Metals

Case Narrative

Tetra Tech

Garner Street Soils/CO -- 103X903520F0071211205

Work Order Number: 2205638

1. This report consists of 5 water samples and 253 soil samples.

2. The samples were received cool and intact by ALS on 05/31/22.

3. The water samples had a pH less than 2 upon receipt.

4. The samples were prepared and analyzed based on SW-846, 3rd Edition procedures.

   For analysis by ICP-MS, the water samples were digested following method 3010A and the current revision of SOP 806. The soil samples were digested following method 3050B and SOP 806 Rev. 15.

   For analysis by Cold Vapor AA (CVAA), the water samples were digested following method 7470A and the current revision of SOP 812. The soil samples were digested following method 7471B and the current revision of SOP 812.

5. Analysis by Trace ICP followed method 6010D and the current revision of SOP 834.

   Analysis by ICP-MS followed method 6020B and the current revision of SOP 827.

   Water analysis by CVAA followed method 7470A and the current revision of SOP 812. Soil analysis by CVAA followed method 7471B and the current revision of SOP 812.

6. All standards and solutions are NIST traceable and were used within their recommended shelf life.

7. The samples were prepared and analyzed within the established hold times.

All in house quality control procedures were followed, as described below.

8. General quality control procedures.

- A preparation (method) blank, laboratory control sample and laboratory control sample duplicate were digested and analyzed with the samples in each applicable digestion batch.
- The preparation (method) blank associated with each digestion batch was below the reporting limit for the requested analytes.
- All laboratory control sample criteria were met.
- All initial and continuing calibration blanks were below the reporting limit for the requested analytes.
- All initial and continuing calibration verifications were within the acceptance criteria for the requested analytes with the exception of CCV22 on 06/10/22 and CCV17 and CCV18 on 06/14/22-12A2 for beryllium. The analytes that exceeded acceptance criteria were not reported from the samples bracketed by these CCVs.
- The interference check samples associated with Method 6020B were analyzed.

9. Matrix specific quality control procedures.

Samples 2205638-40, -41, -80, -81, -88, -90, -180, -181, -225 and -226 were designated as the quality control samples for the soil ICPMS analysis.

A laboratory control sample duplicate (LCSD) was performed in place of matrix QC for each water analysis and several soil ICPMS batches.

Similarity of matrix and therefore relevance of the QC results should not be automatically inferred for any sample other than the native sample selected for QC.

- A matrix spike and matrix spike duplicate were digested and analyzed with many of the soil batches. All acceptance criteria for accuracy and precision were met with the following exceptions:

Analyte	Sample ID
Antimony	All QC MS/MSD
Silver	-40, -88 and -226 MS/MSD and/or RPD
Vanadium	-90, -181 and -226 MS and/or MSD

The native sample results are flagged for matrix spike failure and analytical post spikes were performed. The results of the spikes were acceptable indicating that the matrix was not significantly affecting quantitation of these analytes.

Where spike duplicate precision was outside control limits only the duplicate page shows the flag.

- Matrix spike recoveries could not be evaluated for the following:

Analyte	Sample ID
Many analytes	All QC

The concentrations of these analytes in the native sample were greater than four times the concentration of matrix spike added during the digestion. When sample concentration is that much greater than the spike added, spike recoveries may not be accurate. The laboratory control samples indicate that the digestion and analysis were in control.

- A serial dilution was analyzed with many of the soil ICP batches. All acceptance criteria were met.

10. It is a standard practice that samples for ICP-MS are analyzed at a dilution. Samples 2205638-30, -31, -36, -37, -40, -41, -49, -64, 68, -69, -70, -74, -113, -115, -131 through -135, -143, -145, -147 and -152 required a further dilution to bring lead or manganese into the analytical range of the ICP-MS.

The data contained in the following report have been reviewed and approved by the personnel listed below. In addition, ALS certifies that the analyses reported herein are true, complete and correct within the limits of the methods employed.

Inorganics Final Data Reviewer

6/17/22
Date

Inorganic Data Reporting Qualifiers

The following qualifiers are used by the laboratory when reporting results of inorganic analyses.

- Result qualifier -- A "J" is entered if the reported value was obtained from a reading that was less than the Reporting Limit but greater than or equal to the Method Detection Limit (MDL). If the analyte was analyzed for but not detected a "U" is entered. For samples, negative values are reported as non-detects ("U" flagged). For blanks, if the absolute value of the negative value is above the MDL and below the reporting limit, then the result is "J" flagged.

- QC qualifier -- Specified entries and their meanings are as follows:

  E - The reported value is estimated because of the presence of interference. An explanatory note may be included in the narrative.

  M - Duplicate injection precision was not met.

  N - Spiked sample recovery not within control limits. A post spike is analyzed for all ICP analyses when the matrix spike and or spike duplicate fail and the native sample concentration is less than four times the spike added concentration.

  Z - Spiked recovery not within control limits. An explanatory note may be included in the narrative.

  * - Duplicate analysis (relative percent difference) not within control limits.

Chain of Custody

ALS -- Fort Collins

Sample Number(s) Cross-Reference Table

OrderNum: 2205638
Client Name: Tetra Tech
Client Project Name: Garner Street Soils/CO
Client Project Number: 103X903520F0071211205
Client PO Number: 1189570.0.0

Client Sample Number	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
GS-01A-00-01	2205638-1		SOIL	17-May-22	11:17
GS-01A-01-06	2205638-2		SOIL	17-May-22	11:18
GS-01B-00-01	2205638-3		SOIL	18-May-22	11:51
GS-01B-01-06	2205638-4		SOIL	18-May-22	11:52
GS-01E-00-01	2205638-5		SOIL	19-May-22	8:22
GS-01E-00-06	2205638-6		SOIL	19-May-22	8:22
GS-01E-01-06	2205638-7		SOIL	19-May-22	8:22
GS-02A-00-01	2205638-8		SOIL	17-May-22	11:57
GS-02A-01-06	2205638-9		SOIL	17-May-22	11:57
GS-02B-00-01	2205638-10		SOIL	18-May-22	11:42
GS-02B-01-06	2205638-11		SOIL	18-May-22	11:42
GS-02E-00-01	2205638-12		SOIL	19-May-22	8:31
GS-02E-01-06	2205638-13		SOIL	19-May-22	8:31
GS-03A-00-01	2205638-14		SOIL	17-May-22	13:15
GS-03A-01-06	2205638-15		SOIL	17-May-22	13:15
GS-03B-00-01	2205638-16		SOIL	18-May-22	11:17
GS-03B-01-06	2205638-17		SOIL	18-May-22	11:17
GS-03E-00-01	2205638-18		SOIL	19-May-22	8:39
GS-03E-00-01-DUP	2205638-19		SOIL	19-May-22	8:39
GS-03E-00-01-TRI	2205638-20		SOIL	19-May-22	8:39
GS-03E-01-06	2205638-21		SOIL	19-May-22	8:39
GS-03E-01-06-DUP	2205638-22		SOIL	19-May-22	8:39
GS-03E-01-06-TRI	2205638-23		SOIL	19-May-22	8:39
GS-04A-00-01	2205638-24		SOIL	17-May-22	14:27
GS-04A-00-01-DUP	2205638-25		SOIL	17-May-22	14:27
GS-04A-00-01-TRI	2205638-26		SOIL	17-May-22	14:27
GS-04A-01-06	2205638-27		SOIL	17-May-22	14:27
GS-04A-01-06-DUP	2205638-28		SOIL	17-May-22	14:27
GS-04A-01-06-TRI	2205638-29		SOIL	17-May-22	14:27
GS-04B-00-01	2205638-30		SOIL	18-May-22	9:48

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OrderNum: 2205638
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Client Project Name: Garner Street Soils/CO
Client Project Number: 103X903520F0071211205
Client PO Number: 1189570.0.0

Client Sample Number	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
GS-04B-01-06	2205638-31		SOIL	18-May-22	9:48
GS-04E-00-01	2205638-32		SOIL	19-May-22	8:56
GS-04E-01-06	2205638-33		SOIL	19-May-22	8:56
GS-05A-00-01	2205638-34		SOIL	17-May-22	14:36
GS-05A-01-06	2205638-35		SOIL	17-May-22	14:36
GS-05B-00-01	2205638-36		SOIL	18-May-22	9:31
GS-05B-01-06	2205638-37		SOIL	18-May-22	9:31
GS-06A-00-01	2205638-38		SOIL	17-May-22	15:10
GS-06A-01-06	2205638-39		SOIL	17-May-22	15:10
GS-06B-00-01	2205638-40		SOIL	18-May-22	8:53
GS-06B-01-06	2205638-41		SOIL	18-May-22	8:53
GS-06E-00-01	2205638-42		SOIL	19-May-22	9:08
GS-06E-01-06	2205638-43		SOIL	19-May-22	9:08
GS-07A-00-01	2205638-44		SOIL	17-May-22	15:17
GS-07A-01-06	2205638-45		SOIL	17-May-22	15:17
GS-07A1-00-01	2205638-46		SOIL	17-May-22	15:17
GS-07A1-01-06	2205638-47		SOIL	17-May-22	15:17
GS-07B-00-01	2205638-48		SOIL	18-May-22	8:38
GS-07B-01-06	2205638-49		SOIL	18-May-22	8:38
GS-07E-00-01	2205638-50		SOIL	19-May-22	9:32
GS-07E-01-06	2205638-51		SOIL	19-May-22	9:32
GS-08A-00-01	2205638-52		SOIL	17-May-22	15:42
GS-08A-01-06	2205638-53		SOIL	17-May-22	15:43
GS-08B-00-01	2205638-54		SOIL	18-May-22	8:27
GS-08B-01-06	2205638-55		SOIL	18-May-22	8:27
GS-08E-00-01	2205638-56		SOIL	19-May-22	9:42
GS-08E-01-06	2205638-57		SOIL	19-May-22	9:42
GS-09B-00-01	2205638-58		SOIL	18-May-22	8:14
GS-09B-01-06	2205638-59		SOIL	18-May-22	8:14
GS-09E-00-01	2205638-60		SOIL	19-May-22	9:55

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OrderNum: 2205638
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Client PO Number: 1189570.0.0

Client Sample Number	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
GS-09E-00-06	2205638-61		SOIL	19-May-22	9:56
GS-09E-01-06	2205638-62		SOIL	19-May-22	9:55
GS-10B-00-01	2205638-63		SOIL	17-May-22	16:36
GS-10B-01-06	2205638-64		SOIL	17-May-22	16:36
GS-11B-00-01	2205638-65		SOIL	17-May-22	17:00
GS-11B-00-01-DUP	2205638-66		SOIL	17-May-22	17:00
GS-11B-00-01-TRI	2205638-67		SOIL	17-May-22	17:00
GS-11B-01-06	2205638-68		SOIL	17-May-22	17:00
GS-11B-01-06-DUP	2205638-69		SOIL	17-May-22	17:00
GS-11B-01-06-TRI	2205638-70		SOIL	17-May-22	17:00
GS-11D-00-01	2205638-71		SOIL	18-May-22	14:44
GS-11D-01-06	2205638-72		SOIL	18-May-22	14:44
GS-12B-00-01	2205638-73		SOIL	17-May-22	17:04
GS-12B-01-06	2205638-74		SOIL	17-May-22	17:04
GS-12D-00-01	2205638-75		SOIL	18-May-22	14:31
GS-12D-01-06	2205638-76		SOIL	18-May-22	14:31
GS-13B-00-01	2205638-77		SOIL	18-May-22	10:07
GS-13B-00-06	2205638-78		SOIL	18-May-22	10:07
GS-13B-10-06	2205638-79		SOIL	18-May-22	10:07
GS-13D-00-01	2205638-80		SOIL	18-May-22	14:19
GS-13D-01-06	2205638-81		SOIL	18-May-22	14:19
GS-14B-00-01	2205638-82		SOIL	18-May-22	10:17
GS-14B-00-01-DUP	2205638-83		SOIL	18-May-22	10:17
GS-14B-00-01-TRI	2205638-84		SOIL	18-May-22	10:17
GS-14B-01-06	2205638-85		SOIL	18-May-22	10:17
GS-14B-01-06-DUP	2205638-86		SOIL	18-May-22	10:17
GS-14B-01-06-TRI	2205638-87		SOIL	18-May-22	10:17
GS-14D-00-01	2205638-88		SOIL	18-May-22	13:46
GS-14D-00-06	2205638-89		SOIL	18-May-22	13:46
GS-14D-01-06	2205638-90		SOIL	18-May-22	13:46

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Client Sample Number	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
GS-15B-00-01	2205638-91		SOIL	18-May-22	17:02
GS-15B-01-06	2205638-92		SOIL	18-May-22	17:02
GS-16B-00-01	2205638-93		SOIL	18-May-22	10:25
GS-16B-01-06	2205638-94		SOIL	18-May-22	10:25
GS-16B1-00-01	2205638-95		SOIL	18-May-22	10:36
GS-16B1-01-06	2205638-96		SOIL	18-May-22	10:36
GS-16D-00-01	2205638-97		SOIL	18-May-22	13:34
GS-16D-01-06	2205638-98		SOIL	18-May-22	13:34
GS-17B-00-01	2205638-99		SOIL	18-May-22	10:57
GS-17B-01-06	2205638-100		SOIL	18-May-22	10:58
GS-17D-00-01	2205638-101		SOIL	18-May-22	13:23
GS-17D-01-06	2205638-102		SOIL	18-May-22	13:23
GS-18B-00-01	2205638-103		SOIL	18-May-22	11:11
GS-18B-01-06	2205638-104		SOIL	18-May-22	11:11
GS-18D-00-01	2205638-105		SOIL	18-May-22	13:09
GS-18D-01-06	2205638-106		SOIL	18-May-22	13:09
GS-19B-00-01	2205638-107		SOIL	18-May-22	11:32
GS-19B-01-06	2205638-108		SOIL	18-May-22	11:32
GS-20B-00-01	2205638-109		SOIL	18-May-22	12:05
GS-20B-01-06	2205638-110		SOIL	18-May-22	12:05
GS-20D-00-01	2205638-111		SOIL	18-May-22	15:13
GS-20D-01-06	2205638-112		SOIL	18-May-22	15:13
GS-21D-00-01	2205638-113		SOIL	18-May-22	15:27
GS-21D-00-06	2205638-114		SOIL	18-May-22	15:27
GS-21D-01-06	2205638-115		SOIL	18-May-22	15:27
GS-22D-00-01	2205638-116		SOIL	18-May-22	15:34
GS-22D-01-06	2205638-117		SOIL	18-May-22	15:37
GS-23D-00-01	2205638-118		SOIL	18-May-22	15:44
GS-23D-01-06	2205638-119		SOIL	18-May-22	15:44
GS-24D-00-01	2205638-120		SOIL	18-May-22	15:51

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OrderNum: 2205638
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Client Project Number: 103X903520F0071211205
Client PO Number: 1189570.0.0

Client Sample Number	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
GS-24D-01-06	2205638-121		SOIL	18-May-22	15:51
GS-25D-01-06	2205638-122		SOIL	18-May-22	16:00
GS-25D-01-06	2205638-123		SOIL	18-May-22	16:01
GS-26D-00-01	2205638-124		SOIL	18-May-22	16:29
GS-26D-01-06	2205638-125		SOIL	18-May-22	16:34
GS-27D-00-01	2205638-126		SOIL	18-May-22	16:17
GS-27D-00-06	2205638-127		SOIL	18-May-22	16:17
GS-27D-01-06	2205638-128		SOIL	18-May-22	16:17
GS-28D-00-01	2205638-129		SOIL	18-May-22	16:40
GS-28D-01-06	2205638-130		SOIL	18-May-22	16:44
GS-29A4-00-01	2205638-131		SOIL	16-May-22	11:00
GS-29A4-01-06	2205638-132		SOIL	16-May-22	10:58
GS-29A5-00-01	2205638-133		SOIL	16-May-22	11:13
GS-29A5-01-06	2205638-134		SOIL	16-May-22	11:14
GS-29A5-COMP	2205638-135		SOIL	19-May-22	12:55
GS-29D-00-01	2205638-136		SOIL	18-May-22	14:52
GS-29D-00-01-DUP	2205638-137		SOIL	18-May-22	14:52
GS-29D-00-01-TRI	2205638-138		SOIL	18-May-22	14:52
GS-29-01-06	2205638-139		SOIL	18-May-22	14:53
GS-29-01-06-DUP	2205638-140		SOIL	18-May-22	14:53
GS-29-01-06-TRI	2205638-141		SOIL	18-May-22	14:53
GS-30A-00-01	2205638-142		SOIL	16-May-22	11:31
GS-30A-01-06	2205638-143		SOIL	16-May-22	11:31
GS-31A-00-01	2205638-144		SOIL	18-May-22	7:58
GS-31A-01-06	2205638-145		SOIL	18-May-22	7:59
GS-32A-00-01	2205638-146		SOIL	16-May-22	11:59
GS-32A-01-06	2205638-147		SOIL	16-May-22	12:00
GS-32A-COMP	2205638-148		SOIL	19-May-22	12:50
GS-33A-00-01	2205638-149		SOIL	16-May-22	12:46
GS-33A-01-06	2205638-150		SOIL	16-May-22	12:46

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OrderNum: 2205638
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Client Project Number: 103X903520F0071211205
Client PO Number: 1189570.0.0

Client Sample Number	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
GS-34A-00-01	2205638-151		SOIL	16-May-22	12:42
GS-34A-01-06	2205638-152		SOIL	16-May-22	12:42
GS-35A-00-01	2205638-153		SOIL	16-May-22	13:49
GS-35A-01-06	2205638-154		SOIL	16-May-22	13:49
GS-35A-COMP	2205638-155		SOIL	19-May-22	12:45
GS-36A-00-01	2205638-156		SOIL	16-May-22	14:10
GS-36A-01-06	2205638-157		SOIL	16-May-22	14:11
GS-37A-00-01	2205638-158		SOIL	16-May-22	14:20
GS-37A-01-06	2205638-159		SOIL	16-May-22	14:20
GS-38A-00-01	2205638-160		SOIL	16-May-22	15:01
GS-38A-01-06	2205638-161		SOIL	16-May-22	15:04
GS-39A-00-01	2205638-162		SOIL	16-May-22	15:25
GS-39A-00-06	2205638-163		SOIL	16-May-22	15:21
GS-39A-01-06	2205638-164		SOIL	16-May-22	15:25
GS-39A-COMP	2205638-165		SOIL	19-May-22	12:35
GS-40A-00-01	2205638-166		SOIL	16-May-22	16:01
GS-40A-01-06	2205638-167		SOIL	16-May-22	16:02
GS-40A1-00-01	2205638-168		SOIL	16-May-22	16:50
GS-40A1-00-01-DUP	2205638-169		SOIL	16-May-22	16:50
GS-40A1-00-01-TRI	2205638-170		SOIL	16-May-22	16:50
GS-40A1-01-06	2205638-171		SOIL	16-May-22	16:53
GS-40A1-01-06-DUP	2205638-172		SOIL	16-May-22	16:53
GS-40A1-01-06-TRI	2205638-173		SOIL	16-May-22	16:53
GS-40A2-00-01	2205638-174		SOIL	16-May-22	16:33
GS-40A2-01-06	2205638-175		SOIL	16-May-22	16:33
GS-41A-00-01	2205638-176		SOIL	17-May-22	8:15
GS-41A-01-06	2205638-177		SOIL	17-May-22	8:15
GS-42A-00-01	2205638-178		SOIL	17-May-22	8:12
GS-42A-01-06	2205638-179		SOIL	17-May-22	8:14
GS-43A-00-01	2205638-180		SOIL	17-May-22	8:36

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Sample Number(s) Cross-Reference Table

OrderNum: 2205638
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Client Project Number: 103X903520F0071211205
Client PO Number: 1189570.0.0

Client Sample Number	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
GS-43A-01-06	2205638-181		SOIL	17-May-22	8:36
GS-43A-COMP	2205638-182		SOIL	19-May-22	12:15
GS-44A-00-01	2205638-183		SOIL	17-May-22	8:33
GS-44A-01-06	2205638-184		SOIL	17-May-22	8:33
GS-45A-00-01	2205638-185		SOIL	17-May-22	16:05
GS-45A-01-06	2205638-186		SOIL	17-May-22	16:05
GS-46A-00-01	2205638-187		SOIL	17-May-22	8:51
GS-46A-01-06	2205638-188		SOIL	17-May-22	8:52
GS-47A-00-01	2205638-189		SOIL	17-May-22	9:58
GS-47A-01-06	2205638-190		SOIL	17-May-22	9:59
GS-BG01-00-01	2205638-191		SOIL	17-May-22	13:49
GS-BG01-00-06	2205638-192		SOIL	17-May-22	13:51
GS-BG01-01-06	2205638-193		SOIL	17-May-22	13:52
GS-BG02-00-01	2205638-194		SOIL	17-May-22	14:16
GS-BG02-00-06	2205638-195		SOIL	17-May-22	14:16
GS-BG02-01-06	2205638-196		SOIL	17-May-22	14:16
GS-BG03-00-01	2205638-197		SOIL	17-May-22	14:23
GS-BG03-00-06	2205638-198		SOIL	17-May-22	14:36
GS-BG03-01-06	2205638-199		SOIL	17-May-22	14:25
GS-CA01-00-01	2205638-200		SOIL	16-May-22	12:12
GS-CA01-01-06	2205638-201		SOIL	16-May-22	12:12
GS-CA02-00-01	2205638-202		SOIL	16-May-22	14:05
GS-CA02-00-06	2205638-203		SOIL	16-May-22	14:05
GS-CA02-01-06	2205638-204		SOIL	16-May-22	14:05
GS-CA03-00-01	2205638-205		SOIL	16-May-22	14:21
GS-CA03-01-06	2205638-206		SOIL	16-May-22	14:21
GS-CA04-00-01	2205638-207		SOIL	16-May-22	14:56
GS-CA04-00-01-DUP	2205638-208		SOIL	16-May-22	14:56
GS-CA04-00-01-TRI	2205638-209		SOIL	16-May-22	14:56
GS-CA04-01-06	2205638-210		SOIL	16-May-22	14:57

ALS -- Fort Collins

Sample Number(s) Cross-Reference Table

OrderNum: 2205638
Client Name: Tetra Tech
Client Project Name: Garner Street Soils/CO
Client Project Number: 103X903520F0071211205
Client PO Number: 1189570.0.0

Client Sample Number	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
GS-CA04-01-06-DUP	2205638-211		SOIL	16-May-22	14:57
GS-CA04-01-06-TRI	2205638-212		SOIL	16-May-22	14:57
GS-CA05-00-01	2205638-213		SOIL	16-May-22	15:21
GS-CA05-01-06	2205638-214		SOIL	16-May-22	15:21
GS-CA06-00-01	2205638-215		SOIL	16-May-22	15:54
GS-CA06-01-06	2205638-216		SOIL	16-May-22	15:54
GS-CA07-00-01	2205638-217		SOIL	17-May-22	10:02
GS-CA07-01-06	2205638-218		SOIL	17-May-22	10:02
GS-CA08-00-01	2205638-219		SOIL	19-May-22	10:37
GS-CA08-01-06	2205638-220		SOIL	19-May-22	10:37
GS-CA09-00-01	2205638-221		SOIL	19-May-22	10:40
GS-CA09-01-06	2205638-222		SOIL	19-May-22	10:40
GS-CA10-00-01	2205638-223		SOIL	19-May-22	10:42
GS-CA10-01-06	2205638-224		SOIL	19-May-22	10:42
GS-CA11-00-01	2205638-225		SOIL	19-May-22	10:44
GS-CA11-01-06	2205638-226		SOIL	19-May-22	10:45
GS-CA12-00-01	2205638-227		SOIL	19-May-22	10:48
GS-CA12-00-01-DUP	2205638-228		SOIL	19-May-22	10:48
GS-CA12-00-01-TRI	2205638-229		SOIL	19-May-22	10:48
GS-CA12-01-06	2205638-230		SOIL	19-May-22	10:48
GS-CA12-01-06-DUP	2205638-231		SOIL	19-May-22	10:48
GS-CA12-01-06-TRI	2205638-232		SOIL	19-May-22	10:48
GS-CA13-00-01	2205638-233		SOIL	19-May-22	11:32
GS-CA13-00-01-DUP	2205638-234		SOIL	19-May-22	11:32
GS-CA13-00-01-TRI	2205638-235		SOIL	19-May-22	11:32
GS-CA13-01-06	2205638-236		SOIL	19-May-22	11:32
GS-CA13-01-06-DUP	2205638-237		SOIL	19-May-22	11:32
GS-CA13-01-06-TRI	2205638-238		SOIL	19-May-22	11:32
GS-CA14-00-01	2205638-239		SOIL	19-May-22	11:44
GS-CA14-00-01-DUP	2205638-240		SOIL	19-May-22	11:44

ALS -- Fort Collins

Sample Number(s) Cross-Reference Table

OrderNum: 2205638
Client Name: Tetra Tech
Client Project Name: Garner Street Soils/CO
Client Project Number: 103X903520F0071211205
Client PO Number: 1189570.0.0

Client Sample Number	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
GS-CA14-00-01-TRI	2205638-241		SOIL	19-May-22	11:44
GS-CA14-00-06	2205638-242		SOIL	19-May-22	11:44
GS-CA14-01-06	2205638-243		SOIL	19-May-22	11:44
GS-CA14-01-06-DUP	2205638-244		SOIL	19-May-22	11:44
GS-CA14-01-06-TRI	2205638-245		SOIL	19-May-22	11:44
GS-FB01	2205638-246		WATER	16-May-22	9:20
GS-HOUSE-00-01	2205638-247		SOIL	17-May-22	10:38
GS-HOUSE-00-06	2205638-248		SOIL	17-May-22	10:47
GS-HOUSE-00-06-DUP	2205638-249		SOIL	17-May-22	10:47
GS-HOUSE-01-06	2205638-250		SOIL	17-May-22	10:39
GS-RB01	2205638-251		WATER	16-May-22	15:00
GS-RB02	2205638-252		WATER	17-May-22	15:40
GS-RB03	2205638-253		WATER	18-May-22	14:35
GS-RB04	2205638-254		WATER	19-May-22	10:05
GS-VACANT-00-01	2205638-255		SOIL	17-May-22	9:15
GS-VACANT-00-06	2205638-256		SOIL	17-May-22	9:15
GS-VACANT-00-06-DUP	2205638-257		SOIL	17-May-22	9:15
GS-VACANT-01-06	2205638-258		SOIL	17-May-22	9:15
GS-HOUSE-00-06-TRI	2205638-259		SOIL	17-May-22	
GS-VACANT-00-06-TRI	2205638-260		SOIL	17-May-22	

USEPA / Tetra Tech Inc.
Contact Name: Brian Croft
Contact Phone: 206-300-0301
Project Code: 103X903520F0071211205

CHAIN OF CUSTODY RECORD
Garner Street Soils/CO

2205638

No: Garner St_001
Lab: ALS Environmental - Fort Collins, CO
Lab Contact: Katie M. O'Brien
Lab Phone: 970-490-1511

Lab #	Sample #	Location	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
1	GS-01A-00-01	GS-01A	TAL Metals	Surface Soil	5/17/2022	11:17	1	Jar	None	N
2	GS-01A-01-06	GS-01A	TAL Metals	Surface Soil	5/17/2022	11:18	1	Jar	None	N
3	GS-01B-00-01	GS-01B	TAL Metals	Surface Soil	5/18/2022	11:51	1	Jar	None	N
4	GS-01B-01-06	GS-01B	TAL Metals	Surface Soil	5/18/2022	11:52	1	Jar	None	N
5	GS-01E-00-01	GS-01E	TAL Metals	Surface Soil	5/19/2022	08:22	1	Jar	None	N
6	GS-01E-00-06	GS-01E	Mercury	Surface Soil	5/19/2022	08:22	1	Jar	None	N
7	GS-01E-01-06	GS-01E	TAL Metals	Surface Soil	5/19/2022	08:22	1	Jar	None	N
8	GS-02A-00-01	GS-02A	TAL Metals	Surface Soil	5/17/2022	11:57	1	Jar	None	N
9	GS-02A-01-06	GS-02A	TAL Metals	Surface Soil	5/17/2022	11:57	1	Jar	None	N
10	GS-02B-00-01	GS-02B	TAL Metals	Surface Soil	5/18/2022	11:42	1	Jar	None	N
11	GS-02B-01-06	GS-02B	TAL Metals	Surface Soil	5/18/2022	11:42	1	Jar	None	N
12	GS-02E-00-01	GS-02E	TAL Metals	Surface Soil	5/19/2022	08:31	1	Jar	None	N
13	GS-02E-01-06	GS-02E	TAL Metals	Surface Soil	5/19/2022	08:31	1	Jar	None	N
14	GS-03A-00-01	GS-03A	TAL Metals	Surface Soil	5/17/2022	13:15	1	Jar	None	N
15	GS-03A-01-06	GS-03A	TAL Metals	Surface Soil	5/17/2022	13:15	1	Jar	None	N
16	GS-03B-00-01	GS-03B	TAL Metals	Surface Soil	5/18/2022	11:17	1	Jar	None	N
17	GS-03B-01-06	GS-03B	TAL Metals	Surface Soil	5/18/2022	11:17	1	Jar	None	N
18	GS-03E-00-01	GS-03E	TAL Metals	Surface Soil	5/19/2022	08:39	1	Jar	None	N

Special Instructions: PLEASE RETURN UNUSED PORTIONS OF ALL SOIL SAMPLES AFTER ANALYSES AND REPORTING IS COMPLETE

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
50:1 sample	Chandler Broome TT	5/31/22 11:35	[signature] TES	05/31/2022 1135	2.3°C 3.1°C on ice 0.1°C 4°C

2205638

USEPA / Tetra Tech Inc.
Contact Name: Brian Croft
Contact Phone: 206-300-0301
Project Code: 103X903520F0071211205

CHAIN OF CUSTODY RECORD
Garner Street Soils/CO

No: Garner St_001
Lab: ALS Environmental - Fort Collins, CO
Lab Contact: Katie M. O'Brien
Lab Phone: 970-490-1511

Lab #	Sample #	Location	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
19	GS-03E-00-01-DUP	GS-03E	TAL Metals	Surface Soil	5/19/2022	08:39	1	Jar	None	N
20	GS-03E-00-01-TRI	GS-03E	TAL Metals	Surface Soil	5/19/2022	08:39	1	Jar	None	N
21	GS-03E-01-06	GS-03E	TAL Metals	Surface Soil	5/19/2022	08:39	1	Jar	None	N
22	GS-03E-01-06-DUP	GS-03E	TAL Metals	Surface Soil	5/19/2022	08:39	1	Jar	None	N
23	GS-03E-01-06-TRI	GS-03E	TAL Metals	Surface Soil	5/19/2022	08:39	1	Jar	None	N
24	GS-04A-00-01	GS-04A	TAL Metals	Surface Soil	5/17/2022	14:27	1	Jar	None	N
25	GS-04A-00-01-DUP	GS-04A	TAL Metals	Surface Soil	5/17/2022	14:27	1	Jar	None	N
26	GS-04A-00-01-TRI	GS-04A	TAL Metals	Surface Soil	5/17/2022	14:27	1	Jar	None	N
27	GS-04A-01-06	GS-04A	TAL Metals	Surface Soil	5/17/2022	14:27	1	Jar	None	N
28	GS-04A-01-06-DUP	GS-04A	TAL Metals	Surface Soil	5/17/2022	14:27	1	Jar	None	N
29	GS-04A-01-06-TRI	GS-04A	TAL Metals	Surface Soil	5/17/2022	14:27	1	Jar	None	N
30	GS-04B-00-01	GS-04B	TAL Metals	Surface Soil	5/18/2022	09:48	1	Jar	None	N
31	GS-04B-01-06	GS-04B	TAL Metals	Surface Soil	5/18/2022	09:48	1	Jar	None	N
32	GS-04E-00-01	GS-04E	TAL Metals	Surface Soil	5/19/2022	08:56	1	Jar	None	N
33	GS-04E-01-06	GS-04E	TAL Metals	Surface Soil	5/19/2022	08:56	1	Jar	None	N
34	GS-05A-00-01	GS-05A	TAL Metals	Surface Soil	5/17/2022	14:36	1	Jar	None	N

Special Instructions: PLEASE RETURN UNUSED PORTIONS OF ALL SOIL SAMPLES AFTER ANALYSES AND REPORTING IS COMPLETE

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Soil samples	Chandler Broome TT	5/31/22 11:35	[signature] ALS	5/31/2022 1135	on ice 2.3°C 3.1°C 0.6°C, 4.8°C

USEPA / Tetra Tech Inc.
Contact Name: Brian Croft
Contact Phone: 206-300-0301
Project Code: 103X903520F0071211205

CHAIN OF CUSTODY RECORD
Garner Street Soils/CO

2205638

No: Garner St_001
Lab: ALS Environmental - Fort Collins, CO
Lab Contact: Katie M. O'Brien
Lab Phone: 970-490-1511

Lab #	Sample #	Location	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
35	GS-05A-01-06	GS-05A	TAL Metals	Surface Soil	5/17/2022	14:36	1	Jar	None	N
36	GS-05B-00-01	GS-05B	TAL Metals	Surface Soil	5/18/2022	09:31	1	Jar	None	N
37	GS-05B-01-06	GS-05B	TAL Metals	Surface Soil	5/18/2022	09:31	1	Jar	None	N
38	GS-06A-00-01	GS-06A	TAL Metals	Surface Soil	5/17/2022	15:10	1	Jar	None	N
39	GS-06A-01-06	GS-06A	TAL Metals	Surface Soil	5/17/2022	15:10	1	Jar	None	N
40	GS-06B-00-01	GS-06B	TAL Metals	Surface Soil	5/18/2022	08:53	1	Jar	None	Y
41	GS-06B-01-06	GS-06B	TAL Metals	Surface Soil	5/18/2022	08:53	1	Jar	None	Y
42	GS-06E-00-01	GS-06E	TAL Metals	Surface Soil	5/19/2022	09:08	1	Jar	None	N
43	GS-06E-01-06	GS-06E	TAL Metals	Surface Soil	5/19/2022	09:08	1	Jar	None	N
44	GS-07A-00-01	GS-07A	TAL Metals	Surface Soil	5/17/2022	15:17	1	Jar	None	N
45	GS-07A-01-06	GS-07A	TAL Metals	Surface Soil	5/17/2022	15:17	1	Jar	None	N
46	GS-07A1-00-01	GS-07A1	TAL Metals	Surface Soil	5/17/2022	15:17	1	Jar	None	N
47	GS-07A1-01-06	GS-07A1	TAL Metals	Surface Soil	5/17/2022	15:17	1	Jar	None	N
48	GS-07B-00-01	GS-07B	TAL Metals	Surface Soil	5/18/2022	08:38	1	Jar	None	N
49	GS-07B-01-06	GS-07B	TAL Metals	Surface Soil	5/18/2022	08:38	1	Jar	None	N
50	GS-07E-00-01	GS-07E	TAL Metals	Surface Soil	5/19/2022	09:32	1	Jar	None	N
51	GS-07E-01-06	GS-07E	TAL Metals	Surface Soil	5/19/2022	09:32	1	Jar	None	N
52	GS-08A-00-01	GS-08A	TAL Metals	Surface Soil	5/17/2022	15:42	1	Jar	None	N
53	GS-08A-01-06	GS-08A	TAL Metals	Surface Soil	5/17/2022	15:43	1	Jar	None	N

Special Instructions: PLEASE RETURN UNUSED PORTIONS OF ALL SOIL SAMPLES AFTER ANALYSES AND REPORTING IS COMPLETE

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Soil samples	Chandler Brown TT	5/31/22 11:35	Amy McClain TLS	05/31/2022 1135	on ice 2.3°C 3.1°C 0.6°C, 4.8°C

USEPA / Tetra Tech Inc.
Contact Name: Brian Croft
Contact Phone: 206-300-0301
Project Code: 103X903520F0071211205

CHAIN OF CUSTODY RECORD
Garner Street Soils/CO

2205638
No: Garner St_001
Lab: ALS Environmental - Fort Collins, CO
Lab Contact: Katie M. O'Brien
Lab Phone: 970-490-1511

Lab #	Sample #	Location	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
54	GS-08B-00-01	GS-08B	TAL Metals	Surface Soil	5/18/2022	08:27	1	Jar	None	N
55	GS-08B-01-06	GS-08B	TAL Metals	Surface Soil	5/18/2022	08:27	1	Jar	None	N
56	GS-08E-00-01	GS-08E	TAL Metals	Surface Soil	5/19/2022	09:42	1	Jar	None	N
57	GS-08E-01-06	GS-08E	TAL Metals	Surface Soil	5/19/2022	09:42	1	Jar	None	N
58	GS-09B-00-01	GS-09B	TAL Metals	Surface Soil	5/18/2022	08:14	1	Jar	None	N
59	GS-09B-01-06	GS-09B	TAL Metals	Surface Soil	5/18/2022	08:14	1	Jar	None	N
60	GS-09E-00-01	GS-09E	TAL Metals	Surface Soil	5/19/2022	09:55	1	Jar	None	N
61	GS-09E-00-06	GS-09E	Mercury	Surface Soil	5/19/2022	09:56	1	Jar	None	N
62	GS-09E-01-06	GS-09E	TAL Metals	Surface Soil	5/19/2022	09:55	1	Jar	None	N
63	GS-10B-00-01	GS-10B	TAL Metals	Surface Soil	5/17/2022	16:36	1	Jar	None	N
64	GS-10B-01-06	GS-10B	TAL Metals	Surface Soil	5/17/2022	16:36	1	Jar	None	N
65	GS-11B-00-01	GS-11B	TAL Metals	Surface Soil	5/17/2022	17:00	1	Jar	None	N
66	GS-11B-00-01-DUP	GS-11B	TAL Metals	Surface Soil	5/17/2022	17:00	1	Jar	None	N
67	GS-11B-00-01-TRI	GS-11B	TAL Metals	Surface Soil	5/17/2022	17:00	1	Jar	None	N
68	GS-11B-01-06	GS-11B	TAL Metals	Surface Soil	5/17/2022	17:00	1	Jar	None	N
69	GS-11B-01-06-DUP	GS-11B	TAL Metals	Surface Soil	5/17/2022	17:00	1	Jar	None	N
70	GS-11B-01-06-TRI	GS-11B	TAL Metals	Surface Soil	5/17/2022	17:00	1	Jar	None	N

Special Instructions: PLEASE RETURN UNUSED PORTIONS OF ALL SOIL SAMPLES AFTER ANALYSES AND REPORTING IS COMPLETE

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Soil samples	Chandler Brem TT	5/31/22 11:35	[signature] ALS	5/31/2022 1135	on ice 2.3°C 3.1°C 0.6°C 4.8°C

USEPA / Tetra Tech Inc.
Contact Name: Brian Croft
Contact Phone: 206-300-0301
Project Code: 103X903520F0071211205

CHAIN OF CUSTODY RECORD
Garner Street Soils/CO

2205638 **No: Garner St_001**
Lab: ALS Environmental - Fort Collins, CO
Lab Contact: Katie M. O'Brien
Lab Phone: 970-490-1511

Lab #	Sample #	Location	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
71	GS-11D-00-01	GS-11D	TAL Metals	Surface Soil	5/18/2022	14:44	1	Jar	None	N
72	GS-11D-01-06	GS-11D	TAL Metals	Surface Soil	5/18/2022	14:44	1	Jar	None	N
73	GS-12B-00-01	GS-12B	TAL Metals	Surface Soil	5/17/2022	17:04	1	Jar	None	N
74	GS-12B-01-06	GS-12B	TAL Metals	Surface Soil	5/17/2022	17:04	1	Jar	None	N
75	GS-12D-00-01	GS-12D	TAL Metals	Surface Soil	5/18/2022	14:31	1	Jar	None	N
76	GS-12D-01-06	GS-12D	TAL Metals	Surface Soil	5/18/2022	14:31	1	Jar	None	N
77	GS-13B-00-01	GS-13B	TAL Metals	Surface Soil	5/18/2022	10:07	1	Jar	None	N
78	GS-13B-00-06	GS-13B	Mercury	Surface Soil	5/18/2022	10:07	1	Jar	None	N
79	GS-13B-01-06	GS-13B	TAL Metals	Surface Soil	5/18/2022	10:07	1	Jar	None	N
80	GS-13D-00-01	GS-13D	TAL Metals	Surface Soil	5/18/2022	14:19	1	Jar	None	Y
81	GS-13D-01-06	GS-13D	TAL Metals	Surface Soil	5/18/2022	14:19	1	Jar	None	Y
82	GS-14B-00-01	GS-14B	TAL Metals	Surface Soil	5/18/2022	10:17	1	Jar	None	N
83	GS-14B-00-01-DUP	GS-14B	TAL Metals	Surface Soil	5/18/2022	10:17	1	Jar	None	N
84	GS-14B-00-01-TRI	GS-14B	TAL Metals	Surface Soil	5/18/2022	10:17	1	Jar	None	N
85	GS-14B-01-06	GS-14B	TAL Metals	Surface Soil	5/18/2022	10:17	1	Jar	None	N
86	GS-14B-01-06-DUP	GS-14B	TAL Metals	Surface Soil	5/18/2022	10:17	1	Jar	None	N
87	GS-14B-01-06-TRI	GS-14B	TAL Metals	Surface Soil	5/18/2022	10:17	1	Jar	None	N

Special Instructions: PLEASE RETURN UNUSED PORTIONS OF ALL SOIL SAMPLES AFTER ANALYSES AND REPORTING IS COMPLETE

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Soil Samples	Chandler Brown TT	5/31/22 11:35	Amy Leffler ALS	05/31/2022 1135	on ice 2.3°C 3.1°C 0.0°C, 4.8°C

USEPA / Tetra Tech Inc.
Contact Name: Brian Croft
Contact Phone: 206-300-0301
Project Code: 103X903520F0071211205

CHAIN OF CUSTODY RECORD
Garner Street Soils/CO

2205638

No: Garner St_001
Lab: ALS Environmental - Fort Collins, CO
Lab Contact: Katie M. O'Brien
Lab Phone: 970-490-1511

Lab #	Sample #	Location	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
88	GS-14D-00-01	GS-14D	TAL Metals	Surface Soil	5/18/2022	13:46	1	Jar	None	Y
89	GS-14D-00-06	GS-14D	Mercury	Surface Soil	5/18/2022	13:46	1	Jar	None	N
90	GS-14D-01-06	GS-14D	TAL Metals	Surface Soil	5/18/2022	13:46	1	Jar	None	Y
91	GS-15B-00-01	GS-15B	TAL Metals	Surface Soil	5/18/2022	17:02	1	Jar	None	N
92	GS-15B-01-06	GS-15B	TAL Metals	Surface Soil	5/18/2022	17:02	1	Jar	None	N
93	GS-16B-00-01	GS-16B	TAL Metals	Surface Soil	5/18/2022	10:25	1	Jar	None	N
94	GS-16B-01-06	GS-16B	TAL Metals	Surface Soil	5/18/2022	10:25	1	Jar	None	N
95	GS-16B1-00-01	GS-16B1	TAL Metals	Surface Soil	5/18/2022	10:36	1	Jar	None	N
96	GS-16B1-01-06	GS-16B1	TAL Metals	Surface Soil	5/18/2022	10:36	1	Jar	None	N
97	GS-16D-00-01	GS-16D	TAL Metals	Surface Soil	5/18/2022	13:34	1	Jar	None	N
98	GS-16D-01-06	GS-16D	TAL Metals	Surface Soil	5/18/2022	13:34	1	Jar	None	N
99	GS-17B-00-01	GS-17B	TAL Metals	Surface Soil	5/18/2022	10:57	1	Jar	None	N
100	GS-17B-01-06	GS-17B	TAL Metals	Surface Soil	5/18/2022	10:58	1	Jar	None	N
101	GS-17D-00-01	GS-17D	TAL Metals	Surface Soil	5/18/2022	13:23	1	Jar	None	N
102	GS-17D-01-06	GS-17D	TAL Metals	Surface Soil	5/18/2022	13:23	1	Jar	None	N
103	GS-18B-00-01	GS-18B	TAL Metals	Surface Soil	5/18/2022	11:11	1	Jar	None	N
104	GS-18B-01-06	GS-18B	TAL Metals	Surface Soil	5/18/2022	11:11	1	Jar	None	N
105	GS-18D-00-01	GS-18D	TAL Metals	Surface Soil	5/18/2022	13:09	1	Jar	None	N
106	GS-18D-01-06	GS-18D	TAL Metals	Surface Soil	5/18/2022	13:09	1	Jar	None	N

Special Instructions: PLEASE RETURN UNUSED PORTIONS OF ALL SOIL SAMPLES AFTER ANALYSES AND REPORTING IS COMPLETE

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
soil samples	Chandler Broom TT	5/31/22 11:35	Jamyle Mant ALS	05/31/2022 1135	on ice 2.5°C 3.1°C 0.6°C 4.8°C

2205638

USEPA / Tetra Tech Inc.
Contact Name: Brian Croft
Contact Phone: 206-300-0301
Project Code: 103X903520F0071211205

CHAIN OF CUSTODY RECORD
Garner Street Soils/CO

No: Garner St_001
Lab: ALS Environmental - Fort Collins, CO
Lab Contact: Katie M. O'Brien
Lab Phone: 970-490-1511

Lab #	Sample #	Location	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
107	GS-19B-00-01	GS-19B	TAL Metals	Surface Soil	5/18/2022	11:32	1	Jar	None	N
108	GS-19B-01-06	GS-19B	TAL Metals	Surface Soil	5/18/2022	11:32	1	Jar	None	N
109	GS-20B-00-01	GS-20B	TAL Metals	Surface Soil	5/18/2022	12:05	1	Jar	None	N
110	GS-20B-01-06	GS-20B	TAL Metals	Surface Soil	5/18/2022	12:05	1	Jar	None	N
111	GS-20D-00-01	GS-20D	TAL Metals	Surface Soil	5/18/2022	15:13	1	Jar	None	N
112	GS-20D-01-06	GS-20D	TAL Metals	Surface Soil	5/18/2022	15:13	1	Jar	None	N
113	GS-21D-00-01	GS-21D	TAL Metals	Surface Soil	5/18/2022	15:27	1	Jar	None	N
114	GS-21D-00-06	GS-21D	Mercury	Surface Soil	5/18/2022	15:27	1	Jar	None	N
115	GS-21D-01-06	GS-21D	TAL Metals	Surface Soil	5/18/2022	15:27	1	Jar	None	N
116	GS-22D-00-01	GS-22D	TAL Metals	Surface Soil	5/18/2022	15:34	1	Jar	None	N
117	GS-22D-01-06	GS-22D	TAL Metals	Surface Soil	5/18/2022	15:37	1	Jar	None	N
118	GS-23D-00-01	GS-23D	TAL Metals	Surface Soil	5/18/2022	15:44	1	Jar	None	N
119	GS-23D-01-06	GS-23D	TAL Metals	Surface Soil	5/18/2022	15:44	1	Jar	None	N
120	GS-24D-00-01	GS-24D	TAL Metals	Surface Soil	5/18/2022	15:51	1	Jar	None	N
121	GS-24D-01-06	GS-24D	TAL Metals	Surface Soil	5/18/2022	15:51	1	Jar	None	N
122	GS-25D-00-01	GS-25D	TAL Metals	Surface Soil	5/18/2022	16:00	1	Jar	None	N
123	GS-25D-01-06	GS-25D	TAL Metals	Surface Soil	5/18/2022	16:01	1	Jar	None	N
124	GS-26D-00-01	GS-26D	TAL Metals	Surface Soil	5/18/2022	16:29	1	Jar	None	N
125	GS-26D-01-06	GS-26D	TAL Metals	Surface Soil	5/18/2022	16:34	1	Jar	None	N

Special Instructions: PLEASE RETURN UNUSED PORTIONS OF ALL SOIL SAMPLES AFTER ANALYSES AND REPORTING IS COMPLETE

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
30:1 samples	Chandler Brien TT	5/31/22 11:35	[signature] ALS	05/31/2022 1135	on ice 2.3°C 3.1°C 0.6°C 4.8°C

2205638

USEPA / Tetra Tech Inc.
Contact Name: Brian Croft
Contact Phone: 206-300-0301
Project Code: 103X903520F0071211205

CHAIN OF CUSTODY RECORD
Garner Street Soils/CO

No: Garner St_001
Lab: ALS Environmental - Fort Collins, CO
Lab Contact: Katie M. O'Brien
Lab Phone: 970-490-1511

Lab #	Sample #	Location	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
126	GS-27D-00-01	GS-27D	TAL Metals	Surface Soil	5/18/2022	16:17	1	Jar	None	N
127	GS-27D-00-06	GS-27D	Mercury	Surface Soil	5/18/2022	16:17	1	Jar	None	N
128	GS-27D-01-06	GS-27D	TAL Metals	Surface Soil	5/18/2022	16:17	1	Jar	None	N
129	GS-28D-00-01	GS-28D	TAL Metals	Surface Soil	5/18/2022	16:40	1	Jar	None	N
130	GS-28D-01-06	GS-28D	TAL Metals	Surface Soil	5/18/2022	16:44	1	Jar	None	N
131	GS-29A4-00-01	GS-29A4	TAL Metals	Surface Soil	5/16/2022	11:00	1	Jar	None	N
132	GS-29A4-01-06	GS-29A4	TAL Metals	Surface Soil	5/16/2022	10:58	1	Jar	None	N
133	GS-29A5-00-01	GS-29A5	TAL Metals	Surface Soil	5/16/2022	11:13	1	Jar	None	N
134	GS-29A5-01-06	GS-29A5	TAL Metals	Surface Soil	5/16/2022	11:14	1	Jar	None	N
$52 135	GS-29A5-COMP	GS-29A5	TAL Metals	Surface Soil	5/19/2022	12:55	1	Jar	None	N
136	GS-29D-00-01	GS-29D	TAL Metals	Surface Soil	5/18/2022	14:52	1	Jar	None	N
137	GS-29D-00-01-DUP	GS-29D	TAL Metals	Surface Soil	5/18/2022	14:52	1	Jar	None	N
138	GS-29D-00-01-TRI	GS-29D	TAL Metals	Surface Soil	5/18/2022	14:52	1	Jar	None	N
139	GS-29D-01-06	GS-29D	TAL Metals	Surface Soil	5/18/2022	14:53	1	Jar	None	N
140	GS-29D-01-06-DUP	GS-29D	TAL Metals	Surface Soil	5/18/2022	14:53	1	Jar	None	N
141	GS-29D-01-06-TRI	GS-29D	TAL Metals	Surface Soil	5/18/2022	14:53	1	Jar	None	N
142	GS-30A-00-01	GS-30A	TAL Metals	Surface Soil	5/16/2022	11:31	1	Jar	None	N

Special Instructions: PLEASE RETURN UNUSED PORTIONS OF ALL SOIL SAMPLES AFTER ANALYSES AND REPORTING IS COMPLETE

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Soil samples	Chemokka Brun TT	5/31/22 11:35	ALS	05/31/2022 1135	on ice 2.3°C 3.1°C 0.6°C, 4.8°C

USEPA / Tetra Tech Inc.
Contact Name: Brian Croft
Contact Phone: 206-300-0301
Project Code: 103X903520F0071211205

CHAIN OF CUSTODY RECORD
Garner Street Soils/CO

2205638
No: Garner St_001
Lab: ALS Environmental - Fort Collins, CO
Lab Contact: Katie M. O'Brien
Lab Phone: 970-490-1511

Lab #	Sample #	Location	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
143	GS-30A-01-06	GS-30A	TAL Metals	Surface Soil	5/16/2022	11:31	1	Jar	None	N
144	GS-31A-00-01	GS-31A	TAL Metals	Surface Soil	5/18/2022	07:58	1	Jar	None	N
145	GS-31A-01-06	GS-31A	TAL Metals	Surface Soil	5/18/2022	07:59	1	Jar	None	N
146	GS-32A-00-01	GS-32A	TAL Metals	Surface Soil	5/16/2022	11:59	1	Jar	None	N
147	GS-32A-01-06	GS-32A	TAL Metals	Surface Soil	5/16/2022	12:00	1	Jar	None	N
dup 148	GS-32A-COMP	GS-32A	TAL Metals	Surface Soil	5/19/2022	12:50	1	Jar	None	N
149	GS-33A-00-01	GS-33A	TAL Metals	Surface Soil	5/16/2022	12:46	1	Jar	None	N
150	GS-33A-01-06	GS-33A	TAL Metals	Surface Soil	5/16/2022	12:46	1	Jar	None	N
151	GS-34A-00-01	GS-34A	TAL Metals	Surface Soil	5/16/2022	12:42	1	Jar	None	N
152	GS-34A-01-06	GS-34A	TAL Metals	Surface Soil	5/16/2022	12:42	1	Jar	None	N
153	GS-35A-00-01	GS-35A	TAL Metals	Surface Soil	5/16/2022	13:49	1	Jar	None	N
154	GS-35A-01-06	GS-35A	TAL Metals	Surface Soil	5/16/2022	13:49	1	Jar	None	N
dup 155	GS-35A-COMP	GS-35A	TAL Metals	Surface Soil	5/19/2022	12:45	1	Jar	None	N
156	GS-36A-00-01	GS-36A	TAL Metals	Surface Soil	5/16/2022	14:10	1	Jar	None	N
157	GS-36A-01-06	GS-36A	TAL Metals	Surface Soil	5/16/2022	14:11	1	Jar	None	N
158	GS-37A-00-01	GS-37A	TAL Metals	Surface Soil	5/16/2022	14:20	1	Jar	None	N
159	GS-37A-01-06	GS-37A	TAL Metals	Surface Soil	5/16/2022	14:20	1	Jar	None	N
160	GS-38A-00-01	GS-38A	TAL Metals	Surface Soil	5/16/2022	15:01	1	Jar	None	N
161	GS-38A-01-06	GS-38A	TAL Metals	Surface Soil	5/16/2022	15:04	1	Jar	None	N

Special Instructions: PLEASE RETURN UNUSED PORTIONS OF ALL SOIL SAMPLES AFTER ANALYSES AND REPORTING IS COMPLETE	**SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #**

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
30.1 samples	Chevalier Brasseur TT	5/31/22 11:35	ALS	05/31/2022 1135	On ice 2.5°C 3.1°C 0.6°C 4.5°C

USEPA / Tetra Tech Inc.
Contact Name: Brian Croft
Contact Phone: 206-300-0301
Project Code: 103X903520F0071211205

CHAIN OF CUSTODY RECORD
Garner Street Soils/CO

2205638

No: Garner St_001
Lab: ALS Environmental - Fort Collins, CO
Lab Contact: Katie M. O'Brien
Lab Phone: 970-490-1511

Lab #	Sample #	Location	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
162	GS-39A-00-01	GS-39A	TAL Metals	Surface Soil	5/16/2022	15:25	1	Jar	None	N
163	GS-39A-00-06	GS-39A	Mercury	Surface Soil	5/16/2022	15:21	1	Jar	None	N
164	GS-39A-01-06	GS-39A	TAL Metals	Surface Soil	5/16/2022	15:25	1	Jar	None	N
165	GS-39A-COMP	GS-39A	TAL Metals	Surface Soil	5/19/2022	12:35	1	Jar	None	N
166	GS-40A-00-01	GS-40A	TAL Metals	Surface Soil	5/16/2022	16:01	1	Jar	None	N
167	GS-40A-01-06	GS-40A	TAL Metals	Surface Soil	5/16/2022	16:02	1	Jar	None	N
168	GS-40A1-00-01	GS-40A1	TAL Metals	Surface Soil	5/16/2022	16:50	1	Jar	None	N
169	GS-40A1-00-01-DUP	GS-40A1	TAL Metals	Surface Soil	5/16/2022	16:50	1	Jar	None	N
170	GS-40A1-00-01-TRI	GS-40A1	TAL Metals	Surface Soil	5/16/2022	16:50	1	Jar	None	N
171	GS-40A1-01-06	GS-40A1	TAL Metals	Surface Soil	5/16/2022	16:53	1	Jar	None	N
172	GS-40A1-01-06-DUP	GS-40A1	TAL Metals	Surface Soil	5/16/2022	16:53	1	Jar	None	N
173	GS-40A1-01-06-TRI	GS-40A1	TAL Metals	Surface Soil	5/16/2022	16:53	1	Jar	None	N
174	GS-40A2-00-01	GS-40A2	TAL Metals	Surface Soil	5/16/2022	16:33	1	Jar	None	N
175	GS-40A2-01-06	GS-40A2	TAL Metals	Surface Soil	5/16/2022	16:33	1	Jar	None	N
176	GS-41A-00-01	GS-41A	TAL Metals	Surface Soil	5/17/2022	08:15	1	Jar	None	N
177	GS-41A-01-06	GS-41A	TAL Metals	Surface Soil	5/17/2022	08:15	1	Jar	None	N

Special Instructions: PLEASE RETURN UNUSED PORTIONS OF ALL SOIL SAMPLES AFTER ANALYSES AND REPORTING IS COMPLETE

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
soil samples	Chandler Brown TT	5/31/22 11:35	ALS	05/31/2022 1135	on ice 2.3°C 3.1°C 0.6°C, 4.8°C

USEPA / Tetra Tech Inc.
Contact Name: Brian Croft
Contact Phone: 206-300-0301
Project Code: 103X903520F0071211205

CHAIN OF CUSTODY RECORD
Garner Street Soils/CO

2205638

No: Garner St_001
Lab: ALS Environmental - Fort Collins, CO
Lab Contact: Katie M. O'Brien
Lab Phone: 970-490-1511

Lab #	Sample #	Location	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
178	GS-42A-00-01	GS-42A	TAL Metals	Surface Soil	5/17/2022	08:12	1	Jar	None	N
179	GS-42A-01-06	GS-42A	TAL Metals	Surface Soil	5/17/2022	08:14	1	Jar	None	N
180	GS-43A-00-01	GS-43A	TAL Metals	Surface Soil	5/17/2022	08:36	1	Jar	None	Y
181	GS-43A-01-06	GS-43A	TAL Metals	Surface Soil	5/17/2022	08:36	1	Jar	None	Y
182	GS-43A-COMP	GS-43A	TAL Metals	Surface Soil	5/19/2022	12:15	1	Jar	None	N
183	GS-44A-00-01	GS-44A	TAL Metals	Surface Soil	5/17/2022	08:33	1	Jar	None	N
184	GS-44A-01-06	GS-44A	TAL Metals	Surface Soil	5/17/2022	08:33	1	Jar	None	N
185	GS-45A-00-01	GS-45A	TAL Metals	Surface Soil	5/17/2022	16:05	1	Jar	None	N
186	GS-45A-01-06	GS-45A	TAL Metals	Surface Soil	5/17/2022	16:05	1	Jar	None	N
187	GS-46A-00-01	GS-46A	TAL Metals	Surface Soil	5/17/2022	08:51	1	Jar	None	N
188	GS-46A-01-06	GS-46A	TAL Metals	Surface Soil	5/17/2022	08:52	1	Jar	None	N
189	GS-47A-00-01	GS-47A	TAL Metals	Surface Soil	5/17/2022	09:58	1	Jar	None	N
190	GS-47A-01-06	GS-47A	TAL Metals	Surface Soil	5/17/2022	09:59	1	Jar	None	N
191	GS-BG01-00-01	GS-BG01	TAL Metals	Surface Soil	5/17/2022	13:49	1	Jar	None	N
192	GS-BG01-00-06	GS-BG01	Mercury	Surface Soil	5/17/2022	13:51	1	Jar	None	N
193	GS-BG01-01-06	GS-BG01	TAL Metals	Surface Soil	5/17/2022	13:52	1	Jar	None	N
194	GS-BG02-00-01	GS-BG02	TAL Metals	Surface Soil	5/17/2022	14:16	1	Jar	None	N
195	GS-BG02-00-06	GS-BG02	Mercury	Surface Soil	5/17/2022	14:16	1	Jar	None	N
196	GS-BG02-01-06	GS-BG02	TAL Metals	Surface Soil	5/17/2022	14:16	1	Jar	None	N

Special Instructions: PLEASE RETURN UNUSED PORTIONS OF ALL SOIL SAMPLES AFTER ANALYSES AND REPORTING IS COMPLETE

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
soil samples	Chandler Brue TT	5/31/22 11:35	[signature] TLS	05/31/2022 1135	on ice 2.3°C 3.1°C 0.6°C, 4.8°C

2205638

USEPA / Tetra Tech Inc.
Contact Name: Brian Croft
Contact Phone: 206-300-0301
Project Code: 103X903520F0071211205

CHAIN OF CUSTODY RECORD
Garner Street Soils/CO

No: Garner St_001
Lab: ALS Environmental - Fort Collins, CO
Lab Contact: Katie M. O'Brien
Lab Phone: 970-490-1511

Lab #	Sample #	Location	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
197	GS-BG03-00-01	GS-BG03	TAL Metals	Surface Soil	5/17/2022	14:23	1	Jar	None	N
198	GS-BG03-00-06	GS-BG03	Mercury	Surface Soil	5/17/2022	14:36	1	Jar	None	N
199	GS-BG03-01-06	GS-BG03	TAL Metals	Surface Soil	5/17/2022	14:25	1	Jar	None	N
200	GS-CA01-00-01	GS-CA01	TAL Metals	Surface Soil	5/16/2022	12:12	1	Jar	None	N
201	GS-CA01-01-06	GS-CA01	TAL Metals	Surface Soil	5/16/2022	12:12	1	Jar	None	N
202	GS-CA02-00-01	GS-CA02	TAL Metals	Surface Soil	5/16/2022	14:05	1	Jar	None	N
203	GS-CA02-00-06	GS-CA02	Mercury	Surface Soil	5/16/2022	14:05	1	Jar	None	N
204	GS-CA02-01-06	GS-CA02	TAL Metals	Surface Soil	5/16/2022	14:05	1	Jar	None	N
205	GS-CA03-00-01	GS-CA03	TAL Metals	Surface Soil	5/16/2022	14:21	1	Jar	None	N
206	GS-CA03-01-06	GS-CA03	TAL Metals	Surface Soil	5/16/2022	14:21	1	Jar	None	N
207	GS-CA04-00-01	GS-CA04	TAL Metals	Surface Soil	5/16/2022	14:56	1	Jar	None	N
208	GS-CA04-00-01-DUP	GS-CA04	TAL Metals	Surface Soil	5/16/2022	14:56	1	Jar	None	N
209	GS-CA04-00-01-TRI	GS-CA04	TAL Metals	Surface Soil	5/16/2022	14:56	1	Jar	None	N
210	GS-CA04-01-06	GS-CA04	TAL Metals	Surface Soil	5/16/2022	14:57	1	Jar	None	N
211	GS-CA04-01-06-DUP	GS-CA04	TAL Metals	Surface Soil	5/16/2022	14:57	1	Jar	None	N
212	GS-CA04-01-06-TRI	GS-CA04	TAL Metals	Surface Soil	5/16/2022	14:57	1	Jar	None	N

Special Instructions: PLEASE RETURN UNUSED PORTIONS OF ALL SOIL SAMPLES AFTER ANALYSES AND REPORTING IS COMPLETE

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
soil samples	Chandler Brun TT	5/31/22 11:35	Amy Leonard ALS	05/31/2022 1135	on ice 2.3c 5.1c 0.6°c, 4.8°c

USEPA / Tetra Tech Inc.
Contact Name: Brian Croft
Contact Phone: 206-300-0301
Project Code: 103X903520F0071211205

CHAIN OF CUSTODY RECORD
Garner Street Soils/CO

2205638

No: Garner St_001
Lab: ALS Environmental - Fort Collins, CO
Lab Contact: Katie M. O'Brien
Lab Phone: 970-490-1511

Lab #	Sample #	Location	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
213	GS-CA05-00-01	GS-CA05	TAL Metals	Surface Soil	5/16/2022	15:21	1	Jar	None	N
214	GS-CA05-01-06	GS-CA05	TAL Metals	Surface Soil	5/16/2022	15:21	1	Jar	None	N
215	GS-CA06-00-01	GS-CA06	TAL Metals	Surface Soil	5/16/2022	15:54	1	Jar	None	N
216	GS-CA06-01-06	GS-CA06	TAL Metals	Surface Soil	5/16/2022	15:54	1	Jar	None	N
217	GS-CA07-00-01	GS-CA07	TAL Metals	Surface Soil	5/17/2022	10:02	1	Jar	None	N
218	GS-CA07-01-06	GS-CA07	TAL Metals	Surface Soil	5/17/2022	10:02	1	Jar	None	N
219	GS-CA08-00-01	GS-CA08	TAL Metals	Surface Soil	5/19/2022	10:37	1	Jar	None	N
220	GS-CA08-01-06	GS-CA08	TAL Metals	Surface Soil	5/19/2022	10:37	1	Jar	None	N
221	GS-CA09-00-01	GS-CA09	TAL Metals	Surface Soil	5/19/2022	10:40	1	Jar	None	N
222	GS-CA09-01-06	GS-CA09	TAL Metals	Surface Soil	5/19/2022	10:40	1	Jar	None	N
223	GS-CA10-00-01	GS-CA10	TAL Metals	Surface Soil	5/19/2022	10:42	1	Jar	None	N
224	GS-CA10-01-06	GS-CA10	TAL Metals	Surface Soil	5/19/2022	10:42	1	Jar	None	N
225	GS-CA11-00-01	GS-CA11	TAL Metals	Surface Soil	5/19/2022	10:44	1	Jar	None	Y
226	GS-CA11-01-06	GS-CA11	TAL Metals	Surface Soil	5/19/2022	10:45	1	Jar	None	Y
227	GS-CA12-00-01	GS-CA12	TAL Metals	Surface Soil	5/19/2022	10:48	1	Jar	None	N
228	GS-CA12-00-01-DUP	GS-CA12	TAL Metals	Surface Soil	5/19/2022	10:48	1	Jar	None	N
229	GS-CA12-00-01-TRI	GS-CA12	TAL Metals	Surface Soil	5/19/2022	10:48	1	Jar	None	N

Special Instructions: PLEASE RETURN UNUSED PORTIONS OF ALL SOIL SAMPLES AFTER ANALYSES AND REPORTING IS COMPLETE

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
50:1 sample	Chandler Brown TT	5/31/22 11:35	ALS	05/31/2022 1135	on ice 2.8°C 3.1°C 0.0°C, 4.8°C

USEPA / Tetra Tech Inc.
Contact Name: Brian Croft
Contact Phone: 206-300-0301
Project Code: 103X903520F0071211205

CHAIN OF CUSTODY RECORD
Garner Street Soils/CO

2205638

No: Garner St_001
Lab: ALS Environmental - Fort Collins, CO
Lab Contact: Katie M. O'Brien
Lab Phone: 970-490-1511

Lab #	Sample #	Location	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
230	GS-CA12-01-06	GS-CA12	TAL Metals	Surface Soil	5/19/2022	10:48	1	Jar	None	N
231	GS-CA12-01-06-DUP	GS-CA12	TAL Metals	Surface Soil	5/19/2022	10:48	1	Jar	None	N
232	GS-CA12-01-06-TRI	GS-CA12	TAL Metals	Surface Soil	5/19/2022	10:48	1	Jar	None	N
233	GS-CA13-00-01	GS-CA13	TAL Metals	Surface Soil	5/19/2022	11:32	1	Jar	None	N
234	GS-CA13-00-01-DUP	GS-CA13	TAL Metals	Surface Soil	5/19/2022	11:32	1	Jar	None	N
235	GS-CA13-00-01-TRI	GS-CA13	TAL Metals	Surface Soil	5/19/2022	11:32	1	Jar	None	N
236	GS-CA13-01-06	GS-CA13	TAL Metals	Surface Soil	5/19/2022	11:32	1	Jar	None	N
237	GS-CA13-01-06-DUP	GS-CA13	TAL Metals	Surface Soil	5/19/2022	11:32	1	Jar	None	N
238	GS-CA13-01-06-TRI	GS-CA13	TAL Metals	Surface Soil	5/19/2022	11:32	1	Jar	None	N
239	GS-CA14-00-01	GS-CA14	TAL Metals	Surface Soil	5/19/2022	11:44	1	Jar	None	N
240	GS-CA14-00-01-DUP	GS-CA14	TAL Metals	Surface Soil	5/19/2022	11:44	1	Jar	None	N
241	GS-CA14-00-01-TRI	GS-CA14	TAL Metals	Surface Soil	5/19/2022	11:44	1	Jar	None	N

Special Instructions: PLEASE RETURN UNUSED PORTIONS OF ALL SOIL SAMPLES AFTER ANALYSES AND REPORTING IS COMPLETE

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
SOil samples	Chancellor Brown TT	5/31/22 11:35	Amy Heffron ALS	05/31/2022 1135	on ice 2.8°c 3.1°c 0.6°c, 4.8°c

USEPA / Tetra Tech Inc.
Contact Name: Brian Croft
Contact Phone: 206-300-0301
Project Code: 103X903520F0071211205

CHAIN OF CUSTODY RECORD
Garner Street Soils/CO

2205638 **No: Garner St_001**
Lab: ALS Environmental - Fort Collins, CO
Lab Contact: Katie M. O'Brien
Lab Phone: 970-490-1511

Lab #	Sample #	Location	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
242	GS-CA14-00-06	GS-CA14	Mercury	Surface Soil	5/19/2022	11:44	1	Jar	None	N
243	GS-CA14-01-06	GS-CA14	TAL Metals	Surface Soil	5/19/2022	11:44	1	Jar	None	N
244	GS-CA14-01-06-DUP	GS-CA14	TAL Metals	Surface Soil	5/19/2022	11:44	1	Jar	None	N
245	GS-CA14-01-06-TRI	GS-CA14	TAL Metals	Surface Soil	5/19/2022	11:44	1	Jar	None	N
246	GS-FB01	Field QC 250 Amber	TAL Metals and Mercury	Blank	5/16/2022	09:20	1	Plastic Jar	HNO3 pH<2	N
247	GS-HOUSE-00-01	GS-HOUSE	TAL Metals	Surface Soil	5/17/2022	10:38	1	Jar	None	N
248	GS-HOUSE-00-06	GS-HOUSE	Mercury	Surface Soil	5/17/2022	10:47	1	Jar	None	N
249	GS-HOUSE-00-06-DUP	GS-HOUSE	Mercury	Surface Soil	5/17/2022	10:47	1	Jar	None	N
250	GS-HOUSE-01-06	GS-HOUSE	TAL Metals	Surface Soil	5/17/2022	10:39	1	Jar	None	N
251	GS-RB01	Field QC	TAL Metals and Mercury	Blank	5/16/2022	15:00	1	Plastic Jar	HNO3 pH<2	N
252	GS-RB02	Field QC 250 HNO3	TAL Metals and Mercury	Blank	5/17/2022	15:40	1	Plastic Jar	HNO3 pH<2	N
253	GS-RB03	Field QC	TAL Metals and Mercury	Blank	5/18/2022	14:35	1	Plastic Jar	HNO3 pH<2	N
254	GS-RB04	Field QC	TAL Metals and Mercury	Blank	5/19/2022	10:05	1	Plastic Jar	HNO3 pH<2	N
255	GS-VACANT-00-01	GS-VACANT	TAL Metals	Surface Soil	5/17/2022	09:15	1	Jar	None	N
256	GS-VACANT-00-06	GS-VACANT	Mercury	Surface Soil	5/17/2022	09:15	1	Jar	None	N

Special Instructions: PLEASE RETURN UNUSED PORTIONS OF ALL SOIL SAMPLES AFTER ANALYSES AND REPORTING IS COMPLETE

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Soil Samples	Chandler Brown TT	5/31/22 11:35	Amy Hathaway ALS	05/31/2022 1135	on ice 2.3°C 3.1°C 0.6°C, 4.8°C

USEPA / Tetra Tech Inc.
Contact Name: Brian Croft
Contact Phone: 206-300-0301
Project Code: 103X903520F0071211205

CHAIN OF CUSTODY RECORD
Garner Street Soils/CO

2205638

No: Garner St_001
Lab: ALS Environmental - Fort Collins, CO
Lab Contact: Katie M. O'Brien
Lab Phone: 970-490-1511

Lab #	Sample #	Location	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
257	GS-VACANT-00-06-DUP	GS-VACANT	Mercury	Surface Soil	5/17/2022	09:15	1	Jar	None	N
258	GS-VACANT-01-06	GS-VACANT	TAL Metals	Surface Soil	5/17/2022	09:15	1	Jar	None	N
259	GS-HOUSO-TRIP									
260	GS-VACANT-TRIP									

Special Instructions: PLEASE RETURN UNUSED PORTIONS OF ALL SOIL SAMPLES AFTER ANALYSES AND REPORTING IS COMPLETE

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
50:1 Sample	Chandler Broome TT	5/31/22 11:35	ALS	05/31/2022 1135	on ice 2.3°C 3.1°C 0.0°C, 1.8°C

ALS Environmental - Fort Colllins
CONDITION OF SAMPLE UPON RECEIPT FORM

Client: TETRA TECH Workorder No: 2205638

Project Manager: KMO Initials: AXK Date: 05/31/2022

		N/A	YES	NO
1.	Are airbills / shipping documents present and/or removable?		X	
	Tracking number:			
2.	Are custody seals on shipping containers intact?		X	
3.	Are custody seals on sample containers intact?	X		
4.	Is there a COC (chain-of-custody) present?		X	
5.	Is the COC in agreement with samples received? (IDs, dates, times, # of samples, # of containers, matrix, requested analyses, etc.)			X
6.	Are short-hold samples present?			X
7.	Are all samples within holding times for the requested analyses?		X	
8.	Were all sample containers received intact? (not broken or leaking)		X	
9.	Is there sufficient sample for the requested analyses?		X	
10.	Are samples in proper containers for requested analyses? (form 250, *Sample Handling Guidelines*)		X	
11.	Are all aqueous samples preserved correctly, if required? (excluding volatiles)		x	
12.	Are all samples requiring no headspace (VOC, GRO, RSK/MEE, radon) free of bubbles > 6 mm (1/4 inch) diameter? (i.e. size of green pea)	X		
13.	Were the samples shipped on ice?		X	
14.	Were cooler temperatures measured at 0.1-6.0°C? IR gun used*: #6	RAD ONLY	X	

Cooler #:	1	2	3	4			
Temperature (°C):	2.3	3.1	0.6	4.8			
# of custody seals on cooler:	1	1	1	1			
External µR/hr reading:	-	-	-	-			

Background µR/hr reading: 10

Were external µR/hr readings ≤ two times background and within DOT acceptance criteria? NA (If no, see Form 008.)

* Please provide details here for NO responses to boxes above - for 2 thru 5 & 7 thru 12, notify PM & continue w/ login.

Sample 259 bottle 1 GS-HOUSE-00-06-TRI not listed on coc, written in - Do not analyze per Brian Croft

Sample 260 bottle 1 GS-VACANT-00-06-TRI not listed on coc, written in - Do not analyze per Brian Croft

Were unpreserved bottles pH checked? NA All client bottle ID's vs ALS lab ID's double-checked by: ak

If applicable, was the client contacted? YES Contact: Maura Date/Time: 6/8/22

Project Manager Signature / Date: 6/08/22

Form 201r29.xls
(10/15/2019)

*IR Gun #3, VWR SN 170647571
*IR Gun #5, VWR SN 192272629

Sample Results

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-01A-00-01
Lab ID: 2205638-1

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.0
Date Collected: 17-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 11-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-1
QCBatchID: IP220610-1-1
Run ID: IM220610-11A3
Cleanup: NONE
Basis: Dry Weight
File Name: 185SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.031 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7100		15	6.4
7440-36-0	ANTIMONY	10	0.69		0.098	0.018
7440-38-2	ARSENIC	10	29		0.2	0.048
7440-39-3	BARIUM	10	160		0.49	0.23
7440-41-7	BERYLLIUM	10	1		0.049	0.0049
7440-43-9	CADMIUM	10	1.2		0.2	0.022
7440-70-2	CALCIUM	10	11000		98	17
7440-47-3	CHROMIUM	10	28		0.98	0.54
7440-48-4	COBALT	10	5.8		0.49	0.031
7440-50-8	COPPER	10	36		2	0.28
7439-89-6	IRON	10	19000		20	11
7439-92-1	LEAD	10	110		0.2	0.065
7439-95-4	MAGNESIUM	10	4000		9.8	3.2
7439-96-5	MANGANESE	10	580		0.74	0.37
7440-02-0	NICKEL	10	18		2	0.43
7440-09-7	POTASSIUM	10	3200		98	15
7782-49-2	SELENIUM	10	2.3		0.98	0.2
7440-22-4	SILVER	10	0.78		0.049	0.0081
7440-23-5	SODIUM	10	150		98	15
7440-28-0	THALLIUM	10	0.28		0.0098	0.0025
7440-62-2	VANADIUM	10	27		0.49	0.13
7440-66-6	ZINC	10	320		9.8	4

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-01A-01-06
Lab ID: 2205638-2

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.2
Date Collected: 17-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 11-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-1
QCBatchID: IP220610-1-1
Run ID: IM220610-11A3
Cleanup: NONE
Basis: Dry Weight
File Name: 186SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.007 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6800		15	6.5
7440-36-0	ANTIMONY	10	0.62		0.1	0.018
7440-38-2	ARSENIC	10	24		0.2	0.049
7440-39-3	BARIUM	10	150		0.5	0.23
7440-41-7	BERYLLIUM	10	1		0.05	0.005
7440-43-9	CADMIUM	10	1.1		0.2	0.022
7440-70-2	CALCIUM	10	11000		100	17
7440-47-3	CHROMIUM	10	23		1	0.55
7440-48-4	COBALT	10	5.6		0.5	0.032
7440-50-8	COPPER	10	33		2	0.29
7439-89-6	IRON	10	18000		20	11
7439-92-1	LEAD	10	97		0.2	0.066
7439-95-4	MAGNESIUM	10	3900		10	3.3
7439-96-5	MANGANESE	10	540		0.75	0.38
7440-02-0	NICKEL	10	18		2	0.44
7440-09-7	POTASSIUM	10	2700		100	15
7782-49-2	SELENIUM	10	2.2		1	0.2
7440-22-4	SILVER	10	0.65		0.05	0.0083
7440-23-5	SODIUM	10	130		100	15
7440-28-0	THALLIUM	10	0.26		0.01	0.0025
7440-62-2	VANADIUM	10	25		0.5	0.13
7440-66-6	ZINC	10	230		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-01B-00-01
Lab ID: 2205638-3

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 4.5
Date Collected: 18-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 11-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-1
QCBatchID: IP220610-1-1
Run ID: IM220610-11A3
Cleanup: NONE
Basis: Dry Weight
File Name: 187SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.018 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8000		15	6.7
7440-36-0	ANTIMONY	10	1		0.1	0.019
7440-38-2	ARSENIC	10	46		0.21	0.05
7440-39-3	BARIUM	10	210		0.51	0.24
7440-41-7	BERYLLIUM	10	0.7		0.051	0.0051
7440-43-9	CADMIUM	10	1.7		0.21	0.023
7440-70-2	CALCIUM	10	15000		100	17
7440-47-3	CHROMIUM	10	14		1	0.57
7440-48-4	COBALT	10	6.7		0.51	0.033
7440-50-8	COPPER	10	47		2.1	0.3
7439-89-6	IRON	10	25000		21	11
7439-92-1	LEAD	10	230		0.21	0.068
7439-95-4	MAGNESIUM	10	3000		10	3.4
7439-96-5	MANGANESE	10	560		0.77	0.39
7440-02-0	NICKEL	10	23		2.1	0.45
7440-09-7	POTASSIUM	10	2800		100	15
7782-49-2	SELENIUM	10	2.5		1	0.21
7440-22-4	SILVER	10	1.5		0.051	0.0085
7440-23-5	SODIUM	10	410		100	15
7440-28-0	THALLIUM	10	0.3		0.01	0.0026
7440-62-2	VANADIUM	10	34		0.51	0.13
7440-66-6	ZINC	10	390		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-01B-01-06
Lab ID: 2205638-4

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 7.4
Date Collected: 18-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 11-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-1
QCBatchID: IP220610-1-1
Run ID: IM220610-11A3
Cleanup: NONE
Basis: Dry Weight
File Name: 188SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.004 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	9100		16	7
7440-36-0	ANTIMONY	10	0.51		0.11	0.019
7440-38-2	ARSENIC	10	25		0.22	0.053
7440-39-3	BARIUM	10	230		0.54	0.25
7440-41-7	BERYLLIUM	10	0.84		0.054	0.0054
7440-43-9	CADMIUM	10	1.1		0.22	0.024
7440-70-2	CALCIUM	10	11000		110	18
7440-47-3	CHROMIUM	10	11		1.1	0.59
7440-48-4	COBALT	10	7.5		0.54	0.034
7440-50-8	COPPER	10	33		2.2	0.31
7439-89-6	IRON	10	25000		22	12
7439-92-1	LEAD	10	110		0.22	0.071
7439-95-4	MAGNESIUM	10	3100		11	3.5
7439-96-5	MANGANESE	10	610		0.81	0.41
7440-02-0	NICKEL	10	46		2.2	0.47
7440-09-7	POTASSIUM	10	2500		110	16
7782-49-2	SELENIUM	10	3.1		1.1	0.22
7440-22-4	SILVER	10	0.65		0.054	0.0089
7440-23-5	SODIUM	10	280		110	16
7440-28-0	THALLIUM	10	0.26		0.011	0.0027
7440-62-2	VANADIUM	10	31		0.54	0.14
7440-66-6	ZINC	10	230		11	4.4

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-01E-00-01
Lab ID: 2205638-5

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.0
Date Collected: 19-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 11-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-1
QCBatchID: IP220610-1-1
Run ID: IM220610-11A3
Cleanup: NONE
Basis: Dry Weight
File Name: 189SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.021 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6500		15	6.4
7440-36-0	ANTIMONY	10	1.2		0.099	0.018
7440-38-2	ARSENIC	10	54		0.2	0.048
7440-39-3	BARIUM	10	180		0.49	0.23
7440-41-7	BERYLLIUM	10	0.88		0.049	0.0049
7440-43-9	CADMIUM	10	1.9		0.2	0.022
7440-70-2	CALCIUM	10	15000		99	17
7440-47-3	CHROMIUM	10	16		0.99	0.54
7440-48-4	COBALT	10	6.3		0.49	0.032
7440-50-8	COPPER	10	63		2	0.29
7439-89-6	IRON	10	26000		20	11
7439-92-1	LEAD	10	180		0.2	0.065
7439-95-4	MAGNESIUM	10	4400		9.9	3.3
7439-96-5	MANGANESE	10	850		0.74	0.38
7440-02-0	NICKEL	10	14		2	0.44
7440-09-7	POTASSIUM	10	2900		99	15
7782-49-2	SELENIUM	10	2.7		0.99	0.2
7440-22-4	SILVER	10	1.3		0.049	0.0082
7440-23-5	SODIUM	10	170		99	15
7440-28-0	THALLIUM	10	0.31		0.0099	0.0025
7440-62-2	VANADIUM	10	35		0.49	0.13
7440-66-6	ZINC	10	460		9.9	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-01E-01-06
Lab ID: 2205638-7

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.1
Date Collected: 19-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 11-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-1
QCBatchID: IP220610-1-1
Run ID: IM220610-11A3
Cleanup: NONE
Basis: Dry Weight
File Name: 190SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.009 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7100		15	6.5
7440-36-0	ANTIMONY	10	0.99		0.1	0.018
7440-38-2	ARSENIC	10	45		0.2	0.049
7440-39-3	BARIUM	10	180		0.5	0.23
7440-41-7	BERYLLIUM	10	1		0.05	0.005
7440-43-9	CADMIUM	10	2		0.2	0.022
7440-70-2	CALCIUM	10	18000		100	17
7440-47-3	CHROMIUM	10	13		1	0.55
7440-48-4	COBALT	10	6.7		0.5	0.032
7440-50-8	COPPER	10	40		2	0.29
7439-89-6	IRON	10	25000		20	11
7439-92-1	LEAD	10	180		0.2	0.066
7439-95-4	MAGNESIUM	10	6000		10	3.3
7439-96-5	MANGANESE	10	900		0.75	0.38
7440-02-0	NICKEL	10	23		2	0.44
7440-09-7	POTASSIUM	10	2400		100	15
7782-49-2	SELENIUM	10	2.9		1	0.2
7440-22-4	SILVER	10	1.2		0.05	0.0083
7440-23-5	SODIUM	10	140		100	15
7440-28-0	THALLIUM	10	0.33		0.01	0.0025
7440-62-2	VANADIUM	10	30		0.5	0.13
7440-66-6	ZINC	10	390		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-02A-00-01
Lab ID: 2205638-8

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.0
Date Collected: 17-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 11-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-1
QCBatchID: IP220610-1-1
Run ID: IM220610-11A3
Cleanup: NONE
Basis: Dry Weight
File Name: 191SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.021 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7300		15	6.4
7440-36-0	ANTIMONY	10	0.56		0.099	0.018
7440-38-2	ARSENIC	10	24		0.2	0.048
7440-39-3	BARIUM	10	170		0.49	0.23
7440-41-7	BERYLLIUM	10	0.83		0.049	0.0049
7440-43-9	CADMIUM	10	1.2		0.2	0.022
7440-70-2	CALCIUM	10	11000		99	17
7440-47-3	CHROMIUM	10	13		0.99	0.54
7440-48-4	COBALT	10	5.7		0.49	0.032
7440-50-8	COPPER	10	28		2	0.29
7439-89-6	IRON	10	18000		20	11
7439-92-1	LEAD	10	91		0.2	0.065
7439-95-4	MAGNESIUM	10	3300		9.9	3.3
7439-96-5	MANGANESE	10	630		0.74	0.38
7440-02-0	NICKEL	10	13		2	0.44
7440-09-7	POTASSIUM	10	3000		99	15
7782-49-2	SELENIUM	10	2.1		0.99	0.2
7440-22-4	SILVER	10	0.59		0.049	0.0082
7440-23-5	SODIUM	10	120		99	15
7440-28-0	THALLIUM	10	0.25		0.0099	0.0025
7440-62-2	VANADIUM	10	25		0.49	0.13
7440-66-6	ZINC	10	310		9.9	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-02A-01-06
Lab ID: 2205638-9

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.7
Date Collected: 17-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 11-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-1
QCBatchID: IP220610-1-1
Run ID: IM220610-11A3
Cleanup: NONE
Basis: Dry Weight
File Name: 194SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.003 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7900		15	6.5
7440-36-0	ANTIMONY	10	0.55		0.1	0.018
7440-38-2	ARSENIC	10	26		0.2	0.049
7440-39-3	BARIUM	10	180		0.5	0.23
7440-41-7	BERYLLIUM	10	1.1		0.05	0.009
7440-43-9	CADMIUM	10	1.4		0.2	0.022
7440-70-2	CALCIUM	10	11000		100	17
7440-47-3	CHROMIUM	10	16		1	0.55
7440-48-4	COBALT	10	6.6		0.5	0.032
7440-50-8	COPPER	10	30		2	0.29
7439-89-6	IRON	10	20000		20	11
7439-92-1	LEAD	10	110		0.2	0.066
7439-95-4	MAGNESIUM	10	3900		10	3.3
7439-96-5	MANGANESE	10	690		0.75	0.38
7440-02-0	NICKEL	10	15		2	0.44
7440-09-7	POTASSIUM	10	3000		100	15
7782-49-2	SELENIUM	10	2.4		1	0.2
7440-22-4	SILVER	10	0.58		0.05	0.0083
7440-23-5	SODIUM	10	120		100	15
7440-28-0	THALLIUM	10	0.28		0.01	0.0025
7440-62-2	VANADIUM	10	26		0.5	0.13
7440-66-6	ZINC	10	320		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-02B-00-01
Lab ID: 2205638-10

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.8
Date Collected: 18-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 11-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-1
QCBatchID: IP220610-1-1
Run ID: IM220610-11A3
Cleanup: NONE
Basis: Dry Weight
File Name: 195SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.008 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8000		15	6.5
7440-36-0	ANTIMONY	10	0.76		0.1	0.018
7440-38-2	ARSENIC	10	43		0.2	0.049
7440-39-3	BARIUM	10	150		0.5	0.23
7440-41-7	BERYLLIUM	10	0.76		0.05	0.009
7440-43-9	CADMIUM	10	1.5		0.2	0.022
7440-70-2	CALCIUM	10	22000		100	17
7440-47-3	CHROMIUM	10	13		1	0.55
7440-48-4	COBALT	10	12		0.5	0.032
7440-50-8	COPPER	10	41		2	0.29
7439-89-6	IRON	10	31000		20	11
7439-92-1	LEAD	10	130		0.2	0.066
7439-95-4	MAGNESIUM	10	4400		10	3.3
7439-96-5	MANGANESE	10	840		0.75	0.38
7440-02-0	NICKEL	10	29		2	0.44
7440-09-7	POTASSIUM	10	2300		100	15
7782-49-2	SELENIUM	10	3.6		1	0.2
7440-22-4	SILVER	10	0.87		0.05	0.0083
7440-23-5	SODIUM	10	190		100	15
7440-28-0	THALLIUM	10	0.39		0.01	0.0025
7440-62-2	VANADIUM	10	34		0.5	0.13
7440-66-6	ZINC	10	270		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-02B-01-06
Lab ID: 2205638-11

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.7
Date Collected: 18-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 11-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-1
QCBatchID: IP220610-1-1
Run ID: IM220610-11A3
Cleanup: NONE
Basis: Dry Weight
File Name: 196SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7400		15	6.6
7440-36-0	ANTIMONY	10	0.67		0.1	0.018
7440-38-2	ARSENIC	10	37		0.2	0.05
7440-39-3	BARIUM	10	110		0.51	0.23
7440-41-7	BERYLLIUM	10	0.83		0.051	0.0092
7440-43-9	CADMIUM	10	1.2		0.2	0.022
7440-70-2	CALCIUM	10	23000		100	17
7440-47-3	CHROMIUM	10	11		1	0.56
7440-48-4	COBALT	10	12		0.51	0.033
7440-50-8	COPPER	10	37		2	0.3
7439-89-6	IRON	10	29000		20	11
7439-92-1	LEAD	10	110		0.2	0.067
7439-95-4	MAGNESIUM	10	4000		10	3.4
7439-96-5	MANGANESE	10	740		0.76	0.39
7440-02-0	NICKEL	10	28		2	0.45
7440-09-7	POTASSIUM	10	2100		100	15
7782-49-2	SELENIUM	10	3.8		1	0.2
7440-22-4	SILVER	10	0.75		0.051	0.0084
7440-23-5	SODIUM	10	200		100	15
7440-28-0	THALLIUM	10	0.32		0.01	0.0025
7440-62-2	VANADIUM	10	31		0.51	0.13
7440-66-6	ZINC	10	220		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-02E-00-01
Lab ID: 2205638-12

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.5
Date Collected: 19-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 11-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-1
QCBatchID: IP220610-1-1
Run ID: IM220610-11A3
Cleanup: NONE
Basis: Dry Weight
File Name: 197SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.003 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7700		15	6.5
7440-36-0	ANTIMONY	10	1.2		0.1	0.018
7440-38-2	ARSENIC	10	47		0.2	0.049
7440-39-3	BARIUM	10	200		0.5	0.23
7440-41-7	BERYLLIUM	10	0.94		0.05	0.009
7440-43-9	CADMIUM	10	2.1		0.2	0.022
7440-70-2	CALCIUM	10	12000		100	17
7440-47-3	CHROMIUM	10	14		1	0.55
7440-48-4	COBALT	10	8		0.5	0.032
7440-50-8	COPPER	10	46		2	0.29
7439-89-6	IRON	10	26000		20	11
7439-92-1	LEAD	10	170		0.2	0.066
7439-95-4	MAGNESIUM	10	3300		10	3.3
7439-96-5	MANGANESE	10	790		0.75	0.38
7440-02-0	NICKEL	10	19		2	0.44
7440-09-7	POTASSIUM	10	3200		100	15
7782-49-2	SELENIUM	10	2.7		1	0.2
7440-22-4	SILVER	10	1.1		0.05	0.0083
7440-23-5	SODIUM	10	130		100	15
7440-28-0	THALLIUM	10	0.34		0.01	0.0025
7440-62-2	VANADIUM	10	36		0.5	0.13
7440-66-6	ZINC	10	470		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-02E-01-06
Lab ID: 2205638-13

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.1
Date Collected: 19-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 11-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-1
QCBatchID: IP220610-1-1
Run ID: IM220610-11A3
Cleanup: NONE
Basis: Dry Weight
File Name: 198SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.008 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7500		15	6.5
7440-36-0	ANTIMONY	10	1.8		0.099	0.018
7440-38-2	ARSENIC	10	79		0.2	0.049
7440-39-3	BARIUM	10	160		0.5	0.23
7440-41-7	BERYLLIUM	10	0.97		0.05	0.0089
7440-43-9	CADMIUM	10	2.7		0.2	0.022
7440-70-2	CALCIUM	10	16000		99	17
7440-47-3	CHROMIUM	10	13		0.99	0.55
7440-48-4	COBALT	10	8.6		0.5	0.032
7440-50-8	COPPER	10	46		2	0.29
7439-89-6	IRON	10	33000		20	11
7439-92-1	LEAD	10	280		0.2	0.066
7439-95-4	MAGNESIUM	10	2900		9.9	3.3
7439-96-5	MANGANESE	10	1100		0.74	0.38
7440-02-0	NICKEL	10	22		2	0.44
7440-09-7	POTASSIUM	10	2700		99	15
7782-49-2	SELENIUM	10	2.9		0.99	0.2
7440-22-4	SILVER	10	1.9		0.05	0.0082
7440-23-5	SODIUM	10	130		99	15
7440-28-0	THALLIUM	10	0.41		0.0099	0.0025
7440-62-2	VANADIUM	10	41		0.5	0.13
7440-66-6	ZINC	10	480		9.9	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-03A-00-01
Lab ID: 2205638-14

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.9
Date Collected: 17-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 11-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-1
QCBatchID: IP220610-1-1
Run ID: IM220610-11A3
Cleanup: NONE
Basis: Dry Weight
File Name: 199SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.001 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7800		15	6.6
7440-36-0	ANTIMONY	10	0.9		0.1	0.018
7440-38-2	ARSENIC	10	35		0.2	0.049
7440-39-3	BARIUM	10	180		0.5	0.23
7440-41-7	BERYLLIUM	10	0.86		0.05	0.0091
7440-43-9	CADMIUM	10	1.4		0.2	0.022
7440-70-2	CALCIUM	10	11000		100	17
7440-47-3	CHROMIUM	10	15		1	0.55
7440-48-4	COBALT	10	7.5		0.5	0.032
7440-50-8	COPPER	10	34		2	0.29
7439-89-6	IRON	10	21000		20	11
7439-92-1	LEAD	10	120		0.2	0.067
7439-95-4	MAGNESIUM	10	3500		10	3.3
7439-96-5	MANGANESE	10	690		0.76	0.38
7440-02-0	NICKEL	10	25		2	0.44
7440-09-7	POTASSIUM	10	3100		100	15
7782-49-2	SELENIUM	10	2.2		1	0.2
7440-22-4	SILVER	10	0.83		0.05	0.0084
7440-23-5	SODIUM	10	140		100	15
7440-28-0	THALLIUM	10	0.31		0.01	0.0025
7440-62-2	VANADIUM	10	30		0.5	0.13
7440-66-6	ZINC	10	420		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-03A-01-06
Lab ID: 2205638-15

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.7
Date Collected: 17-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 11-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-1
QCBatchID: IP220610-1-1
Run ID: IM220610-11A3
Cleanup: NONE
Basis: Dry Weight
File Name: 200SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.002 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8900		15	6.6
7440-36-0	ANTIMONY	10	0.95		0.1	0.018
7440-38-2	ARSENIC	10	41		0.2	0.05
7440-39-3	BARIUM	10	240		0.51	0.23
7440-41-7	BERYLLIUM	10	0.98		0.051	0.0091
7440-43-9	CADMIUM	10	1.3		0.2	0.022
7440-70-2	CALCIUM	10	11000		100	17
7440-47-3	CHROMIUM	10	23		1	0.56
7440-48-4	COBALT	10	9.2		0.51	0.032
7440-50-8	COPPER	10	40		2	0.29
7439-89-6	IRON	10	26000		20	11
7439-92-1	LEAD	10	120		0.2	0.067
7439-95-4	MAGNESIUM	10	4200		10	3.3
7439-96-5	MANGANESE	10	790		0.76	0.39
7440-02-0	NICKEL	10	140		2	0.45
7440-09-7	POTASSIUM	10	2500		100	15
7782-49-2	SELENIUM	10	2.7		1	0.2
7440-22-4	SILVER	10	1		0.051	0.0084
7440-23-5	SODIUM	10	150		100	15
7440-28-0	THALLIUM	10	0.33		0.01	0.0025
7440-62-2	VANADIUM	10	34		0.51	0.13
7440-66-6	ZINC	10	260		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-03B-00-01
Lab ID: 2205638-16

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.1
Date Collected: 18-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 11-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-1
QCBatchID: IP220610-1-1
Run ID: IM220610-11A3
Cleanup: NONE
Basis: Dry Weight
File Name: 201SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.009 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7600		15	6.5
7440-36-0	ANTIMONY	10	0.91		0.1	0.018
7440-38-2	ARSENIC	10	44		0.2	0.049
7440-39-3	BARIUM	10	220		0.5	0.23
7440-41-7	BERYLLIUM	10	0.75		0.05	0.009
7440-43-9	CADMIUM	10	2.2		0.2	0.022
7440-70-2	CALCIUM	10	12000		100	17
7440-47-3	CHROMIUM	10	14		1	0.55
7440-48-4	COBALT	10	8.7		0.5	0.032
7440-50-8	COPPER	10	60		2	0.29
7439-89-6	IRON	10	29000		20	11
7439-92-1	LEAD	10	160		0.2	0.066
7439-95-4	MAGNESIUM	10	2700		10	3.3
7439-96-5	MANGANESE	10	830		0.75	0.38
7440-02-0	NICKEL	10	21		2	0.44
7440-09-7	POTASSIUM	10	2200		100	15
7782-49-2	SELENIUM	10	3.1		1	0.2
7440-22-4	SILVER	10	3.5		0.05	0.0083
7440-23-5	SODIUM	10	130		100	15
7440-28-0	THALLIUM	10	0.32		0.01	0.0025
7440-62-2	VANADIUM	10	34		0.5	0.13
7440-66-6	ZINC	10	360		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-03B-01-06
Lab ID: 2205638-17

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 4.2
Date Collected: 18-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 11-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-1
QCBatchID: IP220610-1-1
Run ID: IM220610-11A3
Cleanup: NONE
Basis: Dry Weight
File Name: 202SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.003 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8400		16	6.8
7440-36-0	ANTIMONY	10	1.1		0.1	0.019
7440-38-2	ARSENIC	10	56		0.21	0.051
7440-39-3	BARIUM	10	210		0.52	0.24
7440-41-7	BERYLLIUM	10	0.84		0.052	0.0094
7440-43-9	CADMIUM	10	3.1		0.21	0.023
7440-70-2	CALCIUM	10	13000		100	18
7440-47-3	CHROMIUM	10	13		1	0.57
7440-48-4	COBALT	10	10		0.52	0.033
7440-50-8	COPPER	10	55		2.1	0.3
7439-89-6	IRON	10	34000		21	11
7439-92-1	LEAD	10	240		0.21	0.069
7439-95-4	MAGNESIUM	10	3000		10	3.4
7439-96-5	MANGANESE	10	1100		0.78	0.4
7440-02-0	NICKEL	10	24		2.1	0.46
7440-09-7	POTASSIUM	10	2400		100	16
7782-49-2	SELENIUM	10	3.5		1	0.21
7440-22-4	SILVER	10	2.6		0.052	0.0086
7440-23-5	SODIUM	10	150		100	16
7440-28-0	THALLIUM	10	0.41		0.01	0.0026
7440-62-2	VANADIUM	10	37		0.52	0.14
7440-66-6	ZINC	10	600		10	4.3

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-03E-00-01
Lab ID: 2205638-18

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.6
Date Collected: 19-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 11-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-1
QCBatchID: IP220610-1-1
Run ID: IM220610-11A3
Cleanup: NONE
Basis: Dry Weight
File Name: 205SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.022 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8000		15	6.4
7440-36-0	ANTIMONY	10	1.2		0.098	0.018
7440-38-2	ARSENIC	10	44		0.2	0.048
7440-39-3	BARIUM	10	200		0.49	0.23
7440-41-7	BERYLLIUM	10	1		0.049	0.0089
7440-43-9	CADMIUM	10	2.1		0.2	0.022
7440-70-2	CALCIUM	10	10000		98	17
7440-47-3	CHROMIUM	10	21		0.98	0.54
7440-48-4	COBALT	10	7.2		0.49	0.031
7440-50-8	COPPER	10	41		2	0.29
7439-89-6	IRON	10	25000		20	11
7439-92-1	LEAD	10	160		0.2	0.065
7439-95-4	MAGNESIUM	10	3300		9.8	3.2
7439-96-5	MANGANESE	10	720		0.74	0.37
7440-02-0	NICKEL	10	16		2	0.43
7440-09-7	POTASSIUM	10	3500		98	15
7782-49-2	SELENIUM	10	2.6		0.98	0.2
7440-22-4	SILVER	10	1.3		0.049	0.0082
7440-23-5	SODIUM	10	150		98	15
7440-28-0	THALLIUM	10	0.32		0.0098	0.0025
7440-62-2	VANADIUM	10	35		0.49	0.13
7440-66-6	ZINC	10	450		9.8	4

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-03E-00-01-DUP
Lab ID: 2205638-19

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.3
Date Collected: 19-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 11-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-1
QCBatchID: IP220610-1-1
Run ID: IM220610-11A3
Cleanup: NONE
Basis: Dry Weight
File Name: 206SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.001 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7700		15	6.6
7440-36-0	ANTIMONY	10	1.1		0.1	0.018
7440-38-2	ARSENIC	10	39		0.2	0.05
7440-39-3	BARIUM	10	210		0.51	0.23
7440-41-7	BERYLLIUM	10	0.99		0.051	0.0091
7440-43-9	CADMIUM	10	2.2		0.2	0.022
7440-70-2	CALCIUM	10	10000		100	17
7440-47-3	CHROMIUM	10	22		1	0.56
7440-48-4	COBALT	10	6.9		0.51	0.032
7440-50-8	COPPER	10	40		2	0.29
7439-89-6	IRON	10	24000		20	11
7439-92-1	LEAD	10	170		0.2	0.067
7439-95-4	MAGNESIUM	10	3100		10	3.3
7439-96-5	MANGANESE	10	670		0.76	0.38
7440-02-0	NICKEL	10	17		2	0.45
7440-09-7	POTASSIUM	10	3800		100	15
7782-49-2	SELENIUM	10	2.6		1	0.2
7440-22-4	SILVER	10	1.5		0.051	0.0084
7440-23-5	SODIUM	10	140		100	15
7440-28-0	THALLIUM	10	0.32		0.01	0.0025
7440-62-2	VANADIUM	10	33		0.51	0.13
7440-66-6	ZINC	10	420		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-03E-00-01-TRI
Lab ID: 2205638-20

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.8
Date Collected: 19-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 11-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-1
QCBatchID: IP220610-1-1
Run ID: IM220610-11A3
Cleanup: NONE
Basis: Dry Weight
File Name: 207SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.003 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7500		15	6.5
7440-36-0	ANTIMONY	10	1.3		0.1	0.018
7440-38-2	ARSENIC	10	42		0.2	0.049
7440-39-3	BARIUM	10	200		0.5	0.23
7440-41-7	BERYLLIUM	10	1		0.05	0.009
7440-43-9	CADMIUM	10	2.3		0.2	0.022
7440-70-2	CALCIUM	10	12000		100	17
7440-47-3	CHROMIUM	10	21		1	0.55
7440-48-4	COBALT	10	7		0.5	0.032
7440-50-8	COPPER	10	39		2	0.29
7439-89-6	IRON	10	24000		20	11
7439-92-1	LEAD	10	180		0.2	0.066
7439-95-4	MAGNESIUM	10	3400		10	3.3
7439-96-5	MANGANESE	10	660		0.75	0.38
7440-02-0	NICKEL	10	15		2	0.44
7440-09-7	POTASSIUM	10	3900		100	15
7782-49-2	SELENIUM	10	2.7		1	0.2
7440-22-4	SILVER	10	1.5		0.05	0.0083
7440-23-5	SODIUM	10	140		100	15
7440-28-0	THALLIUM	10	0.33		0.01	0.0025
7440-62-2	VANADIUM	10	34		0.5	0.13
7440-66-6	ZINC	10	470		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-03E-01-06
Lab ID: 2205638-21

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.4
Date Collected: 19-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 11-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-1
QCBatchID: IP220610-1-1
Run ID: IM220610-11A3
Cleanup: NONE
Basis: Dry Weight
File Name: 208SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.003 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8400		15	6.5
7440-36-0	ANTIMONY	10	1.3		0.1	0.018
7440-38-2	ARSENIC	10	44		0.2	0.049
7440-39-3	BARIUM	10	220		0.5	0.23
7440-41-7	BERYLLIUM	10	1.2		0.05	0.009
7440-43-9	CADMIUM	10	2.7		0.2	0.022
7440-70-2	CALCIUM	10	12000		100	17
7440-47-3	CHROMIUM	10	28		1	0.55
7440-48-4	COBALT	10	6.9		0.5	0.032
7440-50-8	COPPER	10	47		2	0.29
7439-89-6	IRON	10	25000		20	11
7439-92-1	LEAD	10	210		0.2	0.066
7439-95-4	MAGNESIUM	10	4000		10	3.3
7439-96-5	MANGANESE	10	770		0.75	0.38
7440-02-0	NICKEL	10	26		2	0.44
7440-09-7	POTASSIUM	10	2900		100	15
7782-49-2	SELENIUM	10	2.9		1	0.2
7440-22-4	SILVER	10	2.9		0.05	0.0083
7440-23-5	SODIUM	10	130		100	15
7440-28-0	THALLIUM	10	0.34		0.01	0.0025
7440-62-2	VANADIUM	10	36		0.5	0.13
7440-66-6	ZINC	10	490		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-03E-01-06-DUP
Lab ID: 2205638-22

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.4
Date Collected: 19-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-2
QCBatchID: IP220610-2-1
Run ID: IM220614-11A2
Cleanup: NONE
Basis: Dry Weight
File Name: 042SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.003 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8900		15	6.6
7440-36-0	ANTIMONY	10	0.92		0.1	0.031
7440-38-2	ARSENIC	10	43		0.2	0.05
7440-39-3	BARIUM	10	240		0.51	0.23
7440-41-7	BERYLLIUM	10	1.2		0.051	0.0091
7440-43-9	CADMIUM	10	2.5		0.2	0.038
7440-70-2	CALCIUM	10	10000		100	19
7440-47-3	CHROMIUM	10	23		1	0.56
7440-48-4	COBALT	10	7.4		0.51	0.043
7440-50-8	COPPER	10	45		2	0.29
7439-89-6	IRON	10	27000		20	11
7439-92-1	LEAD	10	190		0.2	0.067
7439-95-4	MAGNESIUM	10	3700		10	3.3
7439-96-5	MANGANESE	10	760		0.76	0.38
7440-02-0	NICKEL	10	31		2	0.44
7440-09-7	POTASSIUM	10	3100		100	15
7782-49-2	SELENIUM	10	2.8		1	0.22
7440-22-4	SILVER	10	1.9		0.12	0.058
7440-23-5	SODIUM	10	160		100	15
7440-28-0	THALLIUM	10	0.32		0.01	0.0099
7440-62-2	VANADIUM	10	40		0.51	0.13
7440-66-6	ZINC	10	490		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-03E-01-06-TRI
Lab ID: 2205638-23

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.2
Date Collected: 19-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-2
QCBatchID: IP220610-2-1
Run ID: IM220614-11A2
Cleanup: NONE
Basis: Dry Weight
File Name: 043SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.003 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8800		15	6.6
7440-36-0	ANTIMONY	10	1		0.1	0.031
7440-38-2	ARSENIC	10	48		0.2	0.049
7440-39-3	BARIUM	10	330		0.5	0.23
7440-41-7	BERYLLIUM	10	1.2		0.05	0.0091
7440-43-9	CADMIUM	10	2.9		0.2	0.038
7440-70-2	CALCIUM	10	13000		100	19
7440-47-3	CHROMIUM	10	24		1	0.56
7440-48-4	COBALT	10	8.7		0.5	0.043
7440-50-8	COPPER	10	53		2	0.29
7439-89-6	IRON	10	28000		20	11
7439-92-1	LEAD	10	270		0.2	0.067
7439-95-4	MAGNESIUM	10	4800		10	3.3
7439-96-5	MANGANESE	10	870		0.76	0.38
7440-02-0	NICKEL	10	27		2	0.44
7440-09-7	POTASSIUM	10	3200		100	15
7782-49-2	SELENIUM	10	3.1		1	0.22
7440-22-4	SILVER	10	2.3		0.12	0.058
7440-23-5	SODIUM	10	170		100	15
7440-28-0	THALLIUM	10	0.36		0.01	0.0099
7440-62-2	VANADIUM	10	36		0.5	0.13
7440-66-6	ZINC	10	570		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-04A-00-01
Lab ID: 2205638-24

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.6
Date Collected: 17-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-2
QCBatchID: IP220610-2-1
Run ID: IM220614-11A2
Cleanup: NONE
Basis: Dry Weight
File Name: 044SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.021 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7800		15	6.4
7440-36-0	ANTIMONY	10	0.57		0.098	0.031
7440-38-2	ARSENIC	10	29		0.2	0.048
7440-39-3	BARIUM	10	210		0.49	0.23
7440-41-7	BERYLLIUM	10	0.77		0.049	0.0089
7440-43-9	CADMIUM	10	1.3		0.2	0.037
7440-70-2	CALCIUM	10	9500		98	18
7440-47-3	CHROMIUM	10	13		0.98	0.54
7440-48-4	COBALT	10	7.9		0.49	0.042
7440-50-8	COPPER	10	41		2	0.29
7439-89-6	IRON	10	20000		20	11
7439-92-1	LEAD	10	100		0.2	0.065
7439-95-4	MAGNESIUM	10	3700		9.8	3.3
7439-96-5	MANGANESE	10	620		0.74	0.37
7440-02-0	NICKEL	10	17		2	0.43
7440-09-7	POTASSIUM	10	3000		98	15
7782-49-2	SELENIUM	10	1.9		0.98	0.22
7440-22-4	SILVER	10	0.68		0.11	0.056
7440-23-5	SODIUM	10	98	J	98	15
7440-28-0	THALLIUM	10	0.27		0.0098	0.0097
7440-62-2	VANADIUM	10	27		0.49	0.13
7440-66-6	ZINC	10	320		9.8	4

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-04A-00-01-DUP
Lab ID: 2205638-25

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.4
Date Collected: 17-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-2
QCBatchID: IP220610-2-1
Run ID: IM220614-11A2
Cleanup: NONE
Basis: Dry Weight
File Name: 045SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.008 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7500		15	6.5
7440-36-0	ANTIMONY	10	0.74		0.1	0.031
7440-38-2	ARSENIC	10	28		0.2	0.049
7440-39-3	BARIUM	10	180		0.5	0.23
7440-41-7	BERYLLIUM	10	0.77		0.05	0.0091
7440-43-9	CADMIUM	10	3.1		0.2	0.038
7440-70-2	CALCIUM	10	10000		100	19
7440-47-3	CHROMIUM	10	12		1	0.55
7440-48-4	COBALT	10	8		0.5	0.043
7440-50-8	COPPER	10	35		2	0.29
7439-89-6	IRON	10	20000		20	11
7439-92-1	LEAD	10	94		0.2	0.066
7439-95-4	MAGNESIUM	10	3600		10	3.3
7439-96-5	MANGANESE	10	620		0.75	0.38
7440-02-0	NICKEL	10	18		2	0.44
7440-09-7	POTASSIUM	10	2900		100	15
7782-49-2	SELENIUM	10	1.9		1	0.22
7440-22-4	SILVER	10	0.66		0.11	0.057
7440-23-5	SODIUM	10	100	J	100	15
7440-28-0	THALLIUM	10	0.27		0.01	0.0099
7440-62-2	VANADIUM	10	26		0.5	0.13
7440-66-6	ZINC	10	340		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-04A-00-01-TRI
Lab ID: 2205638-26

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.6
Date Collected: 17-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-2
QCBatchID: IP220610-2-1
Run ID: IM220614-11A2
Cleanup: NONE
Basis: Dry Weight
File Name: 046SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.006 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7700		15	6.5
7440-36-0	ANTIMONY	10	0.69		0.1	0.031
7440-38-2	ARSENIC	10	30		0.2	0.049
7440-39-3	BARIUM	10	200		0.5	0.23
7440-41-7	BERYLLIUM	10	0.77		0.05	0.009
7440-43-9	CADMIUM	10	1.4		0.2	0.038
7440-70-2	CALCIUM	10	10000		100	18
7440-47-3	CHROMIUM	10	13		1	0.55
7440-48-4	COBALT	10	7.8		0.5	0.043
7440-50-8	COPPER	10	36		2	0.29
7439-89-6	IRON	10	21000		20	11
7439-92-1	LEAD	10	100		0.2	0.066
7439-95-4	MAGNESIUM	10	3700		10	3.3
7439-96-5	MANGANESE	10	660		0.75	0.38
7440-02-0	NICKEL	10	21		2	0.44
7440-09-7	POTASSIUM	10	3200		100	15
7782-49-2	SELENIUM	10	1.9		1	0.22
7440-22-4	SILVER	10	0.7		0.11	0.057
7440-23-5	SODIUM	10	100		100	15
7440-28-0	THALLIUM	10	0.27		0.01	0.0098
7440-62-2	VANADIUM	10	28		0.5	0.13
7440-66-6	ZINC	10	340		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-04A-01-06
Lab ID: 2205638-27

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.8
Date Collected: 17-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-2
QCBatchID: IP220610-2-1
Run ID: IM220614-11A2
Cleanup: NONE
Basis: Dry Weight
File Name: 047SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.011 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8100		15	6.5
7440-36-0	ANTIMONY	10	0.54		0.1	0.031
7440-38-2	ARSENIC	10	26		0.2	0.049
7440-39-3	BARIUM	10	240		0.5	0.23
7440-41-7	BERYLLIUM	10	0.8		0.05	0.009
7440-43-9	CADMIUM	10	2		0.2	0.038
7440-70-2	CALCIUM	10	9600		100	18
7440-47-3	CHROMIUM	10	12		1	0.55
7440-48-4	COBALT	10	9.9		0.5	0.043
7440-50-8	COPPER	10	33		2	0.29
7439-89-6	IRON	10	25000		20	11
7439-92-1	LEAD	10	79		0.2	0.066
7439-95-4	MAGNESIUM	10	3900		10	3.3
7439-96-5	MANGANESE	10	710		0.75	0.38
7440-02-0	NICKEL	10	35		2	0.44
7440-09-7	POTASSIUM	10	2300		100	15
7782-49-2	SELENIUM	10	2.3		1	0.22
7440-22-4	SILVER	10	0.47		0.11	0.057
7440-23-5	SODIUM	10	140		100	15
7440-28-0	THALLIUM	10	0.28		0.01	0.0098
7440-62-2	VANADIUM	10	27		0.5	0.13
7440-66-6	ZINC	10	200		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-04A-01-06-DUP
Lab ID: 2205638-28

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 5.1
Date Collected: 17-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-2
QCBatchID: IP220610-2-1
Run ID: IM220614-11A2
Cleanup: NONE
Basis: Dry Weight
File Name: 048SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.004 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8800		16	6.8
7440-36-0	ANTIMONY	10	0.54		0.1	0.033
7440-38-2	ARSENIC	10	27		0.21	0.051
7440-39-3	BARIUM	10	250		0.52	0.24
7440-41-7	BERYLLIUM	10	0.88		0.052	0.0094
7440-43-9	CADMIUM	10	1.3		0.21	0.04
7440-70-2	CALCIUM	10	11000		100	19
7440-47-3	CHROMIUM	10	12		1	0.58
7440-48-4	COBALT	10	11		0.52	0.045
7440-50-8	COPPER	10	36		2.1	0.3
7439-89-6	IRON	10	26000		21	12
7439-92-1	LEAD	10	70		0.21	0.069
7439-95-4	MAGNESIUM	10	4500		10	3.5
7439-96-5	MANGANESE	10	770		0.79	0.4
7440-02-0	NICKEL	10	52		2.1	0.46
7440-09-7	POTASSIUM	10	2300		100	16
7782-49-2	SELENIUM	10	2.6		1	0.23
7440-22-4	SILVER	10	0.43		0.12	0.06
7440-23-5	SODIUM	10	150		100	16
7440-28-0	THALLIUM	10	0.32		0.01	0.01
7440-62-2	VANADIUM	10	28		0.52	0.14
7440-66-6	ZINC	10	200		10	4.3

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-04A-01-06-TRI
Lab ID: 2205638-29

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.5
Date Collected: 17-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-2
QCBatchID: IP220610-2-1
Run ID: IM220614-11A2
Cleanup: NONE
Basis: Dry Weight
File Name: 049SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.012 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8600		15	6.5
7440-36-0	ANTIMONY	10	0.44		0.1	0.031
7440-38-2	ARSENIC	10	27		0.2	0.049
7440-39-3	BARIUM	10	250		0.5	0.23
7440-41-7	BERYLLIUM	10	0.88		0.05	0.009
7440-43-9	CADMIUM	10	1.2		0.2	0.038
7440-70-2	CALCIUM	10	11000		100	19
7440-47-3	CHROMIUM	10	13		1	0.55
7440-48-4	COBALT	10	11		0.5	0.043
7440-50-8	COPPER	10	38		2	0.29
7439-89-6	IRON	10	24000		20	11
7439-92-1	LEAD	10	76		0.2	0.066
7439-95-4	MAGNESIUM	10	4600		10	3.3
7439-96-5	MANGANESE	10	760		0.75	0.38
7440-02-0	NICKEL	10	50		2	0.44
7440-09-7	POTASSIUM	10	2400		100	15
7782-49-2	SELENIUM	10	2.5		1	0.22
7440-22-4	SILVER	10	0.53		0.11	0.057
7440-23-5	SODIUM	10	140		100	15
7440-28-0	THALLIUM	10	0.3		0.01	0.0098
7440-62-2	VANADIUM	10	28		0.5	0.13
7440-66-6	ZINC	10	220		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-04B-00-01
Lab ID: 2205638-30

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.2
Date Collected: 18-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-2
QCBatchID: IP220610-2-1
Run ID: IM220614-11A2
Cleanup: NONE
Basis: Dry Weight
File Name: 061SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.002 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8100		15	6.6
7440-36-0	ANTIMONY	10	1.4		0.1	0.031
7440-38-2	ARSENIC	10	75		0.2	0.05
7440-39-3	BARIUM	10	180		0.51	0.23
7440-41-7	BERYLLIUM	10	0.95		0.051	0.0091
7440-43-9	CADMIUM	10	9.6		0.2	0.038
7440-70-2	CALCIUM	10	13000		100	19
7440-47-3	CHROMIUM	10	12		1	0.56
7440-48-4	COBALT	10	9.8		0.51	0.043
7440-50-8	COPPER	10	58		2	0.29
7439-89-6	IRON	10	30000		20	11
7439-92-1	LEAD	10	250		0.2	0.067
7439-95-4	MAGNESIUM	10	6000		10	3.3
7439-96-5	MANGANESE	100	2200		7.6	3.8
7440-02-0	NICKEL	10	19		2	0.44
7440-09-7	POTASSIUM	10	3700		100	15
7782-49-2	SELENIUM	10	2.7		1	0.22
7440-22-4	SILVER	10	1.6		0.12	0.058
7440-23-5	SODIUM	10	500		100	15
7440-28-0	THALLIUM	10	0.41		0.01	0.0099
7440-62-2	VANADIUM	10	41		0.51	0.13
7440-66-6	ZINC	10	2400		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-04B-01-06
Lab ID: 2205638-31

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 4.3
Date Collected: 18-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-2
QCBatchID: IP220610-2-1
Run ID: IM220614-11A2
Cleanup: NONE
Basis: Dry Weight
File Name: 054SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.012 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8200		15	6.7
7440-36-0	ANTIMONY	10	1		0.1	0.032
7440-38-2	ARSENIC	10	55		0.21	0.051
7440-39-3	BARIUM	10	160		0.52	0.24
7440-41-7	BERYLLIUM	10	1.1		0.052	0.0093
7440-43-9	CADMIUM	10	9.4		0.21	0.039
7440-70-2	CALCIUM	10	32000		100	19
7440-47-3	CHROMIUM	10	12		1	0.57
7440-48-4	COBALT	10	12		0.52	0.044
7440-50-8	COPPER	10	62		2.1	0.3
7439-89-6	IRON	10	28000		21	11
7439-92-1	LEAD	10	220		0.21	0.068
7439-95-4	MAGNESIUM	10	5800		10	3.4
7439-96-5	MANGANESE	100	3100		7.7	3.9
7440-02-0	NICKEL	10	36		2.1	0.45
7440-09-7	POTASSIUM	10	2800		100	15
7782-49-2	SELENIUM	10	3.2		1	0.23
7440-22-4	SILVER	10	1.5		0.12	0.059
7440-23-5	SODIUM	10	350		100	15
7440-28-0	THALLIUM	10	0.37		0.01	0.01
7440-62-2	VANADIUM	10	36		0.52	0.13
7440-66-6	ZINC	10	1700		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-04E-00-01
Lab ID: 2205638-32

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.0
Date Collected: 19-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-2
QCBatchID: IP220610-2-1
Run ID: IM220614-11A2
Cleanup: NONE
Basis: Dry Weight
File Name: 055SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.003 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8100		15	6.5
7440-36-0	ANTIMONY	10	0.96		0.1	0.031
7440-38-2	ARSENIC	10	46		0.2	0.049
7440-39-3	BARIUM	10	250		0.5	0.23
7440-41-7	BERYLLIUM	10	0.99		0.05	0.0091
7440-43-9	CADMIUM	10	2.2		0.2	0.038
7440-70-2	CALCIUM	10	10000		100	19
7440-47-3	CHROMIUM	10	18		1	0.55
7440-48-4	COBALT	10	7.5		0.5	0.043
7440-50-8	COPPER	10	44		2	0.29
7439-89-6	IRON	10	27000		20	11
7439-92-1	LEAD	10	180		0.2	0.066
7439-95-4	MAGNESIUM	10	3600		10	3.3
7439-96-5	MANGANESE	10	740		0.76	0.38
7440-02-0	NICKEL	10	16		2	0.44
7440-09-7	POTASSIUM	10	3200		100	15
7782-49-2	SELENIUM	10	2.6		1	0.22
7440-22-4	SILVER	10	1.3		0.11	0.057
7440-23-5	SODIUM	10	200		100	15
7440-28-0	THALLIUM	10	0.34		0.01	0.0099
7440-62-2	VANADIUM	10	36		0.5	0.13
7440-66-6	ZINC	10	510		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-04E-01-06
Lab ID: 2205638-33

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.9
Date Collected: 19-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-2
QCBatchID: IP220610-2-1
Run ID: IM220614-11A2
Cleanup: NONE
Basis: Dry Weight
File Name: 056SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.015 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8300		15	6.5
7440-36-0	ANTIMONY	10	1.1		0.099	0.031
7440-38-2	ARSENIC	10	44		0.2	0.049
7440-39-3	BARIUM	10	240		0.5	0.23
7440-41-7	BERYLLIUM	10	1.2		0.05	0.0089
7440-43-9	CADMIUM	10	2.4		0.2	0.038
7440-70-2	CALCIUM	10	8800		99	18
7440-47-3	CHROMIUM	10	16		0.99	0.55
7440-48-4	COBALT	10	8.8		0.5	0.043
7440-50-8	COPPER	10	42		2	0.29
7439-89-6	IRON	10	29000		20	11
7439-92-1	LEAD	10	190		0.2	0.066
7439-95-4	MAGNESIUM	10	3400		9.9	3.3
7439-96-5	MANGANESE	10	900		0.75	0.38
7440-02-0	NICKEL	10	27		2	0.44
7440-09-7	POTASSIUM	10	2900		99	15
7782-49-2	SELENIUM	10	3.3		0.99	0.22
7440-22-4	SILVER	10	1.3		0.11	0.057
7440-23-5	SODIUM	10	160		99	15
7440-28-0	THALLIUM	10	0.36		0.0099	0.0097
7440-62-2	VANADIUM	10	34		0.5	0.13
7440-66-6	ZINC	10	480		9.9	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-05A-00-01
Lab ID: 2205638-34

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.9
Date Collected: 17-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-2
QCBatchID: IP220610-2-1
Run ID: IM220614-11A2
Cleanup: NONE
Basis: Dry Weight
File Name: 057SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.016 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7100		15	6.5
7440-36-0	ANTIMONY	10	0.67		0.099	0.031
7440-38-2	ARSENIC	10	31		0.2	0.049
7440-39-3	BARIUM	10	200		0.5	0.23
7440-41-7	BERYLLIUM	10	0.73		0.05	0.0089
7440-43-9	CADMIUM	10	1.4		0.2	0.038
7440-70-2	CALCIUM	10	11000		99	18
7440-47-3	CHROMIUM	10	11		0.99	0.55
7440-48-4	COBALT	10	6.8		0.5	0.043
7440-50-8	COPPER	10	31		2	0.29
7439-89-6	IRON	10	21000		20	11
7439-92-1	LEAD	10	120		0.2	0.066
7439-95-4	MAGNESIUM	10	4000		9.9	3.3
7439-96-5	MANGANESE	10	570		0.75	0.38
7440-02-0	NICKEL	10	15		2	0.44
7440-09-7	POTASSIUM	10	3200		99	15
7782-49-2	SELENIUM	10	1.9		0.99	0.22
7440-22-4	SILVER	10	0.79		0.11	0.057
7440-23-5	SODIUM	10	130		99	15
7440-28-0	THALLIUM	10	0.24		0.0099	0.0097
7440-62-2	VANADIUM	10	28		0.5	0.13
7440-66-6	ZINC	10	360		9.9	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-05A-01-06
Lab ID: 2205638-35

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 2.0
Date Collected: 17-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-2
QCBatchID: IP220610-2-1
Run ID: IM220614-11A2
Cleanup: NONE
Basis: Dry Weight
File Name: 058SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8100		15	6.6
7440-36-0	ANTIMONY	10	0.49		0.1	0.032
7440-38-2	ARSENIC	10	24		0.2	0.05
7440-39-3	BARIUM	10	210		0.51	0.23
7440-41-7	BERYLLIUM	10	0.81		0.051	0.0092
7440-43-9	CADMIUM	10	1.1		0.2	0.039
7440-70-2	CALCIUM	10	10000		100	19
7440-47-3	CHROMIUM	10	11		1	0.56
7440-48-4	COBALT	10	8.1		0.51	0.044
7440-50-8	COPPER	10	32		2	0.3
7439-89-6	IRON	10	21000		20	11
7439-92-1	LEAD	10	100		0.2	0.067
7439-95-4	MAGNESIUM	10	4200		10	3.4
7439-96-5	MANGANESE	10	550		0.76	0.39
7440-02-0	NICKEL	10	49		2	0.45
7440-09-7	POTASSIUM	10	2300		100	15
7782-49-2	SELENIUM	10	2.1		1	0.23
7440-22-4	SILVER	10	0.57		0.12	0.058
7440-23-5	SODIUM	10	120		100	15
7440-28-0	THALLIUM	10	0.26		0.01	0.01
7440-62-2	VANADIUM	10	25		0.51	0.13
7440-66-6	ZINC	10	200		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-05B-00-01
Lab ID: 2205638-36

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.9
Date Collected: 18-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-2
QCBatchID: IP220610-2-1
Run ID: IM220614-11A2
Cleanup: NONE
Basis: Dry Weight
File Name: 060SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.034 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	10000		15	6.3
7440-36-0	ANTIMONY	10	0.96		0.098	0.03
7440-38-2	ARSENIC	10	53		0.2	0.048
7440-39-3	BARIUM	10	110		0.49	0.22
7440-41-7	BERYLLIUM	10	1.2		0.049	0.0088
7440-43-9	CADMIUM	10	16		0.2	0.037
7440-70-2	CALCIUM	10	22000		98	18
7440-47-3	CHROMIUM	10	14		0.98	0.54
7440-48-4	COBALT	10	12		0.49	0.042
7440-50-8	COPPER	10	86		2	0.28
7439-89-6	IRON	10	30000		20	11
7439-92-1	LEAD	10	190		0.2	0.064
7439-95-4	MAGNESIUM	10	4200		9.8	3.2
7439-96-5	MANGANESE	100	4800		7.3	3.7
7440-02-0	NICKEL	10	42		2	0.43
7440-09-7	POTASSIUM	10	2600		98	15
7782-49-2	SELENIUM	10	3.3		0.98	0.22
7440-22-4	SILVER	10	1.3		0.11	0.056
7440-23-5	SODIUM	10	310		98	15
7440-28-0	THALLIUM	10	0.38		0.0098	0.0096
7440-62-2	VANADIUM	10	39		0.49	0.13
7440-66-6	ZINC	10	2900		9.8	4

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-05B-01-06
Lab ID: 2205638-37

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.6
Date Collected: 18-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-2
QCBatchID: IP220610-2-1
Run ID: IM220614-11A2
Cleanup: NONE
Basis: Dry Weight
File Name: 065SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.017 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	9900		15	6.4
7440-36-0	ANTIMONY	10	1.2		0.099	0.031
7440-38-2	ARSENIC	10	55		0.2	0.048
7440-39-3	BARIUM	10	150		0.49	0.23
7440-41-7	BERYLLIUM	10	1		0.049	0.0089
7440-43-9	CADMIUM	10	11		0.2	0.038
7440-70-2	CALCIUM	10	13000		99	18
7440-47-3	CHROMIUM	10	15		0.99	0.54
7440-48-4	COBALT	10	11		0.49	0.043
7440-50-8	COPPER	10	76		2	0.29
7439-89-6	IRON	10	29000		20	11
7439-92-1	LEAD	10	190		0.2	0.065
7439-95-4	MAGNESIUM	10	4600		9.9	3.3
7439-96-5	MANGANESE	100	2800		7.4	3.8
7440-02-0	NICKEL	10	25		2	0.44
7440-09-7	POTASSIUM	10	2900		99	15
7782-49-2	SELENIUM	10	2.9		0.99	0.22
7440-22-4	SILVER	10	1.3		0.11	0.056
7440-23-5	SODIUM	10	510		99	15
7440-28-0	THALLIUM	10	0.34		0.0099	0.0097
7440-62-2	VANADIUM	10	40		0.49	0.13
7440-66-6	ZINC	10	2600		9.9	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-06A-00-01
Lab ID: 2205638-38

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.0
Date Collected: 17-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-2
QCBatchID: IP220610-2-1
Run ID: IM220614-11A2
Cleanup: NONE
Basis: Dry Weight
File Name: 066SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.012 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7300		15	6.5
7440-36-0	ANTIMONY	10	0.47		0.1	0.031
7440-38-2	ARSENIC	10	19		0.2	0.049
7440-39-3	BARIUM	10	190		0.5	0.23
7440-41-7	BERYLLIUM	10	0.64		0.05	0.009
7440-43-9	CADMIUM	10	0.91		0.2	0.038
7440-70-2	CALCIUM	10	7500		100	18
7440-47-3	CHROMIUM	10	9.1		1	0.55
7440-48-4	COBALT	10	6.3		0.5	0.043
7440-50-8	COPPER	10	25		2	0.29
7439-89-6	IRON	10	17000		20	11
7439-92-1	LEAD	10	61		0.2	0.066
7439-95-4	MAGNESIUM	10	2500		10	3.3
7439-96-5	MANGANESE	10	480		0.75	0.38
7440-02-0	NICKEL	10	15		2	0.44
7440-09-7	POTASSIUM	10	2600		100	15
7782-49-2	SELENIUM	10	1.8		1	0.22
7440-22-4	SILVER	10	0.41		0.11	0.057
7440-23-5	SODIUM	10	89	J	100	15
7440-28-0	THALLIUM	10	0.22		0.01	0.0098
7440-62-2	VANADIUM	10	23		0.5	0.13
7440-66-6	ZINC	10	230		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-06A-01-06
Lab ID: 2205638-39

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 3.6
Date Collected: 17-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-2
QCBatchID: IP220610-2-1
Run ID: IM220614-11A2
Cleanup: NONE
Basis: Dry Weight
File Name: 067SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.006 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8700		15	6.7
7440-36-0	ANTIMONY	10	0.39		0.1	0.032
7440-38-2	ARSENIC	10	17		0.21	0.051
7440-39-3	BARIUM	10	210		0.52	0.24
7440-41-7	BERYLLIUM	10	0.86		0.052	0.0093
7440-43-9	CADMIUM	10	0.77		0.21	0.039
7440-70-2	CALCIUM	10	7300		100	19
7440-47-3	CHROMIUM	10	11		1	0.57
7440-48-4	COBALT	10	7.5		0.52	0.044
7440-50-8	COPPER	10	27		2.1	0.3
7439-89-6	IRON	10	20000		21	11
7439-92-1	LEAD	10	60		0.21	0.068
7439-95-4	MAGNESIUM	10	3000		10	3.4
7439-96-5	MANGANESE	10	480		0.77	0.39
7440-02-0	NICKEL	10	63		2.1	0.45
7440-09-7	POTASSIUM	10	2300		100	15
7782-49-2	SELENIUM	10	2.3		1	0.23
7440-22-4	SILVER	10	0.3		0.12	0.059
7440-23-5	SODIUM	10	110		100	15
7440-28-0	THALLIUM	10	0.26		0.01	0.01
7440-62-2	VANADIUM	10	25		0.52	0.13
7440-66-6	ZINC	10	180		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-06B-00-01
Lab ID: 2205638-40

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.0
Date Collected: 18-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-2
QCBatchID: IP220610-2-1
Run ID: IM220614-11A2
Cleanup: NONE
Basis: Dry Weight
File Name: 069SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.014 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7500		15	6.5
7440-36-0	ANTIMONY	10	1	N	0.1	0.031
7440-38-2	ARSENIC	10	50		0.2	0.049
7440-39-3	BARIUM	10	130		0.5	0.23
7440-41-7	BERYLLIUM	10	0.79		0.05	0.009
7440-43-9	CADMIUM	10	23		0.2	0.038
7440-70-2	CALCIUM	10	12000		100	18
7440-47-3	CHROMIUM	10	12		1	0.55
7440-48-4	COBALT	10	8.2		0.5	0.043
7440-50-8	COPPER	10	41		2	0.29
7439-89-6	IRON	10	25000		20	11
7439-92-1	LEAD	10	180		0.2	0.066
7439-95-4	MAGNESIUM	10	6100		10	3.3
7439-96-5	MANGANESE	100	2200		7.5	3.8
7440-02-0	NICKEL	10	33		2	0.44
7440-09-7	POTASSIUM	10	2700		100	15
7782-49-2	SELENIUM	10	2.3		1	0.22
7440-22-4	SILVER	10	1.4	N	0.11	0.057
7440-23-5	SODIUM	10	1000		100	15
7440-28-0	THALLIUM	10	0.3		0.01	0.0098
7440-62-2	VANADIUM	10	34		0.5	0.13
7440-66-6	ZINC	10	5500		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-06B-01-06
Lab ID: 2205638-41

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 4.4
Date Collected: 18-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-5
QCBatchID: IP220610-5-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 042SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.016 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8700		15	6.7
7440-36-0	ANTIMONY	10	0.65	N	0.1	0.032
7440-38-2	ARSENIC	10	56		0.21	0.05
7440-39-3	BARIUM	10	130		0.51	0.24
7440-41-7	BERYLLIUM	10	0.96		0.051	0.0093
7440-43-9	CADMIUM	10	21		0.21	0.039
7440-70-2	CALCIUM	10	22000		100	19
7440-47-3	CHROMIUM	10	14		1	0.57
7440-48-4	COBALT	10	10		0.51	0.044
7440-50-8	COPPER	10	52		2.1	0.3
7439-89-6	IRON	10	29000		21	11
7439-92-1	LEAD	10	220		0.21	0.068
7439-95-4	MAGNESIUM	10	5700		10	3.4
7439-96-5	MANGANESE	100	4000		7.7	3.9
7440-02-0	NICKEL	10	40		2.1	0.45
7440-09-7	POTASSIUM	10	2400		100	15
7782-49-2	SELENIUM	10	2.8		1	0.23
7440-22-4	SILVER	10	1.4		0.12	0.059
7440-23-5	SODIUM	10	440		100	15
7440-28-0	THALLIUM	10	0.31		0.01	0.01
7440-62-2	VANADIUM	10	35		0.51	0.13
7440-66-6	ZINC	10	5100		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-06E-00-01
Lab ID: 2205638-42

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.3
Date Collected: 19-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-5
QCBatchID: IP220610-5-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 016SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.003 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7800		15	6.6
7440-36-0	ANTIMONY	10	0.71		0.1	0.031
7440-38-2	ARSENIC	10	37		0.2	0.049
7440-39-3	BARIUM	10	230		0.5	0.23
7440-41-7	BERYLLIUM	10	1		0.05	0.0091
7440-43-9	CADMIUM	10	2.1		0.2	0.038
7440-70-2	CALCIUM	10	9500		100	19
7440-47-3	CHROMIUM	10	13		1	0.56
7440-48-4	COBALT	10	6.6		0.5	0.043
7440-50-8	COPPER	10	36		2	0.29
7439-89-6	IRON	10	25000		20	11
7439-92-1	LEAD	10	140		0.2	0.067
7439-95-4	MAGNESIUM	10	2800		10	3.3
7439-96-5	MANGANESE	10	660		0.76	0.38
7440-02-0	NICKEL	10	16		2	0.44
7440-09-7	POTASSIUM	10	3200		100	15
7782-49-2	SELENIUM	10	2.5		1	0.22
7440-22-4	SILVER	10	0.96		0.12	0.058
7440-23-5	SODIUM	10	200		100	15
7440-28-0	THALLIUM	10	0.31		0.01	0.0099
7440-62-2	VANADIUM	10	30		0.5	0.13
7440-66-6	ZINC	10	370		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-06E-01-06
Lab ID: 2205638-43

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.1
Date Collected: 19-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-5
QCBatchID: IP220610-5-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 017SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.02 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8200		15	6.4
7440-36-0	ANTIMONY	10	1.2		0.099	0.031
7440-38-2	ARSENIC	10	70		0.2	0.049
7440-39-3	BARIUM	10	310		0.5	0.23
7440-41-7	BERYLLIUM	10	1.2		0.05	0.0089
7440-43-9	CADMIUM	10	2.7		0.2	0.038
7440-70-2	CALCIUM	10	7500		99	18
7440-47-3	CHROMIUM	10	14		0.99	0.55
7440-48-4	COBALT	10	9.6		0.5	0.043
7440-50-8	COPPER	10	44		2	0.29
7439-89-6	IRON	10	35000		20	11
7439-92-1	LEAD	10	260		0.2	0.065
7439-95-4	MAGNESIUM	10	2900		9.9	3.3
7439-96-5	MANGANESE	10	1000		0.74	0.38
7440-02-0	NICKEL	10	25		2	0.44
7440-09-7	POTASSIUM	10	2700		99	15
7782-49-2	SELENIUM	10	3.5		0.99	0.22
7440-22-4	SILVER	10	1.9		0.11	0.057
7440-23-5	SODIUM	10	150		99	15
7440-28-0	THALLIUM	10	0.4		0.0099	0.0097
7440-62-2	VANADIUM	10	39		0.5	0.13
7440-66-6	ZINC	10	400		9.9	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-07A-00-01
Lab ID: 2205638-44

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.6
Date Collected: 17-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-5
QCBatchID: IP220610-5-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 018SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.006 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7400		15	6.5
7440-36-0	ANTIMONY	10	0.47		0.1	0.031
7440-38-2	ARSENIC	10	22		0.2	0.049
7440-39-3	BARIUM	10	200		0.5	0.23
7440-41-7	BERYLLIUM	10	0.73		0.05	0.009
7440-43-9	CADMIUM	10	1		0.2	0.038
7440-70-2	CALCIUM	10	9900		100	19
7440-47-3	CHROMIUM	10	11		1	0.55
7440-48-4	COBALT	10	8.1		0.5	0.043
7440-50-8	COPPER	10	32		2	0.29
7439-89-6	IRON	10	20000		20	11
7439-92-1	LEAD	10	80		0.2	0.066
7439-95-4	MAGNESIUM	10	3400		10	3.3
7439-96-5	MANGANESE	10	610		0.75	0.38
7440-02-0	NICKEL	10	19		2	0.44
7440-09-7	POTASSIUM	10	2500		100	15
7782-49-2	SELENIUM	10	2		1	0.22
7440-22-4	SILVER	10	0.46		0.11	0.057
7440-23-5	SODIUM	10	120		100	15
7440-28-0	THALLIUM	10	0.24		0.01	0.0098
7440-62-2	VANADIUM	10	27		0.5	0.13
7440-66-6	ZINC	10	290		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-07A-01-06
Lab ID: 2205638-45

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.6
Date Collected: 17-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-5
QCBatchID: IP220610-5-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 021SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.001 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7900		15	6.6
7440-36-0	ANTIMONY	10	0.34		0.1	0.031
7440-38-2	ARSENIC	10	19		0.2	0.05
7440-39-3	BARIUM	10	200		0.51	0.23
7440-41-7	BERYLLIUM	10	0.75		0.051	0.0091
7440-43-9	CADMIUM	10	0.9		0.2	0.039
7440-70-2	CALCIUM	10	11000		100	19
7440-47-3	CHROMIUM	10	11		1	0.56
7440-48-4	COBALT	10	7.9		0.51	0.044
7440-50-8	COPPER	10	30		2	0.29
7439-89-6	IRON	10	21000		20	11
7439-92-1	LEAD	10	77		0.2	0.067
7439-95-4	MAGNESIUM	10	3400		10	3.3
7439-96-5	MANGANESE	10	590		0.76	0.39
7440-02-0	NICKEL	10	46		2	0.45
7440-09-7	POTASSIUM	10	2100		100	15
7782-49-2	SELENIUM	10	2.1		1	0.23
7440-22-4	SILVER	10	0.43		0.12	0.058
7440-23-5	SODIUM	10	120		100	15
7440-28-0	THALLIUM	10	0.24		0.01	0.0099
7440-62-2	VANADIUM	10	27		0.51	0.13
7440-66-6	ZINC	10	210		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-07A1-00-01
Lab ID: 2205638-46

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.6
Date Collected: 17-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-5
QCBatchID: IP220610-5-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 022SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.004 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7500		15	6.6
7440-36-0	ANTIMONY	10	0.35		0.1	0.031
7440-38-2	ARSENIC	10	22		0.2	0.05
7440-39-3	BARIUM	10	200		0.51	0.23
7440-41-7	BERYLLIUM	10	0.59		0.051	0.0091
7440-43-9	CADMIUM	10	1		0.2	0.038
7440-70-2	CALCIUM	10	7200		100	19
7440-47-3	CHROMIUM	10	12		1	0.56
7440-48-4	COBALT	10	6.4		0.51	0.044
7440-50-8	COPPER	10	30		2	0.29
7439-89-6	IRON	10	19000		20	11
7439-92-1	LEAD	10	88		0.2	0.067
7439-95-4	MAGNESIUM	10	2300		10	3.3
7439-96-5	MANGANESE	10	420		0.76	0.38
7440-02-0	NICKEL	10	15		2	0.45
7440-09-7	POTASSIUM	10	2800		100	15
7782-49-2	SELENIUM	10	1.7		1	0.22
7440-22-4	SILVER	10	0.47		0.12	0.058
7440-23-5	SODIUM	10	170		100	15
7440-28-0	THALLIUM	10	0.23		0.01	0.0099
7440-62-2	VANADIUM	10	26		0.51	0.13
7440-66-6	ZINC	10	240		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-07A1-01-06
Lab ID: 2205638-47

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.9
Date Collected: 17-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-5
QCBatchID: IP220610-5-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 023SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.004 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7900		15	6.5
7440-36-0	ANTIMONY	10	0.29		0.1	0.031
7440-38-2	ARSENIC	10	18		0.2	0.049
7440-39-3	BARIUM	10	180		0.5	0.23
7440-41-7	BERYLLIUM	10	0.59		0.05	0.009
7440-43-9	CADMIUM	10	0.71		0.2	0.038
7440-70-2	CALCIUM	10	6000		100	19
7440-47-3	CHROMIUM	10	11		1	0.55
7440-48-4	COBALT	10	6.4		0.5	0.043
7440-50-8	COPPER	10	26		2	0.29
7439-89-6	IRON	10	18000		20	11
7439-92-1	LEAD	10	63		0.2	0.066
7439-95-4	MAGNESIUM	10	2200		10	3.3
7439-96-5	MANGANESE	10	400		0.75	0.38
7440-02-0	NICKEL	10	30		2	0.44
7440-09-7	POTASSIUM	10	2200		100	15
7782-49-2	SELENIUM	10	1.7		1	0.22
7440-22-4	SILVER	10	0.37		0.11	0.057
7440-23-5	SODIUM	10	240		100	15
7440-28-0	THALLIUM	10	0.22		0.01	0.0099
7440-62-2	VANADIUM	10	25		0.5	0.13
7440-66-6	ZINC	10	160		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-07B-00-01
Lab ID: 2205638-48

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.1
Date Collected: 18-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-5
QCBatchID: IP220610-5-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 024SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.002 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7100		15	6.6
7440-36-0	ANTIMONY	10	0.97		0.1	0.031
7440-38-2	ARSENIC	10	56		0.2	0.049
7440-39-3	BARIUM	10	180		0.5	0.23
7440-41-7	BERYLLIUM	10	0.75		0.05	0.0091
7440-43-9	CADMIUM	10	6.6		0.2	0.038
7440-70-2	CALCIUM	10	7800		100	19
7440-47-3	CHROMIUM	10	11		1	0.55
7440-48-4	COBALT	10	7.8		0.5	0.043
7440-50-8	COPPER	10	43		2	0.29
7439-89-6	IRON	10	26000		20	11
7439-92-1	LEAD	10	210		0.2	0.067
7439-95-4	MAGNESIUM	10	3600		10	3.3
7439-96-5	MANGANESE	10	1600		0.76	0.38
7440-02-0	NICKEL	10	20		2	0.44
7440-09-7	POTASSIUM	10	3000		100	15
7782-49-2	SELENIUM	10	2.4		1	0.22
7440-22-4	SILVER	10	2		0.11	0.057
7440-23-5	SODIUM	10	230		100	15
7440-28-0	THALLIUM	10	0.33		0.01	0.0099
7440-62-2	VANADIUM	10	36		0.5	0.13
7440-66-6	ZINC	10	1900		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-07B-01-06
Lab ID: 2205638-49

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.6
Date Collected: 18-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-5
QCBatchID: IP220610-5-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 039SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.031 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8400		15	6.3
7440-36-0	ANTIMONY	10	0.94		0.098	0.03
7440-38-2	ARSENIC	10	60		0.2	0.048
7440-39-3	BARIUM	10	140		0.49	0.22
7440-41-7	BERYLLIUM	10	0.98		0.049	0.0088
7440-43-9	CADMIUM	10	16		0.2	0.037
7440-70-2	CALCIUM	10	21000		98	18
7440-47-3	CHROMIUM	10	12		0.98	0.54
7440-48-4	COBALT	10	12		0.49	0.042
7440-50-8	COPPER	10	56		2	0.28
7439-89-6	IRON	10	30000		20	11
7439-92-1	LEAD	10	250		0.2	0.064
7439-95-4	MAGNESIUM	10	4400		9.8	3.2
7439-96-5	MANGANESE	100	3600		7.3	3.7
7440-02-0	NICKEL	10	35		2	0.43
7440-09-7	POTASSIUM	10	2500		98	15
7782-49-2	SELENIUM	10	2.6		0.98	0.22
7440-22-4	SILVER	10	1.8		0.11	0.056
7440-23-5	SODIUM	10	240		98	15
7440-28-0	THALLIUM	10	0.38		0.0098	0.0096
7440-62-2	VANADIUM	10	38		0.49	0.13
7440-66-6	ZINC	10	3700		9.8	4

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-07E-00-01
Lab ID: 2205638-50

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.8
Date Collected: 19-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-5
QCBatchID: IP220610-5-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 026SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.008 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7400		15	6.5
7440-36-0	ANTIMONY	10	1.1		0.1	0.031
7440-38-2	ARSENIC	10	54		0.2	0.049
7440-39-3	BARIUM	10	200		0.5	0.23
7440-41-7	BERYLLIUM	10	1		0.05	0.009
7440-43-9	CADMIUM	10	2.6		0.2	0.038
7440-70-2	CALCIUM	10	8800		100	19
7440-47-3	CHROMIUM	10	13		1	0.55
7440-48-4	COBALT	10	7		0.5	0.043
7440-50-8	COPPER	10	47		2	0.29
7439-89-6	IRON	10	28000		20	11
7439-92-1	LEAD	10	240		0.2	0.066
7439-95-4	MAGNESIUM	10	3000		10	3.3
7439-96-5	MANGANESE	10	850		0.75	0.38
7440-02-0	NICKEL	10	16		2	0.44
7440-09-7	POTASSIUM	10	3200		100	15
7782-49-2	SELENIUM	10	2.6		1	0.22
7440-22-4	SILVER	10	1.7		0.11	0.057
7440-23-5	SODIUM	10	170		100	15
7440-28-0	THALLIUM	10	0.35		0.01	0.0098
7440-62-2	VANADIUM	10	34		0.5	0.13
7440-66-6	ZINC	10	500		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-07E-01-06
Lab ID: 2205638-51

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.4
Date Collected: 19-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-5
QCBatchID: IP220610-5-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 027SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.014 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7500		15	6.5
7440-36-0	ANTIMONY	10	1.9		0.1	0.031
7440-38-2	ARSENIC	10	110		0.2	0.049
7440-39-3	BARIUM	10	290		0.5	0.23
7440-41-7	BERYLLIUM	10	0.96		0.05	0.009
7440-43-9	CADMIUM	10	2.8		0.2	0.038
7440-70-2	CALCIUM	10	7500		100	19
7440-47-3	CHROMIUM	10	14		1	0.55
7440-48-4	COBALT	10	8.6		0.5	0.043
7440-50-8	COPPER	10	55		2	0.29
7439-89-6	IRON	10	41000		20	11
7439-92-1	LEAD	10	430		0.2	0.066
7439-95-4	MAGNESIUM	10	2900		10	3.3
7439-96-5	MANGANESE	10	1200		0.75	0.38
7440-02-0	NICKEL	10	21		2	0.44
7440-09-7	POTASSIUM	10	2700		100	15
7782-49-2	SELENIUM	10	3.3		1	0.22
7440-22-4	SILVER	10	3.2		0.11	0.057
7440-23-5	SODIUM	10	130		100	15
7440-28-0	THALLIUM	10	0.43		0.01	0.0098
7440-62-2	VANADIUM	10	45		0.5	0.13
7440-66-6	ZINC	10	530		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-08A-00-01
Lab ID: 2205638-52

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.0
Date Collected: 17-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-5
QCBatchID: IP220610-5-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 028SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.017 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7000		15	6.5
7440-36-0	ANTIMONY	10	0.44		0.099	0.031
7440-38-2	ARSENIC	10	25		0.2	0.049
7440-39-3	BARIUM	10	190		0.5	0.23
7440-41-7	BERYLLIUM	10	0.61		0.05	0.0089
7440-43-9	CADMIUM	10	1.1		0.2	0.038
7440-70-2	CALCIUM	10	7200		99	18
7440-47-3	CHROMIUM	10	12		0.99	0.55
7440-48-4	COBALT	10	5.9		0.5	0.043
7440-50-8	COPPER	10	25		2	0.29
7439-89-6	IRON	10	18000		20	11
7439-92-1	LEAD	10	100		0.2	0.066
7439-95-4	MAGNESIUM	10	2500		9.9	3.3
7439-96-5	MANGANESE	10	490		0.75	0.38
7440-02-0	NICKEL	10	12		2	0.44
7440-09-7	POTASSIUM	10	2400		99	15
7782-49-2	SELENIUM	10	1.6		0.99	0.22
7440-22-4	SILVER	10	0.72		0.11	0.057
7440-23-5	SODIUM	10	79	J	99	15
7440-28-0	THALLIUM	10	0.23		0.0099	0.0097
7440-62-2	VANADIUM	10	27		0.5	0.13
7440-66-6	ZINC	10	210		9.9	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-08A-01-06
Lab ID: 2205638-53

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.5
Date Collected: 17-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-5
QCBatchID: IP220610-5-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 029SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.005 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7700		15	6.6
7440-36-0	ANTIMONY	10	0.25		0.1	0.031
7440-38-2	ARSENIC	10	15		0.2	0.049
7440-39-3	BARIUM	10	200		0.5	0.23
7440-41-7	BERYLLIUM	10	0.55		0.05	0.0091
7440-43-9	CADMIUM	10	0.64		0.2	0.038
7440-70-2	CALCIUM	10	5800		100	19
7440-47-3	CHROMIUM	10	9.9		1	0.56
7440-48-4	COBALT	10	5.5		0.5	0.043
7440-50-8	COPPER	10	18		2	0.29
7439-89-6	IRON	10	17000		20	11
7439-92-1	LEAD	10	54		0.2	0.067
7439-95-4	MAGNESIUM	10	2300		10	3.3
7439-96-5	MANGANESE	10	370		0.76	0.38
7440-02-0	NICKEL	10	31		2	0.44
7440-09-7	POTASSIUM	10	1800		100	15
7782-49-2	SELENIUM	10	1.6		1	0.22
7440-22-4	SILVER	10	0.37		0.12	0.058
7440-23-5	SODIUM	10	94	J	100	15
7440-28-0	THALLIUM	10	0.2		0.01	0.0099
7440-62-2	VANADIUM	10	25		0.5	0.13
7440-66-6	ZINC	10	120		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-08B-00-01
Lab ID: 2205638-54

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 2.2
Date Collected: 18-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-5
QCBatchID: IP220610-5-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 030SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.014 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7900		15	6.6
7440-36-0	ANTIMONY	10	1.1		0.1	0.031
7440-38-2	ARSENIC	10	79		0.2	0.049
7440-39-3	BARIUM	10	140		0.5	0.23
7440-41-7	BERYLLIUM	10	0.79		0.05	0.0091
7440-43-9	CADMIUM	10	3.7		0.2	0.038
7440-70-2	CALCIUM	10	14000		100	19
7440-47-3	CHROMIUM	10	12		1	0.55
7440-48-4	COBALT	10	6.8		0.5	0.043
7440-50-8	COPPER	10	120		2	0.29
7439-89-6	IRON	10	42000		20	11
7439-92-1	LEAD	10	440		0.2	0.067
7439-95-4	MAGNESIUM	10	2700		10	3.3
7439-96-5	MANGANESE	10	770		0.76	0.38
7440-02-0	NICKEL	10	21		2	0.44
7440-09-7	POTASSIUM	10	3000		100	15
7782-49-2	SELENIUM	10	2.8		1	0.22
7440-22-4	SILVER	10	3		0.11	0.057
7440-23-5	SODIUM	10	490		100	15
7440-28-0	THALLIUM	10	0.49		0.01	0.0099
7440-62-2	VANADIUM	10	39		0.5	0.13
7440-66-6	ZINC	10	820		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-08B-01-06
Lab ID: 2205638-55

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 2.6
Date Collected: 18-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-5
QCBatchID: IP220610-5-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 033SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.003 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	11000		15	6.7
7440-36-0	ANTIMONY	10	1.7		0.1	0.032
7440-38-2	ARSENIC	10	97		0.2	0.05
7440-39-3	BARIUM	10	130		0.51	0.24
7440-41-7	BERYLLIUM	10	1		0.051	0.0092
7440-43-9	CADMIUM	10	7		0.2	0.039
7440-70-2	CALCIUM	10	22000		100	19
7440-47-3	CHROMIUM	10	14		1	0.56
7440-48-4	COBALT	10	7.9		0.51	0.044
7440-50-8	COPPER	10	88		2	0.3
7439-89-6	IRON	10	41000		20	11
7439-92-1	LEAD	10	460		0.2	0.068
7439-95-4	MAGNESIUM	10	2700		10	3.4
7439-96-5	MANGANESE	10	1800		0.77	0.39
7440-02-0	NICKEL	10	35		2	0.45
7440-09-7	POTASSIUM	10	3000		100	15
7782-49-2	SELENIUM	10	3		1	0.23
7440-22-4	SILVER	10	3.2		0.12	0.058
7440-23-5	SODIUM	10	400		100	15
7440-28-0	THALLIUM	10	0.5		0.01	0.01
7440-62-2	VANADIUM	10	49		0.51	0.13
7440-66-6	ZINC	10	1500		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-08E-00-01
Lab ID: 2205638-56

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.9
Date Collected: 19-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-5
QCBatchID: IP220610-5-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 034SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.017 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7100		15	6.4
7440-36-0	ANTIMONY	10	1.1		0.099	0.031
7440-38-2	ARSENIC	10	48		0.2	0.049
7440-39-3	BARIUM	10	220		0.5	0.23
7440-41-7	BERYLLIUM	10	1.1		0.05	0.0089
7440-43-9	CADMIUM	10	2.7		0.2	0.038
7440-70-2	CALCIUM	10	14000		99	18
7440-47-3	CHROMIUM	10	16		0.99	0.55
7440-48-4	COBALT	10	6.1		0.5	0.043
7440-50-8	COPPER	10	47		2	0.29
7439-89-6	IRON	10	26000		20	11
7439-92-1	LEAD	10	190		0.2	0.065
7439-95-4	MAGNESIUM	10	4400		9.9	3.3
7439-96-5	MANGANESE	10	870		0.74	0.38
7440-02-0	NICKEL	10	15		2	0.44
7440-09-7	POTASSIUM	10	4200		99	15
7782-49-2	SELENIUM	10	2.6		0.99	0.22
7440-22-4	SILVER	10	1.3		0.11	0.057
7440-23-5	SODIUM	10	340		99	15
7440-28-0	THALLIUM	10	0.33		0.0099	0.0097
7440-62-2	VANADIUM	10	34		0.5	0.13
7440-66-6	ZINC	10	580		9.9	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-08E-01-06
Lab ID: 2205638-57

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.4
Date Collected: 19-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-5
QCBatchID: IP220610-5-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 035SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.004 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8200		15	6.6
7440-36-0	ANTIMONY	10	1.3		0.1	0.031
7440-38-2	ARSENIC	10	68		0.2	0.05
7440-39-3	BARIUM	10	280		0.51	0.23
7440-41-7	BERYLLIUM	10	1.3		0.051	0.0091
7440-43-9	CADMIUM	10	2.6		0.2	0.038
7440-70-2	CALCIUM	10	8900		100	19
7440-47-3	CHROMIUM	10	15		1	0.56
7440-48-4	COBALT	10	7.7		0.51	0.043
7440-50-8	COPPER	10	41		2	0.29
7439-89-6	IRON	10	32000		20	11
7439-92-1	LEAD	10	240		0.2	0.067
7439-95-4	MAGNESIUM	10	3600		10	3.3
7439-96-5	MANGANESE	10	980		0.76	0.38
7440-02-0	NICKEL	10	25		2	0.44
7440-09-7	POTASSIUM	10	3400		100	15
7782-49-2	SELENIUM	10	3.2		1	0.22
7440-22-4	SILVER	10	1.8		0.12	0.058
7440-23-5	SODIUM	10	210		100	15
7440-28-0	THALLIUM	10	0.4		0.01	0.0099
7440-62-2	VANADIUM	10	40		0.51	0.13
7440-66-6	ZINC	10	470		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-09B-00-01
Lab ID: 2205638-58

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.6
Date Collected: 18-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-5
QCBatchID: IP220610-5-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 036SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.014 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8300		15	6.5
7440-36-0	ANTIMONY	10	1.1		0.1	0.031
7440-38-2	ARSENIC	10	79		0.2	0.049
7440-39-3	BARIUM	10	250		0.5	0.23
7440-41-7	BERYLLIUM	10	0.94		0.05	0.009
7440-43-9	CADMIUM	10	5.9		0.2	0.038
7440-70-2	CALCIUM	10	9500		100	19
7440-47-3	CHROMIUM	10	13		1	0.55
7440-48-4	COBALT	10	7.5		0.5	0.043
7440-50-8	COPPER	10	73		2	0.29
7439-89-6	IRON	10	34000		20	11
7439-92-1	LEAD	10	360		0.2	0.066
7439-95-4	MAGNESIUM	10	3200		10	3.3
7439-96-5	MANGANESE	10	1000		0.75	0.38
7440-02-0	NICKEL	10	20		2	0.44
7440-09-7	POTASSIUM	10	3200		100	15
7782-49-2	SELENIUM	10	2.8		1	0.22
7440-22-4	SILVER	10	2.5		0.11	0.057
7440-23-5	SODIUM	10	370		100	15
7440-28-0	THALLIUM	10	0.45		0.01	0.0098
7440-62-2	VANADIUM	10	43		0.5	0.13
7440-66-6	ZINC	10	1200		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-09B-01-06
Lab ID: 2205638-59

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.4
Date Collected: 18-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-5
QCBatchID: IP220610-5-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 037SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.002 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8200		15	6.6
7440-36-0	ANTIMONY	10	1.1		0.1	0.031
7440-38-2	ARSENIC	10	99		0.2	0.05
7440-39-3	BARIUM	10	270		0.51	0.23
7440-41-7	BERYLLIUM	10	0.93		0.051	0.0091
7440-43-9	CADMIUM	10	5.1		0.2	0.038
7440-70-2	CALCIUM	10	7500		100	19
7440-47-3	CHROMIUM	10	13		1	0.56
7440-48-4	COBALT	10	10		0.51	0.044
7440-50-8	COPPER	10	83		2	0.29
7439-89-6	IRON	10	38000		20	11
7439-92-1	LEAD	10	460		0.2	0.067
7439-95-4	MAGNESIUM	10	2900		10	3.3
7439-96-5	MANGANESE	10	1400		0.76	0.38
7440-02-0	NICKEL	10	36		2	0.45
7440-09-7	POTASSIUM	10	2900		100	15
7782-49-2	SELENIUM	10	2.7		1	0.22
7440-22-4	SILVER	10	3.3		0.12	0.058
7440-23-5	SODIUM	10	270		100	15
7440-28-0	THALLIUM	10	0.52		0.01	0.0099
7440-62-2	VANADIUM	10	45		0.51	0.13
7440-66-6	ZINC	10	950		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-09E-00-01
Lab ID: 2205638-60

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.1
Date Collected: 19-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-5
QCBatchID: IP220610-5-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 038SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.011 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7400		15	6.5
7440-36-0	ANTIMONY	10	0.9		0.1	0.031
7440-38-2	ARSENIC	10	53		0.2	0.049
7440-39-3	BARIUM	10	220		0.5	0.23
7440-41-7	BERYLLIUM	10	1.2		0.05	0.009
7440-43-9	CADMIUM	10	3.7		0.2	0.038
7440-70-2	CALCIUM	10	17000		100	19
7440-47-3	CHROMIUM	10	13		1	0.55
7440-48-4	COBALT	10	6.2		0.5	0.043
7440-50-8	COPPER	10	42		2	0.29
7439-89-6	IRON	10	27000		20	11
7439-92-1	LEAD	10	260		0.2	0.066
7439-95-4	MAGNESIUM	10	7000		10	3.3
7439-96-5	MANGANESE	10	1000		0.75	0.38
7440-02-0	NICKEL	10	15		2	0.44
7440-09-7	POTASSIUM	10	3000		100	15
7782-49-2	SELENIUM	10	2.7		1	0.22
7440-22-4	SILVER	10	1.6		0.11	0.057
7440-23-5	SODIUM	10	110		100	15
7440-28-0	THALLIUM	10	0.36		0.01	0.0098
7440-62-2	VANADIUM	10	32		0.5	0.13
7440-66-6	ZINC	10	700		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-09E-01-06
Lab ID: 2205638-62

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.6
Date Collected: 19-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-6
QCBatchID: IP220610-6-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 051SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.007 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7500		15	6.5
7440-36-0	ANTIMONY	10	1.3		0.1	0.031
7440-38-2	ARSENIC	10	79		0.2	0.049
7440-39-3	BARIUM	10	260		0.5	0.23
7440-41-7	BERYLLIUM	10	1.4		0.05	0.009
7440-43-9	CADMIUM	10	4.6		0.2	0.038
7440-70-2	CALCIUM	10	21000		100	18
7440-47-3	CHROMIUM	10	15		1	0.55
7440-48-4	COBALT	10	6.5		0.5	0.043
7440-50-8	COPPER	10	53		2	0.29
7439-89-6	IRON	10	34000		20	11
7439-92-1	LEAD	10	380		0.2	0.066
7439-95-4	MAGNESIUM	10	8900		10	3.3
7439-96-5	MANGANESE	10	1300		0.75	0.38
7440-02-0	NICKEL	10	18		2	0.44
7440-09-7	POTASSIUM	10	2800		100	15
7782-49-2	SELENIUM	10	2.9		1	0.22
7440-22-4	SILVER	10	2.6		0.11	0.057
7440-23-5	SODIUM	10	120		100	15
7440-28-0	THALLIUM	10	0.39		0.01	0.0098
7440-62-2	VANADIUM	10	35		0.5	0.13
7440-66-6	ZINC	10	760		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-10B-00-01
Lab ID: 2205638-63

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.1
Date Collected: 17-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-6
QCBatchID: IP220610-6-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 052SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.032 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7200		15	6.4
7440-36-0	ANTIMONY	10	1.4		0.098	0.03
7440-38-2	ARSENIC	10	99		0.2	0.048
7440-39-3	BARIUM	10	280		0.49	0.23
7440-41-7	BERYLLIUM	10	0.83		0.049	0.0088
7440-43-9	CADMIUM	10	4.8		0.2	0.037
7440-70-2	CALCIUM	10	8500		98	18
7440-47-3	CHROMIUM	10	14		0.98	0.54
7440-48-4	COBALT	10	7.7		0.49	0.042
7440-50-8	COPPER	10	64		2	0.28
7439-89-6	IRON	10	36000		20	11
7439-92-1	LEAD	10	430		0.2	0.065
7439-95-4	MAGNESIUM	10	2900		9.8	3.2
7439-96-5	MANGANESE	10	1300		0.74	0.37
7440-02-0	NICKEL	10	16		2	0.43
7440-09-7	POTASSIUM	10	3400		98	15
7782-49-2	SELENIUM	10	2.4		0.98	0.22
7440-22-4	SILVER	10	3.2		0.11	0.056
7440-23-5	SODIUM	10	200		98	15
7440-28-0	THALLIUM	10	0.5		0.0098	0.0096
7440-62-2	VANADIUM	10	46		0.49	0.13
7440-66-6	ZINC	10	1000		9.8	4

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-10B-01-06
Lab ID: 2205638-64

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.4
Date Collected: 17-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-6
QCBatchID: IP220610-6-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 053SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.012 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7400		15	6.5
7440-36-0	ANTIMONY	10	1.6		0.1	0.031
7440-38-2	ARSENIC	10	110		0.2	0.049
7440-39-3	BARIUM	10	270		0.5	0.23
7440-41-7	BERYLLIUM	10	1		0.05	0.009
7440-43-9	CADMIUM	10	6.5		0.2	0.038
7440-70-2	CALCIUM	10	8600		100	19
7440-47-3	CHROMIUM	10	12		1	0.55
7440-48-4	COBALT	10	7.2		0.5	0.043
7440-50-8	COPPER	10	86		2	0.29
7439-89-6	IRON	10	45000		20	11
7439-92-1	LEAD	100	580		2	0.66
7439-95-4	MAGNESIUM	10	2800		10	3.3
7439-96-5	MANGANESE	10	1500		0.75	0.38
7440-02-0	NICKEL	10	35		2	0.44
7440-09-7	POTASSIUM	10	3300		100	15
7782-49-2	SELENIUM	10	2.9		1	0.22
7440-22-4	SILVER	10	4.3		0.11	0.057
7440-23-5	SODIUM	10	260		100	15
7440-28-0	THALLIUM	10	0.59		0.01	0.0098
7440-62-2	VANADIUM	10	43		0.5	0.13
7440-66-6	ZINC	10	1300		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-11B-00-01
Lab ID: 2205638-65

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.4
Date Collected: 17-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-6
QCBatchID: IP220610-6-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 054SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.011 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6400		15	6.5
7440-36-0	ANTIMONY	10	1.6		0.1	0.031
7440-38-2	ARSENIC	10	95		0.2	0.049
7440-39-3	BARIUM	10	270		0.5	0.23
7440-41-7	BERYLLIUM	10	0.79		0.05	0.009
7440-43-9	CADMIUM	10	4.3		0.2	0.038
7440-70-2	CALCIUM	10	8300		100	19
7440-47-3	CHROMIUM	10	11		1	0.55
7440-48-4	COBALT	10	6.2		0.5	0.043
7440-50-8	COPPER	10	73		2	0.29
7439-89-6	IRON	10	35000		20	11
7439-92-1	LEAD	10	490		0.2	0.066
7439-95-4	MAGNESIUM	10	2600		10	3.3
7439-96-5	MANGANESE	10	960		0.75	0.38
7440-02-0	NICKEL	10	15		2	0.44
7440-09-7	POTASSIUM	10	3100		100	15
7782-49-2	SELENIUM	10	2.4		1	0.22
7440-22-4	SILVER	10	3.4		0.11	0.057
7440-23-5	SODIUM	10	220		100	15
7440-28-0	THALLIUM	10	0.51		0.01	0.0098
7440-62-2	VANADIUM	10	40		0.5	0.13
7440-66-6	ZINC	10	910		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-11B-00-01-DUP
Lab ID: 2205638-66

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.7
Date Collected: 17-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-6
QCBatchID: IP220610-6-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 055SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.02 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6300		15	6.4
7440-36-0	ANTIMONY	10	1.8		0.099	0.031
7440-38-2	ARSENIC	10	96		0.2	0.048
7440-39-3	BARIUM	10	260		0.49	0.23
7440-41-7	BERYLLIUM	10	0.79		0.049	0.0089
7440-43-9	CADMIUM	10	4.2		0.2	0.038
7440-70-2	CALCIUM	10	8200		99	18
7440-47-3	CHROMIUM	10	11		0.99	0.54
7440-48-4	COBALT	10	6.2		0.49	0.042
7440-50-8	COPPER	10	72		2	0.29
7439-89-6	IRON	10	35000		20	11
7439-92-1	LEAD	10	490		0.2	0.065
7439-95-4	MAGNESIUM	10	2600		9.9	3.3
7439-96-5	MANGANESE	10	940		0.74	0.38
7440-02-0	NICKEL	10	14		2	0.43
7440-09-7	POTASSIUM	10	3100		99	15
7782-49-2	SELENIUM	10	2.3		0.99	0.22
7440-22-4	SILVER	10	3.4		0.11	0.056
7440-23-5	SODIUM	10	220		99	15
7440-28-0	THALLIUM	10	0.51		0.0099	0.0097
7440-62-2	VANADIUM	10	40		0.49	0.13
7440-66-6	ZINC	10	930		9.9	4

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-11B-00-01-TRI
Lab ID: 2205638-67

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.8
Date Collected: 17-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-6
QCBatchID: IP220610-6-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 056SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.001 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6400		15	6.5
7440-36-0	ANTIMONY	10	2		0.1	0.031
7440-38-2	ARSENIC	10	96		0.2	0.049
7440-39-3	BARIUM	10	260		0.5	0.23
7440-41-7	BERYLLIUM	10	0.79		0.05	0.0091
7440-43-9	CADMIUM	10	4.3		0.2	0.038
7440-70-2	CALCIUM	10	8200		100	19
7440-47-3	CHROMIUM	10	12		1	0.55
7440-48-4	COBALT	10	6.4		0.5	0.043
7440-50-8	COPPER	10	74		2	0.29
7439-89-6	IRON	10	36000		20	11
7439-92-1	LEAD	10	490		0.2	0.066
7439-95-4	MAGNESIUM	10	2700		10	3.3
7439-96-5	MANGANESE	10	940		0.76	0.38
7440-02-0	NICKEL	10	14		2	0.44
7440-09-7	POTASSIUM	10	3100		100	15
7782-49-2	SELENIUM	10	2.4		1	0.22
7440-22-4	SILVER	10	3.4		0.11	0.057
7440-23-5	SODIUM	10	220		100	15
7440-28-0	THALLIUM	10	0.51		0.01	0.0099
7440-62-2	VANADIUM	10	40		0.5	0.13
7440-66-6	ZINC	10	940		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-11B-01-06
Lab ID: 2205638-68

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.5
Date Collected: 17-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-6
QCBatchID: IP220610-6-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 057SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.023 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7500		15	6.4
7440-36-0	ANTIMONY	10	2.1		0.099	0.031
7440-38-2	ARSENIC	10	120		0.2	0.049
7440-39-3	BARIUM	10	290		0.5	0.23
7440-41-7	BERYLLIUM	10	0.97		0.05	0.0089
7440-43-9	CADMIUM	10	5.2		0.2	0.038
7440-70-2	CALCIUM	10	8700		99	18
7440-47-3	CHROMIUM	10	12		0.99	0.55
7440-48-4	COBALT	10	6.8		0.5	0.043
7440-50-8	COPPER	10	87		2	0.29
7439-89-6	IRON	10	44000		20	11
7439-92-1	LEAD	100	610		2	0.65
7439-95-4	MAGNESIUM	10	3200		9.9	3.3
7439-96-5	MANGANESE	10	1100		0.74	0.38
7440-02-0	NICKEL	10	45		2	0.44
7440-09-7	POTASSIUM	10	3200		99	15
7782-49-2	SELENIUM	10	3		0.99	0.22
7440-22-4	SILVER	10	4.5		0.11	0.057
7440-23-5	SODIUM	10	290		99	15
7440-28-0	THALLIUM	10	0.62		0.0099	0.0097
7440-62-2	VANADIUM	10	43		0.5	0.13
7440-66-6	ZINC	10	1100		9.9	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-11B-01-06-DUP
Lab ID: 2205638-69

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.0
Date Collected: 17-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-6
QCBatchID: IP220610-6-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 058SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.005 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7300		15	6.5
7440-36-0	ANTIMONY	10	1.5		0.1	0.031
7440-38-2	ARSENIC	10	110		0.2	0.049
7440-39-3	BARIUM	10	310		0.5	0.23
7440-41-7	BERYLLIUM	10	0.93		0.05	0.009
7440-43-9	CADMIUM	10	5		0.2	0.038
7440-70-2	CALCIUM	10	8500		100	19
7440-47-3	CHROMIUM	10	12		1	0.55
7440-48-4	COBALT	10	6.7		0.5	0.043
7440-50-8	COPPER	10	90		2	0.29
7439-89-6	IRON	10	43000		20	11
7439-92-1	LEAD	100	590		2	0.66
7439-95-4	MAGNESIUM	10	3100		10	3.3
7439-96-5	MANGANESE	10	1000		0.75	0.38
7440-02-0	NICKEL	10	47		2	0.44
7440-09-7	POTASSIUM	10	3100		100	15
7782-49-2	SELENIUM	10	2.7		1	0.22
7440-22-4	SILVER	10	4.3		0.11	0.057
7440-23-5	SODIUM	10	280		100	15
7440-28-0	THALLIUM	10	0.59		0.01	0.0099
7440-62-2	VANADIUM	10	43		0.5	0.13
7440-66-6	ZINC	10	1000		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-11B-01-06-TRI
Lab ID: 2205638-70

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.5
Date Collected: 17-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-6
QCBatchID: IP220610-6-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 061SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.015 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7100		15	6.4
7440-36-0	ANTIMONY	10	2.1		0.099	0.031
7440-38-2	ARSENIC	10	110		0.2	0.049
7440-39-3	BARIUM	10	290		0.5	0.23
7440-41-7	BERYLLIUM	10	0.92		0.05	0.0089
7440-43-9	CADMIUM	10	5.1		0.2	0.038
7440-70-2	CALCIUM	10	8500		99	18
7440-47-3	CHROMIUM	10	11		0.99	0.54
7440-48-4	COBALT	10	6.6		0.5	0.043
7440-50-8	COPPER	10	84		2	0.29
7439-89-6	IRON	10	43000		20	11
7439-92-1	LEAD	100	600		2	0.65
7439-95-4	MAGNESIUM	10	3100		9.9	3.3
7439-96-5	MANGANESE	10	1000		0.74	0.38
7440-02-0	NICKEL	10	48		2	0.44
7440-09-7	POTASSIUM	10	3100		99	15
7782-49-2	SELENIUM	10	2.9		0.99	0.22
7440-22-4	SILVER	10	4.3		0.11	0.056
7440-23-5	SODIUM	10	280		99	15
7440-28-0	THALLIUM	10	0.58		0.0099	0.0097
7440-62-2	VANADIUM	10	42		0.5	0.13
7440-66-6	ZINC	10	1100		9.9	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-11D-00-01
Lab ID: 2205638-71

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.7
Date Collected: 18-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-6
QCBatchID: IP220610-6-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 062SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.013 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6000		15	6.5
7440-36-0	ANTIMONY	10	0.9		0.1	0.031
7440-38-2	ARSENIC	10	25		0.2	0.049
7440-39-3	BARIUM	10	160		0.5	0.23
7440-41-7	BERYLLIUM	10	0.85		0.05	0.009
7440-43-9	CADMIUM	10	1.1		0.2	0.038
7440-70-2	CALCIUM	10	12000		100	19
7440-47-3	CHROMIUM	10	9.3		1	0.55
7440-48-4	COBALT	10	4.7		0.5	0.043
7440-50-8	COPPER	10	33		2	0.29
7439-89-6	IRON	10	16000		20	11
7439-92-1	LEAD	10	92		0.2	0.066
7439-95-4	MAGNESIUM	10	4200		10	3.3
7439-96-5	MANGANESE	10	510		0.75	0.38
7440-02-0	NICKEL	10	16		2	0.44
7440-09-7	POTASSIUM	10	1800		100	15
7782-49-2	SELENIUM	10	2.1		1	0.22
7440-22-4	SILVER	10	0.64		0.11	0.057
7440-23-5	SODIUM	10	95	J	100	15
7440-28-0	THALLIUM	10	0.24		0.01	0.0098
7440-62-2	VANADIUM	10	22		0.5	0.13
7440-66-6	ZINC	10	470		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-11D-01-06
Lab ID: 2205638-72

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.1
Date Collected: 18-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-6
QCBatchID: IP220610-6-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 063SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.015 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6400		15	6.5
7440-36-0	ANTIMONY	10	1.1		0.1	0.031
7440-38-2	ARSENIC	10	33		0.2	0.049
7440-39-3	BARIUM	10	180		0.5	0.23
7440-41-7	BERYLLIUM	10	1		0.05	0.009
7440-43-9	CADMIUM	10	1.5		0.2	0.038
7440-70-2	CALCIUM	10	19000		100	18
7440-47-3	CHROMIUM	10	11		1	0.55
7440-48-4	COBALT	10	5.2		0.5	0.043
7440-50-8	COPPER	10	37		2	0.29
7439-89-6	IRON	10	20000		20	11
7439-92-1	LEAD	10	150		0.2	0.066
7439-95-4	MAGNESIUM	10	6800		10	3.3
7439-96-5	MANGANESE	10	620		0.75	0.38
7440-02-0	NICKEL	10	29		2	0.44
7440-09-7	POTASSIUM	10	1900		100	15
7782-49-2	SELENIUM	10	2.4		1	0.22
7440-22-4	SILVER	10	2.1		0.11	0.057
7440-23-5	SODIUM	10	130		100	15
7440-28-0	THALLIUM	10	0.28		0.01	0.0098
7440-62-2	VANADIUM	10	27		0.5	0.13
7440-66-6	ZINC	10	400		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-12B-00-01
Lab ID: 2205638-73

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.2
Date Collected: 17-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-6
QCBatchID: IP220610-6-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 064SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.013 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6500		15	6.5
7440-36-0	ANTIMONY	10	1.3		0.1	0.031
7440-38-2	ARSENIC	10	63		0.2	0.049
7440-39-3	BARIUM	10	240		0.5	0.23
7440-41-7	BERYLLIUM	10	0.84		0.05	0.009
7440-43-9	CADMIUM	10	2.5		0.2	0.038
7440-70-2	CALCIUM	10	8300		100	18
7440-47-3	CHROMIUM	10	12		1	0.55
7440-48-4	COBALT	10	5.7		0.5	0.043
7440-50-8	COPPER	10	49		2	0.29
7439-89-6	IRON	10	28000		20	11
7439-92-1	LEAD	10	340		0.2	0.066
7439-95-4	MAGNESIUM	10	2500		10	3.3
7439-96-5	MANGANESE	10	710		0.75	0.38
7440-02-0	NICKEL	10	13		2	0.44
7440-09-7	POTASSIUM	10	3300		100	15
7782-49-2	SELENIUM	10	2.4		1	0.22
7440-22-4	SILVER	10	2.4		0.11	0.057
7440-23-5	SODIUM	10	170		100	15
7440-28-0	THALLIUM	10	0.41		0.01	0.0098
7440-62-2	VANADIUM	10	34		0.5	0.13
7440-66-6	ZINC	10	600		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-12B-01-06
Lab ID: 2205638-74

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.4
Date Collected: 17-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-6
QCBatchID: IP220610-6-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 065SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.026 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6900		15	6.4
7440-36-0	ANTIMONY	10	1.4		0.098	0.03
7440-38-2	ARSENIC	10	92		0.2	0.048
7440-39-3	BARIUM	10	290		0.49	0.23
7440-41-7	BERYLLIUM	10	0.84		0.049	0.0088
7440-43-9	CADMIUM	10	3.2		0.2	0.037
7440-70-2	CALCIUM	10	7900		98	18
7440-47-3	CHROMIUM	10	12		0.98	0.54
7440-48-4	COBALT	10	6.2		0.49	0.042
7440-50-8	COPPER	10	64		2	0.28
7439-89-6	IRON	10	39000		20	11
7439-92-1	LEAD	100	570		2	0.65
7439-95-4	MAGNESIUM	10	2700		9.8	3.2
7439-96-5	MANGANESE	10	860		0.73	0.37
7440-02-0	NICKEL	10	30		2	0.43
7440-09-7	POTASSIUM	10	3100		98	15
7782-49-2	SELENIUM	10	2.6		0.98	0.22
7440-22-4	SILVER	10	4.1		0.11	0.056
7440-23-5	SODIUM	10	240		98	15
7440-28-0	THALLIUM	10	0.55		0.0098	0.0096
7440-62-2	VANADIUM	10	40		0.49	0.13
7440-66-6	ZINC	10	680		9.8	4

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-12D-00-01
Lab ID: 2205638-75

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.0
Date Collected: 18-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-6
QCBatchID: IP220610-6-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 066SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.001 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	9800		15	6.6
7440-36-0	ANTIMONY	10	0.87		0.1	0.031
7440-38-2	ARSENIC	10	37		0.2	0.049
7440-39-3	BARIUM	10	250		0.5	0.23
7440-41-7	BERYLLIUM	10	1.2		0.05	0.0091
7440-43-9	CADMIUM	10	4.3		0.2	0.038
7440-70-2	CALCIUM	10	14000		100	19
7440-47-3	CHROMIUM	10	15		1	0.56
7440-48-4	COBALT	10	5.2		0.5	0.043
7440-50-8	COPPER	10	39		2	0.29
7439-89-6	IRON	10	31000		20	11
7439-92-1	LEAD	10	180		0.2	0.067
7439-95-4	MAGNESIUM	10	3800		10	3.3
7439-96-5	MANGANESE	10	820		0.76	0.38
7440-02-0	NICKEL	10	29		2	0.44
7440-09-7	POTASSIUM	10	3400		100	15
7782-49-2	SELENIUM	10	4.6		1	0.22
7440-22-4	SILVER	10	1.2		0.12	0.058
7440-23-5	SODIUM	10	210		100	15
7440-28-0	THALLIUM	10	0.44		0.01	0.0099
7440-62-2	VANADIUM	10	33		0.5	0.13
7440-66-6	ZINC	10	420		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-12D-01-06
Lab ID: 2205638-76

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.0
Date Collected: 18-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-6
QCBatchID: IP220610-6-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 067SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.002 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8300		15	6.6
7440-36-0	ANTIMONY	10	1		0.1	0.031
7440-38-2	ARSENIC	10	43		0.2	0.049
7440-39-3	BARIUM	10	240		0.5	0.23
7440-41-7	BERYLLIUM	10	1.1		0.05	0.0091
7440-43-9	CADMIUM	10	2.7		0.2	0.038
7440-70-2	CALCIUM	10	14000		100	19
7440-47-3	CHROMIUM	10	14		1	0.55
7440-48-4	COBALT	10	6.5		0.5	0.043
7440-50-8	COPPER	10	45		2	0.29
7439-89-6	IRON	10	27000		20	11
7439-92-1	LEAD	10	240		0.2	0.067
7439-95-4	MAGNESIUM	10	4700		10	3.3
7439-96-5	MANGANESE	10	720		0.76	0.38
7440-02-0	NICKEL	10	35		2	0.44
7440-09-7	POTASSIUM	10	3000		100	15
7782-49-2	SELENIUM	10	2.9		1	0.22
7440-22-4	SILVER	10	2.4		0.11	0.057
7440-23-5	SODIUM	10	220		100	15
7440-28-0	THALLIUM	10	0.38		0.01	0.0099
7440-62-2	VANADIUM	10	35		0.5	0.13
7440-66-6	ZINC	10	370		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-13B-00-01
Lab ID: 2205638-77

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.3
Date Collected: 18-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-6
QCBatchID: IP220610-6-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 068SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.017 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6400		15	6.4
7440-36-0	ANTIMONY	10	1.5		0.099	0.031
7440-38-2	ARSENIC	10	60		0.2	0.048
7440-39-3	BARIUM	10	200		0.49	0.23
7440-41-7	BERYLLIUM	10	0.67		0.049	0.0089
7440-43-9	CADMIUM	10	2.3		0.2	0.037
7440-70-2	CALCIUM	10	11000		99	18
7440-47-3	CHROMIUM	10	12		0.99	0.54
7440-48-4	COBALT	10	7		0.49	0.042
7440-50-8	COPPER	10	46		2	0.29
7439-89-6	IRON	10	28000		20	11
7439-92-1	LEAD	10	290		0.2	0.065
7439-95-4	MAGNESIUM	10	3100		9.9	3.3
7439-96-5	MANGANESE	10	730		0.74	0.37
7440-02-0	NICKEL	10	17		2	0.43
7440-09-7	POTASSIUM	10	3300		99	15
7782-49-2	SELENIUM	10	2.1		0.99	0.22
7440-22-4	SILVER	10	1.9		0.11	0.056
7440-23-5	SODIUM	10	160		99	15
7440-28-0	THALLIUM	10	0.35		0.0099	0.0097
7440-62-2	VANADIUM	10	38		0.49	0.13
7440-66-6	ZINC	10	630		9.9	4

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-13B-10-06
Lab ID: 2205638-79

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.3
Date Collected: 18-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-6
QCBatchID: IP220610-6-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 069SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.003 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7200		15	6.5
7440-36-0	ANTIMONY	10	1		0.1	0.031
7440-38-2	ARSENIC	10	72		0.2	0.049
7440-39-3	BARIUM	10	290		0.5	0.23
7440-41-7	BERYLLIUM	10	0.74		0.05	0.009
7440-43-9	CADMIUM	10	2.8		0.2	0.038
7440-70-2	CALCIUM	10	8800		100	19
7440-47-3	CHROMIUM	10	12		1	0.55
7440-48-4	COBALT	10	7.8		0.5	0.043
7440-50-8	COPPER	10	60		2	0.29
7439-89-6	IRON	10	37000		20	11
7439-92-1	LEAD	10	490		0.2	0.066
7439-95-4	MAGNESIUM	10	3400		10	3.3
7439-96-5	MANGANESE	10	890		0.75	0.38
7440-02-0	NICKEL	10	72		2	0.44
7440-09-7	POTASSIUM	10	3200		100	15
7782-49-2	SELENIUM	10	2.4		1	0.22
7440-22-4	SILVER	10	3.1		0.11	0.057
7440-23-5	SODIUM	10	180		100	15
7440-28-0	THALLIUM	10	0.47		0.01	0.0098
7440-62-2	VANADIUM	10	40		0.5	0.13
7440-66-6	ZINC	10	590		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-13D-00-01
Lab ID: 2205638-80

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.8
Date Collected: 18-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-6
QCBatchID: IP220610-6-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 072SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.001 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7500		15	6.6
7440-36-0	ANTIMONY	10	1.3	N	0.1	0.032
7440-38-2	ARSENIC	10	61		0.2	0.05
7440-39-3	BARIUM	10	250		0.51	0.23
7440-41-7	BERYLLIUM	10	0.96		0.051	0.0092
7440-43-9	CADMIUM	10	2.3		0.2	0.039
7440-70-2	CALCIUM	10	20000		100	19
7440-47-3	CHROMIUM	10	16		1	0.56
7440-48-4	COBALT	10	6.8		0.51	0.044
7440-50-8	COPPER	10	55		2	0.3
7439-89-6	IRON	10	29000		20	11
7439-92-1	LEAD	10	290		0.2	0.067
7439-95-4	MAGNESIUM	10	4200		10	3.4
7439-96-5	MANGANESE	10	690		0.76	0.39
7440-02-0	NICKEL	10	19		2	0.45
7440-09-7	POTASSIUM	10	3000		100	15
7782-49-2	SELENIUM	10	2.6		1	0.23
7440-22-4	SILVER	10	2		0.12	0.058
7440-23-5	SODIUM	10	250		100	15
7440-28-0	THALLIUM	10	0.38		0.01	0.01
7440-62-2	VANADIUM	10	35		0.51	0.13
7440-66-6	ZINC	10	520		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-13D-01-06
Lab ID: 2205638-81

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.3
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-1
QCBatchID: IP220613-1-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 081SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.003 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7300		15	6.6
7440-36-0	ANTIMONY	10	1	N	0.1	0.031
7440-38-2	ARSENIC	10	52		0.2	0.049
7440-39-3	BARIUM	10	200		0.5	0.23
7440-41-7	BERYLLIUM	10	1.2		0.05	0.0091
7440-43-9	CADMIUM	10	2		0.2	0.038
7440-70-2	CALCIUM	10	13000		100	19
7440-47-3	CHROMIUM	10	14		1	0.56
7440-48-4	COBALT	10	7.1		0.5	0.043
7440-50-8	COPPER	10	45		2	0.29
7439-89-6	IRON	10	29000		20	11
7439-92-1	LEAD	10	230		0.2	0.067
7439-95-4	MAGNESIUM	10	3800		10	3.3
7439-96-5	MANGANESE	10	800		0.76	0.38
7440-02-0	NICKEL	10	23		2	0.44
7440-09-7	POTASSIUM	10	2600		100	15
7782-49-2	SELENIUM	10	2.9		1	0.22
7440-22-4	SILVER	10	1.5		0.12	0.058
7440-23-5	SODIUM	10	170		100	15
7440-28-0	THALLIUM	10	0.38		0.01	0.0099
7440-62-2	VANADIUM	10	31		0.5	0.13
7440-66-6	ZINC	10	400		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-14B-00-01
Lab ID: 2205638-82

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 2.2
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-1
QCBatchID: IP220613-1-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 086SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.023 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6000		15	6.5
7440-36-0	ANTIMONY	10	1.4		0.1	0.031
7440-38-2	ARSENIC	10	68		0.2	0.049
7440-39-3	BARIUM	10	180		0.5	0.23
7440-41-7	BERYLLIUM	10	0.7		0.05	0.009
7440-43-9	CADMIUM	10	2.3		0.2	0.038
7440-70-2	CALCIUM	10	9400		100	18
7440-47-3	CHROMIUM	10	11		1	0.55
7440-48-4	COBALT	10	6.5		0.5	0.043
7440-50-8	COPPER	10	56		2	0.29
7439-89-6	IRON	10	29000		20	11
7439-92-1	LEAD	10	330		0.2	0.066
7439-95-4	MAGNESIUM	10	3300		10	3.3
7439-96-5	MANGANESE	10	750		0.75	0.38
7440-02-0	NICKEL	10	18		2	0.44
7440-09-7	POTASSIUM	10	3200		100	15
7782-49-2	SELENIUM	10	2.2		1	0.22
7440-22-4	SILVER	10	2.4		0.11	0.057
7440-23-5	SODIUM	10	180		100	15
7440-28-0	THALLIUM	10	0.38		0.01	0.0098
7440-62-2	VANADIUM	10	35		0.5	0.13
7440-66-6	ZINC	10	530		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-14B-00-01-DUP
Lab ID: 2205638-83

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 3.4
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-1
QCBatchID: IP220613-1-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 087SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.007 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6600		15	6.7
7440-36-0	ANTIMONY	10	1.4		0.1	0.032
7440-38-2	ARSENIC	10	72		0.21	0.05
7440-39-3	BARIUM	10	200		0.51	0.24
7440-41-7	BERYLLIUM	10	0.71		0.051	0.0093
7440-43-9	CADMIUM	10	2.4		0.21	0.039
7440-70-2	CALCIUM	10	8700		100	19
7440-47-3	CHROMIUM	10	12		1	0.57
7440-48-4	COBALT	10	7		0.51	0.044
7440-50-8	COPPER	10	64		2.1	0.3
7439-89-6	IRON	10	34000		21	11
7439-92-1	LEAD	10	450		0.21	0.068
7439-95-4	MAGNESIUM	10	3100		10	3.4
7439-96-5	MANGANESE	10	780		0.77	0.39
7440-02-0	NICKEL	10	29		2.1	0.45
7440-09-7	POTASSIUM	10	3000		100	15
7782-49-2	SELENIUM	10	2.5		1	0.23
7440-22-4	SILVER	10	3		0.12	0.059
7440-23-5	SODIUM	10	200		100	15
7440-28-0	THALLIUM	10	0.45		0.01	0.01
7440-62-2	VANADIUM	10	36		0.51	0.13
7440-66-6	ZINC	10	520		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-14B-00-01-TRI
Lab ID: 2205638-84

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 3.1
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-1
QCBatchID: IP220613-1-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 088SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6700		15	6.7
7440-36-0	ANTIMONY	10	1.4		0.1	0.032
7440-38-2	ARSENIC	10	72		0.21	0.051
7440-39-3	BARIUM	10	200		0.52	0.24
7440-41-7	BERYLLIUM	10	0.72		0.052	0.0093
7440-43-9	CADMIUM	10	2.5		0.21	0.039
7440-70-2	CALCIUM	10	8800		100	19
7440-47-3	CHROMIUM	10	12		1	0.57
7440-48-4	COBALT	10	7.2		0.52	0.044
7440-50-8	COPPER	10	60		2.1	0.3
7439-89-6	IRON	10	35000		21	11
7439-92-1	LEAD	10	460		0.21	0.068
7439-95-4	MAGNESIUM	10	3200		10	3.4
7439-96-5	MANGANESE	10	800		0.77	0.39
7440-02-0	NICKEL	10	25		2.1	0.45
7440-09-7	POTASSIUM	10	3000		100	15
7782-49-2	SELENIUM	10	2.6		1	0.23
7440-22-4	SILVER	10	3		0.12	0.059
7440-23-5	SODIUM	10	200		100	15
7440-28-0	THALLIUM	10	0.45		0.01	0.01
7440-62-2	VANADIUM	10	36		0.52	0.13
7440-66-6	ZINC	10	520		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-14B-01-06
Lab ID: 2205638-85

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 4.6
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-1
QCBatchID: IP220613-1-2
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 091SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.023 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6800		15	6.7
7440-36-0	ANTIMONY	10	1.4		0.1	0.032
7440-38-2	ARSENIC	10	72		0.2	0.05
7440-39-3	BARIUM	10	210		0.51	0.24
7440-41-7	BERYLLIUM	10	0.74		0.051	0.0092
7440-43-9	CADMIUM	10	2.5		0.2	0.039
7440-70-2	CALCIUM	10	9000		100	19
7440-47-3	CHROMIUM	10	12		1	0.56
7440-48-4	COBALT	10	7.2		0.51	0.044
7440-50-8	COPPER	10	57		2	0.3
7439-89-6	IRON	10	35000		20	11
7439-92-1	LEAD	10	460		0.2	0.068
7439-95-4	MAGNESIUM	10	3300		10	3.4
7439-96-5	MANGANESE	10	790		0.77	0.39
7440-02-0	NICKEL	10	28		2	0.45
7440-09-7	POTASSIUM	10	3000		100	15
7782-49-2	SELENIUM	10	2.6		1	0.23
7440-22-4	SILVER	10	2.9		0.12	0.058
7440-23-5	SODIUM	10	200		100	15
7440-28-0	THALLIUM	10	0.44		0.01	0.01
7440-62-2	VANADIUM	10	37		0.51	0.13
7440-66-6	ZINC	10	510		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-14B-01-06-DUP
Lab ID: 2205638-86

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 8.3
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-1
QCBatchID: IP220613-1-2
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 092SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.005 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6800		16	7
7440-36-0	ANTIMONY	10	1.4		0.11	0.034
7440-38-2	ARSENIC	10	73		0.22	0.053
7440-39-3	BARIUM	10	200		0.54	0.25
7440-41-7	BERYLLIUM	10	0.74		0.054	0.0098
7440-43-9	CADMIUM	10	2.4		0.22	0.041
7440-70-2	CALCIUM	10	8900		110	20
7440-47-3	CHROMIUM	10	12		1.1	0.6
7440-48-4	COBALT	10	7.2		0.54	0.047
7440-50-8	COPPER	10	59		2.2	0.31
7439-89-6	IRON	10	35000		22	12
7439-92-1	LEAD	10	460		0.22	0.072
7439-95-4	MAGNESIUM	10	3200		11	3.6
7439-96-5	MANGANESE	10	780		0.81	0.41
7440-02-0	NICKEL	10	29		2.2	0.48
7440-09-7	POTASSIUM	10	3000		110	16
7782-49-2	SELENIUM	10	2.6		1.1	0.24
7440-22-4	SILVER	10	3		0.12	0.062
7440-23-5	SODIUM	10	200		110	16
7440-28-0	THALLIUM	10	0.46		0.011	0.011
7440-62-2	VANADIUM	10	36		0.54	0.14
7440-66-6	ZINC	10	510		11	4.4

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-14B-01-06-TRI
Lab ID: 2205638-87

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 3.1
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-1
QCBatchID: IP220613-1-2
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 093SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.001 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6600		15	6.7
7440-36-0	ANTIMONY	10	1.4		0.1	0.032
7440-38-2	ARSENIC	10	71		0.21	0.051
7440-39-3	BARIUM	10	210		0.52	0.24
7440-41-7	BERYLLIUM	10	0.73		0.052	0.0093
7440-43-9	CADMIUM	10	2.5		0.21	0.039
7440-70-2	CALCIUM	10	8800		100	19
7440-47-3	CHROMIUM	10	12		1	0.57
7440-48-4	COBALT	10	7.1		0.52	0.044
7440-50-8	COPPER	10	57		2.1	0.3
7439-89-6	IRON	10	35000		21	11
7439-92-1	LEAD	10	460		0.21	0.068
7439-95-4	MAGNESIUM	10	3200		10	3.4
7439-96-5	MANGANESE	10	790		0.77	0.39
7440-02-0	NICKEL	10	28		2.1	0.45
7440-09-7	POTASSIUM	10	3000		100	15
7782-49-2	SELENIUM	10	2.5		1	0.23
7440-22-4	SILVER	10	3.1		0.12	0.059
7440-23-5	SODIUM	10	200		100	15
7440-28-0	THALLIUM	10	0.45		0.01	0.01
7440-62-2	VANADIUM	10	36		0.52	0.13
7440-66-6	ZINC	10	510		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-14D-00-01
Lab ID: 2205638-88

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.8
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-1
QCBatchID: IP220613-1-2
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 094SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.005 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	5500		15	6.6
7440-36-0	ANTIMONY	10	0.95	N	0.1	0.031
7440-38-2	ARSENIC	10	42		0.2	0.05
7440-39-3	BARIUM	10	170		0.51	0.23
7440-41-7	BERYLLIUM	10	0.81		0.051	0.0091
7440-43-9	CADMIUM	10	1.6		0.2	0.039
7440-70-2	CALCIUM	10	31000		100	19
7440-47-3	CHROMIUM	10	12		1	0.56
7440-48-4	COBALT	10	5.4		0.51	0.044
7440-50-8	COPPER	10	49		2	0.29
7439-89-6	IRON	10	21000		20	11
7439-92-1	LEAD	10	190		0.2	0.067
7439-95-4	MAGNESIUM	10	6500		10	3.3
7439-96-5	MANGANESE	10	630		0.76	0.39
7440-02-0	NICKEL	10	19		2	0.45
7440-09-7	POTASSIUM	10	2100		100	15
7782-49-2	SELENIUM	10	1.8		1	0.23
7440-22-4	SILVER	10	1.3	N	0.12	0.058
7440-23-5	SODIUM	10	260		100	15
7440-28-0	THALLIUM	10	0.28		0.01	0.0099
7440-62-2	VANADIUM	10	27		0.51	0.13
7440-66-6	ZINC	10	450		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-14D-01-06
Lab ID: 2205638-90

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 2.4
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-1
QCBatchID: IP220613-1-3
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 101SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.003 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6300		15	6.6
7440-36-0	ANTIMONY	10	0.88	N	0.1	0.032
7440-38-2	ARSENIC	10	42		0.2	0.05
7440-39-3	BARIUM	10	170		0.51	0.23
7440-41-7	BERYLLIUM	10	0.97		0.051	0.0092
7440-43-9	CADMIUM	10	1.7		0.2	0.039
7440-70-2	CALCIUM	10	22000		100	19
7440-47-3	CHROMIUM	10	12		1	0.56
7440-48-4	COBALT	10	5.9		0.51	0.044
7440-50-8	COPPER	10	40		2	0.3
7439-89-6	IRON	10	24000		20	11
7439-92-1	LEAD	10	200		0.2	0.067
7439-95-4	MAGNESIUM	10	6000		10	3.4
7439-96-5	MANGANESE	10	640		0.77	0.39
7440-02-0	NICKEL	10	26		2	0.45
7440-09-7	POTASSIUM	10	2200		100	15
7782-49-2	SELENIUM	10	2.2		1	0.23
7440-22-4	SILVER	10	1.4		0.12	0.058
7440-23-5	SODIUM	10	160		100	15
7440-28-0	THALLIUM	10	0.31		0.01	0.01
7440-62-2	VANADIUM	10	26	N	0.51	0.13
7440-66-6	ZINC	10	340		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-15B-00-01
Lab ID: 2205638-91

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.2
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-1
QCBatchID: IP220613-1-3
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 106SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.002 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	5700		15	6.6
7440-36-0	ANTIMONY	10	1.1		0.1	0.031
7440-38-2	ARSENIC	10	44		0.2	0.049
7440-39-3	BARIUM	10	150		0.51	0.23
7440-41-7	BERYLLIUM	10	0.57		0.051	0.0091
7440-43-9	CADMIUM	10	1.8		0.2	0.038
7440-70-2	CALCIUM	10	7500		100	19
7440-47-3	CHROMIUM	10	10		1	0.56
7440-48-4	COBALT	10	5.6		0.51	0.043
7440-50-8	COPPER	10	40		2	0.29
7439-89-6	IRON	10	22000		20	11
7439-92-1	LEAD	10	200		0.2	0.067
7439-95-4	MAGNESIUM	10	2300		10	3.3
7439-96-5	MANGANESE	10	570		0.76	0.38
7440-02-0	NICKEL	10	14		2	0.44
7440-09-7	POTASSIUM	10	2500		100	15
7782-49-2	SELENIUM	10	1.8		1	0.22
7440-22-4	SILVER	10	1.4		0.12	0.058
7440-23-5	SODIUM	10	160		100	15
7440-28-0	THALLIUM	10	0.27		0.01	0.0099
7440-62-2	VANADIUM	10	30		0.51	0.13
7440-66-6	ZINC	10	450		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-15B-01-06
Lab ID: 2205638-92

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.8
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-1
QCBatchID: IP220613-1-3
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 107SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.008 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7700		15	6.6
7440-36-0	ANTIMONY	10	1.2		0.1	0.031
7440-38-2	ARSENIC	10	56		0.2	0.049
7440-39-3	BARIUM	10	200		0.5	0.23
7440-41-7	BERYLLIUM	10	0.76		0.05	0.0091
7440-43-9	CADMIUM	10	4.3		0.2	0.038
7440-70-2	CALCIUM	10	11000		100	19
7440-47-3	CHROMIUM	10	12		1	0.56
7440-48-4	COBALT	10	8.7		0.5	0.043
7440-50-8	COPPER	10	46		2	0.29
7439-89-6	IRON	10	28000		20	11
7439-92-1	LEAD	10	220		0.2	0.067
7439-95-4	MAGNESIUM	10	3900		10	3.3
7439-96-5	MANGANESE	10	1400		0.76	0.38
7440-02-0	NICKEL	10	27		2	0.44
7440-09-7	POTASSIUM	10	2400		100	15
7782-49-2	SELENIUM	10	2.6		1	0.22
7440-22-4	SILVER	10	1.6		0.12	0.058
7440-23-5	SODIUM	10	170		100	15
7440-28-0	THALLIUM	10	0.35		0.01	0.0099
7440-62-2	VANADIUM	10	37		0.5	0.13
7440-66-6	ZINC	10	880		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-16B-00-01
Lab ID: 2205638-93

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.3
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-1
QCBatchID: IP220613-1-3
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 108SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6600		15	6.6
7440-36-0	ANTIMONY	10	1.1		0.1	0.031
7440-38-2	ARSENIC	10	46		0.2	0.05
7440-39-3	BARIUM	10	170		0.51	0.23
7440-41-7	BERYLLIUM	10	0.75		0.051	0.0091
7440-43-9	CADMIUM	10	1.6		0.2	0.039
7440-70-2	CALCIUM	10	9300		100	19
7440-47-3	CHROMIUM	10	11		1	0.56
7440-48-4	COBALT	10	8		0.51	0.044
7440-50-8	COPPER	10	42		2	0.29
7439-89-6	IRON	10	25000		20	11
7439-92-1	LEAD	10	180		0.2	0.067
7439-95-4	MAGNESIUM	10	3100		10	3.3
7439-96-5	MANGANESE	10	680		0.76	0.39
7440-02-0	NICKEL	10	20		2	0.45
7440-09-7	POTASSIUM	10	2600		100	15
7782-49-2	SELENIUM	10	2.5		1	0.23
7440-22-4	SILVER	10	1.3		0.12	0.058
7440-23-5	SODIUM	10	170		100	15
7440-28-0	THALLIUM	10	0.31		0.01	0.0099
7440-62-2	VANADIUM	10	31		0.51	0.13
7440-66-6	ZINC	10	390		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-16B-01-06
Lab ID: 2205638-94

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 2.2
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-1
QCBatchID: IP220613-1-3
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 109SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.006 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7800		15	6.6
7440-36-0	ANTIMONY	10	1.2		0.1	0.032
7440-38-2	ARSENIC	10	65		0.2	0.05
7440-39-3	BARIUM	10	210		0.51	0.23
7440-41-7	BERYLLIUM	10	0.85		0.051	0.0092
7440-43-9	CADMIUM	10	2		0.2	0.039
7440-70-2	CALCIUM	10	11000		100	19
7440-47-3	CHROMIUM	10	14		1	0.56
7440-48-4	COBALT	10	9.7		0.51	0.044
7440-50-8	COPPER	10	49		2	0.29
7439-89-6	IRON	10	34000		20	11
7439-92-1	LEAD	10	250		0.2	0.067
7439-95-4	MAGNESIUM	10	3700		10	3.4
7439-96-5	MANGANESE	10	930		0.76	0.39
7440-02-0	NICKEL	10	42		2	0.45
7440-09-7	POTASSIUM	10	2700		100	15
7782-49-2	SELENIUM	10	3.2		1	0.23
7440-22-4	SILVER	10	1.8		0.12	0.058
7440-23-5	SODIUM	10	170		100	15
7440-28-0	THALLIUM	10	0.37		0.01	0.01
7440-62-2	VANADIUM	10	38		0.51	0.13
7440-66-6	ZINC	10	400		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-16B1-00-01
Lab ID: 2205638-95

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.8
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-1
QCBatchID: IP220613-1-3
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 110SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.03 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7200		15	6.4
7440-36-0	ANTIMONY	10	0.67		0.099	0.031
7440-38-2	ARSENIC	10	35		0.2	0.048
7440-39-3	BARIUM	10	200		0.49	0.23
7440-41-7	BERYLLIUM	10	0.69		0.049	0.0089
7440-43-9	CADMIUM	10	1.1		0.2	0.038
7440-70-2	CALCIUM	10	10000		99	18
7440-47-3	CHROMIUM	10	13		0.99	0.54
7440-48-4	COBALT	10	6.5		0.49	0.043
7440-50-8	COPPER	10	43		2	0.29
7439-89-6	IRON	10	19000		20	11
7439-92-1	LEAD	10	92		0.2	0.065
7439-95-4	MAGNESIUM	10	2900		9.9	3.3
7439-96-5	MANGANESE	10	520		0.74	0.38
7440-02-0	NICKEL	10	17		2	0.43
7440-09-7	POTASSIUM	10	2700		99	15
7782-49-2	SELENIUM	10	2.1		0.99	0.22
7440-22-4	SILVER	10	0.68		0.11	0.056
7440-23-5	SODIUM	10	240		99	15
7440-28-0	THALLIUM	10	0.23		0.0099	0.0097
7440-62-2	VANADIUM	10	27		0.49	0.13
7440-66-6	ZINC	10	290		9.9	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-16B1-01-06
Lab ID: 2205638-96

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 4.6
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-1
QCBatchID: IP220613-1-3
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 113SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.003 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7900		16	6.8
7440-36-0	ANTIMONY	10	0.5		0.1	0.032
7440-38-2	ARSENIC	10	24		0.21	0.051
7440-39-3	BARIUM	10	210		0.52	0.24
7440-41-7	BERYLLIUM	10	0.75		0.052	0.0094
7440-43-9	CADMIUM	10	1.2		0.21	0.04
7440-70-2	CALCIUM	10	7900		100	19
7440-47-3	CHROMIUM	10	9.3		1	0.57
7440-48-4	COBALT	10	7.4		0.52	0.045
7440-50-8	COPPER	10	31		2.1	0.3
7439-89-6	IRON	10	20000		21	11
7439-92-1	LEAD	10	79		0.21	0.069
7439-95-4	MAGNESIUM	10	2800		10	3.4
7439-96-5	MANGANESE	10	510		0.78	0.4
7440-02-0	NICKEL	10	25		2.1	0.46
7440-09-7	POTASSIUM	10	2000		100	16
7782-49-2	SELENIUM	10	2.3		1	0.23
7440-22-4	SILVER	10	0.53		0.12	0.06
7440-23-5	SODIUM	10	160		100	16
7440-28-0	THALLIUM	10	0.23		0.01	0.01
7440-62-2	VANADIUM	10	25		0.52	0.14
7440-66-6	ZINC	10	260		10	4.3

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-16D-00-01
Lab ID: 2205638-97

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.3
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-1
QCBatchID: IP220613-1-3
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 114SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.029 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7800		15	6.4
7440-36-0	ANTIMONY	10	0.82		0.098	0.031
7440-38-2	ARSENIC	10	35		0.2	0.048
7440-39-3	BARIUM	10	180		0.49	0.23
7440-41-7	BERYLLIUM	10	0.71		0.049	0.0089
7440-43-9	CADMIUM	10	1.8		0.2	0.037
7440-70-2	CALCIUM	10	12000		98	18
7440-47-3	CHROMIUM	10	13		0.98	0.54
7440-48-4	COBALT	10	5.9		0.49	0.042
7440-50-8	COPPER	10	37		2	0.29
7439-89-6	IRON	10	22000		20	11
7439-92-1	LEAD	10	150		0.2	0.065
7439-95-4	MAGNESIUM	10	3600		9.8	3.2
7439-96-5	MANGANESE	10	560		0.74	0.37
7440-02-0	NICKEL	10	18		2	0.43
7440-09-7	POTASSIUM	10	3300		98	15
7782-49-2	SELENIUM	10	2		0.98	0.22
7440-22-4	SILVER	10	1.1		0.11	0.056
7440-23-5	SODIUM	10	620		98	15
7440-28-0	THALLIUM	10	0.28		0.0098	0.0096
7440-62-2	VANADIUM	10	32		0.49	0.13
7440-66-6	ZINC	10	340		9.8	4

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-16D-01-06
Lab ID: 2205638-98

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.7
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-1
QCBatchID: IP220613-1-3
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 115SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.002 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8600		15	6.6
7440-36-0	ANTIMONY	10	0.85		0.1	0.031
7440-38-2	ARSENIC	10	37		0.2	0.05
7440-39-3	BARIUM	10	210		0.51	0.23
7440-41-7	BERYLLIUM	10	0.8		0.051	0.0091
7440-43-9	CADMIUM	10	1.8		0.2	0.039
7440-70-2	CALCIUM	10	14000		100	19
7440-47-3	CHROMIUM	10	11		1	0.56
7440-48-4	COBALT	10	6.6		0.51	0.044
7440-50-8	COPPER	10	42		2	0.29
7439-89-6	IRON	10	25000		20	11
7439-92-1	LEAD	10	180		0.2	0.067
7439-95-4	MAGNESIUM	10	4000		10	3.3
7439-96-5	MANGANESE	10	630		0.76	0.39
7440-02-0	NICKEL	10	35		2	0.45
7440-09-7	POTASSIUM	10	2800		100	15
7782-49-2	SELENIUM	10	2.4		1	0.23
7440-22-4	SILVER	10	1.1		0.12	0.058
7440-23-5	SODIUM	10	570		100	15
7440-28-0	THALLIUM	10	0.31		0.01	0.0099
7440-62-2	VANADIUM	10	35		0.51	0.13
7440-66-6	ZINC	10	320		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-17B-00-01
Lab ID: 2205638-99

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 2.3
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-1
QCBatchID: IP220613-1-3
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 116SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.001 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6900		15	6.6
7440-36-0	ANTIMONY	10	1		0.1	0.032
7440-38-2	ARSENIC	10	47		0.2	0.05
7440-39-3	BARIUM	10	190		0.51	0.24
7440-41-7	BERYLLIUM	10	0.69		0.051	0.0092
7440-43-9	CADMIUM	10	1.6		0.2	0.039
7440-70-2	CALCIUM	10	15000		100	19
7440-47-3	CHROMIUM	10	13		1	0.56
7440-48-4	COBALT	10	8.1		0.51	0.044
7440-50-8	COPPER	10	41		2	0.3
7439-89-6	IRON	10	24000		20	11
7439-92-1	LEAD	10	160		0.2	0.068
7439-95-4	MAGNESIUM	10	3400		10	3.4
7439-96-5	MANGANESE	10	700		0.77	0.39
7440-02-0	NICKEL	10	20		2	0.45
7440-09-7	POTASSIUM	10	2900		100	15
7782-49-2	SELENIUM	10	2.3		1	0.23
7440-22-4	SILVER	10	1.1		0.12	0.058
7440-23-5	SODIUM	10	190		100	15
7440-28-0	THALLIUM	10	0.29		0.01	0.01
7440-62-2	VANADIUM	10	33		0.51	0.13
7440-66-6	ZINC	10	350		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-17B-01-06
Lab ID: 2205638-100

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 4.6
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-1
QCBatchID: IP220613-1-3
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 117SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.005 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8400		16	6.8
7440-36-0	ANTIMONY	10	0.8		0.1	0.032
7440-38-2	ARSENIC	10	42		0.21	0.051
7440-39-3	BARIUM	10	240		0.52	0.24
7440-41-7	BERYLLIUM	10	0.81		0.052	0.0094
7440-43-9	CADMIUM	10	1.5		0.21	0.04
7440-70-2	CALCIUM	10	14000		100	19
7440-47-3	CHROMIUM	10	15		1	0.57
7440-48-4	COBALT	10	10		0.52	0.045
7440-50-8	COPPER	10	44		2.1	0.3
7439-89-6	IRON	10	29000		21	11
7439-92-1	LEAD	10	150		0.21	0.069
7439-95-4	MAGNESIUM	10	4200		10	3.4
7439-96-5	MANGANESE	10	750		0.78	0.4
7440-02-0	NICKEL	10	35		2.1	0.46
7440-09-7	POTASSIUM	10	2300		100	16
7782-49-2	SELENIUM	10	3.1		1	0.23
7440-22-4	SILVER	10	1		0.12	0.059
7440-23-5	SODIUM	10	180		100	16
7440-28-0	THALLIUM	10	0.32		0.01	0.01
7440-62-2	VANADIUM	10	36		0.52	0.14
7440-66-6	ZINC	10	290		10	4.3

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-17D-00-01
Lab ID: 2205638-101

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 7.0
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-2
QCBatchID: IP220613-2-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 123SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.001 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7500		16	7
7440-36-0	ANTIMONY	10	1.2		0.11	0.033
7440-38-2	ARSENIC	10	44		0.21	0.053
7440-39-3	BARIUM	10	210		0.54	0.25
7440-41-7	BERYLLIUM	10	0.87		0.054	0.0097
7440-43-9	CADMIUM	10	2.3		0.21	0.041
7440-70-2	CALCIUM	10	15000		110	20
7440-47-3	CHROMIUM	10	13		1.1	0.59
7440-48-4	COBALT	10	8.1		0.54	0.046
7440-50-8	COPPER	10	44		2.1	0.31
7439-89-6	IRON	10	26000		21	12
7439-92-1	LEAD	10	160		0.21	0.071
7439-95-4	MAGNESIUM	10	4500		11	3.5
7439-96-5	MANGANESE	10	810		0.81	0.41
7440-02-0	NICKEL	10	19		2.1	0.47
7440-09-7	POTASSIUM	10	3300		110	16
7782-49-2	SELENIUM	10	2.8		1.1	0.24
7440-22-4	SILVER	10	1.4		0.12	0.061
7440-23-5	SODIUM	10	210		110	16
7440-28-0	THALLIUM	10	0.34		0.011	0.011
7440-62-2	VANADIUM	10	33		0.54	0.14
7440-66-6	ZINC	10	420		11	4.4

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-17D-01-06
Lab ID: 2205638-102

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 22.7
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-2
QCBatchID: IP220613-2-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 124SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.031 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	9600		19	8.2
7440-36-0	ANTIMONY	10	1.4		0.13	0.039
7440-38-2	ARSENIC	10	55		0.25	0.061
7440-39-3	BARIUM	10	270		0.63	0.29
7440-41-7	BERYLLIUM	10	1.1		0.063	0.011
7440-43-9	CADMIUM	10	2.6		0.25	0.048
7440-70-2	CALCIUM	10	20000		130	23
7440-47-3	CHROMIUM	10	17		1.3	0.69
7440-48-4	COBALT	10	9.9		0.63	0.054
7440-50-8	COPPER	10	56		2.5	0.36
7439-89-6	IRON	10	34000		25	14
7439-92-1	LEAD	10	210		0.25	0.083
7439-95-4	MAGNESIUM	10	5700		13	4.1
7439-96-5	MANGANESE	10	1000		0.94	0.48
7440-02-0	NICKEL	10	37		2.5	0.55
7440-09-7	POTASSIUM	10	3100		130	19
7782-49-2	SELENIUM	10	3.5		1.3	0.28
7440-22-4	SILVER	10	1.6		0.14	0.072
7440-23-5	SODIUM	10	200		130	19
7440-28-0	THALLIUM	10	0.42		0.013	0.012
7440-62-2	VANADIUM	10	42		0.63	0.16
7440-66-6	ZINC	10	470		13	5.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-18B-00-01
Lab ID: 2205638-103

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 2.6
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-2
QCBatchID: IP220613-2-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 125SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.004 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7100		15	6.6
7440-36-0	ANTIMONY	10	1.2		0.1	0.032
7440-38-2	ARSENIC	10	32		0.2	0.05
7440-39-3	BARIUM	10	180		0.51	0.24
7440-41-7	BERYLLIUM	10	0.73		0.051	0.0092
7440-43-9	CADMIUM	10	1.1		0.2	0.039
7440-70-2	CALCIUM	10	11000		100	19
7440-47-3	CHROMIUM	10	13		1	0.56
7440-48-4	COBALT	10	6.7		0.51	0.044
7440-50-8	COPPER	10	32		2	0.3
7439-89-6	IRON	10	21000		20	11
7439-92-1	LEAD	10	110		0.2	0.067
7439-95-4	MAGNESIUM	10	2900		10	3.4
7439-96-5	MANGANESE	10	530		0.77	0.39
7440-02-0	NICKEL	10	18		2	0.45
7440-09-7	POTASSIUM	10	2300		100	15
7782-49-2	SELENIUM	10	2.3		1	0.23
7440-22-4	SILVER	10	0.87		0.12	0.058
7440-23-5	SODIUM	10	120		100	15
7440-28-0	THALLIUM	10	0.26		0.01	0.01
7440-62-2	VANADIUM	10	28		0.51	0.13
7440-66-6	ZINC	10	260		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-18B-01-06
Lab ID: 2205638-104

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 6.4
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-2
QCBatchID: IP220613-2-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 126SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.009 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8100		16	6.9
7440-36-0	ANTIMONY	10	0.84		0.11	0.033
7440-38-2	ARSENIC	10	36		0.21	0.052
7440-39-3	BARIUM	10	230		0.53	0.24
7440-41-7	BERYLLIUM	10	0.83		0.053	0.0095
7440-43-9	CADMIUM	10	1.5		0.21	0.04
7440-70-2	CALCIUM	10	11000		110	20
7440-47-3	CHROMIUM	10	15		1.1	0.58
7440-48-4	COBALT	10	9.7		0.53	0.046
7440-50-8	COPPER	10	37		2.1	0.31
7439-89-6	IRON	10	27000		21	12
7439-92-1	LEAD	10	120		0.21	0.07
7439-95-4	MAGNESIUM	10	3900		11	3.5
7439-96-5	MANGANESE	10	740		0.79	0.4
7440-02-0	NICKEL	10	40		2.1	0.47
7440-09-7	POTASSIUM	10	2100		110	16
7782-49-2	SELENIUM	10	2.9		1.1	0.23
7440-22-4	SILVER	10	0.89		0.12	0.06
7440-23-5	SODIUM	10	160		110	16
7440-28-0	THALLIUM	10	0.32		0.011	0.01
7440-62-2	VANADIUM	10	32		0.53	0.14
7440-66-6	ZINC	10	270		11	4.3

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-18D-00-01
Lab ID: 2205638-105

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.8
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-2
QCBatchID: IP220613-2-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 127SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.004 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7000		15	6.5
7440-36-0	ANTIMONY	10	1.1		0.1	0.031
7440-38-2	ARSENIC	10	43		0.2	0.049
7440-39-3	BARIUM	10	190		0.5	0.23
7440-41-7	BERYLLIUM	10	0.72		0.05	0.009
7440-43-9	CADMIUM	10	1.9		0.2	0.038
7440-70-2	CALCIUM	10	12000		100	19
7440-47-3	CHROMIUM	10	11		1	0.55
7440-48-4	COBALT	10	6.6		0.5	0.043
7440-50-8	COPPER	10	34		2	0.29
7439-89-6	IRON	10	23000		20	11
7439-92-1	LEAD	10	170		0.2	0.066
7439-95-4	MAGNESIUM	10	4000		10	3.3
7439-96-5	MANGANESE	10	690		0.75	0.38
7440-02-0	NICKEL	10	15		2	0.44
7440-09-7	POTASSIUM	10	2600		100	15
7782-49-2	SELENIUM	10	2.3		1	0.22
7440-22-4	SILVER	10	1.3		0.11	0.057
7440-23-5	SODIUM	10	120		100	15
7440-28-0	THALLIUM	10	0.29		0.01	0.0098
7440-62-2	VANADIUM	10	31		0.5	0.13
7440-66-6	ZINC	10	380		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-18D-01-06
Lab ID: 2205638-106

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 2.4
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-2
QCBatchID: IP220613-2-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 128SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.024 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7800		15	6.5
7440-36-0	ANTIMONY	10	0.78		0.1	0.031
7440-38-2	ARSENIC	10	28		0.2	0.049
7440-39-3	BARIUM	10	200		0.5	0.23
7440-41-7	BERYLLIUM	10	0.97		0.05	0.009
7440-43-9	CADMIUM	10	2		0.2	0.038
7440-70-2	CALCIUM	10	12000		100	19
7440-47-3	CHROMIUM	10	11		1	0.55
7440-48-4	COBALT	10	5.9		0.5	0.043
7440-50-8	COPPER	10	31		2	0.29
7439-89-6	IRON	10	22000		20	11
7439-92-1	LEAD	10	130		0.2	0.066
7439-95-4	MAGNESIUM	10	4400		10	3.3
7439-96-5	MANGANESE	10	640		0.75	0.38
7440-02-0	NICKEL	10	37		2	0.44
7440-09-7	POTASSIUM	10	1800		100	15
7782-49-2	SELENIUM	10	2.7		1	0.22
7440-22-4	SILVER	10	0.88		0.11	0.057
7440-23-5	SODIUM	10	160		100	15
7440-28-0	THALLIUM	10	0.28		0.01	0.0098
7440-62-2	VANADIUM	10	26		0.5	0.13
7440-66-6	ZINC	10	320		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-19B-00-01
Lab ID: 2205638-107

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.3
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-2
QCBatchID: IP220613-2-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 129SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.008 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7100		15	6.5
7440-36-0	ANTIMONY	10	1.4		0.099	0.031
7440-38-2	ARSENIC	10	49		0.2	0.049
7440-39-3	BARIUM	10	180		0.5	0.23
7440-41-7	BERYLLIUM	10	0.77		0.05	0.009
7440-43-9	CADMIUM	10	1.9		0.2	0.038
7440-70-2	CALCIUM	10	10000		99	18
7440-47-3	CHROMIUM	10	14		0.99	0.55
7440-48-4	COBALT	10	7.9		0.5	0.043
7440-50-8	COPPER	10	48		2	0.29
7439-89-6	IRON	10	27000		20	11
7439-92-1	LEAD	10	190		0.2	0.066
7439-95-4	MAGNESIUM	10	3000		9.9	3.3
7439-96-5	MANGANESE	10	680		0.75	0.38
7440-02-0	NICKEL	10	22		2	0.44
7440-09-7	POTASSIUM	10	2600		99	15
7782-49-2	SELENIUM	10	2.6		0.99	0.22
7440-22-4	SILVER	10	1.2		0.11	0.057
7440-23-5	SODIUM	10	170		99	15
7440-28-0	THALLIUM	10	0.31		0.0099	0.0098
7440-62-2	VANADIUM	10	34		0.5	0.13
7440-66-6	ZINC	10	430		9.9	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-19B-01-06
Lab ID: 2205638-108

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 2.8
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-2
QCBatchID: IP220613-2-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 132SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.011 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7500		15	6.6
7440-36-0	ANTIMONY	10	0.67		0.1	0.032
7440-38-2	ARSENIC	10	30		0.2	0.05
7440-39-3	BARIUM	10	190		0.51	0.23
7440-41-7	BERYLLIUM	10	0.85		0.051	0.0092
7440-43-9	CADMIUM	10	1.3		0.2	0.039
7440-70-2	CALCIUM	10	10000		100	19
7440-47-3	CHROMIUM	10	11		1	0.56
7440-48-4	COBALT	10	8.6		0.51	0.044
7440-50-8	COPPER	10	41		2	0.3
7439-89-6	IRON	10	25000		20	11
7439-92-1	LEAD	10	110		0.2	0.067
7439-95-4	MAGNESIUM	10	4200		10	3.4
7439-96-5	MANGANESE	10	600		0.76	0.39
7440-02-0	NICKEL	10	44		2	0.45
7440-09-7	POTASSIUM	10	1900		100	15
7782-49-2	SELENIUM	10	2.9		1	0.23
7440-22-4	SILVER	10	0.73		0.12	0.058
7440-23-5	SODIUM	10	140		100	15
7440-28-0	THALLIUM	10	0.28		0.01	0.01
7440-62-2	VANADIUM	10	27		0.51	0.13
7440-66-6	ZINC	10	230		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-20B-00-01
Lab ID: 2205638-109

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.2
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-2
QCBatchID: IP220613-2-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 133SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.008 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6900		15	6.5
7440-36-0	ANTIMONY	10	0.54		0.1	0.031
7440-38-2	ARSENIC	10	24		0.2	0.049
7440-39-3	BARIUM	10	170		0.5	0.23
7440-41-7	BERYLLIUM	10	0.63		0.05	0.009
7440-43-9	CADMIUM	10	1.2		0.2	0.038
7440-70-2	CALCIUM	10	6900		100	19
7440-47-3	CHROMIUM	10	8.7		1	0.55
7440-48-4	COBALT	10	6		0.5	0.043
7440-50-8	COPPER	10	24		2	0.29
7439-89-6	IRON	10	17000		20	11
7439-92-1	LEAD	10	85		0.2	0.066
7439-95-4	MAGNESIUM	10	2200		10	3.3
7439-96-5	MANGANESE	10	480		0.75	0.38
7440-02-0	NICKEL	10	14		2	0.44
7440-09-7	POTASSIUM	10	2100		100	15
7782-49-2	SELENIUM	10	1.7		1	0.22
7440-22-4	SILVER	10	0.83		0.11	0.057
7440-23-5	SODIUM	10	90	J	100	15
7440-28-0	THALLIUM	10	0.23		0.01	0.0098
7440-62-2	VANADIUM	10	25		0.5	0.13
7440-66-6	ZINC	10	200		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-20B-01-06
Lab ID: 2205638-110

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.6
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-2
QCBatchID: IP220613-2-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 134SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.012 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7700		15	6.5
7440-36-0	ANTIMONY	10	0.69		0.1	0.031
7440-38-2	ARSENIC	10	33		0.2	0.049
7440-39-3	BARIUM	10	200		0.5	0.23
7440-41-7	BERYLLIUM	10	0.79		0.05	0.009
7440-43-9	CADMIUM	10	1.8		0.2	0.038
7440-70-2	CALCIUM	10	8200		100	19
7440-47-3	CHROMIUM	10	9.8		1	0.55
7440-48-4	COBALT	10	7.4		0.5	0.043
7440-50-8	COPPER	10	33		2	0.29
7439-89-6	IRON	10	23000		20	11
7439-92-1	LEAD	10	130		0.2	0.066
7439-95-4	MAGNESIUM	10	3300		10	3.3
7439-96-5	MANGANESE	10	700		0.75	0.38
7440-02-0	NICKEL	10	34		2	0.44
7440-09-7	POTASSIUM	10	1900		100	15
7782-49-2	SELENIUM	10	2.3		1	0.22
7440-22-4	SILVER	10	0.9		0.11	0.057
7440-23-5	SODIUM	10	110		100	15
7440-28-0	THALLIUM	10	0.28		0.01	0.0098
7440-62-2	VANADIUM	10	28		0.5	0.13
7440-66-6	ZINC	10	260		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-20D-00-01
Lab ID: 2205638-111

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.8
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-2
QCBatchID: IP220613-2-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 135SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.001 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7800		15	6.6
7440-36-0	ANTIMONY	10	1.1		0.1	0.032
7440-38-2	ARSENIC	10	48		0.2	0.05
7440-39-3	BARIUM	10	210		0.51	0.23
7440-41-7	BERYLLIUM	10	0.76		0.051	0.0092
7440-43-9	CADMIUM	10	2.5		0.2	0.039
7440-70-2	CALCIUM	10	13000		100	19
7440-47-3	CHROMIUM	10	24		1	0.56
7440-48-4	COBALT	10	8.2		0.51	0.044
7440-50-8	COPPER	10	46		2	0.3
7439-89-6	IRON	10	29000		20	11
7439-92-1	LEAD	10	200		0.2	0.067
7439-95-4	MAGNESIUM	10	3500		10	3.4
7439-96-5	MANGANESE	10	940		0.76	0.39
7440-02-0	NICKEL	10	46		2	0.45
7440-09-7	POTASSIUM	10	2300		100	15
7782-49-2	SELENIUM	10	2.6		1	0.23
7440-22-4	SILVER	10	1.4		0.12	0.058
7440-23-5	SODIUM	10	170		100	15
7440-28-0	THALLIUM	10	0.33		0.01	0.01
7440-62-2	VANADIUM	10	34		0.51	0.13
7440-66-6	ZINC	10	470		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-20D-01-06
Lab ID: 2205638-112

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.7
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-2
QCBatchID: IP220613-2-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 136SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.006 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6900		15	6.6
7440-36-0	ANTIMONY	10	0.78		0.1	0.031
7440-38-2	ARSENIC	10	34		0.2	0.05
7440-39-3	BARIUM	10	190		0.51	0.23
7440-41-7	BERYLLIUM	10	0.73		0.051	0.0091
7440-43-9	CADMIUM	10	1.6		0.2	0.038
7440-70-2	CALCIUM	10	11000		100	19
7440-47-3	CHROMIUM	10	14		1	0.56
7440-48-4	COBALT	10	6.6		0.51	0.043
7440-50-8	COPPER	10	31		2	0.29
7439-89-6	IRON	10	22000		20	11
7439-92-1	LEAD	10	120		0.2	0.067
7439-95-4	MAGNESIUM	10	3800		10	3.3
7439-96-5	MANGANESE	10	720		0.76	0.38
7440-02-0	NICKEL	10	24		2	0.44
7440-09-7	POTASSIUM	10	1700		100	15
7782-49-2	SELENIUM	10	2.3		1	0.22
7440-22-4	SILVER	10	0.89		0.12	0.058
7440-23-5	SODIUM	10	140		100	15
7440-28-0	THALLIUM	10	0.26		0.01	0.0099
7440-62-2	VANADIUM	10	27		0.51	0.13
7440-66-6	ZINC	10	280		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-21D-00-01
Lab ID: 2205638-113

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 2.2
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-2
QCBatchID: IP220613-2-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 137SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.01 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7700		15	6.6
7440-36-0	ANTIMONY	10	1.4		0.1	0.031
7440-38-2	ARSENIC	10	65		0.2	0.05
7440-39-3	BARIUM	10	220		0.51	0.23
7440-41-7	BERYLLIUM	10	0.77		0.051	0.0091
7440-43-9	CADMIUM	10	2.9		0.2	0.038
7440-70-2	CALCIUM	10	8900		100	19
7440-47-3	CHROMIUM	10	13		1	0.56
7440-48-4	COBALT	10	8.4		0.51	0.044
7440-50-8	COPPER	10	47		2	0.29
7439-89-6	IRON	10	32000		20	11
7439-92-1	LEAD	100	640		2	0.67
7439-95-4	MAGNESIUM	10	2900		10	3.3
7439-96-5	MANGANESE	10	930		0.76	0.38
7440-02-0	NICKEL	10	23		2	0.45
7440-09-7	POTASSIUM	10	2900		100	15
7782-49-2	SELENIUM	10	2.6		1	0.22
7440-22-4	SILVER	10	1.8		0.12	0.058
7440-23-5	SODIUM	10	180		100	15
7440-28-0	THALLIUM	10	0.36		0.01	0.0099
7440-62-2	VANADIUM	10	36		0.51	0.13
7440-66-6	ZINC	10	540		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-21D-01-06
Lab ID: 2205638-115

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 4.2
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-2
QCBatchID: IP220613-2-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 138SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.025 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6900		15	6.6
7440-36-0	ANTIMONY	10	2.6		0.1	0.032
7440-38-2	ARSENIC	10	140		0.2	0.05
7440-39-3	BARIUM	10	260		0.51	0.23
7440-41-7	BERYLLIUM	10	0.66		0.051	0.0092
7440-43-9	CADMIUM	10	2.5		0.2	0.039
7440-70-2	CALCIUM	10	7100		100	19
7440-47-3	CHROMIUM	10	12		1	0.56
7440-48-4	COBALT	10	8.1		0.51	0.044
7440-50-8	COPPER	10	57		2	0.3
7439-89-6	IRON	10	46000		20	11
7439-92-1	LEAD	100	500		2	0.67
7439-95-4	MAGNESIUM	10	2700		10	3.4
7439-96-5	MANGANESE	10	1100		0.76	0.39
7440-02-0	NICKEL	10	26		2	0.45
7440-09-7	POTASSIUM	10	2700		100	15
7782-49-2	SELENIUM	10	3		1	0.23
7440-22-4	SILVER	10	3.9		0.12	0.058
7440-23-5	SODIUM	10	180		100	15
7440-28-0	THALLIUM	10	0.48		0.01	0.01
7440-62-2	VANADIUM	10	48		0.51	0.13
7440-66-6	ZINC	10	520		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-22D-00-01
Lab ID: 2205638-116

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.8
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-2
QCBatchID: IP220613-2-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 139SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.023 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7300		15	6.4
7440-36-0	ANTIMONY	10	1.2		0.099	0.031
7440-38-2	ARSENIC	10	49		0.2	0.048
7440-39-3	BARIUM	10	190		0.49	0.23
7440-41-7	BERYLLIUM	10	0.7		0.049	0.0089
7440-43-9	CADMIUM	10	1.8		0.2	0.037
7440-70-2	CALCIUM	10	13000		99	18
7440-47-3	CHROMIUM	10	14		0.99	0.54
7440-48-4	COBALT	10	8.6		0.49	0.042
7440-50-8	COPPER	10	53		2	0.29
7439-89-6	IRON	10	27000		20	11
7439-92-1	LEAD	10	160		0.2	0.065
7439-95-4	MAGNESIUM	10	4000		9.9	3.3
7439-96-5	MANGANESE	10	800		0.74	0.37
7440-02-0	NICKEL	10	18		2	0.43
7440-09-7	POTASSIUM	10	3300		99	15
7782-49-2	SELENIUM	10	2.4		0.99	0.22
7440-22-4	SILVER	10	1.3		0.11	0.056
7440-23-5	SODIUM	10	570		99	15
7440-28-0	THALLIUM	10	0.31		0.0099	0.0097
7440-62-2	VANADIUM	10	35		0.49	0.13
7440-66-6	ZINC	10	460		9.9	4

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-22D-01-06
Lab ID: 2205638-117

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.1
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-2
QCBatchID: IP220613-2-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 140SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.011 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8000		15	6.5
7440-36-0	ANTIMONY	10	1.2		0.1	0.031
7440-38-2	ARSENIC	10	47		0.2	0.049
7440-39-3	BARIUM	10	210		0.5	0.23
7440-41-7	BERYLLIUM	10	0.78		0.05	0.009
7440-43-9	CADMIUM	10	2.1		0.2	0.038
7440-70-2	CALCIUM	10	11000		100	19
7440-47-3	CHROMIUM	10	12		1	0.55
7440-48-4	COBALT	10	9.4		0.5	0.043
7440-50-8	COPPER	10	45		2	0.29
7439-89-6	IRON	10	29000		20	11
7439-92-1	LEAD	10	180		0.2	0.066
7439-95-4	MAGNESIUM	10	3500		10	3.3
7439-96-5	MANGANESE	10	850		0.75	0.38
7440-02-0	NICKEL	10	23		2	0.44
7440-09-7	POTASSIUM	10	2600		100	15
7782-49-2	SELENIUM	10	2.8		1	0.22
7440-22-4	SILVER	10	1.2		0.11	0.057
7440-23-5	SODIUM	10	180		100	15
7440-28-0	THALLIUM	10	0.33		0.01	0.0098
7440-62-2	VANADIUM	10	36		0.5	0.13
7440-66-6	ZINC	10	410		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-23D-00-01
Lab ID: 2205638-118

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.4
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-2
QCBatchID: IP220613-2-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 141SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.004 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7700		15	6.5
7440-36-0	ANTIMONY	10	1.5		0.1	0.031
7440-38-2	ARSENIC	10	58		0.2	0.049
7440-39-3	BARIUM	10	190		0.5	0.23
7440-41-7	BERYLLIUM	10	0.75		0.05	0.009
7440-43-9	CADMIUM	10	1.4		0.2	0.038
7440-70-2	CALCIUM	10	14000		100	18
7440-47-3	CHROMIUM	10	13		1	0.55
7440-48-4	COBALT	10	11		0.5	0.043
7440-50-8	COPPER	10	42		2	0.29
7439-89-6	IRON	10	31000		20	11
7439-92-1	LEAD	10	260		0.2	0.066
7439-95-4	MAGNESIUM	10	4400		10	3.3
7439-96-5	MANGANESE	10	840		0.75	0.38
7440-02-0	NICKEL	10	23		2	0.44
7440-09-7	POTASSIUM	10	2200		100	15
7782-49-2	SELENIUM	10	2.7		1	0.22
7440-22-4	SILVER	10	1.6		0.11	0.057
7440-23-5	SODIUM	10	240		100	15
7440-28-0	THALLIUM	10	0.36		0.01	0.0098
7440-62-2	VANADIUM	10	39		0.5	0.13
7440-66-6	ZINC	10	280		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-23D-01-06
Lab ID: 2205638-119

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.8
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-2
QCBatchID: IP220613-2-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 144SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.009 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8400		15	6.6
7440-36-0	ANTIMONY	10	1		0.1	0.031
7440-38-2	ARSENIC	10	48		0.2	0.049
7440-39-3	BARIUM	10	170		0.5	0.23
7440-41-7	BERYLLIUM	10	0.83		0.05	0.0091
7440-43-9	CADMIUM	10	2.7		0.2	0.038
7440-70-2	CALCIUM	10	17000		100	19
7440-47-3	CHROMIUM	10	13		1	0.56
7440-48-4	COBALT	10	11		0.5	0.043
7440-50-8	COPPER	10	45		2	0.29
7439-89-6	IRON	10	31000		20	11
7439-92-1	LEAD	10	190		0.2	0.067
7439-95-4	MAGNESIUM	10	5100		10	3.3
7439-96-5	MANGANESE	10	1000		0.76	0.38
7440-02-0	NICKEL	10	27		2	0.44
7440-09-7	POTASSIUM	10	2100		100	15
7782-49-2	SELENIUM	10	3.1		1	0.22
7440-22-4	SILVER	10	1.3		0.12	0.058
7440-23-5	SODIUM	10	160		100	15
7440-28-0	THALLIUM	10	0.35		0.01	0.0099
7440-62-2	VANADIUM	10	36		0.5	0.13
7440-66-6	ZINC	10	380		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-24D-00-01
Lab ID: 2205638-120

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 2.6
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-2
QCBatchID: IP220613-2-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 145SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.014 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7000		15	6.6
7440-36-0	ANTIMONY	10	1.1		0.1	0.031
7440-38-2	ARSENIC	10	48		0.2	0.05
7440-39-3	BARIUM	10	190		0.51	0.23
7440-41-7	BERYLLIUM	10	0.74		0.051	0.0091
7440-43-9	CADMIUM	10	2		0.2	0.038
7440-70-2	CALCIUM	10	13000		100	19
7440-47-3	CHROMIUM	10	13		1	0.56
7440-48-4	COBALT	10	7.9		0.51	0.044
7440-50-8	COPPER	10	46		2	0.29
7439-89-6	IRON	10	25000		20	11
7439-92-1	LEAD	10	140		0.2	0.067
7439-95-4	MAGNESIUM	10	3400		10	3.3
7439-96-5	MANGANESE	10	790		0.76	0.38
7440-02-0	NICKEL	10	18		2	0.45
7440-09-7	POTASSIUM	10	2600		100	15
7782-49-2	SELENIUM	10	2.5		1	0.22
7440-22-4	SILVER	10	1.2		0.12	0.058
7440-23-5	SODIUM	10	130		100	15
7440-28-0	THALLIUM	10	0.32		0.01	0.0099
7440-62-2	VANADIUM	10	34		0.51	0.13
7440-66-6	ZINC	10	510		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-24D-01-06
Lab ID: 2205638-121

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 3.6
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-2
QCBatchID: IP220613-2-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 146SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.006 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7900		15	6.7
7440-36-0	ANTIMONY	10	1.2		0.1	0.032
7440-38-2	ARSENIC	10	46		0.21	0.051
7440-39-3	BARIUM	10	200		0.52	0.24
7440-41-7	BERYLLIUM	10	0.9		0.052	0.0093
7440-43-9	CADMIUM	10	2.3		0.21	0.039
7440-70-2	CALCIUM	10	11000		100	19
7440-47-3	CHROMIUM	10	13		1	0.57
7440-48-4	COBALT	10	8.2		0.52	0.044
7440-50-8	COPPER	10	42		2.1	0.3
7439-89-6	IRON	10	28000		21	11
7439-92-1	LEAD	10	180		0.21	0.068
7439-95-4	MAGNESIUM	10	3900		10	3.4
7439-96-5	MANGANESE	10	840		0.77	0.39
7440-02-0	NICKEL	10	28		2.1	0.45
7440-09-7	POTASSIUM	10	2600		100	15
7782-49-2	SELENIUM	10	3		1	0.23
7440-22-4	SILVER	10	1.2		0.12	0.059
7440-23-5	SODIUM	10	120		100	15
7440-28-0	THALLIUM	10	0.35		0.01	0.01
7440-62-2	VANADIUM	10	33		0.52	0.13
7440-66-6	ZINC	10	440		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-25D-01-06
Lab ID: 2205638-122

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.4
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-3
QCBatchID: IP220613-3-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 152SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.002 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6800		15	6.6
7440-36-0	ANTIMONY	10	1.2		0.1	0.031
7440-38-2	ARSENIC	10	50		0.2	0.05
7440-39-3	BARIUM	10	200		0.51	0.23
7440-41-7	BERYLLIUM	10	0.82		0.051	0.0091
7440-43-9	CADMIUM	10	2.2		0.2	0.038
7440-70-2	CALCIUM	10	14000		100	19
7440-47-3	CHROMIUM	10	12		1	0.56
7440-48-4	COBALT	10	7.7		0.51	0.044
7440-50-8	COPPER	10	45		2	0.29
7439-89-6	IRON	10	26000		20	11
7439-92-1	LEAD	10	200		0.2	0.067
7439-95-4	MAGNESIUM	10	4200		10	3.3
7439-96-5	MANGANESE	10	840		0.76	0.38
7440-02-0	NICKEL	10	19		2	0.45
7440-09-7	POTASSIUM	10	3700		100	15
7782-49-2	SELENIUM	10	2.3		1	0.22
7440-22-4	SILVER	10	1.3		0.12	0.058
7440-23-5	SODIUM	10	300		100	15
7440-28-0	THALLIUM	10	0.32		0.01	0.0099
7440-62-2	VANADIUM	10	34		0.51	0.13
7440-66-6	ZINC	10	410		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-25D-01-06
Lab ID: 2205638-123

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 2.4
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-3
QCBatchID: IP220613-3-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 153SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.004 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7700		15	6.6
7440-36-0	ANTIMONY	10	1.2		0.1	0.032
7440-38-2	ARSENIC	10	58		0.2	0.05
7440-39-3	BARIUM	10	200		0.51	0.23
7440-41-7	BERYLLIUM	10	0.95		0.051	0.0092
7440-43-9	CADMIUM	10	2.5		0.2	0.039
7440-70-2	CALCIUM	10	16000		100	19
7440-47-3	CHROMIUM	10	12		1	0.56
7440-48-4	COBALT	10	8.5		0.51	0.044
7440-50-8	COPPER	10	44		2	0.3
7439-89-6	IRON	10	31000		20	11
7439-92-1	LEAD	10	240		0.2	0.067
7439-95-4	MAGNESIUM	10	5800		10	3.4
7439-96-5	MANGANESE	10	980		0.77	0.39
7440-02-0	NICKEL	10	25		2	0.45
7440-09-7	POTASSIUM	10	3100		100	15
7782-49-2	SELENIUM	10	2.8		1	0.23
7440-22-4	SILVER	10	1.6		0.12	0.058
7440-23-5	SODIUM	10	240		100	15
7440-28-0	THALLIUM	10	0.37		0.01	0.01
7440-62-2	VANADIUM	10	36		0.51	0.13
7440-66-6	ZINC	10	410		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-26D-00-01
Lab ID: 2205638-124

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.8
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-3
QCBatchID: IP220613-3-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 154SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7300		15	6.6
7440-36-0	ANTIMONY	10	1		0.1	0.032
7440-38-2	ARSENIC	10	47		0.2	0.05
7440-39-3	BARIUM	10	190		0.51	0.23
7440-41-7	BERYLLIUM	10	0.85		0.051	0.0092
7440-43-9	CADMIUM	10	2		0.2	0.039
7440-70-2	CALCIUM	10	13000		100	19
7440-47-3	CHROMIUM	10	14		1	0.56
7440-48-4	COBALT	10	7		0.51	0.044
7440-50-8	COPPER	10	66		2	0.3
7439-89-6	IRON	10	24000		20	11
7439-92-1	LEAD	10	190		0.2	0.067
7439-95-4	MAGNESIUM	10	3900		10	3.4
7439-96-5	MANGANESE	10	760		0.76	0.39
7440-02-0	NICKEL	10	16		2	0.45
7440-09-7	POTASSIUM	10	3200		100	15
7782-49-2	SELENIUM	10	2.2		1	0.23
7440-22-4	SILVER	10	1.2		0.12	0.058
7440-23-5	SODIUM	10	440		100	15
7440-28-0	THALLIUM	10	0.31		0.01	0.01
7440-62-2	VANADIUM	10	32		0.51	0.13
7440-66-6	ZINC	10	500		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-26D-01-06
Lab ID: 2205638-125

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.4
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-3
QCBatchID: IP220613-3-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 155SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.007 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7000		15	6.5
7440-36-0	ANTIMONY	10	1		0.1	0.031
7440-38-2	ARSENIC	10	46		0.2	0.049
7440-39-3	BARIUM	10	180		0.5	0.23
7440-41-7	BERYLLIUM	10	0.87		0.05	0.0091
7440-43-9	CADMIUM	10	2.3		0.2	0.038
7440-70-2	CALCIUM	10	14000		100	19
7440-47-3	CHROMIUM	10	11		1	0.55
7440-48-4	COBALT	10	6.6		0.5	0.043
7440-50-8	COPPER	10	47		2	0.29
7439-89-6	IRON	10	25000		20	11
7439-92-1	LEAD	10	200		0.2	0.066
7439-95-4	MAGNESIUM	10	4700		10	3.3
7439-96-5	MANGANESE	10	850		0.76	0.38
7440-02-0	NICKEL	10	21		2	0.44
7440-09-7	POTASSIUM	10	2300		100	15
7782-49-2	SELENIUM	10	2.3		1	0.22
7440-22-4	SILVER	10	1.4		0.11	0.057
7440-23-5	SODIUM	10	250		100	15
7440-28-0	THALLIUM	10	0.31		0.01	0.0099
7440-62-2	VANADIUM	10	31		0.5	0.13
7440-66-6	ZINC	10	590		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-27D-00-01
Lab ID: 2205638-126

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.8
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-3
QCBatchID: IP220613-3-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 156SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.007 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7300		15	6.6
7440-36-0	ANTIMONY	10	0.69		0.1	0.031
7440-38-2	ARSENIC	10	30		0.2	0.05
7440-39-3	BARIUM	10	200		0.51	0.23
7440-41-7	BERYLLIUM	10	0.72		0.051	0.0091
7440-43-9	CADMIUM	10	1.4		0.2	0.038
7440-70-2	CALCIUM	10	9500		100	19
7440-47-3	CHROMIUM	10	11		1	0.56
7440-48-4	COBALT	10	6.8		0.51	0.043
7440-50-8	COPPER	10	27		2	0.29
7439-89-6	IRON	10	20000		20	11
7439-92-1	LEAD	10	110		0.2	0.067
7439-95-4	MAGNESIUM	10	2700		10	3.3
7439-96-5	MANGANESE	10	520		0.76	0.38
7440-02-0	NICKEL	10	13		2	0.44
7440-09-7	POTASSIUM	10	2900		100	15
7782-49-2	SELENIUM	10	2.1		1	0.22
7440-22-4	SILVER	10	0.77		0.12	0.058
7440-23-5	SODIUM	10	340		100	15
7440-28-0	THALLIUM	10	0.25		0.01	0.0099
7440-62-2	VANADIUM	10	27		0.51	0.13
7440-66-6	ZINC	10	270		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-27D-01-06
Lab ID: 2205638-128

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 3.5
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-3
QCBatchID: IP220613-3-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 157SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.032 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7600		15	6.5
7440-36-0	ANTIMONY	10	0.65		0.1	0.031
7440-38-2	ARSENIC	10	33		0.2	0.049
7440-39-3	BARIUM	10	190		0.5	0.23
7440-41-7	BERYLLIUM	10	0.79		0.05	0.009
7440-43-9	CADMIUM	10	1.5		0.2	0.038
7440-70-2	CALCIUM	10	11000		100	19
7440-47-3	CHROMIUM	10	10		1	0.55
7440-48-4	COBALT	10	6.1		0.5	0.043
7440-50-8	COPPER	10	26		2	0.29
7439-89-6	IRON	10	22000		20	11
7439-92-1	LEAD	10	130		0.2	0.066
7439-95-4	MAGNESIUM	10	2500		10	3.3
7439-96-5	MANGANESE	10	640		0.75	0.38
7440-02-0	NICKEL	10	16		2	0.44
7440-09-7	POTASSIUM	10	2100		100	15
7782-49-2	SELENIUM	10	2.1		1	0.22
7440-22-4	SILVER	10	0.95		0.11	0.057
7440-23-5	SODIUM	10	280		100	15
7440-28-0	THALLIUM	10	0.24		0.01	0.0098
7440-62-2	VANADIUM	10	26		0.5	0.13
7440-66-6	ZINC	10	260		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-28D-00-01
Lab ID: 2205638-129

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.9
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-3
QCBatchID: IP220613-3-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 158SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.002 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6800		15	6.5
7440-36-0	ANTIMONY	10	1.2		0.1	0.031
7440-38-2	ARSENIC	10	49		0.2	0.049
7440-39-3	BARIUM	10	170		0.5	0.23
7440-41-7	BERYLLIUM	10	1.1		0.05	0.0091
7440-43-9	CADMIUM	10	2.2		0.2	0.038
7440-70-2	CALCIUM	10	9300		100	19
7440-47-3	CHROMIUM	10	13		1	0.55
7440-48-4	COBALT	10	6		0.5	0.043
7440-50-8	COPPER	10	39		2	0.29
7439-89-6	IRON	10	23000		20	11
7439-92-1	LEAD	10	180		0.2	0.066
7439-95-4	MAGNESIUM	10	2800		10	3.3
7439-96-5	MANGANESE	10	760		0.76	0.38
7440-02-0	NICKEL	10	15		2	0.44
7440-09-7	POTASSIUM	10	2800		100	15
7782-49-2	SELENIUM	10	2.4		1	0.22
7440-22-4	SILVER	10	1.3		0.11	0.057
7440-23-5	SODIUM	10	240		100	15
7440-28-0	THALLIUM	10	0.34		0.01	0.0099
7440-62-2	VANADIUM	10	33		0.5	0.13
7440-66-6	ZINC	10	430		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-28D-01-06
Lab ID: 2205638-130

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 2.1
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-3
QCBatchID: IP220613-3-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 161SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.021 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7700		15	6.5
7440-36-0	ANTIMONY	10	1.3		0.1	0.031
7440-38-2	ARSENIC	10	58		0.2	0.049
7440-39-3	BARIUM	10	180		0.5	0.23
7440-41-7	BERYLLIUM	10	1.5		0.05	0.009
7440-43-9	CADMIUM	10	2.5		0.2	0.038
7440-70-2	CALCIUM	10	9200		100	19
7440-47-3	CHROMIUM	10	14		1	0.55
7440-48-4	COBALT	10	6.6		0.5	0.043
7440-50-8	COPPER	10	39		2	0.29
7439-89-6	IRON	10	26000		20	11
7439-92-1	LEAD	10	200		0.2	0.066
7439-95-4	MAGNESIUM	10	3200		10	3.3
7439-96-5	MANGANESE	10	880		0.75	0.38
7440-02-0	NICKEL	10	19		2	0.44
7440-09-7	POTASSIUM	10	2600		100	15
7782-49-2	SELENIUM	10	2.6		1	0.22
7440-22-4	SILVER	10	1.3		0.11	0.057
7440-23-5	SODIUM	10	240		100	15
7440-28-0	THALLIUM	10	0.37		0.01	0.0098
7440-62-2	VANADIUM	10	37		0.5	0.13
7440-66-6	ZINC	10	430		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-29A4-00-01
Lab ID: 2205638-131

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.6
Date Collected: 16-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-3
QCBatchID: IP220613-3-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 162SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.017 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	5400		15	6.4
7440-36-0	ANTIMONY	10	2		0.099	0.031
7440-38-2	ARSENIC	10	94		0.2	0.048
7440-39-3	BARIUM	10	190		0.49	0.23
7440-41-7	BERYLLIUM	10	0.86		0.049	0.0089
7440-43-9	CADMIUM	10	1.6		0.2	0.038
7440-70-2	CALCIUM	10	14000		99	18
7440-47-3	CHROMIUM	10	28		0.99	0.54
7440-48-4	COBALT	10	6.5		0.49	0.043
7440-50-8	COPPER	10	61		2	0.29
7439-89-6	IRON	10	38000		20	11
7439-92-1	LEAD	100	550		2	0.65
7439-95-4	MAGNESIUM	10	4700		9.9	3.3
7439-96-5	MANGANESE	10	590		0.74	0.38
7440-02-0	NICKEL	10	20		2	0.44
7440-09-7	POTASSIUM	10	2700		99	15
7782-49-2	SELENIUM	10	2.1		0.99	0.22
7440-22-4	SILVER	10	3.6		0.11	0.056
7440-23-5	SODIUM	10	260		99	15
7440-28-0	THALLIUM	10	0.52		0.0099	0.0097
7440-62-2	VANADIUM	10	37		0.49	0.13
7440-66-6	ZINC	10	370		9.9	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-29A4-01-06
Lab ID: 2205638-132

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.4
Date Collected: 16-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-3
QCBatchID: IP220613-3-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 163SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.043 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	4400		14	6.3
7440-36-0	ANTIMONY	10	2.4		0.096	0.03
7440-38-2	ARSENIC	10	100		0.19	0.047
7440-39-3	BARIUM	10	160		0.48	0.22
7440-41-7	BERYLLIUM	10	0.78		0.048	0.0087
7440-43-9	CADMIUM	10	1.8		0.19	0.037
7440-70-2	CALCIUM	10	16000		96	18
7440-47-3	CHROMIUM	10	27		0.96	0.53
7440-48-4	COBALT	10	5.8		0.48	0.041
7440-50-8	COPPER	10	66		1.9	0.28
7439-89-6	IRON	10	40000		19	11
7439-92-1	LEAD	100	610		1.9	0.64
7439-95-4	MAGNESIUM	10	4800		9.6	3.2
7439-96-5	MANGANESE	10	560		0.72	0.37
7440-02-0	NICKEL	10	19		1.9	0.42
7440-09-7	POTASSIUM	10	2400		96	14
7782-49-2	SELENIUM	10	2		0.96	0.21
7440-22-4	SILVER	10	4.1		0.11	0.055
7440-23-5	SODIUM	10	250		96	14
7440-28-0	THALLIUM	10	0.51		0.0096	0.0094
7440-62-2	VANADIUM	10	37		0.48	0.13
7440-66-6	ZINC	10	390		9.6	3.9

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-29A5-00-01
Lab ID: 2205638-133

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.7
Date Collected: 16-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-3
QCBatchID: IP220613-3-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 164SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.011 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	4900		15	6.5
7440-36-0	ANTIMONY	10	2.2		0.1	0.031
7440-38-2	ARSENIC	10	95		0.2	0.049
7440-39-3	BARIUM	10	160		0.5	0.23
7440-41-7	BERYLLIUM	10	0.65		0.05	0.009
7440-43-9	CADMIUM	10	2.5		0.2	0.038
7440-70-2	CALCIUM	10	7200		100	18
7440-47-3	CHROMIUM	10	11		1	0.55
7440-48-4	COBALT	10	6.5		0.5	0.043
7440-50-8	COPPER	10	61		2	0.29
7439-89-6	IRON	10	37000		20	11
7439-92-1	LEAD	100	500		2	0.66
7439-95-4	MAGNESIUM	10	2100		10	3.3
7439-96-5	MANGANESE	10	650		0.75	0.38
7440-02-0	NICKEL	10	12		2	0.44
7440-09-7	POTASSIUM	10	2600		100	15
7782-49-2	SELENIUM	10	2.1		1	0.22
7440-22-4	SILVER	10	3.3		0.11	0.057
7440-23-5	SODIUM	10	210		100	15
7440-28-0	THALLIUM	10	0.47		0.01	0.0098
7440-62-2	VANADIUM	10	38		0.5	0.13
7440-66-6	ZINC	10	460		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-29A5-01-06
Lab ID: 2205638-134

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.5
Date Collected: 16-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-3
QCBatchID: IP220613-3-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 165SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.02 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	4100		15	6.4
7440-36-0	ANTIMONY	10	2.6		0.099	0.031
7440-38-2	ARSENIC	10	110		0.2	0.048
7440-39-3	BARIUM	10	170		0.49	0.23
7440-41-7	BERYLLIUM	10	0.55		0.049	0.0089
7440-43-9	CADMIUM	10	2		0.2	0.037
7440-70-2	CALCIUM	10	7600		99	18
7440-47-3	CHROMIUM	10	19		0.99	0.54
7440-48-4	COBALT	10	5.6		0.49	0.042
7440-50-8	COPPER	10	70		2	0.29
7439-89-6	IRON	10	42000		20	11
7439-92-1	LEAD	100	700		2	0.65
7439-95-4	MAGNESIUM	10	2000		9.9	3.3
7439-96-5	MANGANESE	10	560		0.74	0.37
7440-02-0	NICKEL	10	16		2	0.43
7440-09-7	POTASSIUM	10	2600		99	15
7782-49-2	SELENIUM	10	2		0.99	0.22
7440-22-4	SILVER	10	4.4		0.11	0.056
7440-23-5	SODIUM	10	240		99	15
7440-28-0	THALLIUM	10	0.54		0.0099	0.0097
7440-62-2	VANADIUM	10	38		0.49	0.13
7440-66-6	ZINC	10	420		9.9	4

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-29A5-COMP
Lab ID: 2205638-135

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.8
Date Collected: 19-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-3
QCBatchID: IP220613-3-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 166SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.009 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	2900		15	6.6
7440-36-0	ANTIMONY	10	1.8		0.1	0.031
7440-38-2	ARSENIC	10	90		0.2	0.049
7440-39-3	BARIUM	10	110		0.5	0.23
7440-41-7	BERYLLIUM	10	0.41		0.05	0.0091
7440-43-9	CADMIUM	10	1.4		0.2	0.038
7440-70-2	CALCIUM	10	4200		100	19
7440-47-3	CHROMIUM	10	5.2		1	0.55
7440-48-4	COBALT	10	3.9		0.5	0.043
7440-50-8	COPPER	10	49		2	0.29
7439-89-6	IRON	10	29000		20	11
7439-92-1	LEAD	100	550		2	0.67
7439-95-4	MAGNESIUM	10	1200		10	3.3
7439-96-5	MANGANESE	10	450		0.76	0.38
7440-02-0	NICKEL	10	6.7		2	0.44
7440-09-7	POTASSIUM	10	2300		100	15
7782-49-2	SELENIUM	10	1.2		1	0.22
7440-22-4	SILVER	10	3.2		0.12	0.058
7440-23-5	SODIUM	10	180		100	15
7440-28-0	THALLIUM	10	0.44		0.01	0.0099
7440-62-2	VANADIUM	10	34		0.5	0.13
7440-66-6	ZINC	10	290		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-29D-00-01
Lab ID: 2205638-136

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 3.4
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-3
QCBatchID: IP220613-3-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 167SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.014 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7200		15	6.6
7440-36-0	ANTIMONY	10	1.6		0.1	0.032
7440-38-2	ARSENIC	10	75		0.2	0.05
7440-39-3	BARIUM	10	190		0.51	0.23
7440-41-7	BERYLLIUM	10	1.4		0.051	0.0092
7440-43-9	CADMIUM	10	4.4		0.2	0.039
7440-70-2	CALCIUM	10	9800		100	19
7440-47-3	CHROMIUM	10	13		1	0.56
7440-48-4	COBALT	10	6.9		0.51	0.044
7440-50-8	COPPER	10	50		2	0.3
7439-89-6	IRON	10	30000		20	11
7439-92-1	LEAD	10	370		0.2	0.067
7439-95-4	MAGNESIUM	10	3700		10	3.4
7439-96-5	MANGANESE	10	1100		0.77	0.39
7440-02-0	NICKEL	10	16		2	0.45
7440-09-7	POTASSIUM	10	3300		100	15
7782-49-2	SELENIUM	10	2.5		1	0.23
7440-22-4	SILVER	10	2.4		0.12	0.058
7440-23-5	SODIUM	10	210		100	15
7440-28-0	THALLIUM	10	0.42		0.01	0.01
7440-62-2	VANADIUM	10	38		0.51	0.13
7440-66-6	ZINC	10	760		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-29D-00-01-DUP
Lab ID: 2205638-137

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 2.9
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-3
QCBatchID: IP220613-3-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 168SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.002 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7200		15	6.7
7440-36-0	ANTIMONY	10	1.6		0.1	0.032
7440-38-2	ARSENIC	10	75		0.21	0.05
7440-39-3	BARIUM	10	190		0.51	0.24
7440-41-7	BERYLLIUM	10	1.4		0.051	0.0093
7440-43-9	CADMIUM	10	4.4		0.21	0.039
7440-70-2	CALCIUM	10	10000		100	19
7440-47-3	CHROMIUM	10	13		1	0.57
7440-48-4	COBALT	10	7		0.51	0.044
7440-50-8	COPPER	10	50		2.1	0.3
7439-89-6	IRON	10	31000		21	11
7439-92-1	LEAD	10	370		0.21	0.068
7439-95-4	MAGNESIUM	10	3800		10	3.4
7439-96-5	MANGANESE	10	1100		0.77	0.39
7440-02-0	NICKEL	10	15		2.1	0.45
7440-09-7	POTASSIUM	10	3300		100	15
7782-49-2	SELENIUM	10	2.5		1	0.23
7440-22-4	SILVER	10	2.5		0.12	0.059
7440-23-5	SODIUM	10	220		100	15
7440-28-0	THALLIUM	10	0.43		0.01	0.01
7440-62-2	VANADIUM	10	38		0.51	0.13
7440-66-6	ZINC	10	780		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-29D-00-01-TRI
Lab ID: 2205638-138

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 2.9
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-3
QCBatchID: IP220613-3-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 169SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.015 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7300		15	6.6
7440-36-0	ANTIMONY	10	1.7		0.1	0.031
7440-38-2	ARSENIC	10	78		0.2	0.05
7440-39-3	BARIUM	10	180		0.51	0.23
7440-41-7	BERYLLIUM	10	1.3		0.051	0.0091
7440-43-9	CADMIUM	10	4.3		0.2	0.039
7440-70-2	CALCIUM	10	10000		100	19
7440-47-3	CHROMIUM	10	13		1	0.56
7440-48-4	COBALT	10	7.2		0.51	0.044
7440-50-8	COPPER	10	52		2	0.29
7439-89-6	IRON	10	31000		20	11
7439-92-1	LEAD	10	370		0.2	0.067
7439-95-4	MAGNESIUM	10	3800		10	3.3
7439-96-5	MANGANESE	10	1100		0.76	0.39
7440-02-0	NICKEL	10	16		2	0.45
7440-09-7	POTASSIUM	10	3300		100	15
7782-49-2	SELENIUM	10	2.4		1	0.23
7440-22-4	SILVER	10	2.5		0.12	0.058
7440-23-5	SODIUM	10	220		100	15
7440-28-0	THALLIUM	10	0.42		0.01	0.0099
7440-62-2	VANADIUM	10	39		0.51	0.13
7440-66-6	ZINC	10	770		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-29-01-06
Lab ID: 2205638-139

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 6.2
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-3
QCBatchID: IP220613-3-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 170SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8600		16	6.9
7440-36-0	ANTIMONY	10	1.8		0.11	0.033
7440-38-2	ARSENIC	10	79		0.21	0.052
7440-39-3	BARIUM	10	220		0.53	0.25
7440-41-7	BERYLLIUM	10	1.7		0.053	0.0096
7440-43-9	CADMIUM	10	3.8		0.21	0.041
7440-70-2	CALCIUM	10	8100		110	20
7440-47-3	CHROMIUM	10	14		1.1	0.59
7440-48-4	COBALT	10	7.3		0.53	0.046
7440-50-8	COPPER	10	43		2.1	0.31
7439-89-6	IRON	10	30000		21	12
7439-92-1	LEAD	10	280		0.21	0.07
7439-95-4	MAGNESIUM	10	3300		11	3.5
7439-96-5	MANGANESE	10	1100		0.8	0.41
7440-02-0	NICKEL	10	26		2.1	0.47
7440-09-7	POTASSIUM	10	3000		110	16
7782-49-2	SELENIUM	10	2.9		1.1	0.24
7440-22-4	SILVER	10	2		0.12	0.061
7440-23-5	SODIUM	10	160		110	16
7440-28-0	THALLIUM	10	0.45		0.011	0.01
7440-62-2	VANADIUM	10	45		0.53	0.14
7440-66-6	ZINC	10	590		11	4.4

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-29-01-06-DUP
Lab ID: 2205638-140

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 5.6
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-3
QCBatchID: IP220613-3-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 173SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.004 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8700		16	6.9
7440-36-0	ANTIMONY	10	1.8		0.11	0.033
7440-38-2	ARSENIC	10	78		0.21	0.052
7440-39-3	BARIUM	10	220		0.53	0.24
7440-41-7	BERYLLIUM	10	1.8		0.053	0.0095
7440-43-9	CADMIUM	10	3.8		0.21	0.04
7440-70-2	CALCIUM	10	8100		110	20
7440-47-3	CHROMIUM	10	14		1.1	0.58
7440-48-4	COBALT	10	7.3		0.53	0.045
7440-50-8	COPPER	10	48		2.1	0.31
7439-89-6	IRON	10	30000		21	12
7439-92-1	LEAD	10	280		0.21	0.07
7439-95-4	MAGNESIUM	10	3400		11	3.5
7439-96-5	MANGANESE	10	1100		0.79	0.4
7440-02-0	NICKEL	10	25		2.1	0.46
7440-09-7	POTASSIUM	10	3000		110	16
7782-49-2	SELENIUM	10	2.9		1.1	0.23
7440-22-4	SILVER	10	2		0.12	0.06
7440-23-5	SODIUM	10	170		110	16
7440-28-0	THALLIUM	10	0.44		0.011	0.01
7440-62-2	VANADIUM	10	45		0.53	0.14
7440-66-6	ZINC	10	600		11	4.3

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-29-01-06-TRI
Lab ID: 2205638-141

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 5.1
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-3
QCBatchID: IP220613-3-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 174SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.01 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	9100		16	6.8
7440-36-0	ANTIMONY	10	1.7		0.1	0.032
7440-38-2	ARSENIC	10	79		0.21	0.051
7440-39-3	BARIUM	10	250		0.52	0.24
7440-41-7	BERYLLIUM	10	1.8		0.052	0.0094
7440-43-9	CADMIUM	10	3.9		0.21	0.04
7440-70-2	CALCIUM	10	8200		100	19
7440-47-3	CHROMIUM	10	15		1	0.57
7440-48-4	COBALT	10	7.6		0.52	0.045
7440-50-8	COPPER	10	46		2.1	0.3
7439-89-6	IRON	10	31000		21	11
7439-92-1	LEAD	10	290		0.21	0.069
7439-95-4	MAGNESIUM	10	3400		10	3.4
7439-96-5	MANGANESE	10	1200		0.78	0.4
7440-02-0	NICKEL	10	23		2.1	0.46
7440-09-7	POTASSIUM	10	3100		100	16
7782-49-2	SELENIUM	10	3		1	0.23
7440-22-4	SILVER	10	2.2		0.12	0.059
7440-23-5	SODIUM	10	170		100	16
7440-28-0	THALLIUM	10	0.45		0.01	0.01
7440-62-2	VANADIUM	10	47		0.52	0.14
7440-66-6	ZINC	10	620		10	4.3

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-30A-00-01
Lab ID: 2205638-142

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.5
Date Collected: 16-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-3
QCBatchID: IP220613-3-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight
File Name: 175SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.001 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	5600		15	6.6
7440-36-0	ANTIMONY	10	2.2		0.1	0.031
7440-38-2	ARSENIC	10	92		0.2	0.05
7440-39-3	BARIUM	10	160		0.51	0.23
7440-41-7	BERYLLIUM	10	0.66		0.051	0.0091
7440-43-9	CADMIUM	10	2.3		0.2	0.039
7440-70-2	CALCIUM	10	7100		100	19
7440-47-3	CHROMIUM	10	17		1	0.56
7440-48-4	COBALT	10	7.3		0.51	0.044
7440-50-8	COPPER	10	59		2	0.29
7439-89-6	IRON	10	38000		20	11
7439-92-1	LEAD	10	480		0.2	0.067
7439-95-4	MAGNESIUM	10	2300		10	3.3
7439-96-5	MANGANESE	10	760		0.76	0.39
7440-02-0	NICKEL	10	17		2	0.45
7440-09-7	POTASSIUM	10	3100		100	15
7782-49-2	SELENIUM	10	2.2		1	0.23
7440-22-4	SILVER	10	3.2		0.12	0.058
7440-23-5	SODIUM	10	270		100	15
7440-28-0	THALLIUM	10	0.48		0.01	0.0099
7440-62-2	VANADIUM	10	41		0.51	0.13
7440-66-6	ZINC	10	450		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-30A-01-06
Lab ID: 2205638-143

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.0
Date Collected: 16-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-5
QCBatchID: IP220613-5-1
Run ID: IM220615-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 044SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.035 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	4500		15	6.3
7440-36-0	ANTIMONY	10	1.8		0.098	0.03
7440-38-2	ARSENIC	10	110		0.2	0.048
7440-39-3	BARIUM	10	190		0.49	0.22
7440-41-7	BERYLLIUM	10	0.5		0.049	0.0088
7440-43-9	CADMIUM	10	1.9		0.2	0.037
7440-70-2	CALCIUM	10	7500		98	18
7440-47-3	CHROMIUM	10	16		0.98	0.54
7440-48-4	COBALT	10	6		0.49	0.042
7440-50-8	COPPER	10	77		2	0.28
7439-89-6	IRON	10	46000		20	11
7439-92-1	LEAD	100	650		2	0.64
7439-95-4	MAGNESIUM	10	1700		9.8	3.2
7439-96-5	MANGANESE	10	580		0.73	0.37
7440-02-0	NICKEL	10	15		2	0.43
7440-09-7	POTASSIUM	10	2900		98	15
7782-49-2	SELENIUM	10	2.1		0.98	0.22
7440-22-4	SILVER	10	4.2		0.11	0.056
7440-23-5	SODIUM	10	280		98	15
7440-28-0	THALLIUM	10	0.53		0.0098	0.0096
7440-62-2	VANADIUM	10	39		0.49	0.13
7440-66-6	ZINC	10	460		9.8	4

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-31A-00-01
Lab ID: 2205638-144

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.1
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-5
QCBatchID: IP220613-5-1
Run ID: IM220615-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 045SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	5400		15	6.6
7440-36-0	ANTIMONY	10	2.1		0.1	0.031
7440-38-2	ARSENIC	10	100		0.2	0.05
7440-39-3	BARIUM	10	200		0.51	0.23
7440-41-7	BERYLLIUM	10	0.75		0.051	0.0091
7440-43-9	CADMIUM	10	3		0.2	0.038
7440-70-2	CALCIUM	10	5900		100	19
7440-47-3	CHROMIUM	10	20		1	0.56
7440-48-4	COBALT	10	6		0.51	0.043
7440-50-8	COPPER	10	69		2	0.29
7439-89-6	IRON	10	38000		20	11
7439-92-1	LEAD	10	500		0.2	0.067
7439-95-4	MAGNESIUM	10	2000		10	3.3
7439-96-5	MANGANESE	10	740		0.76	0.38
7440-02-0	NICKEL	10	12		2	0.45
7440-09-7	POTASSIUM	10	3300		100	15
7782-49-2	SELENIUM	10	2.1		1	0.22
7440-22-4	SILVER	10	3.7		0.12	0.058
7440-23-5	SODIUM	10	190		100	15
7440-28-0	THALLIUM	10	0.51		0.01	0.0099
7440-62-2	VANADIUM	10	41		0.51	0.13
7440-66-6	ZINC	10	550		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-31A-01-06
Lab ID: 2205638-145

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 2.4
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-5
QCBatchID: IP220613-5-1
Run ID: IM220615-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 048SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	5200		15	6.7
7440-36-0	ANTIMONY	10	2		0.1	0.032
7440-38-2	ARSENIC	10	100		0.2	0.05
7440-39-3	BARIUM	10	220		0.51	0.24
7440-41-7	BERYLLIUM	10	0.67		0.051	0.0092
7440-43-9	CADMIUM	10	2.2		0.2	0.039
7440-70-2	CALCIUM	10	4500		100	19
7440-47-3	CHROMIUM	10	9.9		1	0.56
7440-48-4	COBALT	10	4.8		0.51	0.044
7440-50-8	COPPER	10	75		2	0.3
7439-89-6	IRON	10	43000		20	11
7439-92-1	LEAD	100	650		2	0.68
7439-95-4	MAGNESIUM	10	1500		10	3.4
7439-96-5	MANGANESE	10	520		0.77	0.39
7440-02-0	NICKEL	10	20		2	0.45
7440-09-7	POTASSIUM	10	3100		100	15
7782-49-2	SELENIUM	10	2.4		1	0.23
7440-22-4	SILVER	10	4.5		0.12	0.058
7440-23-5	SODIUM	10	220		100	15
7440-28-0	THALLIUM	10	0.57		0.01	0.01
7440-62-2	VANADIUM	10	38		0.51	0.13
7440-66-6	ZINC	10	470		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-32A-00-01
Lab ID: 2205638-146

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.9
Date Collected: 16-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-5
QCBatchID: IP220613-5-1
Run ID: IM220615-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 051SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.018 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	5900		15	6.4
7440-36-0	ANTIMONY	10	1.7		0.099	0.031
7440-38-2	ARSENIC	10	88		0.2	0.049
7440-39-3	BARIUM	10	200		0.5	0.23
7440-41-7	BERYLLIUM	10	0.7		0.05	0.0089
7440-43-9	CADMIUM	10	2		0.2	0.038
7440-70-2	CALCIUM	10	6900		99	18
7440-47-3	CHROMIUM	10	20		0.99	0.55
7440-48-4	COBALT	10	7.2		0.5	0.043
7440-50-8	COPPER	10	65		2	0.29
7439-89-6	IRON	10	38000		20	11
7439-92-1	LEAD	10	440		0.2	0.065
7439-95-4	MAGNESIUM	10	2200		9.9	3.3
7439-96-5	MANGANESE	10	660		0.74	0.38
7440-02-0	NICKEL	10	17		2	0.44
7440-09-7	POTASSIUM	10	2900		99	15
7782-49-2	SELENIUM	10	2.4		0.99	0.22
7440-22-4	SILVER	10	3.3		0.11	0.057
7440-23-5	SODIUM	10	280		99	15
7440-28-0	THALLIUM	10	0.47		0.0099	0.0097
7440-62-2	VANADIUM	10	37		0.5	0.13
7440-66-6	ZINC	10	450		9.9	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-32A-01-06
Lab ID: 2205638-147

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.6
Date Collected: 16-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-5
QCBatchID: IP220613-5-1
Run ID: IM220615-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 054SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.003 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	5300		15	6.6
7440-36-0	ANTIMONY	10	1.9		0.1	0.031
7440-38-2	ARSENIC	10	96		0.2	0.05
7440-39-3	BARIUM	10	210		0.51	0.23
7440-41-7	BERYLLIUM	10	0.6		0.051	0.0091
7440-43-9	CADMIUM	10	1.9		0.2	0.038
7440-70-2	CALCIUM	10	6000		100	19
7440-47-3	CHROMIUM	10	19		1	0.56
7440-48-4	COBALT	10	5.4		0.51	0.044
7440-50-8	COPPER	10	71		2	0.29
7439-89-6	IRON	10	42000		20	11
7439-92-1	LEAD	100	570		2	0.67
7439-95-4	MAGNESIUM	10	1700		10	3.3
7439-96-5	MANGANESE	10	450		0.76	0.38
7440-02-0	NICKEL	10	14		2	0.45
7440-09-7	POTASSIUM	10	2700		100	15
7782-49-2	SELENIUM	10	2.4		1	0.22
7440-22-4	SILVER	10	4.1		0.12	0.058
7440-23-5	SODIUM	10	260		100	15
7440-28-0	THALLIUM	10	0.52		0.01	0.0099
7440-62-2	VANADIUM	10	36		0.51	0.13
7440-66-6	ZINC	10	420		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-32A-COMP
Lab ID: 2205638-148

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 6.4
Date Collected: 19-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-5
QCBatchID: IP220613-5-1
Run ID: IM220615-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 055SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.014 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	5300		16	6.9
7440-36-0	ANTIMONY	10	1.1		0.11	0.033
7440-38-2	ARSENIC	10	60		0.21	0.052
7440-39-3	BARIUM	10	120		0.53	0.24
7440-41-7	BERYLLIUM	10	0.55		0.053	0.0095
7440-43-9	CADMIUM	10	1.2		0.21	0.04
7440-70-2	CALCIUM	10	9300		110	20
7440-47-3	CHROMIUM	10	7.8		1.1	0.58
7440-48-4	COBALT	10	7.9		0.53	0.045
7440-50-8	COPPER	10	42		2.1	0.31
7439-89-6	IRON	10	33000		21	12
7439-92-1	LEAD	10	350		0.21	0.07
7439-95-4	MAGNESIUM	10	2500		11	3.5
7439-96-5	MANGANESE	10	510		0.79	0.4
7440-02-0	NICKEL	10	14		2.1	0.46
7440-09-7	POTASSIUM	10	2300		110	16
7782-49-2	SELENIUM	10	2.4		1.1	0.23
7440-22-4	SILVER	10	2.1		0.12	0.06
7440-23-5	SODIUM	10	180		110	16
7440-28-0	THALLIUM	10	0.38		0.011	0.01
7440-62-2	VANADIUM	10	28		0.53	0.14
7440-66-6	ZINC	10	240		11	4.3

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-33A-00-01
Lab ID: 2205638-149

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 2.2
Date Collected: 16-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-5
QCBatchID: IP220613-5-1
Run ID: IM220615-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 056SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.025 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7200		15	6.5
7440-36-0	ANTIMONY	10	1.1		0.1	0.031
7440-38-2	ARSENIC	10	83		0.2	0.049
7440-39-3	BARIUM	10	260		0.5	0.23
7440-41-7	BERYLLIUM	10	0.75		0.05	0.009
7440-43-9	CADMIUM	10	2.5		0.2	0.038
7440-70-2	CALCIUM	10	9600		100	18
7440-47-3	CHROMIUM	10	24		1	0.55
7440-48-4	COBALT	10	8.9		0.5	0.043
7440-50-8	COPPER	10	55		2	0.29
7439-89-6	IRON	10	37000		20	11
7439-92-1	LEAD	10	390		0.2	0.066
7439-95-4	MAGNESIUM	10	2900		10	3.3
7439-96-5	MANGANESE	10	850		0.75	0.38
7440-02-0	NICKEL	10	23		2	0.44
7440-09-7	POTASSIUM	10	2900		100	15
7782-49-2	SELENIUM	10	2.6		1	0.22
7440-22-4	SILVER	10	2.7		0.11	0.057
7440-23-5	SODIUM	10	260		100	15
7440-28-0	THALLIUM	10	0.47		0.01	0.0098
7440-62-2	VANADIUM	10	39		0.5	0.13
7440-66-6	ZINC	10	480		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-33A-01-06
Lab ID: 2205638-150

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.3
Date Collected: 16-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-5
QCBatchID: IP220613-5-1
Run ID: IM220615-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 057SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.004 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6900		15	6.6
7440-36-0	ANTIMONY	10	1.6		0.1	0.031
7440-38-2	ARSENIC	10	96		0.2	0.049
7440-39-3	BARIUM	10	220		0.5	0.23
7440-41-7	BERYLLIUM	10	0.75		0.05	0.0091
7440-43-9	CADMIUM	10	2.9		0.2	0.038
7440-70-2	CALCIUM	10	7800		100	19
7440-47-3	CHROMIUM	10	18		1	0.55
7440-48-4	COBALT	10	9		0.5	0.043
7440-50-8	COPPER	10	60		2	0.29
7439-89-6	IRON	10	41000		20	11
7439-92-1	LEAD	10	450		0.2	0.067
7439-95-4	MAGNESIUM	10	2400		10	3.3
7439-96-5	MANGANESE	10	880		0.76	0.38
7440-02-0	NICKEL	10	20		2	0.44
7440-09-7	POTASSIUM	10	2900		100	15
7782-49-2	SELENIUM	10	2.7		1	0.22
7440-22-4	SILVER	10	3.3		0.12	0.058
7440-23-5	SODIUM	10	260		100	15
7440-28-0	THALLIUM	10	0.54		0.01	0.0099
7440-62-2	VANADIUM	10	40		0.5	0.13
7440-66-6	ZINC	10	500		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-34A-00-01
Lab ID: 2205638-151

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.6
Date Collected: 16-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-5
QCBatchID: IP220613-5-1
Run ID: IM220615-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 059SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.023 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6200		15	6.5
7440-36-0	ANTIMONY	10	1.7		0.099	0.031
7440-38-2	ARSENIC	10	89		0.2	0.049
7440-39-3	BARIUM	10	190		0.5	0.23
7440-41-7	BERYLLIUM	10	0.71		0.05	0.0089
7440-43-9	CADMIUM	10	2.6		0.2	0.038
7440-70-2	CALCIUM	10	6300		99	18
7440-47-3	CHROMIUM	10	21		0.99	0.55
7440-48-4	COBALT	10	7.3		0.5	0.043
7440-50-8	COPPER	10	64		2	0.29
7439-89-6	IRON	10	40000		20	11
7439-92-1	LEAD	10	450		0.2	0.066
7439-95-4	MAGNESIUM	10	2100		9.9	3.3
7439-96-5	MANGANESE	10	710		0.75	0.38
7440-02-0	NICKEL	10	18		2	0.44
7440-09-7	POTASSIUM	10	3000		99	15
7782-49-2	SELENIUM	10	2.5		0.99	0.22
7440-22-4	SILVER	10	3.1		0.11	0.057
7440-23-5	SODIUM	10	230		99	15
7440-28-0	THALLIUM	10	0.49		0.0099	0.0097
7440-62-2	VANADIUM	10	37		0.5	0.13
7440-66-6	ZINC	10	540		9.9	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-34A-01-06
Lab ID: 2205638-152

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 3.6
Date Collected: 16-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-5
QCBatchID: IP220613-5-1
Run ID: IM220615-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 064SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.014 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6800		15	6.6
7440-36-0	ANTIMONY	10	1.4		0.1	0.032
7440-38-2	ARSENIC	10	77		0.2	0.05
7440-39-3	BARIUM	10	180		0.51	0.24
7440-41-7	BERYLLIUM	10	0.73		0.051	0.0092
7440-43-9	CADMIUM	10	3.4		0.2	0.039
7440-70-2	CALCIUM	10	6700		100	19
7440-47-3	CHROMIUM	10	20		1	0.56
7440-48-4	COBALT	10	8.7		0.51	0.044
7440-50-8	COPPER	10	57		2	0.3
7439-89-6	IRON	10	39000		20	11
7439-92-1	LEAD	100	410		2	0.68
7439-95-4	MAGNESIUM	10	2300		10	3.4
7439-96-5	MANGANESE	10	770		0.77	0.39
7440-02-0	NICKEL	10	20		2	0.45
7440-09-7	POTASSIUM	10	2700		100	15
7782-49-2	SELENIUM	10	2.8		1	0.23
7440-22-4	SILVER	10	2.8		0.12	0.058
7440-23-5	SODIUM	10	240		100	15
7440-28-0	THALLIUM	10	0.47		0.01	0.01
7440-62-2	VANADIUM	10	35		0.51	0.13
7440-66-6	ZINC	10	520		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-35A-00-01
Lab ID: 2205638-153

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.2
Date Collected: 16-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-5
QCBatchID: IP220613-5-1
Run ID: IM220615-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 065SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.017 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6800		15	6.5
7440-36-0	ANTIMONY	10	1.4		0.1	0.031
7440-38-2	ARSENIC	10	74		0.2	0.049
7440-39-3	BARIUM	10	230		0.5	0.23
7440-41-7	BERYLLIUM	10	0.77		0.05	0.009
7440-43-9	CADMIUM	10	2.3		0.2	0.038
7440-70-2	CALCIUM	10	7300		100	18
7440-47-3	CHROMIUM	10	27		1	0.55
7440-48-4	COBALT	10	7.7		0.5	0.043
7440-50-8	COPPER	10	52		2	0.29
7439-89-6	IRON	10	34000		20	11
7439-92-1	LEAD	10	320		0.2	0.066
7439-95-4	MAGNESIUM	10	2300		10	3.3
7439-96-5	MANGANESE	10	750		0.75	0.38
7440-02-0	NICKEL	10	22		2	0.44
7440-09-7	POTASSIUM	10	3500		100	15
7782-49-2	SELENIUM	10	2.6		1	0.22
7440-22-4	SILVER	10	2.6		0.11	0.057
7440-23-5	SODIUM	10	220		100	15
7440-28-0	THALLIUM	10	0.45		0.01	0.0098
7440-62-2	VANADIUM	10	37		0.5	0.13
7440-66-6	ZINC	10	440		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-35A-01-06
Lab ID: 2205638-154

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 2.0
Date Collected: 16-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-5
QCBatchID: IP220613-5-1
Run ID: IM220615-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 066SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.013 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6800		15	6.5
7440-36-0	ANTIMONY	10	1.3		0.1	0.031
7440-38-2	ARSENIC	10	75		0.2	0.049
7440-39-3	BARIUM	10	210		0.5	0.23
7440-41-7	BERYLLIUM	10	0.8		0.05	0.0091
7440-43-9	CADMIUM	10	2.9		0.2	0.038
7440-70-2	CALCIUM	10	7000		100	19
7440-47-3	CHROMIUM	10	22		1	0.55
7440-48-4	COBALT	10	8.2		0.5	0.043
7440-50-8	COPPER	10	56		2	0.29
7439-89-6	IRON	10	36000		20	11
7439-92-1	LEAD	10	370		0.2	0.066
7439-95-4	MAGNESIUM	10	2200		10	3.3
7439-96-5	MANGANESE	10	890		0.76	0.38
7440-02-0	NICKEL	10	19		2	0.44
7440-09-7	POTASSIUM	10	3400		100	15
7782-49-2	SELENIUM	10	2.7		1	0.22
7440-22-4	SILVER	10	2.7		0.11	0.057
7440-23-5	SODIUM	10	220		100	15
7440-28-0	THALLIUM	10	0.48		0.01	0.0099
7440-62-2	VANADIUM	10	36		0.5	0.13
7440-66-6	ZINC	10	490		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-35A-COMP
Lab ID: 2205638-155

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 5.3
Date Collected: 19-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-5
QCBatchID: IP220613-5-1
Run ID: IM220615-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 067SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.003 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6200		16	6.8
7440-36-0	ANTIMONY	10	1.2		0.11	0.033
7440-38-2	ARSENIC	10	69		0.21	0.052
7440-39-3	BARIUM	10	180		0.53	0.24
7440-41-7	BERYLLIUM	10	0.63		0.053	0.0095
7440-43-9	CADMIUM	10	2		0.21	0.04
7440-70-2	CALCIUM	10	6400		110	19
7440-47-3	CHROMIUM	10	8.6		1.1	0.58
7440-48-4	COBALT	10	8.7		0.53	0.045
7440-50-8	COPPER	10	50		2.1	0.31
7439-89-6	IRON	10	35000		21	12
7439-92-1	LEAD	10	390		0.21	0.07
7439-95-4	MAGNESIUM	10	2200		11	3.5
7439-96-5	MANGANESE	10	730		0.79	0.4
7440-02-0	NICKEL	10	15		2.1	0.46
7440-09-7	POTASSIUM	10	2600		110	16
7782-49-2	SELENIUM	10	2.3		1.1	0.23
7440-22-4	SILVER	10	2.3		0.12	0.06
7440-23-5	SODIUM	10	160		110	16
7440-28-0	THALLIUM	10	0.45		0.011	0.01
7440-62-2	VANADIUM	10	32		0.53	0.14
7440-66-6	ZINC	10	380		11	4.3

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-36A-00-01
Lab ID: 2205638-156

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.3
Date Collected: 16-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-5
QCBatchID: IP220613-5-1
Run ID: IM220615-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 068SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.007 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6800		15	6.5
7440-36-0	ANTIMONY	10	1.7		0.1	0.031
7440-38-2	ARSENIC	10	96		0.2	0.049
7440-39-3	BARIUM	10	220		0.5	0.23
7440-41-7	BERYLLIUM	10	0.82		0.05	0.0091
7440-43-9	CADMIUM	10	3		0.2	0.038
7440-70-2	CALCIUM	10	8100		100	19
7440-47-3	CHROMIUM	10	20		1	0.55
7440-48-4	COBALT	10	7.7		0.5	0.043
7440-50-8	COPPER	10	57		2	0.29
7439-89-6	IRON	10	36000		20	11
7439-92-1	LEAD	10	350		0.2	0.066
7439-95-4	MAGNESIUM	10	2500		10	3.3
7439-96-5	MANGANESE	10	900		0.75	0.38
7440-02-0	NICKEL	10	18		2	0.44
7440-09-7	POTASSIUM	10	3300		100	15
7782-49-2	SELENIUM	10	2.6		1	0.22
7440-22-4	SILVER	10	2.7		0.11	0.057
7440-23-5	SODIUM	10	180		100	15
7440-28-0	THALLIUM	10	0.5		0.01	0.0099
7440-62-2	VANADIUM	10	44		0.5	0.13
7440-66-6	ZINC	10	550		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-36A-01-06
Lab ID: 2205638-157

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.5
Date Collected: 16-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-5
QCBatchID: IP220613-5-1
Run ID: IM220615-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 069SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.004 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7200		15	6.5
7440-36-0	ANTIMONY	10	1.3		0.1	0.031
7440-38-2	ARSENIC	10	80		0.2	0.049
7440-39-3	BARIUM	10	240		0.5	0.23
7440-41-7	BERYLLIUM	10	0.85		0.05	0.009
7440-43-9	CADMIUM	10	2.6		0.2	0.038
7440-70-2	CALCIUM	10	8000		100	19
7440-47-3	CHROMIUM	10	20		1	0.55
7440-48-4	COBALT	10	7.9		0.5	0.043
7440-50-8	COPPER	10	52		2	0.29
7439-89-6	IRON	10	35000		20	11
7439-92-1	LEAD	10	320		0.2	0.066
7439-95-4	MAGNESIUM	10	2500		10	3.3
7439-96-5	MANGANESE	10	780		0.75	0.38
7440-02-0	NICKEL	10	19		2	0.44
7440-09-7	POTASSIUM	10	2800		100	15
7782-49-2	SELENIUM	10	2.8		1	0.22
7440-22-4	SILVER	10	2.3		0.11	0.057
7440-23-5	SODIUM	10	170		100	15
7440-28-0	THALLIUM	10	0.48		0.01	0.0098
7440-62-2	VANADIUM	10	39		0.5	0.13
7440-66-6	ZINC	10	490		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-37A-00-01
Lab ID: 2205638-158

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.1
Date Collected: 16-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-5
QCBatchID: IP220613-5-1
Run ID: IM220615-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 070SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.008 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7700		15	6.5
7440-36-0	ANTIMONY	10	1.1		0.1	0.031
7440-38-2	ARSENIC	10	61		0.2	0.049
7440-39-3	BARIUM	10	210		0.5	0.23
7440-41-7	BERYLLIUM	10	0.83		0.05	0.009
7440-43-9	CADMIUM	10	3.4		0.2	0.038
7440-70-2	CALCIUM	10	8200		100	19
7440-47-3	CHROMIUM	10	22		1	0.55
7440-48-4	COBALT	10	8.4		0.5	0.043
7440-50-8	COPPER	10	48		2	0.29
7439-89-6	IRON	10	29000		20	11
7439-92-1	LEAD	10	240		0.2	0.066
7439-95-4	MAGNESIUM	10	2600		10	3.3
7439-96-5	MANGANESE	10	1100		0.75	0.38
7440-02-0	NICKEL	10	21		2	0.44
7440-09-7	POTASSIUM	10	3000		100	15
7782-49-2	SELENIUM	10	2.7		1	0.22
7440-22-4	SILVER	10	1.9		0.11	0.057
7440-23-5	SODIUM	10	190		100	15
7440-28-0	THALLIUM	10	0.41		0.01	0.0098
7440-62-2	VANADIUM	10	36		0.5	0.13
7440-66-6	ZINC	10	550		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-37A-01-06
Lab ID: 2205638-159

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.9
Date Collected: 16-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-5
QCBatchID: IP220613-5-1
Run ID: IM220615-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 071SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.019 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7900		15	6.4
7440-36-0	ANTIMONY	10	0.99		0.099	0.031
7440-38-2	ARSENIC	10	65		0.2	0.049
7440-39-3	BARIUM	10	260		0.5	0.23
7440-41-7	BERYLLIUM	10	0.87		0.05	0.0089
7440-43-9	CADMIUM	10	3.8		0.2	0.038
7440-70-2	CALCIUM	10	8400		99	18
7440-47-3	CHROMIUM	10	24		0.99	0.54
7440-48-4	COBALT	10	8.9		0.5	0.043
7440-50-8	COPPER	10	50		2	0.29
7439-89-6	IRON	10	30000		20	11
7439-92-1	LEAD	10	270		0.2	0.065
7439-95-4	MAGNESIUM	10	2500		9.9	3.3
7439-96-5	MANGANESE	10	1300		0.74	0.38
7440-02-0	NICKEL	10	22		2	0.44
7440-09-7	POTASSIUM	10	3000		99	15
7782-49-2	SELENIUM	10	2.8		0.99	0.22
7440-22-4	SILVER	10	2.1		0.11	0.056
7440-23-5	SODIUM	10	200		99	15
7440-28-0	THALLIUM	10	0.44		0.0099	0.0097
7440-62-2	VANADIUM	10	39		0.5	0.13
7440-66-6	ZINC	10	570		9.9	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-38A-00-01
Lab ID: 2205638-160

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 2.4
Date Collected: 16-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-5
QCBatchID: IP220613-5-1
Run ID: IM220615-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 072SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.028 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8400		15	6.5
7440-36-0	ANTIMONY	10	0.71		0.1	0.031
7440-38-2	ARSENIC	10	50		0.2	0.049
7440-39-3	BARIUM	10	170		0.5	0.23
7440-41-7	BERYLLIUM	10	0.94		0.05	0.009
7440-43-9	CADMIUM	10	6		0.2	0.038
7440-70-2	CALCIUM	10	13000		100	18
7440-47-3	CHROMIUM	10	28		1	0.55
7440-48-4	COBALT	10	8.4		0.5	0.043
7440-50-8	COPPER	10	55		2	0.29
7439-89-6	IRON	10	30000		20	11
7439-92-1	LEAD	10	160		0.2	0.066
7439-95-4	MAGNESIUM	10	3800		10	3.3
7439-96-5	MANGANESE	10	1000		0.75	0.38
7440-02-0	NICKEL	10	24		2	0.44
7440-09-7	POTASSIUM	10	3000		100	15
7782-49-2	SELENIUM	10	3.6		1	0.22
7440-22-4	SILVER	10	1.2		0.11	0.057
7440-23-5	SODIUM	10	370		100	15
7440-28-0	THALLIUM	10	0.36		0.01	0.0098
7440-62-2	VANADIUM	10	33		0.5	0.13
7440-66-6	ZINC	10	1200		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-38A-01-06
Lab ID: 2205638-161

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 2.4
Date Collected: 16-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-5
QCBatchID: IP220613-5-1
Run ID: IM220615-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 075SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.016 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8500		15	6.6
7440-36-0	ANTIMONY	10	0.86		0.1	0.031
7440-38-2	ARSENIC	10	63		0.2	0.049
7440-39-3	BARIUM	10	180		0.5	0.23
7440-41-7	BERYLLIUM	10	1		0.05	0.0091
7440-43-9	CADMIUM	10	5.6		0.2	0.038
7440-70-2	CALCIUM	10	10000		100	19
7440-47-3	CHROMIUM	10	19		1	0.55
7440-48-4	COBALT	10	8.1		0.5	0.043
7440-50-8	COPPER	10	63		2	0.29
7439-89-6	IRON	10	34000		20	11
7439-92-1	LEAD	10	240		0.2	0.067
7439-95-4	MAGNESIUM	10	3400		10	3.3
7439-96-5	MANGANESE	10	940		0.76	0.38
7440-02-0	NICKEL	10	19		2	0.44
7440-09-7	POTASSIUM	10	2800		100	15
7782-49-2	SELENIUM	10	3.8		1	0.22
7440-22-4	SILVER	10	2.1		0.11	0.057
7440-23-5	SODIUM	10	330		100	15
7440-28-0	THALLIUM	10	0.42		0.01	0.0099
7440-62-2	VANADIUM	10	35		0.5	0.13
7440-66-6	ZINC	10	1200		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-39A-00-01
Lab ID: 2205638-162

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 2.8
Date Collected: 16-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-5
QCBatchID: IP220613-5-1
Run ID: IM220615-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 076SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.008 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	9400		15	6.6
7440-36-0	ANTIMONY	10	1.3		0.1	0.032
7440-38-2	ARSENIC	10	84		0.2	0.05
7440-39-3	BARIUM	10	220		0.51	0.23
7440-41-7	BERYLLIUM	10	0.96		0.051	0.0092
7440-43-9	CADMIUM	10	7.6		0.2	0.039
7440-70-2	CALCIUM	10	13000		100	19
7440-47-3	CHROMIUM	10	22		1	0.56
7440-48-4	COBALT	10	10		0.51	0.044
7440-50-8	COPPER	10	72		2	0.3
7439-89-6	IRON	10	33000		20	11
7439-92-1	LEAD	10	250		0.2	0.067
7439-95-4	MAGNESIUM	10	4000		10	3.4
7439-96-5	MANGANESE	10	1200		0.77	0.39
7440-02-0	NICKEL	10	25		2	0.45
7440-09-7	POTASSIUM	10	3400		100	15
7782-49-2	SELENIUM	10	3		1	0.23
7440-22-4	SILVER	10	2		0.12	0.058
7440-23-5	SODIUM	10	370		100	15
7440-28-0	THALLIUM	10	0.44		0.01	0.01
7440-62-2	VANADIUM	10	41		0.51	0.13
7440-66-6	ZINC	10	1600		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-39A-01-06
Lab ID: 2205638-164

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 4.8
Date Collected: 16-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-6
QCBatchID: IP220613-6-1
Run ID: IM220615-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 081SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.011 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	9700		16	6.8
7440-36-0	ANTIMONY	10	1.2		0.1	0.032
7440-38-2	ARSENIC	10	84		0.21	0.051
7440-39-3	BARIUM	10	250		0.52	0.24
7440-41-7	BERYLLIUM	10	0.96		0.052	0.0093
7440-43-9	CADMIUM	10	6.8		0.21	0.039
7440-70-2	CALCIUM	10	14000		100	19
7440-47-3	CHROMIUM	10	25		1	0.57
7440-48-4	COBALT	10	10		0.52	0.045
7440-50-8	COPPER	10	71		2.1	0.3
7439-89-6	IRON	10	35000		21	11
7439-92-1	LEAD	10	270		0.21	0.069
7439-95-4	MAGNESIUM	10	4200		10	3.4
7439-96-5	MANGANESE	10	1200		0.78	0.39
7440-02-0	NICKEL	10	25		2.1	0.46
7440-09-7	POTASSIUM	10	3600		100	16
7782-49-2	SELENIUM	10	3.1		1	0.23
7440-22-4	SILVER	10	2		0.12	0.059
7440-23-5	SODIUM	10	390		100	16
7440-28-0	THALLIUM	10	0.45		0.01	0.01
7440-62-2	VANADIUM	10	42		0.52	0.14
7440-66-6	ZINC	10	1500		10	4.3

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-39A-COMP
Lab ID: 2205638-165

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 15.0
Date Collected: 19-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-6
QCBatchID: IP220613-6-1
Run ID: IM220615-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 082SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.01 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7300		17	7.6
7440-36-0	ANTIMONY	10	1.3		0.12	0.036
7440-38-2	ARSENIC	10	72		0.23	0.057
7440-39-3	BARIUM	10	150		0.58	0.27
7440-41-7	BERYLLIUM	10	1		0.058	0.01
7440-43-9	CADMIUM	10	4.9		0.23	0.044
7440-70-2	CALCIUM	10	8800		120	22
7440-47-3	CHROMIUM	10	10		1.2	0.64
7440-48-4	COBALT	10	9.3		0.58	0.05
7440-50-8	COPPER	10	77		2.3	0.34
7439-89-6	IRON	10	38000		23	13
7439-92-1	LEAD	10	350		0.23	0.077
7439-95-4	MAGNESIUM	10	2900		12	3.8
7439-96-5	MANGANESE	10	1100		0.87	0.44
7440-02-0	NICKEL	10	17		2.3	0.51
7440-09-7	POTASSIUM	10	2400		120	17
7782-49-2	SELENIUM	10	3.1		1.2	0.26
7440-22-4	SILVER	10	2.4		0.13	0.066
7440-23-5	SODIUM	10	390		120	17
7440-28-0	THALLIUM	10	0.49		0.012	0.011
7440-62-2	VANADIUM	10	37		0.58	0.15
7440-66-6	ZINC	10	650		12	4.8

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-40A-00-01
Lab ID: 2205638-166

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 3.5
Date Collected: 16-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-6
QCBatchID: IP220613-6-1
Run ID: IM220615-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 083SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.003 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8700		15	6.7
7440-36-0	ANTIMONY	10	1.2		0.1	0.032
7440-38-2	ARSENIC	10	64		0.21	0.051
7440-39-3	BARIUM	10	180		0.52	0.24
7440-41-7	BERYLLIUM	10	0.81		0.052	0.0093
7440-43-9	CADMIUM	10	4.8		0.21	0.039
7440-70-2	CALCIUM	10	17000		100	19
7440-47-3	CHROMIUM	10	21		1	0.57
7440-48-4	COBALT	10	12		0.52	0.044
7440-50-8	COPPER	10	54		2.1	0.3
7439-89-6	IRON	10	36000		21	11
7439-92-1	LEAD	10	190		0.21	0.068
7439-95-4	MAGNESIUM	10	3800		10	3.4
7439-96-5	MANGANESE	10	1100		0.77	0.39
7440-02-0	NICKEL	10	28		2.1	0.45
7440-09-7	POTASSIUM	10	2900		100	15
7782-49-2	SELENIUM	10	3.2		1	0.23
7440-22-4	SILVER	10	1.4		0.12	0.059
7440-23-5	SODIUM	10	270		100	15
7440-28-0	THALLIUM	10	0.43		0.01	0.01
7440-62-2	VANADIUM	10	38		0.52	0.13
7440-66-6	ZINC	10	690		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-40A-01-06
Lab ID: 2205638-167

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 3.9
Date Collected: 16-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-6
QCBatchID: IP220613-6-1
Run ID: IM220615-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 084SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	9000		16	6.8
7440-36-0	ANTIMONY	10	0.91		0.1	0.032
7440-38-2	ARSENIC	10	58		0.21	0.051
7440-39-3	BARIUM	10	180		0.52	0.24
7440-41-7	BERYLLIUM	10	0.82		0.052	0.0094
7440-43-9	CADMIUM	10	5.3		0.21	0.04
7440-70-2	CALCIUM	10	19000		100	19
7440-47-3	CHROMIUM	10	15		1	0.57
7440-48-4	COBALT	10	13		0.52	0.045
7440-50-8	COPPER	10	52		2.1	0.3
7439-89-6	IRON	10	38000		21	11
7439-92-1	LEAD	10	200		0.21	0.069
7439-95-4	MAGNESIUM	10	3700		10	3.4
7439-96-5	MANGANESE	10	1200		0.78	0.4
7440-02-0	NICKEL	10	27		2.1	0.46
7440-09-7	POTASSIUM	10	2600		100	16
7782-49-2	SELENIUM	10	3.6		1	0.23
7440-22-4	SILVER	10	1.5		0.12	0.059
7440-23-5	SODIUM	10	260		100	16
7440-28-0	THALLIUM	10	0.43		0.01	0.01
7440-62-2	VANADIUM	10	39		0.52	0.14
7440-66-6	ZINC	10	730		10	4.3

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-40A1-00-01
Lab ID: 2205638-168

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.3
Date Collected: 16-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-6
QCBatchID: IP220613-6-1
Run ID: IM220615-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 085SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.014 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7500		15	6.5
7440-36-0	ANTIMONY	10	0.59		0.1	0.031
7440-38-2	ARSENIC	10	36		0.2	0.049
7440-39-3	BARIUM	10	180		0.5	0.23
7440-41-7	BERYLLIUM	10	0.69		0.05	0.009
7440-43-9	CADMIUM	10	1.3		0.2	0.038
7440-70-2	CALCIUM	10	11000		100	18
7440-47-3	CHROMIUM	10	16		1	0.55
7440-48-4	COBALT	10	9.3		0.5	0.043
7440-50-8	COPPER	10	36		2	0.29
7439-89-6	IRON	10	25000		20	11
7439-92-1	LEAD	10	95		0.2	0.066
7439-95-4	MAGNESIUM	10	3400		10	3.3
7439-96-5	MANGANESE	10	640		0.75	0.38
7440-02-0	NICKEL	10	20		2	0.44
7440-09-7	POTASSIUM	10	2400		100	15
7782-49-2	SELENIUM	10	2.9		1	0.22
7440-22-4	SILVER	10	0.76		0.11	0.057
7440-23-5	SODIUM	10	330		100	15
7440-28-0	THALLIUM	10	0.3		0.01	0.0098
7440-62-2	VANADIUM	10	28		0.5	0.13
7440-66-6	ZINC	10	230		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-40A1-00-01-DUP
Lab ID: 2205638-169

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 2.3
Date Collected: 16-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-6
QCBatchID: IP220613-6-1
Run ID: IM220615-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 086SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.053 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7600		15	6.3
7440-36-0	ANTIMONY	10	0.63		0.097	0.03
7440-38-2	ARSENIC	10	38		0.19	0.048
7440-39-3	BARIUM	10	180		0.49	0.22
7440-41-7	BERYLLIUM	10	0.72		0.049	0.0087
7440-43-9	CADMIUM	10	1.6		0.19	0.037
7440-70-2	CALCIUM	10	10000		97	18
7440-47-3	CHROMIUM	10	18		0.97	0.53
7440-48-4	COBALT	10	9.5		0.49	0.042
7440-50-8	COPPER	10	37		1.9	0.28
7439-89-6	IRON	10	25000		19	11
7439-92-1	LEAD	10	100		0.19	0.064
7439-95-4	MAGNESIUM	10	3500		9.7	3.2
7439-96-5	MANGANESE	10	670		0.73	0.37
7440-02-0	NICKEL	10	22		1.9	0.43
7440-09-7	POTASSIUM	10	2500		97	15
7782-49-2	SELENIUM	10	3		0.97	0.22
7440-22-4	SILVER	10	1.1		0.11	0.055
7440-23-5	SODIUM	10	380		97	15
7440-28-0	THALLIUM	10	0.31		0.0097	0.0095
7440-62-2	VANADIUM	10	28		0.49	0.13
7440-66-6	ZINC	10	260		9.7	4

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-40A1-00-01-TRI
Lab ID: 2205638-170

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.4
Date Collected: 16-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-6
QCBatchID: IP220613-6-1
Run ID: IM220615-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 087SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.034 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7400		15	6.4
7440-36-0	ANTIMONY	10	0.58		0.098	0.03
7440-38-2	ARSENIC	10	34		0.2	0.048
7440-39-3	BARIUM	10	190		0.49	0.23
7440-41-7	BERYLLIUM	10	0.69		0.049	0.0088
7440-43-9	CADMIUM	10	1.3		0.2	0.037
7440-70-2	CALCIUM	10	9700		98	18
7440-47-3	CHROMIUM	10	18		0.98	0.54
7440-48-4	COBALT	10	8.6		0.49	0.042
7440-50-8	COPPER	10	33		2	0.28
7439-89-6	IRON	10	24000		20	11
7439-92-1	LEAD	10	92		0.2	0.065
7439-95-4	MAGNESIUM	10	3200		9.8	3.2
7439-96-5	MANGANESE	10	600		0.74	0.37
7440-02-0	NICKEL	10	20		2	0.43
7440-09-7	POTASSIUM	10	2400		98	15
7782-49-2	SELENIUM	10	2.8		0.98	0.22
7440-22-4	SILVER	10	0.84		0.11	0.056
7440-23-5	SODIUM	10	300		98	15
7440-28-0	THALLIUM	10	0.29		0.0098	0.0096
7440-62-2	VANADIUM	10	28		0.49	0.13
7440-66-6	ZINC	10	230		9.8	4

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-40A1-01-06
Lab ID: 2205638-171

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.7
Date Collected: 16-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-6
QCBatchID: IP220613-6-1
Run ID: IM220615-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 088SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.029 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7700		15	6.4
7440-36-0	ANTIMONY	10	0.58		0.099	0.031
7440-38-2	ARSENIC	10	37		0.2	0.048
7440-39-3	BARIUM	10	180		0.49	0.23
7440-41-7	BERYLLIUM	10	0.71		0.049	0.0089
7440-43-9	CADMIUM	10	1.3		0.2	0.038
7440-70-2	CALCIUM	10	12000		99	18
7440-47-3	CHROMIUM	10	24		0.99	0.54
7440-48-4	COBALT	10	10		0.49	0.043
7440-50-8	COPPER	10	36		2	0.29
7439-89-6	IRON	10	27000		20	11
7439-92-1	LEAD	10	98		0.2	0.065
7439-95-4	MAGNESIUM	10	3800		9.9	3.3
7439-96-5	MANGANESE	10	670		0.74	0.38
7440-02-0	NICKEL	10	26		2	0.43
7440-09-7	POTASSIUM	10	2400		99	15
7782-49-2	SELENIUM	10	3.1		0.99	0.22
7440-22-4	SILVER	10	0.82		0.11	0.056
7440-23-5	SODIUM	10	320		99	15
7440-28-0	THALLIUM	10	0.32		0.0099	0.0097
7440-62-2	VANADIUM	10	29		0.49	0.13
7440-66-6	ZINC	10	240		9.9	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-40A1-01-06-DUP
Lab ID: 2205638-172

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 2.3
Date Collected: 16-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-6
QCBatchID: IP220613-6-1
Run ID: IM220615-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 091SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.018 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8300		15	6.5
7440-36-0	ANTIMONY	10	0.59		0.1	0.031
7440-38-2	ARSENIC	10	43		0.2	0.049
7440-39-3	BARIUM	10	190		0.5	0.23
7440-41-7	BERYLLIUM	10	0.76		0.05	0.0091
7440-43-9	CADMIUM	10	1.6		0.2	0.038
7440-70-2	CALCIUM	10	12000		100	19
7440-47-3	CHROMIUM	10	25		1	0.55
7440-48-4	COBALT	10	11		0.5	0.043
7440-50-8	COPPER	10	43		2	0.29
7439-89-6	IRON	10	30000		20	11
7439-92-1	LEAD	10	110		0.2	0.066
7439-95-4	MAGNESIUM	10	4300		10	3.3
7439-96-5	MANGANESE	10	760		0.75	0.38
7440-02-0	NICKEL	10	27		2	0.44
7440-09-7	POTASSIUM	10	2600		100	15
7782-49-2	SELENIUM	10	3.3		1	0.22
7440-22-4	SILVER	10	0.96		0.11	0.057
7440-23-5	SODIUM	10	390		100	15
7440-28-0	THALLIUM	10	0.34		0.01	0.0099
7440-62-2	VANADIUM	10	31		0.5	0.13
7440-66-6	ZINC	10	280		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-40A1-01-06-TRI
Lab ID: 2205638-173

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.8
Date Collected: 16-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-6
QCBatchID: IP220613-6-1
Run ID: IM220615-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 092SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.001 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8300		15	6.6
7440-36-0	ANTIMONY	10	0.52		0.1	0.032
7440-38-2	ARSENIC	10	37		0.2	0.05
7440-39-3	BARIUM	10	200		0.51	0.23
7440-41-7	BERYLLIUM	10	0.73		0.051	0.0092
7440-43-9	CADMIUM	10	1.4		0.2	0.039
7440-70-2	CALCIUM	10	12000		100	19
7440-47-3	CHROMIUM	10	24		1	0.56
7440-48-4	COBALT	10	9.9		0.51	0.044
7440-50-8	COPPER	10	36		2	0.3
7439-89-6	IRON	10	27000		20	11
7439-92-1	LEAD	10	100		0.2	0.067
7439-95-4	MAGNESIUM	10	3900		10	3.4
7439-96-5	MANGANESE	10	670		0.76	0.39
7440-02-0	NICKEL	10	25		2	0.45
7440-09-7	POTASSIUM	10	2400		100	15
7782-49-2	SELENIUM	10	3		1	0.23
7440-22-4	SILVER	10	0.81		0.12	0.058
7440-23-5	SODIUM	10	310		100	15
7440-28-0	THALLIUM	10	0.31		0.01	0.01
7440-62-2	VANADIUM	10	30		0.51	0.13
7440-66-6	ZINC	10	240		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-40A2-00-01
Lab ID: 2205638-174

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.2
Date Collected: 16-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-6
QCBatchID: IP220613-6-1
Run ID: IM220615-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 093SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.001 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7800		15	6.5
7440-36-0	ANTIMONY	10	0.59		0.1	0.031
7440-38-2	ARSENIC	10	34		0.2	0.049
7440-39-3	BARIUM	10	180		0.5	0.23
7440-41-7	BERYLLIUM	10	0.8		0.05	0.009
7440-43-9	CADMIUM	10	1.4		0.2	0.038
7440-70-2	CALCIUM	10	12000		100	19
7440-47-3	CHROMIUM	10	28		1	0.55
7440-48-4	COBALT	10	10		0.5	0.043
7440-50-8	COPPER	10	39		2	0.29
7439-89-6	IRON	10	28000		20	11
7439-92-1	LEAD	10	71		0.2	0.066
7439-95-4	MAGNESIUM	10	4200		10	3.3
7439-96-5	MANGANESE	10	670		0.75	0.38
7440-02-0	NICKEL	10	28		2	0.44
7440-09-7	POTASSIUM	10	2600		100	15
7782-49-2	SELENIUM	10	3.3		1	0.22
7440-22-4	SILVER	10	0.6		0.11	0.057
7440-23-5	SODIUM	10	440		100	15
7440-28-0	THALLIUM	10	0.34		0.01	0.0098
7440-62-2	VANADIUM	10	30		0.5	0.13
7440-66-6	ZINC	10	240		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-40A2-01-06
Lab ID: 2205638-175

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.3
Date Collected: 16-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-6
QCBatchID: IP220613-6-1
Run ID: IM220615-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 094SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.02 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8600		15	6.4
7440-36-0	ANTIMONY	10	0.52		0.098	0.03
7440-38-2	ARSENIC	10	29		0.2	0.048
7440-39-3	BARIUM	10	180		0.49	0.23
7440-41-7	BERYLLIUM	10	0.78		0.049	0.0088
7440-43-9	CADMIUM	10	1.5		0.2	0.037
7440-70-2	CALCIUM	10	13000		98	18
7440-47-3	CHROMIUM	10	34		0.98	0.54
7440-48-4	COBALT	10	12		0.49	0.042
7440-50-8	COPPER	10	41		2	0.29
7439-89-6	IRON	10	30000		20	11
7439-92-1	LEAD	10	61		0.2	0.065
7439-95-4	MAGNESIUM	10	4400		9.8	3.2
7439-96-5	MANGANESE	10	650		0.74	0.37
7440-02-0	NICKEL	10	33		2	0.43
7440-09-7	POTASSIUM	10	2500		98	15
7782-49-2	SELENIUM	10	3.9		0.98	0.22
7440-22-4	SILVER	10	0.49		0.11	0.056
7440-23-5	SODIUM	10	380		98	15
7440-28-0	THALLIUM	10	0.38		0.0098	0.0096
7440-62-2	VANADIUM	10	30		0.49	0.13
7440-66-6	ZINC	10	200		9.8	4

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-41A-00-01
Lab ID: 2205638-176

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.7
Date Collected: 17-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-6
QCBatchID: IP220613-6-1
Run ID: IM220615-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 095SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.013 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8900		15	6.5
7440-36-0	ANTIMONY	10	0.51		0.1	0.031
7440-38-2	ARSENIC	10	35		0.2	0.049
7440-39-3	BARIUM	10	190		0.5	0.23
7440-41-7	BERYLLIUM	10	0.78		0.05	0.009
7440-43-9	CADMIUM	10	1.5		0.2	0.038
7440-70-2	CALCIUM	10	13000		100	19
7440-47-3	CHROMIUM	10	41		1	0.55
7440-48-4	COBALT	10	12		0.5	0.043
7440-50-8	COPPER	10	40		2	0.29
7439-89-6	IRON	10	31000		20	11
7439-92-1	LEAD	10	77		0.2	0.066
7439-95-4	MAGNESIUM	10	4500		10	3.3
7439-96-5	MANGANESE	10	660		0.75	0.38
7440-02-0	NICKEL	10	36		2	0.44
7440-09-7	POTASSIUM	10	2500		100	15
7782-49-2	SELENIUM	10	3.6		1	0.22
7440-22-4	SILVER	10	0.7		0.11	0.057
7440-23-5	SODIUM	10	300		100	15
7440-28-0	THALLIUM	10	0.36		0.01	0.0098
7440-62-2	VANADIUM	10	33		0.5	0.13
7440-66-6	ZINC	10	210		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-41A-01-06
Lab ID: 2205638-177

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 2.5
Date Collected: 17-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-6
QCBatchID: IP220613-6-1
Run ID: IM220615-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 096SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.001 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8800		15	6.7
7440-36-0	ANTIMONY	10	0.48		0.1	0.032
7440-38-2	ARSENIC	10	32		0.2	0.05
7440-39-3	BARIUM	10	190		0.51	0.24
7440-41-7	BERYLLIUM	10	0.75		0.051	0.0092
7440-43-9	CADMIUM	10	1.4		0.2	0.039
7440-70-2	CALCIUM	10	12000		100	19
7440-47-3	CHROMIUM	10	30		1	0.56
7440-48-4	COBALT	10	11		0.51	0.044
7440-50-8	COPPER	10	43		2	0.3
7439-89-6	IRON	10	31000		20	11
7439-92-1	LEAD	10	68		0.2	0.068
7439-95-4	MAGNESIUM	10	4400		10	3.4
7439-96-5	MANGANESE	10	610		0.77	0.39
7440-02-0	NICKEL	10	32		2	0.45
7440-09-7	POTASSIUM	10	2600		100	15
7782-49-2	SELENIUM	10	3.8		1	0.23
7440-22-4	SILVER	10	0.53		0.12	0.058
7440-23-5	SODIUM	10	290		100	15
7440-28-0	THALLIUM	10	0.37		0.01	0.01
7440-62-2	VANADIUM	10	31		0.51	0.13
7440-66-6	ZINC	10	200		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-42A-00-01
Lab ID: 2205638-178

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.3
Date Collected: 17-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-6
QCBatchID: IP220613-6-1
Run ID: IM220615-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 097SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.026 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8500		15	6.4
7440-36-0	ANTIMONY	10	0.52		0.098	0.03
7440-38-2	ARSENIC	10	29		0.2	0.048
7440-39-3	BARIUM	10	170		0.49	0.22
7440-41-7	BERYLLIUM	10	0.8		0.049	0.0088
7440-43-9	CADMIUM	10	1.1		0.2	0.037
7440-70-2	CALCIUM	10	15000		98	18
7440-47-3	CHROMIUM	10	38		0.98	0.54
7440-48-4	COBALT	10	13		0.49	0.042
7440-50-8	COPPER	10	39		2	0.28
7439-89-6	IRON	10	30000		20	11
7439-92-1	LEAD	10	60		0.2	0.065
7439-95-4	MAGNESIUM	10	4500		9.8	3.2
7439-96-5	MANGANESE	10	740		0.73	0.37
7440-02-0	NICKEL	10	35		2	0.43
7440-09-7	POTASSIUM	10	2400		98	15
7782-49-2	SELENIUM	10	3.6		0.98	0.22
7440-22-4	SILVER	10	0.46		0.11	0.056
7440-23-5	SODIUM	10	200		98	15
7440-28-0	THALLIUM	10	0.33		0.0098	0.0096
7440-62-2	VANADIUM	10	30		0.49	0.13
7440-66-6	ZINC	10	180		9.8	4

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-42A-01-06
Lab ID: 2205638-179

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 2.1
Date Collected: 17-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-6
QCBatchID: IP220613-6-1
Run ID: IM220615-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 098SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.021 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8700		15	6.5
7440-36-0	ANTIMONY	10	0.54		0.1	0.031
7440-38-2	ARSENIC	10	29		0.2	0.049
7440-39-3	BARIUM	10	190		0.5	0.23
7440-41-7	BERYLLIUM	10	0.8		0.05	0.009
7440-43-9	CADMIUM	10	1.1		0.2	0.038
7440-70-2	CALCIUM	10	16000		100	19
7440-47-3	CHROMIUM	10	48		1	0.55
7440-48-4	COBALT	10	13		0.5	0.043
7440-50-8	COPPER	10	38		2	0.29
7439-89-6	IRON	10	31000		20	11
7439-92-1	LEAD	10	54		0.2	0.066
7439-95-4	MAGNESIUM	10	4700		10	3.3
7439-96-5	MANGANESE	10	720		0.75	0.38
7440-02-0	NICKEL	10	39		2	0.44
7440-09-7	POTASSIUM	10	2400		100	15
7782-49-2	SELENIUM	10	3.6		1	0.22
7440-22-4	SILVER	10	0.45		0.11	0.057
7440-23-5	SODIUM	10	220		100	15
7440-28-0	THALLIUM	10	0.34		0.01	0.0098
7440-62-2	VANADIUM	10	31		0.5	0.13
7440-66-6	ZINC	10	180		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-43A-00-01
Lab ID: 2205638-180

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.9
Date Collected: 17-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-6
QCBatchID: IP220613-6-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 009SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.027 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8500		15	6.4
7440-36-0	ANTIMONY	10	0.42	N	0.098	0.03
7440-38-2	ARSENIC	10	29		0.2	0.048
7440-39-3	BARIUM	10	170		0.49	0.23
7440-41-7	BERYLLIUM	10	0.75		0.049	0.0088
7440-43-9	CADMIUM	10	1.2		0.2	0.037
7440-70-2	CALCIUM	10	13000		98	18
7440-47-3	CHROMIUM	10	15		0.98	0.54
7440-48-4	COBALT	10	14		0.49	0.042
7440-50-8	COPPER	10	40		2	0.28
7439-89-6	IRON	10	29000		20	11
7439-92-1	LEAD	10	53		0.2	0.065
7439-95-4	MAGNESIUM	10	4300		9.8	3.2
7439-96-5	MANGANESE	10	730		0.74	0.37
7440-02-0	NICKEL	10	29		2	0.43
7440-09-7	POTASSIUM	10	2200		98	15
7782-49-2	SELENIUM	10	3.9		0.98	0.22
7440-22-4	SILVER	10	0.39		0.11	0.056
7440-23-5	SODIUM	10	220		98	15
7440-28-0	THALLIUM	10	0.33		0.0098	0.0096
7440-62-2	VANADIUM	10	29		0.49	0.13
7440-66-6	ZINC	10	170		9.8	4

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-43A-01-06
Lab ID: 2205638-181

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.8
Date Collected: 17-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-6
QCBatchID: IP220613-6-2
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 014SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.028 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8900		15	6.4
7440-36-0	ANTIMONY	10	0.39	N	0.099	0.031
7440-38-2	ARSENIC	10	28		0.2	0.049
7440-39-3	BARIUM	10	170		0.5	0.23
7440-41-7	BERYLLIUM	10	0.78		0.05	0.0089
7440-43-9	CADMIUM	10	1.2		0.2	0.038
7440-70-2	CALCIUM	10	14000		99	18
7440-47-3	CHROMIUM	10	20		0.99	0.54
7440-48-4	COBALT	10	15		0.5	0.043
7440-50-8	COPPER	10	41		2	0.29
7439-89-6	IRON	10	32000		20	11
7439-92-1	LEAD	10	50		0.2	0.065
7439-95-4	MAGNESIUM	10	4500		9.9	3.3
7439-96-5	MANGANESE	10	750		0.74	0.38
7440-02-0	NICKEL	10	33		2	0.44
7440-09-7	POTASSIUM	10	2300		99	15
7782-49-2	SELENIUM	10	4.1		0.99	0.22
7440-22-4	SILVER	10	0.35		0.11	0.056
7440-23-5	SODIUM	10	250		99	15
7440-28-0	THALLIUM	10	0.36		0.0099	0.0097
7440-62-2	VANADIUM	10	30	N	0.5	0.13
7440-66-6	ZINC	10	180		9.9	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-43A-COMP
Lab ID: 2205638-182

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 11.9
Date Collected: 19-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-6
QCBatchID: IP220613-6-2
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 021SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.017 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8700		17	7.3
7440-36-0	ANTIMONY	10	0.27		0.11	0.035
7440-38-2	ARSENIC	10	20		0.22	0.055
7440-39-3	BARIUM	10	130		0.56	0.26
7440-41-7	BERYLLIUM	10	0.86		0.056	0.01
7440-43-9	CADMIUM	10	1.5		0.22	0.042
7440-70-2	CALCIUM	10	21000		110	21
7440-47-3	CHROMIUM	10	12		1.1	0.61
7440-48-4	COBALT	10	16		0.56	0.048
7440-50-8	COPPER	10	35		2.2	0.32
7439-89-6	IRON	10	40000		22	12
7439-92-1	LEAD	10	30		0.22	0.074
7439-95-4	MAGNESIUM	10	5300		11	3.7
7439-96-5	MANGANESE	10	1100		0.84	0.42
7440-02-0	NICKEL	10	36		2.2	0.49
7440-09-7	POTASSIUM	10	1900		110	17
7782-49-2	SELENIUM	10	4.3		1.1	0.25
7440-22-4	SILVER	10	0.2		0.13	0.064
7440-23-5	SODIUM	10	290		110	17
7440-28-0	THALLIUM	10	0.43		0.011	0.011
7440-62-2	VANADIUM	10	30		0.56	0.15
7440-66-6	ZINC	10	130		11	4.6

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-44A-00-01
Lab ID: 2205638-183

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.9
Date Collected: 17-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-6
QCBatchID: IP220613-6-2
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 022SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.001 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6800		15	6.6
7440-36-0	ANTIMONY	10	0.44		0.1	0.031
7440-38-2	ARSENIC	10	21		0.2	0.049
7440-39-3	BARIUM	10	190		0.5	0.23
7440-41-7	BERYLLIUM	10	0.66		0.05	0.0091
7440-43-9	CADMIUM	10	0.83		0.2	0.038
7440-70-2	CALCIUM	10	11000		100	19
7440-47-3	CHROMIUM	10	22		1	0.55
7440-48-4	COBALT	10	7		0.5	0.043
7440-50-8	COPPER	10	26		2	0.29
7439-89-6	IRON	10	19000		20	11
7439-92-1	LEAD	10	50		0.2	0.067
7439-95-4	MAGNESIUM	10	3200		10	3.3
7439-96-5	MANGANESE	10	480		0.76	0.38
7440-02-0	NICKEL	10	20		2	0.44
7440-09-7	POTASSIUM	10	1900		100	15
7782-49-2	SELENIUM	10	2.1		1	0.22
7440-22-4	SILVER	10	0.45		0.11	0.057
7440-23-5	SODIUM	10	170		100	15
7440-28-0	THALLIUM	10	0.22		0.01	0.0099
7440-62-2	VANADIUM	10	25		0.5	0.13
7440-66-6	ZINC	10	160		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-44A-01-06
Lab ID: 2205638-184

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.3
Date Collected: 17-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-1
QCBatchID: IP220614-1-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 028SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.006 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6600		15	6.5
7440-36-0	ANTIMONY	10	0.45		0.1	0.031
7440-38-2	ARSENIC	10	20		0.2	0.049
7440-39-3	BARIUM	10	170		0.5	0.23
7440-41-7	BERYLLIUM	10	0.65		0.05	0.0091
7440-43-9	CADMIUM	10	0.79		0.2	0.038
7440-70-2	CALCIUM	10	10000		100	19
7440-47-3	CHROMIUM	10	34		1	0.55
7440-48-4	COBALT	10	6.7		0.5	0.043
7440-50-8	COPPER	10	24		2	0.29
7439-89-6	IRON	10	18000		20	11
7439-92-1	LEAD	10	48		0.2	0.066
7439-95-4	MAGNESIUM	10	2900		10	3.3
7439-96-5	MANGANESE	10	470		0.76	0.38
7440-02-0	NICKEL	10	25		2	0.44
7440-09-7	POTASSIUM	10	1800		100	15
7782-49-2	SELENIUM	10	2		1	0.22
7440-22-4	SILVER	10	0.37		0.11	0.057
7440-23-5	SODIUM	10	170		100	15
7440-28-0	THALLIUM	10	0.22		0.01	0.0099
7440-62-2	VANADIUM	10	24		0.5	0.13
7440-66-6	ZINC	10	140		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-45A-00-01
Lab ID: 2205638-185

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 2.0
Date Collected: 17-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-1
QCBatchID: IP220614-1-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 029SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.01 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7100		15	6.6
7440-36-0	ANTIMONY	10	0.65		0.1	0.031
7440-38-2	ARSENIC	10	32		0.2	0.05
7440-39-3	BARIUM	10	190		0.51	0.23
7440-41-7	BERYLLIUM	10	0.72		0.051	0.0091
7440-43-9	CADMIUM	10	1.3		0.2	0.038
7440-70-2	CALCIUM	10	7800		100	19
7440-47-3	CHROMIUM	10	13		1	0.56
7440-48-4	COBALT	10	9.7		0.51	0.043
7440-50-8	COPPER	10	45		2	0.29
7439-89-6	IRON	10	24000		20	11
7439-92-1	LEAD	10	86		0.2	0.067
7439-95-4	MAGNESIUM	10	3200		10	3.3
7439-96-5	MANGANESE	10	580		0.76	0.38
7440-02-0	NICKEL	10	21		2	0.44
7440-09-7	POTASSIUM	10	2900		100	15
7782-49-2	SELENIUM	10	3		1	0.22
7440-22-4	SILVER	10	0.67		0.12	0.058
7440-23-5	SODIUM	10	550		100	15
7440-28-0	THALLIUM	10	0.31		0.01	0.0099
7440-62-2	VANADIUM	10	27		0.51	0.13
7440-66-6	ZINC	10	260		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-45A-01-06
Lab ID: 2205638-186

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 2.8
Date Collected: 17-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-1
QCBatchID: IP220614-1-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 030SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8000		15	6.7
7440-36-0	ANTIMONY	10	0.41		0.1	0.032
7440-38-2	ARSENIC	10	23		0.21	0.05
7440-39-3	BARIUM	10	200		0.51	0.24
7440-41-7	BERYLLIUM	10	0.79		0.051	0.0093
7440-43-9	CADMIUM	10	1.1		0.21	0.039
7440-70-2	CALCIUM	10	12000		100	19
7440-47-3	CHROMIUM	10	12		1	0.57
7440-48-4	COBALT	10	11		0.51	0.044
7440-50-8	COPPER	10	38		2.1	0.3
7439-89-6	IRON	10	25000		21	11
7439-92-1	LEAD	10	61		0.21	0.068
7439-95-4	MAGNESIUM	10	3900		10	3.4
7439-96-5	MANGANESE	10	670		0.77	0.39
7440-02-0	NICKEL	10	39		2.1	0.45
7440-09-7	POTASSIUM	10	2000		100	15
7782-49-2	SELENIUM	10	3.3		1	0.23
7440-22-4	SILVER	10	0.45		0.12	0.059
7440-23-5	SODIUM	10	410		100	15
7440-28-0	THALLIUM	10	0.32		0.01	0.01
7440-62-2	VANADIUM	10	26		0.51	0.13
7440-66-6	ZINC	10	180		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-46A-00-01
Lab ID: 2205638-187

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.3
Date Collected: 17-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-1
QCBatchID: IP220614-1-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 031SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 0.949 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7900		16	6.9
7440-36-0	ANTIMONY	10	0.61		0.11	0.033
7440-38-2	ARSENIC	10	31		0.21	0.052
7440-39-3	BARIUM	10	200		0.53	0.25
7440-41-7	BERYLLIUM	10	0.79		0.053	0.0096
7440-43-9	CADMIUM	10	1.4		0.21	0.041
7440-70-2	CALCIUM	10	12000		110	20
7440-47-3	CHROMIUM	10	19		1.1	0.59
7440-48-4	COBALT	10	12		0.53	0.046
7440-50-8	COPPER	10	43		2.1	0.31
7439-89-6	IRON	10	27000		21	12
7439-92-1	LEAD	10	84		0.21	0.07
7439-95-4	MAGNESIUM	10	4400		11	3.5
7439-96-5	MANGANESE	10	780		0.8	0.41
7440-02-0	NICKEL	10	26		2.1	0.47
7440-09-7	POTASSIUM	10	2400		110	16
7782-49-2	SELENIUM	10	3.1		1.1	0.24
7440-22-4	SILVER	10	0.62		0.12	0.061
7440-23-5	SODIUM	10	390		110	16
7440-28-0	THALLIUM	10	0.34		0.011	0.01
7440-62-2	VANADIUM	10	29		0.53	0.14
7440-66-6	ZINC	10	250		11	4.4

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-46A-01-06
Lab ID: 2205638-188

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.1
Date Collected: 17-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-1
QCBatchID: IP220614-1-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 032SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.012 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8300		15	6.5
7440-36-0	ANTIMONY	10	0.56		0.1	0.031
7440-38-2	ARSENIC	10	29		0.2	0.049
7440-39-3	BARIUM	10	220		0.5	0.23
7440-41-7	BERYLLIUM	10	0.83		0.05	0.009
7440-43-9	CADMIUM	10	1.4		0.2	0.038
7440-70-2	CALCIUM	10	11000		100	18
7440-47-3	CHROMIUM	10	28		1	0.55
7440-48-4	COBALT	10	12		0.5	0.043
7440-50-8	COPPER	10	41		2	0.29
7439-89-6	IRON	10	29000		20	11
7439-92-1	LEAD	10	71		0.2	0.066
7439-95-4	MAGNESIUM	10	4600		10	3.3
7439-96-5	MANGANESE	10	790		0.75	0.38
7440-02-0	NICKEL	10	31		2	0.44
7440-09-7	POTASSIUM	10	2400		100	15
7782-49-2	SELENIUM	10	3.4		1	0.22
7440-22-4	SILVER	10	0.78		0.11	0.057
7440-23-5	SODIUM	10	450		100	15
7440-28-0	THALLIUM	10	0.35		0.01	0.0098
7440-62-2	VANADIUM	10	29		0.5	0.13
7440-66-6	ZINC	10	230		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-47A-00-01
Lab ID: 2205638-189

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.2
Date Collected: 17-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-1
QCBatchID: IP220614-1-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 033SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.006 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7000		15	6.5
7440-36-0	ANTIMONY	10	0.67		0.1	0.031
7440-38-2	ARSENIC	10	27		0.2	0.049
7440-39-3	BARIUM	10	180		0.5	0.23
7440-41-7	BERYLLIUM	10	0.75		0.05	0.0091
7440-43-9	CADMIUM	10	1.2		0.2	0.038
7440-70-2	CALCIUM	10	16000		100	19
7440-47-3	CHROMIUM	10	32		1	0.55
7440-48-4	COBALT	10	7.1		0.5	0.043
7440-50-8	COPPER	10	30		2	0.29
7439-89-6	IRON	10	19000		20	11
7439-92-1	LEAD	10	94		0.2	0.066
7439-95-4	MAGNESIUM	10	5700		10	3.3
7439-96-5	MANGANESE	10	570		0.75	0.38
7440-02-0	NICKEL	10	23		2	0.44
7440-09-7	POTASSIUM	10	2100		100	15
7782-49-2	SELENIUM	10	2.2		1	0.22
7440-22-4	SILVER	10	0.63		0.11	0.057
7440-23-5	SODIUM	10	160		100	15
7440-28-0	THALLIUM	10	0.27		0.01	0.0099
7440-62-2	VANADIUM	10	27		0.5	0.13
7440-66-6	ZINC	10	230		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-47A-01-06
Lab ID: 2205638-190

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.7
Date Collected: 17-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-1
QCBatchID: IP220614-1-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 034SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.001 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7100		15	6.5
7440-36-0	ANTIMONY	10	0.61		0.1	0.031
7440-38-2	ARSENIC	10	26		0.2	0.049
7440-39-3	BARIUM	10	180		0.5	0.23
7440-41-7	BERYLLIUM	10	0.78		0.05	0.0091
7440-43-9	CADMIUM	10	1.2		0.2	0.038
7440-70-2	CALCIUM	10	16000		100	19
7440-47-3	CHROMIUM	10	27		1	0.55
7440-48-4	COBALT	10	7.5		0.5	0.043
7440-50-8	COPPER	10	29		2	0.29
7439-89-6	IRON	10	20000		20	11
7439-92-1	LEAD	10	86		0.2	0.066
7439-95-4	MAGNESIUM	10	5400		10	3.3
7439-96-5	MANGANESE	10	600		0.75	0.38
7440-02-0	NICKEL	10	22		2	0.44
7440-09-7	POTASSIUM	10	2000		100	15
7782-49-2	SELENIUM	10	2.4		1	0.22
7440-22-4	SILVER	10	0.61		0.11	0.057
7440-23-5	SODIUM	10	170		100	15
7440-28-0	THALLIUM	10	0.27		0.01	0.0099
7440-62-2	VANADIUM	10	27		0.5	0.13
7440-66-6	ZINC	10	210		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-BG01-00-01
Lab ID: 2205638-191

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.8
Date Collected: 17-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-1
QCBatchID: IP220614-1-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 037SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6700		15	6.6
7440-36-0	ANTIMONY	10	0.24		0.1	0.031
7440-38-2	ARSENIC	10	11		0.2	0.049
7440-39-3	BARIUM	10	96		0.5	0.23
7440-41-7	BERYLLIUM	10	0.7		0.05	0.0091
7440-43-9	CADMIUM	10	0.39		0.2	0.038
7440-70-2	CALCIUM	10	6400		100	19
7440-47-3	CHROMIUM	10	36		1	0.55
7440-48-4	COBALT	10	7		0.5	0.043
7440-50-8	COPPER	10	17		2	0.29
7439-89-6	IRON	10	17000		20	11
7439-92-1	LEAD	10	36		0.2	0.067
7439-95-4	MAGNESIUM	10	3200		10	3.3
7439-96-5	MANGANESE	10	450		0.76	0.38
7440-02-0	NICKEL	10	27		2	0.44
7440-09-7	POTASSIUM	10	2400		100	15
7782-49-2	SELENIUM	10	2.7		1	0.22
7440-22-4	SILVER	10	0.09	J	0.11	0.057
7440-23-5	SODIUM	10	54	J	100	15
7440-28-0	THALLIUM	10	0.17		0.01	0.0099
7440-62-2	VANADIUM	10	18		0.5	0.13
7440-66-6	ZINC	10	75		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-BG01-01-06
Lab ID: 2205638-193

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.2
Date Collected: 17-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-1
QCBatchID: IP220614-1-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 038SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.007 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6600		15	6.5
7440-36-0	ANTIMONY	10	0.25		0.1	0.031
7440-38-2	ARSENIC	10	10		0.2	0.049
7440-39-3	BARIUM	10	93		0.5	0.23
7440-41-7	BERYLLIUM	10	0.68		0.05	0.009
7440-43-9	CADMIUM	10	0.39		0.2	0.038
7440-70-2	CALCIUM	10	5800		100	19
7440-47-3	CHROMIUM	10	35		1	0.55
7440-48-4	COBALT	10	6.9		0.5	0.043
7440-50-8	COPPER	10	18		2	0.29
7439-89-6	IRON	10	17000		20	11
7439-92-1	LEAD	10	37		0.2	0.066
7439-95-4	MAGNESIUM	10	3000		10	3.3
7439-96-5	MANGANESE	10	430		0.75	0.38
7440-02-0	NICKEL	10	26		2	0.44
7440-09-7	POTASSIUM	10	2400		100	15
7782-49-2	SELENIUM	10	2.6		1	0.22
7440-22-4	SILVER	10	0.08	J	0.11	0.057
7440-23-5	SODIUM	10	47	J	100	15
7440-28-0	THALLIUM	10	0.17		0.01	0.0098
7440-62-2	VANADIUM	10	18		0.5	0.13
7440-66-6	ZINC	10	77		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-BG02-00-01
Lab ID: 2205638-194

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.4
Date Collected: 17-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-1
QCBatchID: IP220614-1-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 039SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.002 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8300		15	6.6
7440-36-0	ANTIMONY	10	0.25		0.1	0.031
7440-38-2	ARSENIC	10	11		0.2	0.05
7440-39-3	BARIUM	10	98		0.51	0.23
7440-41-7	BERYLLIUM	10	0.65		0.051	0.0091
7440-43-9	CADMIUM	10	0.35		0.2	0.038
7440-70-2	CALCIUM	10	6000		100	19
7440-47-3	CHROMIUM	10	23		1	0.56
7440-48-4	COBALT	10	7.1		0.51	0.044
7440-50-8	COPPER	10	18		2	0.29
7439-89-6	IRON	10	17000		20	11
7439-92-1	LEAD	10	29		0.2	0.067
7439-95-4	MAGNESIUM	10	3300		10	3.3
7439-96-5	MANGANESE	10	390		0.76	0.38
7440-02-0	NICKEL	10	22		2	0.45
7440-09-7	POTASSIUM	10	2200		100	15
7782-49-2	SELENIUM	10	2		1	0.22
7440-22-4	SILVER	10	0.085	J	0.12	0.058
7440-23-5	SODIUM	10	40	J	100	15
7440-28-0	THALLIUM	10	0.18		0.01	0.0099
7440-62-2	VANADIUM	10	20		0.51	0.13
7440-66-6	ZINC	10	72		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-BG02-01-06
Lab ID: 2205638-196

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.5
Date Collected: 17-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-1
QCBatchID: IP220614-1-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 040SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.016 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8800		15	6.5
7440-36-0	ANTIMONY	10	0.24		0.1	0.031
7440-38-2	ARSENIC	10	11		0.2	0.049
7440-39-3	BARIUM	10	100		0.5	0.23
7440-41-7	BERYLLIUM	10	0.69		0.05	0.009
7440-43-9	CADMIUM	10	0.35		0.2	0.038
7440-70-2	CALCIUM	10	6600		100	18
7440-47-3	CHROMIUM	10	46		1	0.55
7440-48-4	COBALT	10	7.6		0.5	0.043
7440-50-8	COPPER	10	20		2	0.29
7439-89-6	IRON	10	18000		20	11
7439-92-1	LEAD	10	29		0.2	0.066
7439-95-4	MAGNESIUM	10	3500		10	3.3
7439-96-5	MANGANESE	10	400		0.75	0.38
7440-02-0	NICKEL	10	34		2	0.44
7440-09-7	POTASSIUM	10	2200		100	15
7782-49-2	SELENIUM	10	2.1		1	0.22
7440-22-4	SILVER	10	0.098	J	0.11	0.057
7440-23-5	SODIUM	10	42	J	100	15
7440-28-0	THALLIUM	10	0.19		0.01	0.0098
7440-62-2	VANADIUM	10	21		0.5	0.13
7440-66-6	ZINC	10	74		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-BG03-00-01
Lab ID: 2205638-197

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.7
Date Collected: 17-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-1
QCBatchID: IP220614-1-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 041SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.004 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	5500		15	6.5
7440-36-0	ANTIMONY	10	0.21		0.1	0.031
7440-38-2	ARSENIC	10	7.1		0.2	0.049
7440-39-3	BARIUM	10	91		0.5	0.23
7440-41-7	BERYLLIUM	10	0.57		0.05	0.009
7440-43-9	CADMIUM	10	0.38		0.2	0.038
7440-70-2	CALCIUM	10	5300		100	19
7440-47-3	CHROMIUM	10	15		1	0.55
7440-48-4	COBALT	10	4.6		0.5	0.043
7440-50-8	COPPER	10	12		2	0.29
7439-89-6	IRON	10	12000		20	11
7439-92-1	LEAD	10	30		0.2	0.066
7439-95-4	MAGNESIUM	10	1900		10	3.3
7439-96-5	MANGANESE	10	300		0.75	0.38
7440-02-0	NICKEL	10	11		2	0.44
7440-09-7	POTASSIUM	10	2100		100	15
7782-49-2	SELENIUM	10	1.8		1	0.22
7440-22-4	SILVER	10	0.063	J	0.11	0.057
7440-23-5	SODIUM	10	29	J	100	15
7440-28-0	THALLIUM	10	0.14		0.01	0.0098
7440-62-2	VANADIUM	10	17		0.5	0.13
7440-66-6	ZINC	10	63		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-BG03-01-06
Lab ID: 2205638-199

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.9
Date Collected: 17-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-1
QCBatchID: IP220614-1-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 042SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.01 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	5500		15	6.5
7440-36-0	ANTIMONY	10	0.2		0.1	0.031
7440-38-2	ARSENIC	10	7.4		0.2	0.049
7440-39-3	BARIUM	10	84		0.5	0.23
7440-41-7	BERYLLIUM	10	0.58		0.05	0.009
7440-43-9	CADMIUM	10	0.29		0.2	0.038
7440-70-2	CALCIUM	10	4100		100	18
7440-47-3	CHROMIUM	10	31		1	0.55
7440-48-4	COBALT	10	4.8		0.5	0.043
7440-50-8	COPPER	10	12		2	0.29
7439-89-6	IRON	10	13000		20	11
7439-92-1	LEAD	10	22		0.2	0.066
7439-95-4	MAGNESIUM	10	1800		10	3.3
7439-96-5	MANGANESE	10	310		0.75	0.38
7440-02-0	NICKEL	10	20		2	0.44
7440-09-7	POTASSIUM	10	1900		100	15
7782-49-2	SELENIUM	10	1.9		1	0.22
7440-22-4	SILVER	10	0.057	U	0.11	0.057
7440-23-5	SODIUM	10	29	J	100	15
7440-28-0	THALLIUM	10	0.14		0.01	0.0098
7440-62-2	VANADIUM	10	17		0.5	0.13
7440-66-6	ZINC	10	54		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA01-00-01
Lab ID: 2205638-200

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.0
Date Collected: 16-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-1
QCBatchID: IP220614-1-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 043SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.003 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6100		15	6.5
7440-36-0	ANTIMONY	10	1.5		0.1	0.031
7440-38-2	ARSENIC	10	64		0.2	0.049
7440-39-3	BARIUM	10	150		0.5	0.23
7440-41-7	BERYLLIUM	10	0.81		0.05	0.0091
7440-43-9	CADMIUM	10	1.8		0.2	0.038
7440-70-2	CALCIUM	10	9200		100	19
7440-47-3	CHROMIUM	10	13		1	0.55
7440-48-4	COBALT	10	9.1		0.5	0.043
7440-50-8	COPPER	10	52		2	0.29
7439-89-6	IRON	10	32000		20	11
7439-92-1	LEAD	10	290		0.2	0.066
7439-95-4	MAGNESIUM	10	2900		10	3.3
7439-96-5	MANGANESE	10	740		0.76	0.38
7440-02-0	NICKEL	10	17		2	0.44
7440-09-7	POTASSIUM	10	2800		100	15
7782-49-2	SELENIUM	10	2.9		1	0.22
7440-22-4	SILVER	10	2		0.11	0.057
7440-23-5	SODIUM	10	160		100	15
7440-28-0	THALLIUM	10	0.4		0.01	0.0099
7440-62-2	VANADIUM	10	35		0.5	0.13
7440-66-6	ZINC	10	370		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA01-01-06
Lab ID: 2205638-201

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.1
Date Collected: 16-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-1
QCBatchID: IP220614-1-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 044SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.003 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6700		15	6.6
7440-36-0	ANTIMONY	10	1.3		0.1	0.031
7440-38-2	ARSENIC	10	60		0.2	0.049
7440-39-3	BARIUM	10	170		0.5	0.23
7440-41-7	BERYLLIUM	10	0.78		0.05	0.0091
7440-43-9	CADMIUM	10	1.7		0.2	0.038
7440-70-2	CALCIUM	10	11000		100	19
7440-47-3	CHROMIUM	10	22		1	0.55
7440-48-4	COBALT	10	10		0.5	0.043
7440-50-8	COPPER	10	57		2	0.29
7439-89-6	IRON	10	36000		20	11
7439-92-1	LEAD	10	290		0.2	0.067
7439-95-4	MAGNESIUM	10	3000		10	3.3
7439-96-5	MANGANESE	10	710		0.76	0.38
7440-02-0	NICKEL	10	25		2	0.44
7440-09-7	POTASSIUM	10	2500		100	15
7782-49-2	SELENIUM	10	3.3		1	0.22
7440-22-4	SILVER	10	1.9		0.11	0.057
7440-23-5	SODIUM	10	180		100	15
7440-28-0	THALLIUM	10	0.42		0.01	0.0099
7440-62-2	VANADIUM	10	36		0.5	0.13
7440-66-6	ZINC	10	340		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA02-00-01
Lab ID: 2205638-202

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 3.1
Date Collected: 16-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-1
QCBatchID: IP220614-1-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 045SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.004 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7900		15	6.7
7440-36-0	ANTIMONY	10	1.1		0.1	0.032
7440-38-2	ARSENIC	10	51		0.21	0.05
7440-39-3	BARIUM	10	170		0.51	0.24
7440-41-7	BERYLLIUM	10	0.76		0.051	0.0092
7440-43-9	CADMIUM	10	1.7		0.21	0.039
7440-70-2	CALCIUM	10	15000		100	19
7440-47-3	CHROMIUM	10	14		1	0.57
7440-48-4	COBALT	10	12		0.51	0.044
7440-50-8	COPPER	10	44		2.1	0.3
7439-89-6	IRON	10	34000		21	11
7439-92-1	LEAD	10	160		0.21	0.068
7439-95-4	MAGNESIUM	10	3600		10	3.4
7439-96-5	MANGANESE	10	850		0.77	0.39
7440-02-0	NICKEL	10	25		2.1	0.45
7440-09-7	POTASSIUM	10	4000		100	15
7782-49-2	SELENIUM	10	3.8		1	0.23
7440-22-4	SILVER	10	1.1		0.12	0.059
7440-23-5	SODIUM	10	170		100	15
7440-28-0	THALLIUM	10	0.4		0.01	0.01
7440-62-2	VANADIUM	10	37		0.51	0.13
7440-66-6	ZINC	10	290		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA02-01-06
Lab ID: 2205638-204

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 4.7
Date Collected: 16-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-1
QCBatchID: IP220614-1-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 046SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.015 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8300		16	6.7
7440-36-0	ANTIMONY	10	0.76		0.1	0.032
7440-38-2	ARSENIC	10	39		0.21	0.051
7440-39-3	BARIUM	10	160		0.52	0.24
7440-41-7	BERYLLIUM	10	0.76		0.052	0.0093
7440-43-9	CADMIUM	10	1.5		0.21	0.039
7440-70-2	CALCIUM	10	19000		100	19
7440-47-3	CHROMIUM	10	15		1	0.57
7440-48-4	COBALT	10	14		0.52	0.044
7440-50-8	COPPER	10	45		2.1	0.3
7439-89-6	IRON	10	36000		21	11
7439-92-1	LEAD	10	120		0.21	0.068
7439-95-4	MAGNESIUM	10	3700		10	3.4
7439-96-5	MANGANESE	10	770		0.78	0.39
7440-02-0	NICKEL	10	28		2.1	0.46
7440-09-7	POTASSIUM	10	2800		100	16
7782-49-2	SELENIUM	10	4.5		1	0.23
7440-22-4	SILVER	10	0.83		0.12	0.059
7440-23-5	SODIUM	10	200		100	16
7440-28-0	THALLIUM	10	0.38		0.01	0.01
7440-62-2	VANADIUM	10	34		0.52	0.13
7440-66-6	ZINC	10	240		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA03-00-01
Lab ID: 2205638-205

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.9
Date Collected: 16-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-1
QCBatchID: IP220614-1-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 051SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.006 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6900		15	6.5
7440-36-0	ANTIMONY	10	1.3		0.1	0.031
7440-38-2	ARSENIC	10	62		0.2	0.049
7440-39-3	BARIUM	10	170		0.5	0.23
7440-41-7	BERYLLIUM	10	0.83		0.05	0.009
7440-43-9	CADMIUM	10	2.1		0.2	0.038
7440-70-2	CALCIUM	10	20000		100	19
7440-47-3	CHROMIUM	10	16		1	0.55
7440-48-4	COBALT	10	10		0.5	0.043
7440-50-8	COPPER	10	240		2	0.29
7439-89-6	IRON	10	31000		20	11
7439-92-1	LEAD	10	230		0.2	0.066
7439-95-4	MAGNESIUM	10	5200		10	3.3
7439-96-5	MANGANESE	10	870		0.75	0.38
7440-02-0	NICKEL	10	23		2	0.44
7440-09-7	POTASSIUM	10	2400		100	15
7782-49-2	SELENIUM	10	2.9		1	0.22
7440-22-4	SILVER	10	1.6		0.11	0.057
7440-23-5	SODIUM	10	180		100	15
7440-28-0	THALLIUM	10	0.39		0.01	0.0098
7440-62-2	VANADIUM	10	38		0.5	0.13
7440-66-6	ZINC	10	500		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA03-01-06
Lab ID: 2205638-206

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 2.2
Date Collected: 16-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-1
QCBatchID: IP220614-1-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 052SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.002 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8000		15	6.6
7440-36-0	ANTIMONY	10	1		0.1	0.032
7440-38-2	ARSENIC	10	52		0.2	0.05
7440-39-3	BARIUM	10	180		0.51	0.23
7440-41-7	BERYLLIUM	10	0.83		0.051	0.0092
7440-43-9	CADMIUM	10	2		0.2	0.039
7440-70-2	CALCIUM	10	20000		100	19
7440-47-3	CHROMIUM	10	19		1	0.56
7440-48-4	COBALT	10	12		0.51	0.044
7440-50-8	COPPER	10	51		2	0.3
7439-89-6	IRON	10	34000		20	11
7439-92-1	LEAD	10	180		0.2	0.067
7439-95-4	MAGNESIUM	10	4300		10	3.4
7439-96-5	MANGANESE	10	850		0.77	0.39
7440-02-0	NICKEL	10	28		2	0.45
7440-09-7	POTASSIUM	10	2200		100	15
7782-49-2	SELENIUM	10	3.6		1	0.23
7440-22-4	SILVER	10	1.3		0.12	0.058
7440-23-5	SODIUM	10	190		100	15
7440-28-0	THALLIUM	10	0.44		0.01	0.01
7440-62-2	VANADIUM	10	38		0.51	0.13
7440-66-6	ZINC	10	320		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA04-00-01
Lab ID: 2205638-207

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.1
Date Collected: 16-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-1
QCBatchID: IP220614-1-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 053SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.002 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6100		15	6.6
7440-36-0	ANTIMONY	10	1.5		0.1	0.031
7440-38-2	ARSENIC	10	73		0.2	0.049
7440-39-3	BARIUM	10	170		0.5	0.23
7440-41-7	BERYLLIUM	10	0.72		0.05	0.0091
7440-43-9	CADMIUM	10	2.5		0.2	0.038
7440-70-2	CALCIUM	10	13000		100	19
7440-47-3	CHROMIUM	10	19		1	0.55
7440-48-4	COBALT	10	8.1		0.5	0.043
7440-50-8	COPPER	10	46		2	0.29
7439-89-6	IRON	10	29000		20	11
7439-92-1	LEAD	10	250		0.2	0.067
7439-95-4	MAGNESIUM	10	3600		10	3.3
7439-96-5	MANGANESE	10	880		0.76	0.38
7440-02-0	NICKEL	10	20		2	0.44
7440-09-7	POTASSIUM	10	2800		100	15
7782-49-2	SELENIUM	10	2.5		1	0.22
7440-22-4	SILVER	10	2.1		0.12	0.057
7440-23-5	SODIUM	10	150		100	15
7440-28-0	THALLIUM	10	0.4		0.01	0.0099
7440-62-2	VANADIUM	10	42		0.5	0.13
7440-66-6	ZINC	10	510		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA04-00-01-DUP
Lab ID: 2205638-208

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.5
Date Collected: 16-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-2
QCBatchID: IP220614-2-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 058SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	5900		15	6.6
7440-36-0	ANTIMONY	10	1.7		0.1	0.031
7440-38-2	ARSENIC	10	84		0.2	0.05
7440-39-3	BARIUM	10	160		0.51	0.23
7440-41-7	BERYLLIUM	10	0.73		0.051	0.0091
7440-43-9	CADMIUM	10	2.7		0.2	0.039
7440-70-2	CALCIUM	10	12000		100	19
7440-47-3	CHROMIUM	10	19		1	0.56
7440-48-4	COBALT	10	7.4		0.51	0.044
7440-50-8	COPPER	10	48		2	0.29
7439-89-6	IRON	10	31000		20	11
7439-92-1	LEAD	10	310		0.2	0.067
7439-95-4	MAGNESIUM	10	3600		10	3.3
7439-96-5	MANGANESE	10	880		0.76	0.39
7440-02-0	NICKEL	10	18		2	0.45
7440-09-7	POTASSIUM	10	3000		100	15
7782-49-2	SELENIUM	10	2.5		1	0.23
7440-22-4	SILVER	10	2.3		0.12	0.058
7440-23-5	SODIUM	10	160		100	15
7440-28-0	THALLIUM	10	0.41		0.01	0.0099
7440-62-2	VANADIUM	10	43		0.51	0.13
7440-66-6	ZINC	10	560		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA04-00-01-TRI
Lab ID: 2205638-209

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.8
Date Collected: 16-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-2
QCBatchID: IP220614-2-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 059SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.012 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	5800		15	6.5
7440-36-0	ANTIMONY	10	1.7		0.1	0.031
7440-38-2	ARSENIC	10	84		0.2	0.049
7440-39-3	BARIUM	10	170		0.5	0.23
7440-41-7	BERYLLIUM	10	0.74		0.05	0.009
7440-43-9	CADMIUM	10	2.5		0.2	0.038
7440-70-2	CALCIUM	10	12000		100	18
7440-47-3	CHROMIUM	10	16		1	0.55
7440-48-4	COBALT	10	7.1		0.5	0.043
7440-50-8	COPPER	10	48		2	0.29
7439-89-6	IRON	10	28000		20	11
7439-92-1	LEAD	10	270		0.2	0.066
7439-95-4	MAGNESIUM	10	3700		10	3.3
7439-96-5	MANGANESE	10	900		0.75	0.38
7440-02-0	NICKEL	10	16		2	0.44
7440-09-7	POTASSIUM	10	3000		100	15
7782-49-2	SELENIUM	10	2.4		1	0.22
7440-22-4	SILVER	10	2		0.11	0.057
7440-23-5	SODIUM	10	160		100	15
7440-28-0	THALLIUM	10	0.41		0.01	0.0098
7440-62-2	VANADIUM	10	43		0.5	0.13
7440-66-6	ZINC	10	520		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA04-01-06
Lab ID: 2205638-210

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.0
Date Collected: 16-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-2
QCBatchID: IP220614-2-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 060SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.003 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6200		15	6.5
7440-36-0	ANTIMONY	10	1.3		0.1	0.031
7440-38-2	ARSENIC	10	63		0.2	0.049
7440-39-3	BARIUM	10	170		0.5	0.23
7440-41-7	BERYLLIUM	10	0.79		0.05	0.0091
7440-43-9	CADMIUM	10	2.3		0.2	0.038
7440-70-2	CALCIUM	10	14000		100	19
7440-47-3	CHROMIUM	10	24		1	0.55
7440-48-4	COBALT	10	7.7		0.5	0.043
7440-50-8	COPPER	10	44		2	0.29
7439-89-6	IRON	10	28000		20	11
7439-92-1	LEAD	10	260		0.2	0.066
7439-95-4	MAGNESIUM	10	4000		10	3.3
7439-96-5	MANGANESE	10	800		0.76	0.38
7440-02-0	NICKEL	10	22		2	0.44
7440-09-7	POTASSIUM	10	2800		100	15
7782-49-2	SELENIUM	10	2.7		1	0.22
7440-22-4	SILVER	10	1.8		0.11	0.057
7440-23-5	SODIUM	10	140		100	15
7440-28-0	THALLIUM	10	0.39		0.01	0.0099
7440-62-2	VANADIUM	10	38		0.5	0.13
7440-66-6	ZINC	10	440		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA04-01-06-DUP
Lab ID: 2205638-211

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.3
Date Collected: 16-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-2
QCBatchID: IP220614-2-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 061SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.002 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6300		15	6.6
7440-36-0	ANTIMONY	10	1.2		0.1	0.031
7440-38-2	ARSENIC	10	63		0.2	0.05
7440-39-3	BARIUM	10	180		0.51	0.23
7440-41-7	BERYLLIUM	10	0.78		0.051	0.0091
7440-43-9	CADMIUM	10	2.2		0.2	0.038
7440-70-2	CALCIUM	10	13000		100	19
7440-47-3	CHROMIUM	10	26		1	0.56
7440-48-4	COBALT	10	8.1		0.51	0.043
7440-50-8	COPPER	10	44		2	0.29
7439-89-6	IRON	10	29000		20	11
7439-92-1	LEAD	10	260		0.2	0.067
7439-95-4	MAGNESIUM	10	3900		10	3.3
7439-96-5	MANGANESE	10	770		0.76	0.38
7440-02-0	NICKEL	10	24		2	0.44
7440-09-7	POTASSIUM	10	2800		100	15
7782-49-2	SELENIUM	10	2.6		1	0.22
7440-22-4	SILVER	10	1.8		0.12	0.058
7440-23-5	SODIUM	10	140		100	15
7440-28-0	THALLIUM	10	0.4		0.01	0.0099
7440-62-2	VANADIUM	10	39		0.51	0.13
7440-66-6	ZINC	10	420		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA04-01-06-TRI
Lab ID: 2205638-212

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.7
Date Collected: 16-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-2
QCBatchID: IP220614-2-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 062SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.008 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	5900		15	6.6
7440-36-0	ANTIMONY	10	1.3		0.1	0.031
7440-38-2	ARSENIC	10	62		0.2	0.049
7440-39-3	BARIUM	10	150		0.5	0.23
7440-41-7	BERYLLIUM	10	0.71		0.05	0.0091
7440-43-9	CADMIUM	10	2		0.2	0.038
7440-70-2	CALCIUM	10	15000		100	19
7440-47-3	CHROMIUM	10	23		1	0.55
7440-48-4	COBALT	10	7.7		0.5	0.043
7440-50-8	COPPER	10	44		2	0.29
7439-89-6	IRON	10	28000		20	11
7439-92-1	LEAD	10	250		0.2	0.067
7439-95-4	MAGNESIUM	10	3800		10	3.3
7439-96-5	MANGANESE	10	730		0.76	0.38
7440-02-0	NICKEL	10	21		2	0.44
7440-09-7	POTASSIUM	10	2600		100	15
7782-49-2	SELENIUM	10	2.4		1	0.22
7440-22-4	SILVER	10	1.8		0.12	0.058
7440-23-5	SODIUM	10	130		100	15
7440-28-0	THALLIUM	10	0.38		0.01	0.0099
7440-62-2	VANADIUM	10	37		0.5	0.13
7440-66-6	ZINC	10	380		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA05-00-01
Lab ID: 2205638-213

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.2
Date Collected: 16-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-2
QCBatchID: IP220614-2-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 063SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.006 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6600		15	6.5
7440-36-0	ANTIMONY	10	1.3		0.1	0.031
7440-38-2	ARSENIC	10	69		0.2	0.049
7440-39-3	BARIUM	10	170		0.5	0.23
7440-41-7	BERYLLIUM	10	0.73		0.05	0.0091
7440-43-9	CADMIUM	10	2.2		0.2	0.038
7440-70-2	CALCIUM	10	15000		100	19
7440-47-3	CHROMIUM	10	19		1	0.55
7440-48-4	COBALT	10	8.7		0.5	0.043
7440-50-8	COPPER	10	47		2	0.29
7439-89-6	IRON	10	30000		20	11
7439-92-1	LEAD	10	230		0.2	0.066
7439-95-4	MAGNESIUM	10	4800		10	3.3
7439-96-5	MANGANESE	10	820		0.75	0.38
7440-02-0	NICKEL	10	22		2	0.44
7440-09-7	POTASSIUM	10	2700		100	15
7782-49-2	SELENIUM	10	2.8		1	0.22
7440-22-4	SILVER	10	1.8		0.11	0.057
7440-23-5	SODIUM	10	200		100	15
7440-28-0	THALLIUM	10	0.39		0.01	0.0099
7440-62-2	VANADIUM	10	41		0.5	0.13
7440-66-6	ZINC	10	390		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA05-01-06
Lab ID: 2205638-214

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.9
Date Collected: 16-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-2
QCBatchID: IP220614-2-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 064SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.002 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7000		15	6.5
7440-36-0	ANTIMONY	10	1.2		0.1	0.031
7440-38-2	ARSENIC	10	67		0.2	0.049
7440-39-3	BARIUM	10	200		0.5	0.23
7440-41-7	BERYLLIUM	10	0.74		0.05	0.0091
7440-43-9	CADMIUM	10	2.3		0.2	0.038
7440-70-2	CALCIUM	10	14000		100	19
7440-47-3	CHROMIUM	10	21		1	0.55
7440-48-4	COBALT	10	9.4		0.5	0.043
7440-50-8	COPPER	10	46		2	0.29
7439-89-6	IRON	10	31000		20	11
7439-92-1	LEAD	10	220		0.2	0.066
7439-95-4	MAGNESIUM	10	4200		10	3.3
7439-96-5	MANGANESE	10	840		0.76	0.38
7440-02-0	NICKEL	10	23		2	0.44
7440-09-7	POTASSIUM	10	2700		100	15
7782-49-2	SELENIUM	10	2.7		1	0.22
7440-22-4	SILVER	10	1.7		0.11	0.057
7440-23-5	SODIUM	10	190		100	15
7440-28-0	THALLIUM	10	0.39		0.01	0.0099
7440-62-2	VANADIUM	10	40		0.5	0.13
7440-66-6	ZINC	10	410		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA06-00-01
Lab ID: 2205638-215

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.4
Date Collected: 16-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-2
QCBatchID: IP220614-2-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 065SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.005 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7500		15	6.6
7440-36-0	ANTIMONY	10	1.3		0.1	0.031
7440-38-2	ARSENIC	10	69		0.2	0.049
7440-39-3	BARIUM	10	190		0.5	0.23
7440-41-7	BERYLLIUM	10	0.74		0.05	0.0091
7440-43-9	CADMIUM	10	2.1		0.2	0.038
7440-70-2	CALCIUM	10	11000		100	19
7440-47-3	CHROMIUM	10	15		1	0.56
7440-48-4	COBALT	10	9.8		0.5	0.043
7440-50-8	COPPER	10	44		2	0.29
7439-89-6	IRON	10	32000		20	11
7439-92-1	LEAD	10	190		0.2	0.067
7439-95-4	MAGNESIUM	10	3800		10	3.3
7439-96-5	MANGANESE	10	870		0.76	0.38
7440-02-0	NICKEL	10	21		2	0.44
7440-09-7	POTASSIUM	10	3300		100	15
7782-49-2	SELENIUM	10	3.2		1	0.22
7440-22-4	SILVER	10	1.6		0.12	0.058
7440-23-5	SODIUM	10	160		100	15
7440-28-0	THALLIUM	10	0.39		0.01	0.0099
7440-62-2	VANADIUM	10	41		0.5	0.13
7440-66-6	ZINC	10	390		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA06-01-06
Lab ID: 2205638-216

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.8
Date Collected: 16-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-2
QCBatchID: IP220614-2-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 068SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.006 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7700		15	6.6
7440-36-0	ANTIMONY	10	1.1		0.1	0.031
7440-38-2	ARSENIC	10	60		0.2	0.05
7440-39-3	BARIUM	10	190		0.51	0.23
7440-41-7	BERYLLIUM	10	0.77		0.051	0.0091
7440-43-9	CADMIUM	10	1.8		0.2	0.038
7440-70-2	CALCIUM	10	12000		100	19
7440-47-3	CHROMIUM	10	17		1	0.56
7440-48-4	COBALT	10	10		0.51	0.044
7440-50-8	COPPER	10	45		2	0.29
7439-89-6	IRON	10	33000		20	11
7439-92-1	LEAD	10	180		0.2	0.067
7439-95-4	MAGNESIUM	10	4000		10	3.3
7439-96-5	MANGANESE	10	830		0.76	0.38
7440-02-0	NICKEL	10	22		2	0.45
7440-09-7	POTASSIUM	10	3600		100	15
7782-49-2	SELENIUM	10	3.5		1	0.22
7440-22-4	SILVER	10	1.4		0.12	0.058
7440-23-5	SODIUM	10	170		100	15
7440-28-0	THALLIUM	10	0.37		0.01	0.0099
7440-62-2	VANADIUM	10	39		0.51	0.13
7440-66-6	ZINC	10	350		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA07-00-01
Lab ID: 2205638-217

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.7
Date Collected: 17-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-2
QCBatchID: IP220614-2-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 069SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.001 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6700		15	6.5
7440-36-0	ANTIMONY	10	0.52		0.1	0.031
7440-38-2	ARSENIC	10	23		0.2	0.049
7440-39-3	BARIUM	10	180		0.5	0.23
7440-41-7	BERYLLIUM	10	0.66		0.05	0.0091
7440-43-9	CADMIUM	10	0.79		0.2	0.038
7440-70-2	CALCIUM	10	15000		100	19
7440-47-3	CHROMIUM	10	17		1	0.55
7440-48-4	COBALT	10	6.1		0.5	0.043
7440-50-8	COPPER	10	23		2	0.29
7439-89-6	IRON	10	18000		20	11
7439-92-1	LEAD	10	74		0.2	0.066
7439-95-4	MAGNESIUM	10	5200		10	3.3
7439-96-5	MANGANESE	10	500		0.75	0.38
7440-02-0	NICKEL	10	15		2	0.44
7440-09-7	POTASSIUM	10	2600		100	15
7782-49-2	SELENIUM	10	2.1		1	0.22
7440-22-4	SILVER	10	0.49		0.11	0.057
7440-23-5	SODIUM	10	99	J	100	15
7440-28-0	THALLIUM	10	0.22		0.01	0.0099
7440-62-2	VANADIUM	10	26		0.5	0.13
7440-66-6	ZINC	10	190		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA07-01-06
Lab ID: 2205638-218

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.5
Date Collected: 17-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-2
QCBatchID: IP220614-2-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 070SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.005 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6900		15	6.5
7440-36-0	ANTIMONY	10	0.47		0.1	0.031
7440-38-2	ARSENIC	10	21		0.2	0.049
7440-39-3	BARIUM	10	170		0.5	0.23
7440-41-7	BERYLLIUM	10	0.7		0.05	0.009
7440-43-9	CADMIUM	10	0.81		0.2	0.038
7440-70-2	CALCIUM	10	15000		100	18
7440-47-3	CHROMIUM	10	24		1	0.55
7440-48-4	COBALT	10	6.9		0.5	0.043
7440-50-8	COPPER	10	25		2	0.29
7439-89-6	IRON	10	19000		20	11
7439-92-1	LEAD	10	64		0.2	0.066
7439-95-4	MAGNESIUM	10	4900		10	3.3
7439-96-5	MANGANESE	10	520		0.75	0.38
7440-02-0	NICKEL	10	20		2	0.44
7440-09-7	POTASSIUM	10	2600		100	15
7782-49-2	SELENIUM	10	2.1		1	0.22
7440-22-4	SILVER	10	0.47		0.11	0.057
7440-23-5	SODIUM	10	100		100	15
7440-28-0	THALLIUM	10	0.23		0.01	0.0098
7440-62-2	VANADIUM	10	25		0.5	0.13
7440-66-6	ZINC	10	180		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA08-00-01
Lab ID: 2205638-219

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.9
Date Collected: 19-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-2
QCBatchID: IP220614-2-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 071SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7400		15	6.6
7440-36-0	ANTIMONY	10	0.91		0.1	0.031
7440-38-2	ARSENIC	10	44		0.2	0.049
7440-39-3	BARIUM	10	180		0.5	0.23
7440-41-7	BERYLLIUM	10	0.77		0.05	0.0091
7440-43-9	CADMIUM	10	1.7		0.2	0.038
7440-70-2	CALCIUM	10	22000		100	19
7440-47-3	CHROMIUM	10	12		1	0.56
7440-48-4	COBALT	10	8.3		0.5	0.043
7440-50-8	COPPER	10	37		2	0.29
7439-89-6	IRON	10	26000		20	11
7439-92-1	LEAD	10	160		0.2	0.067
7439-95-4	MAGNESIUM	10	5100		10	3.3
7439-96-5	MANGANESE	10	760		0.76	0.38
7440-02-0	NICKEL	10	20		2	0.44
7440-09-7	POTASSIUM	10	2900		100	15
7782-49-2	SELENIUM	10	2.6		1	0.22
7440-22-4	SILVER	10	1.2		0.12	0.058
7440-23-5	SODIUM	10	150		100	15
7440-28-0	THALLIUM	10	0.34		0.01	0.0099
7440-62-2	VANADIUM	10	33		0.5	0.13
7440-66-6	ZINC	10	280		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA08-01-06
Lab ID: 2205638-220

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.8
Date Collected: 19-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-2
QCBatchID: IP220614-2-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 072SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.002 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7700		15	6.6
7440-36-0	ANTIMONY	10	0.81		0.1	0.031
7440-38-2	ARSENIC	10	42		0.2	0.05
7440-39-3	BARIUM	10	180		0.51	0.23
7440-41-7	BERYLLIUM	10	0.89		0.051	0.0091
7440-43-9	CADMIUM	10	1.8		0.2	0.039
7440-70-2	CALCIUM	10	24000		100	19
7440-47-3	CHROMIUM	10	12		1	0.56
7440-48-4	COBALT	10	8.7		0.51	0.044
7440-50-8	COPPER	10	41		2	0.29
7439-89-6	IRON	10	27000		20	11
7439-92-1	LEAD	10	190		0.2	0.067
7439-95-4	MAGNESIUM	10	6700		10	3.4
7439-96-5	MANGANESE	10	830		0.76	0.39
7440-02-0	NICKEL	10	25		2	0.45
7440-09-7	POTASSIUM	10	2400		100	15
7782-49-2	SELENIUM	10	2.7		1	0.23
7440-22-4	SILVER	10	1.3		0.12	0.058
7440-23-5	SODIUM	10	170		100	15
7440-28-0	THALLIUM	10	0.35		0.01	0.01
7440-62-2	VANADIUM	10	32		0.51	0.13
7440-66-6	ZINC	10	290		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA09-00-01
Lab ID: 2205638-221

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 3.1
Date Collected: 19-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-2
QCBatchID: IP220614-2-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 073SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.013 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7000		15	6.6
7440-36-0	ANTIMONY	10	0.93		0.1	0.032
7440-38-2	ARSENIC	10	51		0.2	0.05
7440-39-3	BARIUM	10	200		0.51	0.23
7440-41-7	BERYLLIUM	10	0.8		0.051	0.0092
7440-43-9	CADMIUM	10	1.8		0.2	0.039
7440-70-2	CALCIUM	10	16000		100	19
7440-47-3	CHROMIUM	10	12		1	0.56
7440-48-4	COBALT	10	8.8		0.51	0.044
7440-50-8	COPPER	10	41		2	0.3
7439-89-6	IRON	10	27000		20	11
7439-92-1	LEAD	10	180		0.2	0.067
7439-95-4	MAGNESIUM	10	5100		10	3.4
7439-96-5	MANGANESE	10	810		0.76	0.39
7440-02-0	NICKEL	10	20		2	0.45
7440-09-7	POTASSIUM	10	3000		100	15
7782-49-2	SELENIUM	10	2.5		1	0.23
7440-22-4	SILVER	10	1.3		0.12	0.058
7440-23-5	SODIUM	10	120		100	15
7440-28-0	THALLIUM	10	0.36		0.01	0.01
7440-62-2	VANADIUM	10	33		0.51	0.13
7440-66-6	ZINC	10	340		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA09-01-06
Lab ID: 2205638-222

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 6.1
Date Collected: 19-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-2
QCBatchID: IP220614-2-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 074SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7500		16	6.9
7440-36-0	ANTIMONY	10	0.83		0.11	0.033
7440-38-2	ARSENIC	10	47		0.21	0.052
7440-39-3	BARIUM	10	180		0.53	0.25
7440-41-7	BERYLLIUM	10	0.81		0.053	0.0096
7440-43-9	CADMIUM	10	2.1		0.21	0.04
7440-70-2	CALCIUM	10	17000		110	20
7440-47-3	CHROMIUM	10	11		1.1	0.59
7440-48-4	COBALT	10	12		0.53	0.046
7440-50-8	COPPER	10	38		2.1	0.31
7439-89-6	IRON	10	29000		21	12
7439-92-1	LEAD	10	170		0.21	0.07
7439-95-4	MAGNESIUM	10	4600		11	3.5
7439-96-5	MANGANESE	10	1000		0.8	0.4
7440-02-0	NICKEL	10	28		2.1	0.47
7440-09-7	POTASSIUM	10	2400		110	16
7782-49-2	SELENIUM	10	2.8		1.1	0.24
7440-22-4	SILVER	10	1.3		0.12	0.061
7440-23-5	SODIUM	10	120		110	16
7440-28-0	THALLIUM	10	0.35		0.011	0.01
7440-62-2	VANADIUM	10	31		0.53	0.14
7440-66-6	ZINC	10	320		11	4.4

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA10-00-01
Lab ID: 2205638-223

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 2.0
Date Collected: 19-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-2
QCBatchID: IP220614-2-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 075SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.01 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8000		15	6.6
7440-36-0	ANTIMONY	10	0.87		0.1	0.031
7440-38-2	ARSENIC	10	48		0.2	0.05
7440-39-3	BARIUM	10	210		0.51	0.23
7440-41-7	BERYLLIUM	10	0.75		0.051	0.0091
7440-43-9	CADMIUM	10	1.8		0.2	0.038
7440-70-2	CALCIUM	10	13000		100	19
7440-47-3	CHROMIUM	10	12		1	0.56
7440-48-4	COBALT	10	12		0.51	0.043
7440-50-8	COPPER	10	41		2	0.29
7439-89-6	IRON	10	31000		20	11
7439-92-1	LEAD	10	160		0.2	0.067
7439-95-4	MAGNESIUM	10	4200		10	3.3
7439-96-5	MANGANESE	10	870		0.76	0.38
7440-02-0	NICKEL	10	25		2	0.44
7440-09-7	POTASSIUM	10	2700		100	15
7782-49-2	SELENIUM	10	2.8		1	0.22
7440-22-4	SILVER	10	1.3		0.12	0.058
7440-23-5	SODIUM	10	140		100	15
7440-28-0	THALLIUM	10	0.39		0.01	0.0099
7440-62-2	VANADIUM	10	33		0.51	0.13
7440-66-6	ZINC	10	300		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA10-01-06
Lab ID: 2205638-224

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 3.4
Date Collected: 19-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-2
QCBatchID: IP220614-2-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 076SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.007 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7800		15	6.7
7440-36-0	ANTIMONY	10	0.8		0.1	0.032
7440-38-2	ARSENIC	10	49		0.21	0.05
7440-39-3	BARIUM	10	170		0.51	0.24
7440-41-7	BERYLLIUM	10	0.83		0.051	0.0093
7440-43-9	CADMIUM	10	1.8		0.21	0.039
7440-70-2	CALCIUM	10	18000		100	19
7440-47-3	CHROMIUM	10	12		1	0.57
7440-48-4	COBALT	10	11		0.51	0.044
7440-50-8	COPPER	10	44		2.1	0.3
7439-89-6	IRON	10	33000		21	11
7439-92-1	LEAD	10	210		0.21	0.068
7439-95-4	MAGNESIUM	10	5000		10	3.4
7439-96-5	MANGANESE	10	970		0.77	0.39
7440-02-0	NICKEL	10	27		2.1	0.45
7440-09-7	POTASSIUM	10	2200		100	15
7782-49-2	SELENIUM	10	3.1		1	0.23
7440-22-4	SILVER	10	1.3		0.12	0.059
7440-23-5	SODIUM	10	160		100	15
7440-28-0	THALLIUM	10	0.43		0.01	0.01
7440-62-2	VANADIUM	10	32		0.51	0.13
7440-66-6	ZINC	10	310		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA11-00-01
Lab ID: 2205638-225

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 3.3
Date Collected: 19-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-2
QCBatchID: IP220614-2-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 079SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.009 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7300		15	6.7
7440-36-0	ANTIMONY	10	1.1	N	0.1	0.032
7440-38-2	ARSENIC	10	54		0.21	0.05
7440-39-3	BARIUM	10	190		0.51	0.24
7440-41-7	BERYLLIUM	10	0.72		0.051	0.0092
7440-43-9	CADMIUM	10	1.7		0.21	0.039
7440-70-2	CALCIUM	10	13000		100	19
7440-47-3	CHROMIUM	10	12		1	0.56
7440-48-4	COBALT	10	11		0.51	0.044
7440-50-8	COPPER	10	44		2.1	0.3
7439-89-6	IRON	10	31000		21	11
7439-92-1	LEAD	10	200		0.21	0.068
7439-95-4	MAGNESIUM	10	4000		10	3.4
7439-96-5	MANGANESE	10	870		0.77	0.39
7440-02-0	NICKEL	10	22		2.1	0.45
7440-09-7	POTASSIUM	10	2900		100	15
7782-49-2	SELENIUM	10	3.1		1	0.23
7440-22-4	SILVER	10	1.5		0.12	0.058
7440-23-5	SODIUM	10	150		100	15
7440-28-0	THALLIUM	10	0.38		0.01	0.01
7440-62-2	VANADIUM	10	35		0.51	0.13
7440-66-6	ZINC	10	310		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA11-01-06
Lab ID: 2205638-226

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 4.4
Date Collected: 19-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-3
QCBatchID: IP220614-3-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 088SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.002 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7200		16	6.8
7440-36-0	ANTIMONY	10	1.3	N	0.1	0.032
7440-38-2	ARSENIC	10	68		0.21	0.051
7440-39-3	BARIUM	10	160		0.52	0.24
7440-41-7	BERYLLIUM	10	0.76		0.052	0.0094
7440-43-9	CADMIUM	10	2.3		0.21	0.04
7440-70-2	CALCIUM	10	15000		100	19
7440-47-3	CHROMIUM	10	11		1	0.57
7440-48-4	COBALT	10	12		0.52	0.045
7440-50-8	COPPER	10	50		2.1	0.3
7439-89-6	IRON	10	36000		21	11
7439-92-1	LEAD	10	300		0.21	0.069
7439-95-4	MAGNESIUM	10	4000		10	3.4
7439-96-5	MANGANESE	10	1100		0.78	0.4
7440-02-0	NICKEL	10	28		2.1	0.46
7440-09-7	POTASSIUM	10	2300		100	16
7782-49-2	SELENIUM	10	3.1		1	0.23
7440-22-4	SILVER	10	2.1	N	0.12	0.059
7440-23-5	SODIUM	10	170		100	16
7440-28-0	THALLIUM	10	0.48		0.01	0.01
7440-62-2	VANADIUM	10	35	N	0.52	0.14
7440-66-6	ZINC	10	360		10	4.3

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA12-00-01
Lab ID: 2205638-227

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 2.3
Date Collected: 19-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-3
QCBatchID: IP220614-3-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 093SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.004 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7600		15	6.6
7440-36-0	ANTIMONY	10	1.2		0.1	0.032
7440-38-2	ARSENIC	10	69		0.2	0.05
7440-39-3	BARIUM	10	160		0.51	0.23
7440-41-7	BERYLLIUM	10	0.78		0.051	0.0092
7440-43-9	CADMIUM	10	2.4		0.2	0.039
7440-70-2	CALCIUM	10	12000		100	19
7440-47-3	CHROMIUM	10	13		1	0.56
7440-48-4	COBALT	10	11		0.51	0.044
7440-50-8	COPPER	10	49		2	0.3
7439-89-6	IRON	10	31000		20	11
7439-92-1	LEAD	10	210		0.2	0.067
7439-95-4	MAGNESIUM	10	4600		10	3.4
7439-96-5	MANGANESE	10	980		0.76	0.39
7440-02-0	NICKEL	10	22		2	0.45
7440-09-7	POTASSIUM	10	3000		100	15
7782-49-2	SELENIUM	10	2.9		1	0.23
7440-22-4	SILVER	10	1.6		0.12	0.058
7440-23-5	SODIUM	10	160		100	15
7440-28-0	THALLIUM	10	0.39		0.01	0.01
7440-62-2	VANADIUM	10	39		0.51	0.13
7440-66-6	ZINC	10	400		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA12-00-01-DUP
Lab ID: 2205638-228

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.3
Date Collected: 19-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-3
QCBatchID: IP220614-3-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 094SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.014 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7400		15	6.5
7440-36-0	ANTIMONY	10	1.2		0.1	0.031
7440-38-2	ARSENIC	10	59		0.2	0.049
7440-39-3	BARIUM	10	170		0.5	0.23
7440-41-7	BERYLLIUM	10	0.78		0.05	0.009
7440-43-9	CADMIUM	10	1.8		0.2	0.038
7440-70-2	CALCIUM	10	16000		100	18
7440-47-3	CHROMIUM	10	13		1	0.55
7440-48-4	COBALT	10	11		0.5	0.043
7440-50-8	COPPER	10	43		2	0.29
7439-89-6	IRON	10	30000		20	11
7439-92-1	LEAD	10	180		0.2	0.066
7439-95-4	MAGNESIUM	10	5200		10	3.3
7439-96-5	MANGANESE	10	860		0.75	0.38
7440-02-0	NICKEL	10	24		2	0.44
7440-09-7	POTASSIUM	10	2700		100	15
7782-49-2	SELENIUM	10	2.9		1	0.22
7440-22-4	SILVER	10	1.3		0.11	0.057
7440-23-5	SODIUM	10	170		100	15
7440-28-0	THALLIUM	10	0.37		0.01	0.0098
7440-62-2	VANADIUM	10	38		0.5	0.13
7440-66-6	ZINC	10	330		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA12-00-01-TRI
Lab ID: 2205638-229

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.4
Date Collected: 19-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-3
QCBatchID: IP220614-3-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 095SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.005 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7300		15	6.6
7440-36-0	ANTIMONY	10	1.3		0.1	0.031
7440-38-2	ARSENIC	10	68		0.2	0.049
7440-39-3	BARIUM	10	160		0.5	0.23
7440-41-7	BERYLLIUM	10	0.77		0.05	0.0091
7440-43-9	CADMIUM	10	2.3		0.2	0.038
7440-70-2	CALCIUM	10	13000		100	19
7440-47-3	CHROMIUM	10	13		1	0.55
7440-48-4	COBALT	10	10		0.5	0.043
7440-50-8	COPPER	10	48		2	0.29
7439-89-6	IRON	10	30000		20	11
7439-92-1	LEAD	10	190		0.2	0.067
7439-95-4	MAGNESIUM	10	4700		10	3.3
7439-96-5	MANGANESE	10	950		0.76	0.38
7440-02-0	NICKEL	10	21		2	0.44
7440-09-7	POTASSIUM	10	3000		100	15
7782-49-2	SELENIUM	10	2.8		1	0.22
7440-22-4	SILVER	10	1.5		0.12	0.058
7440-23-5	SODIUM	10	150		100	15
7440-28-0	THALLIUM	10	0.37		0.01	0.0099
7440-62-2	VANADIUM	10	39		0.5	0.13
7440-66-6	ZINC	10	390		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA12-01-06
Lab ID: 2205638-230

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 4.8
Date Collected: 19-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-3
QCBatchID: IP220614-3-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 098SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.014 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7700		16	6.7
7440-36-0	ANTIMONY	10	0.9		0.1	0.032
7440-38-2	ARSENIC	10	53		0.21	0.051
7440-39-3	BARIUM	10	130		0.52	0.24
7440-41-7	BERYLLIUM	10	0.83		0.052	0.0093
7440-43-9	CADMIUM	10	1.8		0.21	0.039
7440-70-2	CALCIUM	10	19000		100	19
7440-47-3	CHROMIUM	10	12		1	0.57
7440-48-4	COBALT	10	10		0.52	0.045
7440-50-8	COPPER	10	43		2.1	0.3
7439-89-6	IRON	10	29000		21	11
7439-92-1	LEAD	10	170		0.21	0.068
7439-95-4	MAGNESIUM	10	6100		10	3.4
7439-96-5	MANGANESE	10	840		0.78	0.39
7440-02-0	NICKEL	10	26		2.1	0.46
7440-09-7	POTASSIUM	10	2200		100	16
7782-49-2	SELENIUM	10	2.9		1	0.23
7440-22-4	SILVER	10	1.9		0.12	0.059
7440-23-5	SODIUM	10	270		100	16
7440-28-0	THALLIUM	10	0.35		0.01	0.01
7440-62-2	VANADIUM	10	34		0.52	0.13
7440-66-6	ZINC	10	300		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA12-01-06-DUP
Lab ID: 2205638-231

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 2.8
Date Collected: 19-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-3
QCBatchID: IP220614-3-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 099SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.012 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7700		15	6.6
7440-36-0	ANTIMONY	10	0.85		0.1	0.032
7440-38-2	ARSENIC	10	44		0.2	0.05
7440-39-3	BARIUM	10	130		0.51	0.23
7440-41-7	BERYLLIUM	10	0.84		0.051	0.0092
7440-43-9	CADMIUM	10	1.5		0.2	0.039
7440-70-2	CALCIUM	10	25000		100	19
7440-47-3	CHROMIUM	10	12		1	0.56
7440-48-4	COBALT	10	11		0.51	0.044
7440-50-8	COPPER	10	43		2	0.29
7439-89-6	IRON	10	30000		20	11
7439-92-1	LEAD	10	140		0.2	0.067
7439-95-4	MAGNESIUM	10	6500		10	3.4
7439-96-5	MANGANESE	10	830		0.76	0.39
7440-02-0	NICKEL	10	31		2	0.45
7440-09-7	POTASSIUM	10	2100		100	15
7782-49-2	SELENIUM	10	3.2		1	0.23
7440-22-4	SILVER	10	0.93		0.12	0.058
7440-23-5	SODIUM	10	280		100	15
7440-28-0	THALLIUM	10	0.35		0.01	0.01
7440-62-2	VANADIUM	10	32		0.51	0.13
7440-66-6	ZINC	10	240		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA12-01-06-TRI
Lab ID: 2205638-232

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.9
Date Collected: 19-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-3
QCBatchID: IP220614-3-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 100SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.006 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8200		15	6.5
7440-36-0	ANTIMONY	10	0.93		0.1	0.031
7440-38-2	ARSENIC	10	57		0.2	0.049
7440-39-3	BARIUM	10	130		0.5	0.23
7440-41-7	BERYLLIUM	10	0.85		0.05	0.009
7440-43-9	CADMIUM	10	2.2		0.2	0.038
7440-70-2	CALCIUM	10	18000		100	19
7440-47-3	CHROMIUM	10	13		1	0.55
7440-48-4	COBALT	10	11		0.5	0.043
7440-50-8	COPPER	10	48		2	0.29
7439-89-6	IRON	10	32000		20	11
7439-92-1	LEAD	10	190		0.2	0.066
7439-95-4	MAGNESIUM	10	5600		10	3.3
7439-96-5	MANGANESE	10	940		0.75	0.38
7440-02-0	NICKEL	10	31		2	0.44
7440-09-7	POTASSIUM	10	2300		100	15
7782-49-2	SELENIUM	10	3		1	0.22
7440-22-4	SILVER	10	1.2		0.11	0.057
7440-23-5	SODIUM	10	250		100	15
7440-28-0	THALLIUM	10	0.38		0.01	0.0098
7440-62-2	VANADIUM	10	35		0.5	0.13
7440-66-6	ZINC	10	340		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA13-00-01
Lab ID: 2205638-233

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.6
Date Collected: 19-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-3
QCBatchID: IP220614-3-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 101SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8200		15	6.6
7440-36-0	ANTIMONY	10	0.77		0.1	0.032
7440-38-2	ARSENIC	10	43		0.2	0.05
7440-39-3	BARIUM	10	200		0.51	0.23
7440-41-7	BERYLLIUM	10	0.88		0.051	0.0092
7440-43-9	CADMIUM	10	1.5		0.2	0.039
7440-70-2	CALCIUM	10	16000		100	19
7440-47-3	CHROMIUM	10	14		1	0.56
7440-48-4	COBALT	10	9.6		0.51	0.044
7440-50-8	COPPER	10	41		2	0.29
7439-89-6	IRON	10	27000		20	11
7439-92-1	LEAD	10	130		0.2	0.067
7439-95-4	MAGNESIUM	10	5200		10	3.4
7439-96-5	MANGANESE	10	800		0.76	0.39
7440-02-0	NICKEL	10	21		2	0.45
7440-09-7	POTASSIUM	10	2900		100	15
7782-49-2	SELENIUM	10	2.8		1	0.23
7440-22-4	SILVER	10	0.93		0.12	0.058
7440-23-5	SODIUM	10	140		100	15
7440-28-0	THALLIUM	10	0.33		0.01	0.01
7440-62-2	VANADIUM	10	34		0.51	0.13
7440-66-6	ZINC	10	300		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA13-00-01-DUP
Lab ID: 2205638-234

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 2.1
Date Collected: 19-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-3
QCBatchID: IP220614-3-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 102SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7100		15	6.6
7440-36-0	ANTIMONY	10	0.75		0.1	0.032
7440-38-2	ARSENIC	10	42		0.2	0.05
7440-39-3	BARIUM	10	150		0.51	0.23
7440-41-7	BERYLLIUM	10	0.76		0.051	0.0092
7440-43-9	CADMIUM	10	1.4		0.2	0.039
7440-70-2	CALCIUM	10	17000		100	19
7440-47-3	CHROMIUM	10	18		1	0.56
7440-48-4	COBALT	10	8.4		0.51	0.044
7440-50-8	COPPER	10	41		2	0.3
7439-89-6	IRON	10	25000		20	11
7439-92-1	LEAD	10	130		0.2	0.067
7439-95-4	MAGNESIUM	10	4800		10	3.4
7439-96-5	MANGANESE	10	700		0.77	0.39
7440-02-0	NICKEL	10	20		2	0.45
7440-09-7	POTASSIUM	10	2400		100	15
7782-49-2	SELENIUM	10	2.5		1	0.23
7440-22-4	SILVER	10	0.98		0.12	0.058
7440-23-5	SODIUM	10	160		100	15
7440-28-0	THALLIUM	10	0.31		0.01	0.01
7440-62-2	VANADIUM	10	33		0.51	0.13
7440-66-6	ZINC	10	330		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA13-00-01-TRI
Lab ID: 2205638-235

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.0
Date Collected: 19-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-3
QCBatchID: IP220614-3-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 103SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.001 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7400		15	6.6
7440-36-0	ANTIMONY	10	1.2		0.1	0.031
7440-38-2	ARSENIC	10	70		0.2	0.049
7440-39-3	BARIUM	10	160		0.5	0.23
7440-41-7	BERYLLIUM	10	0.78		0.05	0.0091
7440-43-9	CADMIUM	10	2.3		0.2	0.038
7440-70-2	CALCIUM	10	14000		100	19
7440-47-3	CHROMIUM	10	14		1	0.56
7440-48-4	COBALT	10	8.7		0.5	0.043
7440-50-8	COPPER	10	45		2	0.29
7439-89-6	IRON	10	28000		20	11
7439-92-1	LEAD	10	190		0.2	0.067
7439-95-4	MAGNESIUM	10	4300		10	3.3
7439-96-5	MANGANESE	10	870		0.76	0.38
7440-02-0	NICKEL	10	20		2	0.44
7440-09-7	POTASSIUM	10	2500		100	15
7782-49-2	SELENIUM	10	2.7		1	0.22
7440-22-4	SILVER	10	1.5		0.12	0.058
7440-23-5	SODIUM	10	160		100	15
7440-28-0	THALLIUM	10	0.36		0.01	0.0099
7440-62-2	VANADIUM	10	38		0.5	0.13
7440-66-6	ZINC	10	470		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA13-01-06
Lab ID: 2205638-236

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.9
Date Collected: 19-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-3
QCBatchID: IP220614-3-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 104SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.001 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8100		15	6.6
7440-36-0	ANTIMONY	10	0.85		0.1	0.032
7440-38-2	ARSENIC	10	46		0.2	0.05
7440-39-3	BARIUM	10	200		0.51	0.23
7440-41-7	BERYLLIUM	10	0.96		0.051	0.0092
7440-43-9	CADMIUM	10	1.1		0.2	0.039
7440-70-2	CALCIUM	10	16000		100	19
7440-47-3	CHROMIUM	10	15		1	0.56
7440-48-4	COBALT	10	8.7		0.51	0.044
7440-50-8	COPPER	10	31		2	0.3
7439-89-6	IRON	10	24000		20	11
7439-92-1	LEAD	10	110		0.2	0.067
7439-95-4	MAGNESIUM	10	4700		10	3.4
7439-96-5	MANGANESE	10	640		0.76	0.39
7440-02-0	NICKEL	10	35		2	0.45
7440-09-7	POTASSIUM	10	2400		100	15
7782-49-2	SELENIUM	10	2.8		1	0.23
7440-22-4	SILVER	10	0.76		0.12	0.058
7440-23-5	SODIUM	10	130		100	15
7440-28-0	THALLIUM	10	0.33		0.01	0.01
7440-62-2	VANADIUM	10	38		0.51	0.13
7440-66-6	ZINC	10	210		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA13-01-06-DUP
Lab ID: 2205638-237

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.9
Date Collected: 19-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-4
QCBatchID: IP220614-4-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 110SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.013 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7100		15	6.5
7440-36-0	ANTIMONY	10	0.73		0.1	0.031
7440-38-2	ARSENIC	10	33		0.2	0.049
7440-39-3	BARIUM	10	160		0.5	0.23
7440-41-7	BERYLLIUM	10	0.84		0.05	0.009
7440-43-9	CADMIUM	10	1.2		0.2	0.038
7440-70-2	CALCIUM	10	24000		100	18
7440-47-3	CHROMIUM	10	13		1	0.55
7440-48-4	COBALT	10	8.4		0.5	0.043
7440-50-8	COPPER	10	36		2	0.29
7439-89-6	IRON	10	24000		20	11
7439-92-1	LEAD	10	120		0.2	0.066
7439-95-4	MAGNESIUM	10	7000		10	3.3
7439-96-5	MANGANESE	10	680		0.75	0.38
7440-02-0	NICKEL	10	25		2	0.44
7440-09-7	POTASSIUM	10	2100		100	15
7782-49-2	SELENIUM	10	2.5		1	0.22
7440-22-4	SILVER	10	0.68		0.11	0.057
7440-23-5	SODIUM	10	180		100	15
7440-28-0	THALLIUM	10	0.29		0.01	0.0098
7440-62-2	VANADIUM	10	29		0.5	0.13
7440-66-6	ZINC	10	300		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA13-01-06-TRI
Lab ID: 2205638-238

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.8
Date Collected: 19-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-4
QCBatchID: IP220614-4-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 111SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.003 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7300		15	6.6
7440-36-0	ANTIMONY	10	0.77		0.1	0.031
7440-38-2	ARSENIC	10	42		0.2	0.05
7440-39-3	BARIUM	10	180		0.51	0.23
7440-41-7	BERYLLIUM	10	0.81		0.051	0.0091
7440-43-9	CADMIUM	10	1.5		0.2	0.039
7440-70-2	CALCIUM	10	19000		100	19
7440-47-3	CHROMIUM	10	13		1	0.56
7440-48-4	COBALT	10	8.9		0.51	0.044
7440-50-8	COPPER	10	41		2	0.29
7439-89-6	IRON	10	25000		20	11
7439-92-1	LEAD	10	130		0.2	0.067
7439-95-4	MAGNESIUM	10	5600		10	3.3
7439-96-5	MANGANESE	10	730		0.76	0.39
7440-02-0	NICKEL	10	28		2	0.45
7440-09-7	POTASSIUM	10	2200		100	15
7782-49-2	SELENIUM	10	2.6		1	0.23
7440-22-4	SILVER	10	0.93		0.12	0.058
7440-23-5	SODIUM	10	200		100	15
7440-28-0	THALLIUM	10	0.33		0.01	0.0099
7440-62-2	VANADIUM	10	32		0.51	0.13
7440-66-6	ZINC	10	410		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA14-00-01
Lab ID: 2205638-239

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.3
Date Collected: 19-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-4
QCBatchID: IP220614-4-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 112SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.01 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6500		15	6.5
7440-36-0	ANTIMONY	10	0.45		0.1	0.031
7440-38-2	ARSENIC	10	52		0.2	0.049
7440-39-3	BARIUM	10	150		0.5	0.23
7440-41-7	BERYLLIUM	10	0.66		0.05	0.009
7440-43-9	CADMIUM	10	0.76		0.2	0.038
7440-70-2	CALCIUM	10	8000		100	19
7440-47-3	CHROMIUM	10	22		1	0.55
7440-48-4	COBALT	10	5.2		0.5	0.043
7440-50-8	COPPER	10	22		2	0.29
7439-89-6	IRON	10	14000		20	11
7439-92-1	LEAD	10	68		0.2	0.066
7439-95-4	MAGNESIUM	10	2600		10	3.3
7439-96-5	MANGANESE	10	370		0.75	0.38
7440-02-0	NICKEL	10	11		2	0.44
7440-09-7	POTASSIUM	10	2300		100	15
7782-49-2	SELENIUM	10	2.1		1	0.22
7440-22-4	SILVER	10	0.35		0.11	0.057
7440-23-5	SODIUM	10	68	J	100	15
7440-28-0	THALLIUM	10	0.2		0.01	0.0098
7440-62-2	VANADIUM	10	21		0.5	0.13
7440-66-6	ZINC	10	120		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA14-00-01-DUP
Lab ID: 2205638-240

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.9
Date Collected: 19-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-4
QCBatchID: IP220614-4-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 113SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.002 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7500		15	6.5
7440-36-0	ANTIMONY	10	0.53		0.1	0.031
7440-38-2	ARSENIC	10	27		0.2	0.049
7440-39-3	BARIUM	10	180		0.5	0.23
7440-41-7	BERYLLIUM	10	0.81		0.05	0.0091
7440-43-9	CADMIUM	10	0.83		0.2	0.038
7440-70-2	CALCIUM	10	12000		100	19
7440-47-3	CHROMIUM	10	14		1	0.55
7440-48-4	COBALT	10	6.7		0.5	0.043
7440-50-8	COPPER	10	25		2	0.29
7439-89-6	IRON	10	19000		20	11
7439-92-1	LEAD	10	68		0.2	0.066
7439-95-4	MAGNESIUM	10	4300		10	3.3
7439-96-5	MANGANESE	10	520		0.76	0.38
7440-02-0	NICKEL	10	15		2	0.44
7440-09-7	POTASSIUM	10	2700		100	15
7782-49-2	SELENIUM	10	2.4		1	0.22
7440-22-4	SILVER	10	0.42		0.11	0.057
7440-23-5	SODIUM	10	99	J	100	15
7440-28-0	THALLIUM	10	0.25		0.01	0.0099
7440-62-2	VANADIUM	10	25		0.5	0.13
7440-66-6	ZINC	10	160		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA14-00-01-TRI
Lab ID: 2205638-241

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.2
Date Collected: 19-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-4
QCBatchID: IP220614-4-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 114SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.003 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6800		15	6.6
7440-36-0	ANTIMONY	10	0.57		0.1	0.031
7440-38-2	ARSENIC	10	59		0.2	0.049
7440-39-3	BARIUM	10	160		0.5	0.23
7440-41-7	BERYLLIUM	10	0.66		0.05	0.0091
7440-43-9	CADMIUM	10	0.83		0.2	0.038
7440-70-2	CALCIUM	10	8500		100	19
7440-47-3	CHROMIUM	10	23		1	0.56
7440-48-4	COBALT	10	5.5		0.5	0.043
7440-50-8	COPPER	10	23		2	0.29
7439-89-6	IRON	10	15000		20	11
7439-92-1	LEAD	10	75		0.2	0.067
7439-95-4	MAGNESIUM	10	2800		10	3.3
7439-96-5	MANGANESE	10	400		0.76	0.38
7440-02-0	NICKEL	10	11		2	0.44
7440-09-7	POTASSIUM	10	2300		100	15
7782-49-2	SELENIUM	10	2		1	0.22
7440-22-4	SILVER	10	0.39		0.12	0.058
7440-23-5	SODIUM	10	71	J	100	15
7440-28-0	THALLIUM	10	0.2		0.01	0.0099
7440-62-2	VANADIUM	10	23		0.5	0.13
7440-66-6	ZINC	10	140		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA14-01-06
Lab ID: 2205638-243

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 4.8
Date Collected: 19-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-4
QCBatchID: IP220614-4-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 115SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.004 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6600		16	6.8
7440-36-0	ANTIMONY	10	0.33		0.1	0.032
7440-38-2	ARSENIC	10	18		0.21	0.051
7440-39-3	BARIUM	10	140		0.52	0.24
7440-41-7	BERYLLIUM	10	0.59		0.052	0.0094
7440-43-9	CADMIUM	10	0.64		0.21	0.04
7440-70-2	CALCIUM	10	10000		100	19
7440-47-3	CHROMIUM	10	9.7		1	0.58
7440-48-4	COBALT	10	6.8		0.52	0.045
7440-50-8	COPPER	10	21		2.1	0.3
7439-89-6	IRON	10	17000		21	12
7439-92-1	LEAD	10	58		0.21	0.069
7439-95-4	MAGNESIUM	10	3400		10	3.5
7439-96-5	MANGANESE	10	440		0.78	0.4
7440-02-0	NICKEL	10	14		2.1	0.46
7440-09-7	POTASSIUM	10	2100		100	16
7782-49-2	SELENIUM	10	1.9		1	0.23
7440-22-4	SILVER	10	0.25		0.12	0.06
7440-23-5	SODIUM	10	110		100	16
7440-28-0	THALLIUM	10	0.21		0.01	0.01
7440-62-2	VANADIUM	10	22		0.52	0.14
7440-66-6	ZINC	10	120		10	4.3

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA14-01-06-DUP
Lab ID: 2205638-244

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.9
Date Collected: 19-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-4
QCBatchID: IP220614-4-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 116SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.016 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7900		15	6.5
7440-36-0	ANTIMONY	10	0.53		0.099	0.031
7440-38-2	ARSENIC	10	25		0.2	0.049
7440-39-3	BARIUM	10	190		0.5	0.23
7440-41-7	BERYLLIUM	10	0.91		0.05	0.0089
7440-43-9	CADMIUM	10	0.94		0.2	0.038
7440-70-2	CALCIUM	10	16000		99	18
7440-47-3	CHROMIUM	10	13		0.99	0.55
7440-48-4	COBALT	10	8		0.5	0.043
7440-50-8	COPPER	10	31		2	0.29
7439-89-6	IRON	10	22000		20	11
7439-92-1	LEAD	10	83		0.2	0.066
7439-95-4	MAGNESIUM	10	5600		9.9	3.3
7439-96-5	MANGANESE	10	630		0.75	0.38
7440-02-0	NICKEL	10	22		2	0.44
7440-09-7	POTASSIUM	10	2100		99	15
7782-49-2	SELENIUM	10	2.6		0.99	0.22
7440-22-4	SILVER	10	0.47		0.11	0.057
7440-23-5	SODIUM	10	110		99	15
7440-28-0	THALLIUM	10	0.28		0.0099	0.0097
7440-62-2	VANADIUM	10	27		0.5	0.13
7440-66-6	ZINC	10	170		9.9	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA14-01-06-TRI
Lab ID: 2205638-245

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.2
Date Collected: 19-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-4
QCBatchID: IP220614-4-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 119SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7900		15	6.6
7440-36-0	ANTIMONY	10	0.5		0.1	0.031
7440-38-2	ARSENIC	10	27		0.2	0.05
7440-39-3	BARIUM	10	190		0.51	0.23
7440-41-7	BERYLLIUM	10	0.93		0.051	0.0091
7440-43-9	CADMIUM	10	0.91		0.2	0.038
7440-70-2	CALCIUM	10	15000		100	19
7440-47-3	CHROMIUM	10	14		1	0.56
7440-48-4	COBALT	10	7.6		0.51	0.044
7440-50-8	COPPER	10	26		2	0.29
7439-89-6	IRON	10	20000		20	11
7439-92-1	LEAD	10	72		0.2	0.067
7439-95-4	MAGNESIUM	10	5500		10	3.3
7439-96-5	MANGANESE	10	600		0.76	0.38
7440-02-0	NICKEL	10	18		2	0.45
7440-09-7	POTASSIUM	10	2100		100	15
7782-49-2	SELENIUM	10	2.6		1	0.22
7440-22-4	SILVER	10	0.42		0.12	0.058
7440-23-5	SODIUM	10	100		100	15
7440-28-0	THALLIUM	10	0.27		0.01	0.0099
7440-62-2	VANADIUM	10	26		0.51	0.13
7440-66-6	ZINC	10	160		10	4.2

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-FB01
Lab ID: 2205638-246

Analysis ReqCode: TAL 6020/7470

Sample Matrix: WATER
% Moisture: N/A
Date Collected: 16-May-22
Date Extracted: 09-Jun-22
Date Analyzed: 10-Jun-22
Prep Method: SW3010 Rev A

Prep Batch: IP220609-2
QCBatchID: IP220609-2-2
Run ID: IM220610-11A3
Cleanup: NONE
Basis: As Received
File Name: 175SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 50 ml
Final Volume: 50 ml
Result Units: MG/L
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	0.029	U	0.1	0.029
7440-36-0	ANTIMONY	10	0.00016	U	0.001	0.00016
7440-38-2	ARSENIC	10	0.00022	U	0.002	0.00022
7440-39-3	BARIUM	10	0.0019	U	0.005	0.0019
7440-41-7	BERYLLIUM	10	0.000046	U	0.0005	0.000046
7440-43-9	CADMIUM	10	0.00036	U	0.002	0.00036
7440-70-2	CALCIUM	10	0.14	J	1	0.12
7440-47-3	CHROMIUM	10	0.00092	U	0.01	0.00092
7440-48-4	COBALT	10	0.00029	U	0.005	0.00029
7440-50-8	COPPER	10	0.0019	U	0.02	0.0019
7439-89-6	IRON	10	0.022	U	0.1	0.022
7439-92-1	LEAD	10	0.00027	U	0.002	0.00027
7439-95-4	MAGNESIUM	10	0.025	U	0.1	0.025
7439-96-5	MANGANESE	10	0.00056	J	0.01	0.00036
7440-02-0	NICKEL	10	0.0045	U	0.02	0.0045
7440-09-7	POTASSIUM	10	0.098	U	1	0.098
7782-49-2	SELENIUM	10	0.0027	U	0.01	0.0027
7440-22-4	SILVER	10	0.000066	U	0.0005	0.000066
7440-23-5	SODIUM	10	0.21	J	1	0.061
7440-28-0	THALLIUM	10	0.000017	U	0.00015	0.000017
7440-62-2	VANADIUM	10	0.00075	U	0.005	0.00075
7440-66-6	ZINC	10	0.017	U	0.1	0.017

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-HOUSE-00-01
Lab ID: 2205638-247

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.0
Date Collected: 17-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-4
QCBatchID: IP220614-4-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 120SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.008 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8100		15	6.5
7440-36-0	ANTIMONY	10	1.1		0.1	0.031
7440-38-2	ARSENIC	10	49		0.2	0.049
7440-39-3	BARIUM	10	210		0.5	0.23
7440-41-7	BERYLLIUM	10	0.84		0.05	0.009
7440-43-9	CADMIUM	10	2.2		0.2	0.038
7440-70-2	CALCIUM	10	9100		100	19
7440-47-3	CHROMIUM	10	21		1	0.55
7440-48-4	COBALT	10	7.7		0.5	0.043
7440-50-8	COPPER	10	40		2	0.29
7439-89-6	IRON	10	26000		20	11
7439-92-1	LEAD	10	210		0.2	0.066
7439-95-4	MAGNESIUM	10	2800		10	3.3
7439-96-5	MANGANESE	10	850		0.75	0.38
7440-02-0	NICKEL	10	18		2	0.44
7440-09-7	POTASSIUM	10	4600		100	15
7782-49-2	SELENIUM	10	2.7		1	0.22
7440-22-4	SILVER	10	1.3		0.11	0.057
7440-23-5	SODIUM	10	170		100	15
7440-28-0	THALLIUM	10	0.34		0.01	0.0098
7440-62-2	VANADIUM	10	37		0.5	0.13
7440-66-6	ZINC	10	410		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-HOUSE-01-06
Lab ID: 2205638-250

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 0.9
Date Collected: 17-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-4
QCBatchID: IP220614-4-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 121SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.002 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8600		15	6.5
7440-36-0	ANTIMONY	10	1.2		0.1	0.031
7440-38-2	ARSENIC	10	52		0.2	0.049
7440-39-3	BARIUM	10	210		0.5	0.23
7440-41-7	BERYLLIUM	10	0.87		0.05	0.0091
7440-43-9	CADMIUM	10	2.2		0.2	0.038
7440-70-2	CALCIUM	10	8200		100	19
7440-47-3	CHROMIUM	10	26		1	0.55
7440-48-4	COBALT	10	8		0.5	0.043
7440-50-8	COPPER	10	40		2	0.29
7439-89-6	IRON	10	28000		20	11
7439-92-1	LEAD	10	210		0.2	0.066
7439-95-4	MAGNESIUM	10	2800		10	3.3
7439-96-5	MANGANESE	10	890		0.76	0.38
7440-02-0	NICKEL	10	21		2	0.44
7440-09-7	POTASSIUM	10	4400		100	15
7782-49-2	SELENIUM	10	2.7		1	0.22
7440-22-4	SILVER	10	1.2		0.11	0.057
7440-23-5	SODIUM	10	180		100	15
7440-28-0	THALLIUM	10	0.34		0.01	0.0099
7440-62-2	VANADIUM	10	39		0.5	0.13
7440-66-6	ZINC	10	420		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-RB01
Lab ID: 2205638-251

Analysis ReqCode: TAL 6020/7470

Sample Matrix: WATER
% Moisture: N/A
Date Collected: 16-May-22
Date Extracted: 09-Jun-22
Date Analyzed: 10-Jun-22
Prep Method: SW3010 Rev A

Prep Batch: IP220609-2
QCBatchID: IP220609-2-2
Run ID: IM220610-11A3
Cleanup: NONE
Basis: As Received
File Name: 176SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 50 ml
Final Volume: 50 ml
Result Units: MG/L
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	0.029	U	0.1	0.029
7440-36-0	ANTIMONY	10	0.00016	U	0.001	0.00016
7440-38-2	ARSENIC	10	0.00022	U	0.002	0.00022
7440-39-3	BARIUM	10	0.0019	U	0.005	0.0019
7440-41-7	BERYLLIUM	10	0.000046	U	0.0005	0.000046
7440-43-9	CADMIUM	10	0.00036	U	0.002	0.00036
7440-70-2	CALCIUM	10	0.12	U	1	0.12
7440-47-3	CHROMIUM	10	0.0038	J	0.01	0.00092
7440-48-4	COBALT	10	0.00029	U	0.005	0.00029
7440-50-8	COPPER	10	0.0019	U	0.02	0.0019
7439-89-6	IRON	10	0.073	J	0.1	0.022
7439-92-1	LEAD	10	0.00043	J	0.002	0.00027
7439-95-4	MAGNESIUM	10	0.025	U	0.1	0.025
7439-96-5	MANGANESE	10	0.004	J	0.01	0.00036
7440-02-0	NICKEL	10	0.0065	J	0.02	0.0045
7440-09-7	POTASSIUM	10	0.098	U	1	0.098
7782-49-2	SELENIUM	10	0.0027	U	0.01	0.0027
7440-22-4	SILVER	10	0.000066	U	0.0005	0.000066
7440-23-5	SODIUM	10	0.14	J	1	0.061
7440-28-0	THALLIUM	10	0.000017	U	0.00015	0.000017
7440-62-2	VANADIUM	10	0.00075	U	0.005	0.00075
7440-66-6	ZINC	10	0.017	U	0.1	0.017

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-RB02
Lab ID: 2205638-252

Analysis ReqCode: TAL 6020/7470

Sample Matrix: WATER
% Moisture: N/A
Date Collected: 17-May-22
Date Extracted: 09-Jun-22
Date Analyzed: 10-Jun-22
Prep Method: SW3010 Rev A

Prep Batch: IP220609-2
QCBatchID: IP220609-2-2
Run ID: IM220610-11A3
Cleanup: NONE
Basis: As Received
File Name: 177SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 50 ml
Final Volume: 50 ml
Result Units: MG/L
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	0.029	U	0.1	0.029
7440-36-0	ANTIMONY	10	0.00016	U	0.001	0.00016
7440-38-2	ARSENIC	10	0.00022	U	0.002	0.00022
7440-39-3	BARIUM	10	0.0019	U	0.005	0.0019
7440-41-7	BERYLLIUM	10	0.000046	U	0.0005	0.000046
7440-43-9	CADMIUM	10	0.00036	U	0.002	0.00036
7440-70-2	CALCIUM	10	0.27	J	1	0.12
7440-47-3	CHROMIUM	10	0.00092	U	0.01	0.00092
7440-48-4	COBALT	10	0.00029	U	0.005	0.00029
7440-50-8	COPPER	10	0.0019	U	0.02	0.0019
7439-89-6	IRON	10	0.2		0.1	0.022
7439-92-1	LEAD	10	0.00027	U	0.002	0.00027
7439-95-4	MAGNESIUM	10	0.025	U	0.1	0.025
7439-96-5	MANGANESE	10	0.003	J	0.01	0.00036
7440-02-0	NICKEL	10	0.0098	J	0.02	0.0045
7440-09-7	POTASSIUM	10	0.098	U	1	0.098
7782-49-2	SELENIUM	10	0.0027	U	0.01	0.0027
7440-22-4	SILVER	10	0.000066	U	0.0005	0.000066
7440-23-5	SODIUM	10	0.061	U	1	0.061
7440-28-0	THALLIUM	10	0.000017	U	0.00015	0.000017
7440-62-2	VANADIUM	10	0.00075	U	0.005	0.00075
7440-66-6	ZINC	10	0.017	U	0.1	0.017

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-RB03
Lab ID: 2205638-253

Analysis ReqCode: TAL 6020/7470

Sample Matrix: WATER
% Moisture: N/A
Date Collected: 18-May-22
Date Extracted: 09-Jun-22
Date Analyzed: 10-Jun-22
Prep Method: SW3010 Rev A

Prep Batch: IP220609-2
QCBatchID: IP220609-2-2
Run ID: IM220610-11A3
Cleanup: NONE
Basis: As Received
File Name: 178SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 50 ml
Final Volume: 50 ml
Result Units: MG/L
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	0.029	U	0.1	0.029
7440-36-0	ANTIMONY	10	0.00016	U	0.001	0.00016
7440-38-2	ARSENIC	10	0.00022	U	0.002	0.00022
7440-39-3	BARIUM	10	0.0019	U	0.005	0.0019
7440-41-7	BERYLLIUM	10	0.000046	U	0.0005	0.000046
7440-43-9	CADMIUM	10	0.00036	U	0.002	0.00036
7440-70-2	CALCIUM	10	0.12	U	1	0.12
7440-47-3	CHROMIUM	10	0.001	J	0.01	0.00092
7440-48-4	COBALT	10	0.00029	U	0.005	0.00029
7440-50-8	COPPER	10	0.0019	U	0.02	0.0019
7439-89-6	IRON	10	0.2		0.1	0.022
7439-92-1	LEAD	10	0.00027	U	0.002	0.00027
7439-95-4	MAGNESIUM	10	0.025	U	0.1	0.025
7439-96-5	MANGANESE	10	0.0025	J	0.01	0.00036
7440-02-0	NICKEL	10	0.011	J	0.02	0.0045
7440-09-7	POTASSIUM	10	0.098	U	1	0.098
7782-49-2	SELENIUM	10	0.0027	U	0.01	0.0027
7440-22-4	SILVER	10	0.000066	U	0.0005	0.000066
7440-23-5	SODIUM	10	0.061	U	1	0.061
7440-28-0	THALLIUM	10	0.000017	U	0.00015	0.000017
7440-62-2	VANADIUM	10	0.00075	U	0.005	0.00075
7440-66-6	ZINC	10	0.017	U	0.1	0.017

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-RB04
Lab ID: 2205638-254

Analysis ReqCode: TAL 6020/7470

Sample Matrix: WATER
% Moisture: N/A
Date Collected: 19-May-22
Date Extracted: 09-Jun-22
Date Analyzed: 10-Jun-22
Prep Method: SW3010 Rev A

Prep Batch: IP220609-2
QCBatchID: IP220609-2-2
Run ID: IM220610-11A3
Cleanup: NONE
Basis: As Received
File Name: 179SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 50 ml
Final Volume: 50 ml
Result Units: MG/L
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	0.029	U	0.1	0.029
7440-36-0	ANTIMONY	10	0.00016	U	0.001	0.00016
7440-38-2	ARSENIC	10	0.00022	U	0.002	0.00022
7440-39-3	BARIUM	10	0.0019	U	0.005	0.0019
7440-41-7	BERYLLIUM	10	0.000046	U	0.0005	0.000046
7440-43-9	CADMIUM	10	0.00036	U	0.002	0.00036
7440-70-2	CALCIUM	10	0.12	U	1	0.12
7440-47-3	CHROMIUM	10	0.00092	U	0.01	0.00092
7440-48-4	COBALT	10	0.00029	U	0.005	0.00029
7440-50-8	COPPER	10	0.0019	U	0.02	0.0019
7439-89-6	IRON	10	0.098	J	0.1	0.022
7439-92-1	LEAD	10	0.00027	U	0.002	0.00027
7439-95-4	MAGNESIUM	10	0.025	U	0.1	0.025
7439-96-5	MANGANESE	10	0.0013	J	0.01	0.00036
7440-02-0	NICKEL	10	0.012	J	0.02	0.0045
7440-09-7	POTASSIUM	10	0.098	U	1	0.098
7782-49-2	SELENIUM	10	0.0027	U	0.01	0.0027
7440-22-4	SILVER	10	0.000066	U	0.0005	0.000066
7440-23-5	SODIUM	10	0.061	U	1	0.061
7440-28-0	THALLIUM	10	0.000017	U	0.00015	0.000017
7440-62-2	VANADIUM	10	0.00075	U	0.005	0.00075
7440-66-6	ZINC	10	0.017	U	0.1	0.017

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-VACANT-00-01
Lab ID: 2205638-255

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 2.0
Date Collected: 17-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-4
QCBatchID: IP220614-4-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 122SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.011 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8600		15	6.6
7440-36-0	ANTIMONY	10	1.1		0.1	0.031
7440-38-2	ARSENIC	10	60		0.2	0.049
7440-39-3	BARIUM	10	210		0.5	0.23
7440-41-7	BERYLLIUM	10	0.98		0.05	0.0091
7440-43-9	CADMIUM	10	2.3		0.2	0.038
7440-70-2	CALCIUM	10	10000		100	19
7440-47-3	CHROMIUM	10	33		1	0.56
7440-48-4	COBALT	10	8.6		0.5	0.043
7440-50-8	COPPER	10	40		2	0.29
7439-89-6	IRON	10	30000		20	11
7439-92-1	LEAD	10	210		0.2	0.067
7439-95-4	MAGNESIUM	10	3700		10	3.3
7439-96-5	MANGANESE	10	870		0.76	0.38
7440-02-0	NICKEL	10	29		2	0.44
7440-09-7	POTASSIUM	10	3000		100	15
7782-49-2	SELENIUM	10	3.2		1	0.22
7440-22-4	SILVER	10	1.6		0.12	0.058
7440-23-5	SODIUM	10	120		100	15
7440-28-0	THALLIUM	10	0.45		0.01	0.0099
7440-62-2	VANADIUM	10	35		0.5	0.13
7440-66-6	ZINC	10	390		10	4.1

Data Package ID: *IM2205638-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-VACANT-01-06
Lab ID: 2205638-258

Analysis ReqCode: TAL 6020

Sample Matrix: SOIL
% Moisture: 1.8
Date Collected: 17-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-4
QCBatchID: IP220614-4-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight
File Name: 123SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.012 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	8400		15	6.5
7440-36-0	ANTIMONY	10	1		0.1	0.031
7440-38-2	ARSENIC	10	58		0.2	0.049
7440-39-3	BARIUM	10	210		0.5	0.23
7440-41-7	BERYLLIUM	10	0.97		0.05	0.0091
7440-43-9	CADMIUM	10	2.3		0.2	0.038
7440-70-2	CALCIUM	10	9900		100	19
7440-47-3	CHROMIUM	10	35		1	0.55
7440-48-4	COBALT	10	8.6		0.5	0.043
7440-50-8	COPPER	10	40		2	0.29
7439-89-6	IRON	10	29000		20	11
7439-92-1	LEAD	10	210		0.2	0.066
7439-95-4	MAGNESIUM	10	3600		10	3.3
7439-96-5	MANGANESE	10	870		0.75	0.38
7440-02-0	NICKEL	10	30		2	0.44
7440-09-7	POTASSIUM	10	2900		100	15
7782-49-2	SELENIUM	10	3.2		1	0.22
7440-22-4	SILVER	10	1.5		0.11	0.057
7440-23-5	SODIUM	10	120		100	15
7440-28-0	THALLIUM	10	0.44		0.01	0.0099
7440-62-2	VANADIUM	10	35		0.5	0.13
7440-66-6	ZINC	10	380		10	4.1

Data Package ID: *IM2205638-1*

Total MERCURY

Method SW7471

Sample Results

Lab Name: ALS -- Fort Collins
Client Name: Tetra Tech
Client Project ID: Garner Street Soils/CO 103X903520F0071211205
Work Order Number: 2205638 **Final Volume:** 100 ml
Reporting Basis: Dry Weight **Matrix:** SOIL
Analyst: Haley L. Richards **Result Units:** MG/KG

Client Sample ID	Lab ID	Date Collected	Date Prepared	Date Analyzed	Percent Moisture	Dilution Factor	Result	RptLimit/ LOQ/LOD	MDL/DL	Flag	Sample Aliquot
GS-01E-00-06	2205638-6	5/19/2022	6/9/2022	06/10/2022	9.722	1	0.11	0.037	0.0046		0.601 g
GS-09E-00-06	2205638-61	5/19/2022	6/9/2022	06/10/2022	10.93	1	0.18	0.037	0.0046		0.613 g
GS-13B-00-06	2205638-78	5/18/2022	6/9/2022	06/10/2022	7.715	1	0.4	0.036	0.0045		0.605 g
GS-14D-00-06	2205638-89	5/18/2022	6/9/2022	06/10/2022	16.55	1	0.094	0.04	0.005		0.601 g
GS-21D-00-06	2205638-114	5/18/2022	6/9/2022	06/10/2022	10.88	1	0.14	0.037	0.0046		0.611 g
GS-27D-00-06	2205638-127	5/18/2022	6/9/2022	06/10/2022	12.74	1	0.11	0.038	0.0048		0.605 g
GS-39A-00-06	2205638-163	5/16/2022	6/9/2022	06/10/2022	22.89	1	0.15	0.043	0.0054		0.607 g
GS-BG01-00-06	2205638-192	5/17/2022	6/9/2022	06/10/2022	3.354	1	0.014	0.034	0.0043	J	0.603 g
GS-BG02-00-06	2205638-195	5/17/2022	6/9/2022	06/10/2022	5.593	1	0.041	0.035	0.0044		0.601 g
GS-BG03-00-06	2205638-198	5/17/2022	6/9/2022	06/10/2022	1.916	1	0.012	0.034	0.0043	J	0.603 g
GS-CA02-00-06	2205638-203	5/16/2022	6/9/2022	06/10/2022	10.43	1	0.061	0.037	0.0047		0.605 g
GS-CA14-00-06	2205638-242	5/19/2022	6/9/2022	06/10/2022	2.042	1	0.66	0.034	0.0043		0.6 g
GS-HOUSE-00-06	2205638-248	5/17/2022	6/9/2022	06/10/2022	1.266	1	0.12	0.033	0.0042		0.609 g
GS-HOUSE-00-06-DUP	2205638-249	5/17/2022	6/9/2022	06/10/2022	2.075	1	0.081	0.034	0.0042		0.607 g
GS-VACANT-00-06	2205638-256	5/17/2022	6/9/2022	06/10/2022	4.339	1	0.22	0.035	0.0043		0.606 g
GS-VACANT-00-06-DUP	2205638-257	5/17/2022	6/9/2022	06/10/2022	5.584	1	0.27	0.035	0.0044		0.607 g

Comments:

1. ND or U = Not Detected at or above the client requested detection limit.

Data Package ID: *HG2205638-1*

Total MERCURY

Method SW7470A

Sample Results

Lab Name: ALS -- Fort Collins
Client Name: Tetra Tech
Client Project ID: Garner Street Soils/CO 103X903520F0071211205
Work Order Number: 2205638 **Final Volume:** 20 ml
Reporting Basis: As Received **Matrix:** WATER
Analyst: Haley L. Richards **Result Units:** MG/L

Client Sample ID	Lab ID	Date Collected	Date Prepared	Date Analyzed	Percent Moisture	Dilution Factor	Result	RptLimit/ LOQ/LOD	MDL/DL	Flag	Sample Aliquot
GS-FB01	2205638-246	5/16/2022	6/9/2022	06/09/2022	N/A	1	0.00006	0.0002	0.00006	U	20 ml
GS-RB01	2205638-251	5/16/2022	6/9/2022	06/09/2022	N/A	1	0.00006	0.0002	0.00006	U	20 ml
GS-RB02	2205638-252	5/17/2022	6/9/2022	06/09/2022	N/A	1	0.00006	0.0002	0.00006	U	20 ml
GS-RB03	2205638-253	5/18/2022	6/9/2022	06/09/2022	N/A	1	0.00006	0.0002	0.00006	U	20 ml
GS-RB04	2205638-254	5/19/2022	6/9/2022	06/09/2022	N/A	1	0.00006	0.0002	0.00006	U	20 ml

Comments:

1. ND or U = Not Detected at or above the client requested detection limit.

Data Package ID: *HG2205638-1*

Summary Report Forms

ICPMS Metals

Method SW6020B

Method Blank

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: IP220609-2MB

Sample Matrix: WATER
% Moisture: N/A
Date Collected: N/A
Date Extracted: 09-Jun-22
Date Analyzed: 10-Jun-22

Prep Batch: IP220609-2
QCBatchID: IP220609-2-2
Run ID: IM220610-11A3
Cleanup: NONE
Basis: N/A
File Name: 167_LCS.

Sample Aliquot: 50 ml
Final Volume: 50 ml
Result Units: MG/L
Clean DF: 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	0.029	U	0.1	0.029
7440-36-0	ANTIMONY	10	0.00016	U	0.001	0.00016
7440-38-2	ARSENIC	10	0.00022	U	0.002	0.00022
7440-39-3	BARIUM	10	0.0019	U	0.005	0.0019
7440-41-7	BERYLLIUM	10	0.000046	U	0.0005	0.000046
7440-43-9	CADMIUM	10	0.00036	U	0.002	0.00036
7440-70-2	CALCIUM	10	0.12	U	1	0.12
7440-47-3	CHROMIUM	10	0.00092	U	0.01	0.00092
7440-48-4	COBALT	10	0.00029	U	0.005	0.00029
7440-50-8	COPPER	10	-0.0027	J	0.02	0.0019
7439-89-6	IRON	10	0.022	U	0.1	0.022
7439-92-1	LEAD	10	0.00027	U	0.002	0.00027
7439-95-4	MAGNESIUM	10	0.025	U	0.1	0.025
7439-96-5	MANGANESE	10	0.00036	U	0.01	0.00036
7440-02-0	NICKEL	10	0.0045	U	0.02	0.0045
7440-09-7	POTASSIUM	10	0.098	U	1	0.098
7782-49-2	SELENIUM	10	0.0027	U	0.01	0.0027
7440-22-4	SILVER	10	0.000066	U	0.0005	0.000066
7440-23-5	SODIUM	10	0.061	U	1	0.061
7440-28-0	THALLIUM	10	-0.00002	J	0.00015	0.000017
7440-62-2	VANADIUM	10	0.00075	U	0.005	0.00075
7440-66-6	ZINC	10	0.017	U	0.1	0.017

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Method Blank

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: IP220610-1MB

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 10-Jun-22
Date Analyzed: 10-Jun-22

Prep Batch: IP220610-1
QCBatchID: IP220610-1-1
Run ID: IM220610-11A3
Cleanup: NONE
Basis: N/A
File Name: 1826CCB.

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6.5	U	15	6.5
7440-36-0	ANTIMONY	10	0.018	U	0.1	0.018
7440-38-2	ARSENIC	10	0.049	U	0.2	0.049
7440-39-3	BARIUM	10	0.23	U	0.5	0.23
7440-41-7	BERYLLIUM	10	0.005	U	0.05	0.005
7440-43-9	CADMIUM	10	0.022	U	0.2	0.022
7440-70-2	CALCIUM	10	17	U	100	17
7440-47-3	CHROMIUM	10	0.55	U	1	0.55
7440-48-4	COBALT	10	0.032	U	0.5	0.032
7440-50-8	COPPER	10	0.29	U	2	0.29
7439-89-6	IRON	10	11	U	20	11
7439-92-1	LEAD	10	0.066	U	0.2	0.066
7439-95-4	MAGNESIUM	10	3.3	U	10	3.3
7439-96-5	MANGANESE	10	0.38	U	0.75	0.38
7440-02-0	NICKEL	10	0.44	U	2	0.44
7440-09-7	POTASSIUM	10	15	U	100	15
7782-49-2	SELENIUM	10	0.2	U	1	0.2
7440-22-4	SILVER	10	0.0083	U	0.05	0.0083
7440-23-5	SODIUM	10	15	U	100	15
7440-28-0	THALLIUM	10	0.0025	U	0.01	0.0025
7440-62-2	VANADIUM	10	0.13	U	0.5	0.13
7440-66-6	ZINC	10	4.1	U	10	4.1

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Method Blank

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: IP220610-2MB

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22

Prep Batch: IP220610-2
QCBatchID: IP220610-2-1
Run ID: IM220614-11A2
Cleanup: NONE
Basis: N/A
File Name: 0406CCB.

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6.5	U	15	6.5
7440-36-0	ANTIMONY	10	0.031	U	0.1	0.031
7440-38-2	ARSENIC	10	0.049	U	0.2	0.049
7440-39-3	BARIUM	10	0.23	U	0.5	0.23
7440-41-7	BERYLLIUM	10	0.009	U	0.05	0.009
7440-43-9	CADMIUM	10	0.038	U	0.2	0.038
7440-70-2	CALCIUM	10	19	U	100	19
7440-47-3	CHROMIUM	10	0.55	U	1	0.55
7440-48-4	COBALT	10	0.043	U	0.5	0.043
7440-50-8	COPPER	10	0.29	U	2	0.29
7439-89-6	IRON	10	11	U	20	11
7439-92-1	LEAD	10	0.066	U	0.2	0.066
7439-95-4	MAGNESIUM	10	3.3	U	10	3.3
7439-96-5	MANGANESE	10	0.38	U	0.75	0.38
7440-02-0	NICKEL	10	0.44	U	2	0.44
7440-09-7	POTASSIUM	10	15	U	100	15
7782-49-2	SELENIUM	10	0.22	U	1	0.22
7440-22-4	SILVER	10	0.057	U	0.11	0.057
7440-23-5	SODIUM	10	15	U	100	15
7440-28-0	THALLIUM	10	0.0098	U	0.01	0.0098
7440-62-2	VANADIUM	10	0.13	U	0.5	0.13
7440-66-6	ZINC	10	4.1	U	10	4.1

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Method Blank

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: IP220610-5MB

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22

Prep Batch: IP220610-5
QCBatchID: IP220610-5-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: N/A
File Name: 0096CCB.

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6.5	U	15	6.5
7440-36-0	ANTIMONY	10	0.031	U	0.1	0.031
7440-38-2	ARSENIC	10	0.049	U	0.2	0.049
7440-39-3	BARIUM	10	0.23	U	0.5	0.23
7440-41-7	BERYLLIUM	10	0.009	U	0.05	0.009
7440-43-9	CADMIUM	10	0.038	U	0.2	0.038
7440-70-2	CALCIUM	10	19	U	100	19
7440-47-3	CHROMIUM	10	0.55	U	1	0.55
7440-48-4	COBALT	10	0.043	U	0.5	0.043
7440-50-8	COPPER	10	0.29	U	2	0.29
7439-89-6	IRON	10	11	U	20	11
7439-92-1	LEAD	10	0.066	U	0.2	0.066
7439-95-4	MAGNESIUM	10	3.3	U	10	3.3
7439-96-5	MANGANESE	10	0.38	U	0.75	0.38
7440-02-0	NICKEL	10	0.44	U	2	0.44
7440-09-7	POTASSIUM	10	15	U	100	15
7782-49-2	SELENIUM	10	0.22	U	1	0.22
7440-22-4	SILVER	10	0.057	U	0.11	0.057
7440-23-5	SODIUM	10	15	U	100	15
7440-28-0	THALLIUM	10	0.0098	U	0.01	0.0098
7440-62-2	VANADIUM	10	0.13	U	0.5	0.13
7440-66-6	ZINC	10	4.1	U	10	4.1

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Method Blank

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: IP220610-6MB

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22

Prep Batch: IP220610-6
QCBatchID: IP220610-6-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: N/A
File Name: 0496CCB.

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6.5	U	15	6.5
7440-36-0	ANTIMONY	10	0.031	U	0.1	0.031
7440-38-2	ARSENIC	10	0.049	U	0.2	0.049
7440-39-3	BARIUM	10	0.23	U	0.5	0.23
7440-41-7	BERYLLIUM	10	0.009	U	0.05	0.009
7440-43-9	CADMIUM	10	0.038	U	0.2	0.038
7440-70-2	CALCIUM	10	19	U	100	19
7440-47-3	CHROMIUM	10	0.55	U	1	0.55
7440-48-4	COBALT	10	0.043	U	0.5	0.043
7440-50-8	COPPER	10	0.29	U	2	0.29
7439-89-6	IRON	10	11	U	20	11
7439-92-1	LEAD	10	0.066	U	0.2	0.066
7439-95-4	MAGNESIUM	10	3.3	U	10	3.3
7439-96-5	MANGANESE	10	0.38	U	0.75	0.38
7440-02-0	NICKEL	10	0.44	U	2	0.44
7440-09-7	POTASSIUM	10	15	U	100	15
7782-49-2	SELENIUM	10	0.22	U	1	0.22
7440-22-4	SILVER	10	0.057	U	0.11	0.057
7440-23-5	SODIUM	10	15	U	100	15
7440-28-0	THALLIUM	10	0.0098	U	0.01	0.0098
7440-62-2	VANADIUM	10	0.13	U	0.5	0.13
7440-66-6	ZINC	10	4.1	U	10	4.1

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Method Blank

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: IP220613-1MB

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 13-Jun-22
Date Analyzed: 14-Jun-22

Prep Batch: IP220613-1
QCBatchID: IP220613-1-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: N/A
File Name: 0796CCB.

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6.5	U	15	6.5
7440-36-0	ANTIMONY	10	0.031	U	0.1	0.031
7440-38-2	ARSENIC	10	0.049	U	0.2	0.049
7440-39-3	BARIUM	10	0.23	U	0.5	0.23
7440-41-7	BERYLLIUM	10	0.009	U	0.05	0.009
7440-43-9	CADMIUM	10	0.038	U	0.2	0.038
7440-70-2	CALCIUM	10	19	U	100	19
7440-47-3	CHROMIUM	10	0.55	U	1	0.55
7440-48-4	COBALT	10	0.043	U	0.5	0.043
7440-50-8	COPPER	10	0.29	U	2	0.29
7439-89-6	IRON	10	11	U	20	11
7439-92-1	LEAD	10	0.066	U	0.2	0.066
7439-95-4	MAGNESIUM	10	3.3	U	10	3.3
7439-96-5	MANGANESE	10	0.38	U	0.75	0.38
7440-02-0	NICKEL	10	0.44	U	2	0.44
7440-09-7	POTASSIUM	10	15	U	100	15
7782-49-2	SELENIUM	10	0.22	U	1	0.22
7440-22-4	SILVER	10	0.057	U	0.11	0.057
7440-23-5	SODIUM	10	15	U	100	15
7440-28-0	THALLIUM	10	0.0098	U	0.01	0.0098
7440-62-2	VANADIUM	10	0.13	U	0.5	0.13
7440-66-6	ZINC	10	4.1	U	10	4.1

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Method Blank

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: IP220613-2MB

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 13-Jun-22
Date Analyzed: 14-Jun-22

Prep Batch: IP220613-2
QCBatchID: IP220613-2-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: N/A
File Name: 1206CCB.

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6.5	U	15	6.5
7440-36-0	ANTIMONY	10	0.031	U	0.1	0.031
7440-38-2	ARSENIC	10	0.049	U	0.2	0.049
7440-39-3	BARIUM	10	0.23	U	0.5	0.23
7440-41-7	BERYLLIUM	10	0.009	U	0.05	0.009
7440-43-9	CADMIUM	10	0.038	U	0.2	0.038
7440-70-2	CALCIUM	10	19	U	100	19
7440-47-3	CHROMIUM	10	0.55	U	1	0.55
7440-48-4	COBALT	10	0.043	U	0.5	0.043
7440-50-8	COPPER	10	0.29	U	2	0.29
7439-89-6	IRON	10	11	U	20	11
7439-92-1	LEAD	10	0.066	U	0.2	0.066
7439-95-4	MAGNESIUM	10	3.3	U	10	3.3
7439-96-5	MANGANESE	10	0.38	U	0.75	0.38
7440-02-0	NICKEL	10	0.44	U	2	0.44
7440-09-7	POTASSIUM	10	15	U	100	15
7782-49-2	SELENIUM	10	0.22	U	1	0.22
7440-22-4	SILVER	10	0.057	U	0.11	0.057
7440-23-5	SODIUM	10	15	U	100	15
7440-28-0	THALLIUM	10	0.0098	U	0.01	0.0098
7440-62-2	VANADIUM	10	0.13	U	0.5	0.13
7440-66-6	ZINC	10	4.1	U	10	4.1

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Method Blank

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: IP220613-3MB

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22

Prep Batch: IP220613-3
QCBatchID: IP220613-3-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: N/A
File Name: 1496CCB.

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6.5	U	15	6.5
7440-36-0	ANTIMONY	10	0.031	U	0.1	0.031
7440-38-2	ARSENIC	10	0.049	U	0.2	0.049
7440-39-3	BARIUM	10	0.23	U	0.5	0.23
7440-41-7	BERYLLIUM	10	0.009	U	0.05	0.009
7440-43-9	CADMIUM	10	0.038	U	0.2	0.038
7440-70-2	CALCIUM	10	19	U	100	19
7440-47-3	CHROMIUM	10	0.55	U	1	0.55
7440-48-4	COBALT	10	0.043	U	0.5	0.043
7440-50-8	COPPER	10	0.29	U	2	0.29
7439-89-6	IRON	10	11	U	20	11
7439-92-1	LEAD	10	0.066	U	0.2	0.066
7439-95-4	MAGNESIUM	10	3.3	U	10	3.3
7439-96-5	MANGANESE	10	0.38	U	0.75	0.38
7440-02-0	NICKEL	10	0.44	U	2	0.44
7440-09-7	POTASSIUM	10	15	U	100	15
7782-49-2	SELENIUM	10	0.22	U	1	0.22
7440-22-4	SILVER	10	0.057	U	0.11	0.057
7440-23-5	SODIUM	10	15	U	100	15
7440-28-0	THALLIUM	10	0.0098	U	0.01	0.0098
7440-62-2	VANADIUM	10	0.13	U	0.5	0.13
7440-66-6	ZINC	10	4.1	U	10	4.1

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Method Blank

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: IP220613-5MB

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22

Prep Batch: IP220613-5
QCBatchID: IP220613-5-1
Run ID: IM220615-10A2
Cleanup: NONE
Basis: N/A
File Name: 0406CCB.

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6.5	U	15	6.5
7440-36-0	ANTIMONY	10	0.031	U	0.1	0.031
7440-38-2	ARSENIC	10	0.049	U	0.2	0.049
7440-39-3	BARIUM	10	0.23	U	0.5	0.23
7440-41-7	BERYLLIUM	10	0.009	U	0.05	0.009
7440-43-9	CADMIUM	10	0.038	U	0.2	0.038
7440-70-2	CALCIUM	10	19	U	100	19
7440-47-3	CHROMIUM	10	0.55	U	1	0.55
7440-48-4	COBALT	10	0.043	U	0.5	0.043
7440-50-8	COPPER	10	0.29	U	2	0.29
7439-89-6	IRON	10	11	U	20	11
7439-92-1	LEAD	10	0.066	U	0.2	0.066
7439-95-4	MAGNESIUM	10	3.3	U	10	3.3
7439-96-5	MANGANESE	10	0.38	U	0.75	0.38
7440-02-0	NICKEL	10	0.44	U	2	0.44
7440-09-7	POTASSIUM	10	15	U	100	15
7782-49-2	SELENIUM	10	0.22	U	1	0.22
7440-22-4	SILVER	10	0.057	U	0.11	0.057
7440-23-5	SODIUM	10	15	U	100	15
7440-28-0	THALLIUM	10	0.0098	U	0.01	0.0098
7440-62-2	VANADIUM	10	0.13	U	0.5	0.13
7440-66-6	ZINC	10	4.1	U	10	4.1

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Method Blank

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: IP220613-6MB

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 13-Jun-22
Date Analyzed: 15-Jun-22

Prep Batch: IP220613-6
QCBatchID: IP220613-6-1
Run ID: IM220615-10A2
Cleanup: NONE
Basis: N/A
File Name: 0796CCB.

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6.5	U	15	6.5
7440-36-0	ANTIMONY	10	0.031	U	0.1	0.031
7440-38-2	ARSENIC	10	0.049	U	0.2	0.049
7440-39-3	BARIUM	10	0.23	U	0.5	0.23
7440-41-7	BERYLLIUM	10	0.009	U	0.05	0.009
7440-43-9	CADMIUM	10	0.038	U	0.2	0.038
7440-70-2	CALCIUM	10	19	U	100	19
7440-47-3	CHROMIUM	10	0.55	U	1	0.55
7440-48-4	COBALT	10	0.043	U	0.5	0.043
7440-50-8	COPPER	10	0.29	U	2	0.29
7439-89-6	IRON	10	11	U	20	11
7439-92-1	LEAD	10	0.066	U	0.2	0.066
7439-95-4	MAGNESIUM	10	3.3	U	10	3.3
7439-96-5	MANGANESE	10	0.38	U	0.75	0.38
7440-02-0	NICKEL	10	0.44	U	2	0.44
7440-09-7	POTASSIUM	10	15	U	100	15
7782-49-2	SELENIUM	10	0.22	U	1	0.22
7440-22-4	SILVER	10	0.057	U	0.11	0.057
7440-23-5	SODIUM	10	15	U	100	15
7440-28-0	THALLIUM	10	0.0098	U	0.01	0.0098
7440-62-2	VANADIUM	10	0.13	U	0.5	0.13
7440-66-6	ZINC	10	4.1	U	10	4.1

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Method Blank

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: IP220614-1MB

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22

Prep Batch: IP220614-1
QCBatchID: IP220614-1-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: N/A
File Name: 0496CCB.

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6.5	U	15	6.5
7440-36-0	ANTIMONY	10	0.031	U	0.1	0.031
7440-38-2	ARSENIC	10	0.049	U	0.2	0.049
7440-39-3	BARIUM	10	0.23	U	0.5	0.23
7440-41-7	BERYLLIUM	10	0.009	U	0.05	0.009
7440-43-9	CADMIUM	10	0.038	U	0.2	0.038
7440-70-2	CALCIUM	10	19	U	100	19
7440-47-3	CHROMIUM	10	0.55	U	1	0.55
7440-48-4	COBALT	10	0.043	U	0.5	0.043
7440-50-8	COPPER	10	0.29	U	2	0.29
7439-89-6	IRON	10	11	U	20	11
7439-92-1	LEAD	10	0.066	U	0.2	0.066
7439-95-4	MAGNESIUM	10	3.3	U	10	3.3
7439-96-5	MANGANESE	10	0.38	U	0.75	0.38
7440-02-0	NICKEL	10	0.44	U	2	0.44
7440-09-7	POTASSIUM	10	15	U	100	15
7782-49-2	SELENIUM	10	0.22	U	1	0.22
7440-22-4	SILVER	10	0.057	U	0.11	0.057
7440-23-5	SODIUM	10	15	U	100	15
7440-28-0	THALLIUM	10	0.0098	U	0.01	0.0098
7440-62-2	VANADIUM	10	0.13	U	0.5	0.13
7440-66-6	ZINC	10	4.1	U	10	4.1

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Method Blank

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: IP220614-2MB

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22

Prep Batch: IP220614-2
QCBatchID: IP220614-2-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: N/A
File Name: 0566CCB.

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6.5	U	15	6.5
7440-36-0	ANTIMONY	10	0.031	U	0.1	0.031
7440-38-2	ARSENIC	10	0.049	U	0.2	0.049
7440-39-3	BARIUM	10	0.23	U	0.5	0.23
7440-41-7	BERYLLIUM	10	0.009	U	0.05	0.009
7440-43-9	CADMIUM	10	0.038	U	0.2	0.038
7440-70-2	CALCIUM	10	19	U	100	19
7440-47-3	CHROMIUM	10	0.55	U	1	0.55
7440-48-4	COBALT	10	0.043	U	0.5	0.043
7440-50-8	COPPER	10	0.29	U	2	0.29
7439-89-6	IRON	10	11	U	20	11
7439-92-1	LEAD	10	0.066	U	0.2	0.066
7439-95-4	MAGNESIUM	10	3.3	U	10	3.3
7439-96-5	MANGANESE	10	0.38	U	0.75	0.38
7440-02-0	NICKEL	10	0.44	U	2	0.44
7440-09-7	POTASSIUM	10	15	U	100	15
7782-49-2	SELENIUM	10	0.22	U	1	0.22
7440-22-4	SILVER	10	0.057	U	0.11	0.057
7440-23-5	SODIUM	10	15	U	100	15
7440-28-0	THALLIUM	10	0.0098	U	0.01	0.0098
7440-62-2	VANADIUM	10	0.13	U	0.5	0.13
7440-66-6	ZINC	10	4.1	U	10	4.1

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Method Blank

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: IP220614-3MB

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22

Prep Batch: IP220614-3
QCBatchID: IP220614-3-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: N/A
File Name: 0866CCB.

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6.5	U	15	6.5
7440-36-0	ANTIMONY	10	0.031	U	0.1	0.031
7440-38-2	ARSENIC	10	0.049	U	0.2	0.049
7440-39-3	BARIUM	10	0.23	U	0.5	0.23
7440-41-7	BERYLLIUM	10	0.009	U	0.05	0.009
7440-43-9	CADMIUM	10	0.038	U	0.2	0.038
7440-70-2	CALCIUM	10	19	U	100	19
7440-47-3	CHROMIUM	10	0.55	U	1	0.55
7440-48-4	COBALT	10	0.043	U	0.5	0.043
7440-50-8	COPPER	10	0.29	U	2	0.29
7439-89-6	IRON	10	11	U	20	11
7439-92-1	LEAD	10	0.066	U	0.2	0.066
7439-95-4	MAGNESIUM	10	3.3	U	10	3.3
7439-96-5	MANGANESE	10	0.38	U	0.75	0.38
7440-02-0	NICKEL	10	0.44	U	2	0.44
7440-09-7	POTASSIUM	10	15	U	100	15
7782-49-2	SELENIUM	10	0.22	U	1	0.22
7440-22-4	SILVER	10	0.057	U	0.11	0.057
7440-23-5	SODIUM	10	15	U	100	15
7440-28-0	THALLIUM	10	0.0098	U	0.01	0.0098
7440-62-2	VANADIUM	10	0.13	U	0.5	0.13
7440-66-6	ZINC	10	4.1	U	10	4.1

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Method Blank

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: IP220614-4MB

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22

Prep Batch: IP220614-4
QCBatchID: IP220614-4-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: N/A
File Name: 1076CCB.

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6.5	U	15	6.5
7440-36-0	ANTIMONY	10	0.031	U	0.1	0.031
7440-38-2	ARSENIC	10	0.049	U	0.2	0.049
7440-39-3	BARIUM	10	0.23	U	0.5	0.23
7440-41-7	BERYLLIUM	10	0.009	U	0.05	0.009
7440-43-9	CADMIUM	10	0.038	U	0.2	0.038
7440-70-2	CALCIUM	10	19	U	100	19
7440-47-3	CHROMIUM	10	0.55	U	1	0.55
7440-48-4	COBALT	10	0.043	U	0.5	0.043
7440-50-8	COPPER	10	0.29	U	2	0.29
7439-89-6	IRON	10	11	U	20	11
7439-92-1	LEAD	10	0.066	U	0.2	0.066
7439-95-4	MAGNESIUM	10	3.3	U	10	3.3
7439-96-5	MANGANESE	10	0.38	U	0.75	0.38
7440-02-0	NICKEL	10	0.44	U	2	0.44
7440-09-7	POTASSIUM	10	15	U	100	15
7782-49-2	SELENIUM	10	0.22	U	1	0.22
7440-22-4	SILVER	10	0.057	U	0.11	0.057
7440-23-5	SODIUM	10	15	U	100	15
7440-28-0	THALLIUM	10	0.0098	U	0.01	0.0098
7440-62-2	VANADIUM	10	0.13	U	0.5	0.13
7440-66-6	ZINC	10	4.1	U	10	4.1

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: IM220609-2LCS

Sample Matrix: WATER
% Moisture: N/A
Date Collected: N/A
Date Extracted: 06/09/2022
Date Analyzed: 06/10/2022
Prep Method: SW3010A

Prep Batch: IP220609-2
QCBatchID: IP220609-2-2
Run ID: IM220610-11A3
Cleanup: NONE
Basis: N/A
File Name: 168_LCS.

Sample Aliquot: 50 ml
Final Volume: 50 ml
Result Units: MG/L
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7429-90-5	ALUMINUM	5	4.85	0.1		97	80 - 120%
7440-36-0	ANTIMONY	0.03	0.0294	0.001		98	80 - 120%
7440-38-2	ARSENIC	0.1	0.0934	0.002		93	80 - 120%
7440-39-3	BARIUM	0.1	0.0922	0.005		92	80 - 120%
7440-41-7	BERYLLIUM	0.05	0.0467	0.0005		93	80 - 120%
7440-43-9	CADMIUM	0.03	0.028	0.002		93	80 - 120%
7440-70-2	CALCIUM	10	10.3	1		103	80 - 120%
7440-47-3	CHROMIUM	0.5	0.48	0.01		96	80 - 120%
7440-48-4	COBALT	0.1	0.0999	0.005		100	80 - 120%
7440-50-8	COPPER	1	1.04	0.02		104	80 - 120%
7439-89-6	IRON	5	4.66	0.1		93	80 - 120%
7439-92-1	LEAD	0.05	0.0516	0.002		103	80 - 120%
7439-95-4	MAGNESIUM	10	8.96	0.1		90	80 - 120%
7439-96-5	MANGANESE	0.1	0.0988	0.01		99	80 - 120%
7440-02-0	NICKEL	0.5	0.476	0.02		95	80 - 120%
7440-09-7	POTASSIUM	5	4.67	1		93	80 - 120%
7782-49-2	SELENIUM	0.1	0.0948	0.01		95	80 - 120%
7440-22-4	SILVER	0.01	0.00958	0.0005		96	80 - 120%
7440-23-5	SODIUM	10	9.76	1		98	80 - 120%
7440-28-0	THALLIUM	0.002	0.00195	0.00015		98	80 - 120%
7440-62-2	VANADIUM	0.1	0.0959	0.005		96	80 - 120%
7440-66-6	ZINC	2	1.94	0.1		97	80 - 120%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: IM220609-2LCSD

Sample Matrix: WATER
% Moisture: N/A
Date Collected: N/A
Date Extracted: 06/09/2022
Date Analyzed: 06/10/2022
Prep Method: SW3010A

Prep Batch: IP220609-2
QCBatchID: IP220609-2-2
Run ID: IM220610-11A3
Cleanup: NONE
Basis: N/A
File Name: 169SMPL.

Sample Aliquot: 50 ml
Final Volume: 50 ml
Result Units: MG/L
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
7429-90-5	ALUMINUM	5	4.88	0.1		98	20	1
7440-36-0	ANTIMONY	0.03	0.0287	0.001		96	20	2
7440-38-2	ARSENIC	0.1	0.0927	0.002		93	20	1
7440-39-3	BARIUM	0.1	0.0925	0.005		93	20	0
7440-41-7	BERYLLIUM	0.05	0.0463	0.0005		93	20	1
7440-43-9	CADMIUM	0.03	0.0294	0.002		98	20	5
7440-70-2	CALCIUM	10	10.5	1		105	20	3
7440-47-3	CHROMIUM	0.5	0.486	0.01		97	20	1
7440-48-4	COBALT	0.1	0.0998	0.005		100	20	0
7440-50-8	COPPER	1	1.05	0.02		105	20	1
7439-89-6	IRON	5	4.71	0.1		94	20	1
7439-92-1	LEAD	0.05	0.0507	0.002		101	20	2
7439-95-4	MAGNESIUM	10	9.02	0.1		90	20	1
7439-96-5	MANGANESE	0.1	0.0995	0.01		100	20	1
7440-02-0	NICKEL	0.5	0.481	0.02		96	20	1
7440-09-7	POTASSIUM	5	4.75	1		95	20	2
7782-49-2	SELENIUM	0.1	0.0934	0.01		93	20	1
7440-22-4	SILVER	0.01	0.00987	0.0005		99	20	3
7440-23-5	SODIUM	10	9.74	1		97	20	0
7440-28-0	THALLIUM	0.002	0.00194	0.00015		97	20	1
7440-62-2	VANADIUM	0.1	0.097	0.005		97	20	1
7440-66-6	ZINC	2	1.93	0.1		97	20	0

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: IM220610-1LCS

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 06/10/2022
Date Analyzed: 06/10/2022
Prep Method: SW3050B

Prep Batch: IP220610-1
QCBatchID: IP220610-1-1
Run ID: IM220610-11A3
Cleanup: NONE
Basis: N/A
File Name: 183_LCS.

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7429-90-5	ALUMINUM	500	478	15		96	80 - 120%
7440-36-0	ANTIMONY	3	2.84	0.1		95	80 - 120%
7440-38-2	ARSENIC	10	9.29	0.2		93	80 - 120%
7440-39-3	BARIUM	10	9.03	0.5		90	80 - 120%
7440-41-7	BERYLLIUM	5	4.64	0.05		93	80 - 120%
7440-43-9	CADMIUM	3	2.85	0.2		95	80 - 120%
7440-70-2	CALCIUM	1000	1030	100		103	80 - 120%
7440-47-3	CHROMIUM	50	47.5	1		95	80 - 120%
7440-48-4	COBALT	10	9.89	0.5		99	80 - 120%
7440-50-8	COPPER	100	103	2		103	80 - 120%
7439-89-6	IRON	500	467	20		93	80 - 120%
7439-92-1	LEAD	5	5.08	0.2		102	80 - 120%
7439-95-4	MAGNESIUM	1000	881	10		88	80 - 120%
7439-96-5	MANGANESE	10	9.78	0.75		98	80 - 120%
7440-02-0	NICKEL	50	47.2	2		94	80 - 120%
7440-09-7	POTASSIUM	500	463	100		93	80 - 120%
7782-49-2	SELENIUM	10	9.61	1		96	80 - 120%
7440-22-4	SILVER	1	0.957	0.05		96	80 - 120%
7440-23-5	SODIUM	1000	953	100		95	80 - 120%
7440-28-0	THALLIUM	0.2	0.202	0.01		101	80 - 120%
7440-62-2	VANADIUM	10	9.41	0.5		94	80 - 120%
7440-66-6	ZINC	200	195	10		97	80 - 120%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: IM220610-1LCSD

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 06/10/2022
Date Analyzed: 06/10/2022
Prep Method: SW3050B

Prep Batch: IP220610-1
QCBatchID: IP220610-1-1
Run ID: IM220610-11A3
Cleanup: NONE
Basis: N/A
File Name: 184_LCS.

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
7429-90-5	ALUMINUM	500	484	15		97	20	1
7440-36-0	ANTIMONY	3	2.8	0.1		93	20	2
7440-38-2	ARSENIC	10	9.5	0.2		95	20	2
7440-39-3	BARIUM	10	9.01	0.5		90	20	0
7440-41-7	BERYLLIUM	5	4.68	0.05		94	20	1
7440-43-9	CADMIUM	3	2.87	0.2		96	20	1
7440-70-2	CALCIUM	1000	1060	100		106	20	3
7440-47-3	CHROMIUM	50	47.2	1		94	20	1
7440-48-4	COBALT	10	9.87	0.5		99	20	0
7440-50-8	COPPER	100	103	2		103	20	0
7439-89-6	IRON	500	466	20		93	20	0
7439-92-1	LEAD	5	5.04	0.2		101	20	1
7439-95-4	MAGNESIUM	1000	870	10		87	20	1
7439-96-5	MANGANESE	10	9.79	0.75		98	20	0
7440-02-0	NICKEL	50	47.2	2		94	20	0
7440-09-7	POTASSIUM	500	467	100		93	20	1
7782-49-2	SELENIUM	10	9.48	1		95	20	1
7440-22-4	SILVER	1	0.968	0.05		97	20	1
7440-23-5	SODIUM	1000	963	100		96	20	1
7440-28-0	THALLIUM	0.2	0.2	0.01		100	20	1
7440-62-2	VANADIUM	10	9.53	0.5		95	20	1
7440-66-6	ZINC	200	194	10		97	20	0

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Laboratory Control Sample

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: IM220610-2LCS

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 06/10/2022
Date Analyzed: 06/14/2022
Prep Method: SW3050B

Prep Batch: IP220610-2
QCBatchID: IP220610-2-1
Run ID: IM220614-11A2
Cleanup: NONE
Basis: N/A
File Name: 041_LCS.

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7429-90-5	ALUMINUM	500	498	15		100	80 - 120%
7440-36-0	ANTIMONY	3	3.11	0.1		104	80 - 120%
7440-38-2	ARSENIC	10	9.84	0.2		98	80 - 120%
7440-39-3	BARIUM	10	9.12	0.5		91	80 - 120%
7440-41-7	BERYLLIUM	5	4.97	0.05		99	80 - 120%
7440-43-9	CADMIUM	3	3.02	0.2		101	80 - 120%
7440-70-2	CALCIUM	1000	941	100		94	80 - 120%
7440-47-3	CHROMIUM	50	49.3	1		99	80 - 120%
7440-48-4	COBALT	10	10.6	0.5		106	80 - 120%
7440-50-8	COPPER	100	107	2		107	80 - 120%
7439-89-6	IRON	500	485	20		97	80 - 120%
7439-92-1	LEAD	5	5.21	0.2		104	80 - 120%
7439-95-4	MAGNESIUM	1000	959	10		96	80 - 120%
7439-96-5	MANGANESE	10	10.5	0.75		105	80 - 120%
7440-02-0	NICKEL	50	49.6	2		99	80 - 120%
7440-09-7	POTASSIUM	500	482	100		96	80 - 120%
7782-49-2	SELENIUM	10	9.91	1		99	80 - 120%
7440-22-4	SILVER	1	1.03	0.114		103	80 - 120%
7440-23-5	SODIUM	1000	1030	100		103	80 - 120%
7440-28-0	THALLIUM	0.2	0.213	0.01		107	80 - 120%
7440-62-2	VANADIUM	10	9.02	0.5		90	80 - 120%
7440-66-6	ZINC	200	203	10		101	80 - 120%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Laboratory Control Sample

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: IM220610-5LCS

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 06/10/2022
Date Analyzed: 06/14/2022
Prep Method: SW3050B

Prep Batch: IP220610-5
QCBatchID: IP220610-5-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: N/A
File Name: 010_LCS.

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7429-90-5	ALUMINUM	500	481	15		96	80 - 120%
7440-36-0	ANTIMONY	3	3.1	0.1		103	80 - 120%
7440-38-2	ARSENIC	10	9.72	0.2		97	80 - 120%
7440-39-3	BARIUM	10	9.32	0.5		93	80 - 120%
7440-41-7	BERYLLIUM	5	4.91	0.05		98	80 - 120%
7440-43-9	CADMIUM	3	3.08	0.2		103	80 - 120%
7440-70-2	CALCIUM	1000	1030	100		103	80 - 120%
7440-47-3	CHROMIUM	50	48.4	1		97	80 - 120%
7440-48-4	COBALT	10	10.2	0.5		102	80 - 120%
7440-50-8	COPPER	100	106	2		106	80 - 120%
7439-89-6	IRON	500	480	20		96	80 - 120%
7439-92-1	LEAD	5	5.05	0.2		101	80 - 120%
7439-95-4	MAGNESIUM	1000	956	10		96	80 - 120%
7439-96-5	MANGANESE	10	9.95	0.75		100	80 - 120%
7440-02-0	NICKEL	50	48.9	2		98	80 - 120%
7440-09-7	POTASSIUM	500	462	100		92	80 - 120%
7782-49-2	SELENIUM	10	9.85	1		99	80 - 120%
7440-22-4	SILVER	1	1.03	0.114		103	80 - 120%
7440-23-5	SODIUM	1000	985	100		98	80 - 120%
7440-28-0	THALLIUM	0.2	0.209	0.01		105	80 - 120%
7440-62-2	VANADIUM	10	9.77	0.5		98	80 - 120%
7440-66-6	ZINC	200	197	10		99	80 - 120%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Laboratory Control Sample

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: IM220610-6LCS

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 06/10/2022
Date Analyzed: 06/14/2022
Prep Method: SW3050B

Prep Batch: IP220610-6
QCBatchID: IP220610-6-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: N/A
File Name: 050_LCS.

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7429-90-5	ALUMINUM	500	483	15		97	80 - 120%
7440-36-0	ANTIMONY	3	3.08	0.1		103	80 - 120%
7440-38-2	ARSENIC	10	9.7	0.2		97	80 - 120%
7440-39-3	BARIUM	10	9.33	0.5		93	80 - 120%
7440-41-7	BERYLLIUM	5	4.82	0.05		96	80 - 120%
7440-43-9	CADMIUM	3	3.04	0.2		101	80 - 120%
7440-70-2	CALCIUM	1000	988	100		99	80 - 120%
7440-47-3	CHROMIUM	50	48.6	1		97	80 - 120%
7440-48-4	COBALT	10	10.2	0.5		102	80 - 120%
7440-50-8	COPPER	100	107	2		107	80 - 120%
7439-89-6	IRON	500	487	20		97	80 - 120%
7439-92-1	LEAD	5	5.08	0.2		102	80 - 120%
7439-95-4	MAGNESIUM	1000	947	10		95	80 - 120%
7439-96-5	MANGANESE	10	10.1	0.75		101	80 - 120%
7440-02-0	NICKEL	50	48.8	2		98	80 - 120%
7440-09-7	POTASSIUM	500	464	100		93	80 - 120%
7782-49-2	SELENIUM	10	9.57	1		96	80 - 120%
7440-22-4	SILVER	1	1.04	0.114		104	80 - 120%
7440-23-5	SODIUM	1000	969	100		97	80 - 120%
7440-28-0	THALLIUM	0.2	0.196	0.01		98	80 - 120%
7440-62-2	VANADIUM	10	9.77	0.5		98	80 - 120%
7440-66-6	ZINC	200	199	10		99	80 - 120%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Laboratory Control Sample

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: IM220613-1LCS

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 06/13/2022
Date Analyzed: 06/14/2022
Prep Method: SW3050B

Prep Batch: IP220613-1
QCBatchID: IP220613-1-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: N/A
File Name: 080_LCS.

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7429-90-5	ALUMINUM	500	473	15		95	80 - 120%
7440-36-0	ANTIMONY	3	3.04	0.1		101	80 - 120%
7440-38-2	ARSENIC	10	9.42	0.2		94	80 - 120%
7440-39-3	BARIUM	10	9.27	0.5		93	80 - 120%
7440-41-7	BERYLLIUM	5	4.73	0.05		95	80 - 120%
7440-43-9	CADMIUM	3	3	0.2		100	80 - 120%
7440-70-2	CALCIUM	1000	994	100		99	80 - 120%
7440-47-3	CHROMIUM	50	47.6	1		95	80 - 120%
7440-48-4	COBALT	10	10	0.5		100	80 - 120%
7440-50-8	COPPER	100	104	2		104	80 - 120%
7439-89-6	IRON	500	475	20		95	80 - 120%
7439-92-1	LEAD	5	5.08	0.2		102	80 - 120%
7439-95-4	MAGNESIUM	1000	934	10		93	80 - 120%
7439-96-5	MANGANESE	10	9.85	0.75		98	80 - 120%
7440-02-0	NICKEL	50	48	2		96	80 - 120%
7440-09-7	POTASSIUM	500	453	100		91	80 - 120%
7782-49-2	SELENIUM	10	9.57	1		96	80 - 120%
7440-22-4	SILVER	1	1.01	0.114		101	80 - 120%
7440-23-5	SODIUM	1000	954	100		95	80 - 120%
7440-28-0	THALLIUM	0.2	0.204	0.01		102	80 - 120%
7440-62-2	VANADIUM	10	9.66	0.5		97	80 - 120%
7440-66-6	ZINC	200	198	10		99	80 - 120%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: IM220613-2LCS

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 06/13/2022
Date Analyzed: 06/14/2022
Prep Method: SW3050B

Prep Batch: IP220613-2
QCBatchID: IP220613-2-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: N/A
File Name: 121_LCS.

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7429-90-5	ALUMINUM	500	474	15		95	80 - 120%
7440-36-0	ANTIMONY	3	3.02	0.1		101	80 - 120%
7440-38-2	ARSENIC	10	9.54	0.2		95	80 - 120%
7440-39-3	BARIUM	10	9.18	0.5		92	80 - 120%
7440-41-7	BERYLLIUM	5	4.66	0.05		93	80 - 120%
7440-43-9	CADMIUM	3	3	0.2		100	80 - 120%
7440-70-2	CALCIUM	1000	981	100		98	80 - 120%
7440-47-3	CHROMIUM	50	47.6	1		95	80 - 120%
7440-48-4	COBALT	10	9.82	0.5		98	80 - 120%
7440-50-8	COPPER	100	105	2		105	80 - 120%
7439-89-6	IRON	500	473	20		95	80 - 120%
7439-92-1	LEAD	5	5.08	0.2		102	80 - 120%
7439-95-4	MAGNESIUM	1000	929	10		93	80 - 120%
7439-96-5	MANGANESE	10	10.4	0.75		104	80 - 120%
7440-02-0	NICKEL	50	47.7	2		95	80 - 120%
7440-09-7	POTASSIUM	500	445	100		89	80 - 120%
7782-49-2	SELENIUM	10	9.68	1		97	80 - 120%
7440-22-4	SILVER	1	1.02	0.114		102	80 - 120%
7440-23-5	SODIUM	1000	947	100		95	80 - 120%
7440-28-0	THALLIUM	0.2	0.206	0.01		103	80 - 120%
7440-62-2	VANADIUM	10	9.58	0.5		96	80 - 120%
7440-66-6	ZINC	200	193	10		96	80 - 120%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: IM220613-2LCSD

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 06/13/2022
Date Analyzed: 06/14/2022
Prep Method: SW3050B

Prep Batch: IP220613-2
QCBatchID: IP220613-2-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: N/A
File Name: 122_LCS.

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
7429-90-5	ALUMINUM	500	475	15		95	20	0
7440-36-0	ANTIMONY	3	3.06	0.1		102	20	1
7440-38-2	ARSENIC	10	9.62	0.2		96	20	1
7440-39-3	BARIUM	10	9.27	0.5		93	20	1
7440-41-7	BERYLLIUM	5	4.61	0.05		92	20	1
7440-43-9	CADMIUM	3	2.93	0.2		98	20	2
7440-70-2	CALCIUM	1000	1010	100		101	20	3
7440-47-3	CHROMIUM	50	47.1	1		94	20	1
7440-48-4	COBALT	10	9.99	0.5		100	20	2
7440-50-8	COPPER	100	104	2		104	20	1
7439-89-6	IRON	500	470	20		94	20	1
7439-92-1	LEAD	5	4.96	0.2		99	20	2
7439-95-4	MAGNESIUM	1000	925	10		93	20	0
7439-96-5	MANGANESE	10	9.97	0.75		100	20	4
7440-02-0	NICKEL	50	47.6	2		95	20	0
7440-09-7	POTASSIUM	500	440	100		88	20	1
7782-49-2	SELENIUM	10	9.39	1		94	20	3
7440-22-4	SILVER	1	1.02	0.114		102	20	0
7440-23-5	SODIUM	1000	961	100		96	20	1
7440-28-0	THALLIUM	0.2	0.205	0.01		103	20	0
7440-62-2	VANADIUM	10	9.66	0.5		97	20	1
7440-66-6	ZINC	200	194	10		97	20	1

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: IM220613-3LCS

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 06/13/2022
Date Analyzed: 06/15/2022
Prep Method: SW3050B

Prep Batch: IP220613-3
QCBatchID: IP220613-3-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: N/A
File Name: 150_LCS.

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7429-90-5	ALUMINUM	500	473	15		95	80 - 120%
7440-36-0	ANTIMONY	3	3	0.1		100	80 - 120%
7440-38-2	ARSENIC	10	9.46	0.2		95	80 - 120%
7440-39-3	BARIUM	10	8.93	0.5		89	80 - 120%
7440-41-7	BERYLLIUM	5	4.4	0.05		88	80 - 120%
7440-43-9	CADMIUM	3	2.95	0.2		98	80 - 120%
7440-70-2	CALCIUM	1000	975	100		98	80 - 120%
7440-47-3	CHROMIUM	50	45.9	1		92	80 - 120%
7440-48-4	COBALT	10	9.73	0.5		97	80 - 120%
7440-50-8	COPPER	100	101	2		101	80 - 120%
7439-89-6	IRON	500	458	20		92	80 - 120%
7439-92-1	LEAD	5	5	0.2		100	80 - 120%
7439-95-4	MAGNESIUM	1000	910	10		91	80 - 120%
7439-96-5	MANGANESE	10	9.78	0.75		98	80 - 120%
7440-02-0	NICKEL	50	46.4	2		93	80 - 120%
7440-09-7	POTASSIUM	500	439	100		88	80 - 120%
7782-49-2	SELENIUM	10	9.42	1		94	80 - 120%
7440-22-4	SILVER	1	1.02	0.114		102	80 - 120%
7440-23-5	SODIUM	1000	938	100		94	80 - 120%
7440-28-0	THALLIUM	0.2	0.19	0.01		95	80 - 120%
7440-62-2	VANADIUM	10	9.42	0.5		94	80 - 120%
7440-66-6	ZINC	200	186	10		93	80 - 120%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: IM220613-3LCSD

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 06/13/2022
Date Analyzed: 06/15/2022
Prep Method: SW3050B

Prep Batch: IP220613-3
QCBatchID: IP220613-3-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: N/A
File Name: 151_LCS.

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
7429-90-5	ALUMINUM	500	474	15		95	20	0
7440-36-0	ANTIMONY	3	3.06	0.1		102	20	2
7440-38-2	ARSENIC	10	9.45	0.2		94	20	0
7440-39-3	BARIUM	10	9.42	0.5		94	20	5
7440-41-7	BERYLLIUM	5	4.49	0.05		90	20	2
7440-43-9	CADMIUM	3	2.97	0.2		99	20	1
7440-70-2	CALCIUM	1000	1010	100		101	20	4
7440-47-3	CHROMIUM	50	46.8	1		94	20	2
7440-48-4	COBALT	10	9.94	0.5		99	20	2
7440-50-8	COPPER	100	107	2		107	20	6
7439-89-6	IRON	500	464	20		93	20	1
7439-92-1	LEAD	5	5.03	0.2		101	20	1
7439-95-4	MAGNESIUM	1000	915	10		92	20	1
7439-96-5	MANGANESE	10	10	0.75		100	20	3
7440-02-0	NICKEL	50	47.5	2		95	20	2
7440-09-7	POTASSIUM	500	442	100		88	20	1
7782-49-2	SELENIUM	10	9.71	1		97	20	3
7440-22-4	SILVER	1	1.01	0.114		101	20	1
7440-23-5	SODIUM	1000	953	100		95	20	2
7440-28-0	THALLIUM	0.2	0.206	0.01		103	20	8
7440-62-2	VANADIUM	10	9.64	0.5		96	20	2
7440-66-6	ZINC	200	190	10		95	20	2

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: IM220613-5LCS

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 06/13/2022
Date Analyzed: 06/15/2022
Prep Method: SW3050B

Prep Batch: IP220613-5
QCBatchID: IP220613-5-1
Run ID: IM220615-10A2
Cleanup: NONE
Basis: N/A
File Name: 041_LCS.

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7429-90-5	ALUMINUM	500	509	15		102	80 - 120%
7440-36-0	ANTIMONY	3	3.14	0.1		105	80 - 120%
7440-38-2	ARSENIC	10	9.26	0.2		93	80 - 120%
7440-39-3	BARIUM	10	9.76	0.5		98	80 - 120%
7440-41-7	BERYLLIUM	5	5.4	0.05		108	80 - 120%
7440-43-9	CADMIUM	3	3.17	0.2		106	80 - 120%
7440-70-2	CALCIUM	1000	1030	100		103	80 - 120%
7440-47-3	CHROMIUM	50	50.9	1		102	80 - 120%
7440-48-4	COBALT	10	10.6	0.5		106	80 - 120%
7440-50-8	COPPER	100	106	2		106	80 - 120%
7439-89-6	IRON	500	503	20		101	80 - 120%
7439-92-1	LEAD	5	4.82	0.2		96	80 - 120%
7439-95-4	MAGNESIUM	1000	1000	10		100	80 - 120%
7439-96-5	MANGANESE	10	10.4	0.75		104	80 - 120%
7440-02-0	NICKEL	50	51.2	2		102	80 - 120%
7440-09-7	POTASSIUM	500	509	100		102	80 - 120%
7782-49-2	SELENIUM	10	10.6	1		106	80 - 120%
7440-22-4	SILVER	1	1.08	0.114		108	80 - 120%
7440-23-5	SODIUM	1000	1040	100		104	80 - 120%
7440-28-0	THALLIUM	0.2	0.205	0.01		103	80 - 120%
7440-62-2	VANADIUM	10	9.46	0.5		95	80 - 120%
7440-66-6	ZINC	200	211	10		105	80 - 120%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: IM220613-5LCSD

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 06/13/2022
Date Analyzed: 06/15/2022
Prep Method: SW3050B

Prep Batch: IP220613-5
QCBatchID: IP220613-5-1
Run ID: IM220615-10A2
Cleanup: NONE
Basis: N/A
File Name: 042_LCS.

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
7429-90-5	ALUMINUM	500	504	15		101	20	1
7440-36-0	ANTIMONY	3	3.1	0.1		103	20	1
7440-38-2	ARSENIC	10	9.24	0.2		92	20	0
7440-39-3	BARIUM	10	9.53	0.5		95	20	2
7440-41-7	BERYLLIUM	5	5.32	0.05		106	20	2
7440-43-9	CADMIUM	3	3.06	0.2		102	20	4
7440-70-2	CALCIUM	1000	1040	100		104	20	1
7440-47-3	CHROMIUM	50	50.5	1		101	20	1
7440-48-4	COBALT	10	10.7	0.5		107	20	0
7440-50-8	COPPER	100	105	2		105	20	1
7439-89-6	IRON	500	496	20		99	20	1
7439-92-1	LEAD	5	4.83	0.2		97	20	0
7439-95-4	MAGNESIUM	1000	977	10		98	20	3
7439-96-5	MANGANESE	10	10.3	0.75		103	20	1
7440-02-0	NICKEL	50	50.3	2		101	20	2
7440-09-7	POTASSIUM	500	485	100		97	20	5
7782-49-2	SELENIUM	10	10.1	1		101	20	5
7440-22-4	SILVER	1	1.03	0.114		103	20	4
7440-23-5	SODIUM	1000	1020	100		102	20	2
7440-28-0	THALLIUM	0.2	0.209	0.01		105	20	2
7440-62-2	VANADIUM	10	9.39	0.5		94	20	1
7440-66-6	ZINC	200	208	10		104	20	1

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Laboratory Control Sample

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: IM220613-6LCS

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 06/13/2022
Date Analyzed: 06/15/2022
Prep Method: SW3050B

Prep Batch: IP220613-6
QCBatchID: IP220613-6-1
Run ID: IM220615-10A2
Cleanup: NONE
Basis: N/A
File Name: 080_LCS.

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7429-90-5	ALUMINUM	500	505	15		101	80 - 120%
7440-36-0	ANTIMONY	3	3.17	0.1		106	80 - 120%
7440-38-2	ARSENIC	10	9.5	0.2		95	80 - 120%
7440-39-3	BARIUM	10	9.47	0.5		95	80 - 120%
7440-41-7	BERYLLIUM	5	5.31	0.05		106	80 - 120%
7440-43-9	CADMIUM	3	3.06	0.2		102	80 - 120%
7440-70-2	CALCIUM	1000	966	100		97	80 - 120%
7440-47-3	CHROMIUM	50	51	1		102	80 - 120%
7440-48-4	COBALT	10	10.7	0.5		107	80 - 120%
7440-50-8	COPPER	100	106	2		106	80 - 120%
7439-89-6	IRON	500	504	20		101	80 - 120%
7439-92-1	LEAD	5	4.92	0.2		98	80 - 120%
7439-95-4	MAGNESIUM	1000	1000	10		100	80 - 120%
7439-96-5	MANGANESE	10	10.3	0.75		103	80 - 120%
7440-02-0	NICKEL	50	51.4	2		103	80 - 120%
7440-09-7	POTASSIUM	500	501	100		100	80 - 120%
7782-49-2	SELENIUM	10	10.3	1		103	80 - 120%
7440-22-4	SILVER	1	1.04	0.114		104	80 - 120%
7440-23-5	SODIUM	1000	1040	100		104	80 - 120%
7440-28-0	THALLIUM	0.2	0.205	0.01		103	80 - 120%
7440-62-2	VANADIUM	10	9.47	0.5		95	80 - 120%
7440-66-6	ZINC	200	212	10		106	80 - 120%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: IM220614-1LCS

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 06/14/2022
Date Analyzed: 06/16/2022
Prep Method: SW3050B

Prep Batch: IP220614-1
QCBatchID: IP220614-1-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: N/A
File Name: 050_LCS.

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7429-90-5	ALUMINUM	500	485	15		97	80 - 120%
7440-36-0	ANTIMONY	3	2.99	0.1		100	80 - 120%
7440-38-2	ARSENIC	10	9.5	0.2		95	80 - 120%
7440-39-3	BARIUM	10	9.99	0.5		100	80 - 120%
7440-41-7	BERYLLIUM	5	4.77	0.05		95	80 - 120%
7440-43-9	CADMIUM	3	2.9	0.2		97	80 - 120%
7440-70-2	CALCIUM	1000	1020	100		102	80 - 120%
7440-47-3	CHROMIUM	50	48.5	1		97	80 - 120%
7440-48-4	COBALT	10	10.3	0.5		103	80 - 120%
7440-50-8	COPPER	100	108	2		108	80 - 120%
7439-89-6	IRON	500	462	20		92	80 - 120%
7439-92-1	LEAD	5	5.05	0.2		101	80 - 120%
7439-95-4	MAGNESIUM	1000	929	10		93	80 - 120%
7439-96-5	MANGANESE	10	10.1	0.75		101	80 - 120%
7440-02-0	NICKEL	50	53.7	2		107	80 - 120%
7440-09-7	POTASSIUM	500	468	100		94	80 - 120%
7782-49-2	SELENIUM	10	9.42	1		94	80 - 120%
7440-22-4	SILVER	1	1	0.114		100	80 - 120%
7440-23-5	SODIUM	1000	994	100		99	80 - 120%
7440-28-0	THALLIUM	0.2	0.209	0.01		105	80 - 120%
7440-62-2	VANADIUM	10	9.64	0.5		96	80 - 120%
7440-66-6	ZINC	200	196	10		98	80 - 120%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: IM220614-1LCSD

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 06/14/2022
Date Analyzed: 06/16/2022
Prep Method: SW3050B

Prep Batch: IP220614-1
QCBatchID: IP220614-1-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: N/A
File Name: 027_LCS.

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
7429-90-5	ALUMINUM	500	493	15		99	20	2
7440-36-0	ANTIMONY	3	3.06	0.1		102	20	3
7440-38-2	ARSENIC	10	9.63	0.2		96	20	1
7440-39-3	BARIUM	10	10	0.5		100	20	0
7440-41-7	BERYLLIUM	5	4.93	0.05		99	20	3
7440-43-9	CADMIUM	3	2.98	0.2		99	20	3
7440-70-2	CALCIUM	1000	1040	100		104	20	1
7440-47-3	CHROMIUM	50	48.5	1		97	20	0
7440-48-4	COBALT	10	10.4	0.5		104	20	1
7440-50-8	COPPER	100	109	2		109	20	0
7439-89-6	IRON	500	464	20		93	20	0
7439-92-1	LEAD	5	5.03	0.2		101	20	0
7439-95-4	MAGNESIUM	1000	948	10		95	20	2
7439-96-5	MANGANESE	10	10.2	0.75		102	20	2
7440-02-0	NICKEL	50	54.5	2		109	20	1
7440-09-7	POTASSIUM	500	474	100		95	20	1
7782-49-2	SELENIUM	10	9.55	1		95	20	1
7440-22-4	SILVER	1	1.02	0.114		102	20	1
7440-23-5	SODIUM	1000	1020	100		102	20	2
7440-28-0	THALLIUM	0.2	0.202	0.01		101	20	3
7440-62-2	VANADIUM	10	9.74	0.5		97	20	1
7440-66-6	ZINC	200	197	10		99	20	1

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Laboratory Control Sample

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: IM220614-2LCS

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 06/14/2022
Date Analyzed: 06/16/2022
Prep Method: SW3050B

Prep Batch: IP220614-2
QCBatchID: IP220614-2-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: N/A
File Name: 057_LCS.

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7429-90-5	ALUMINUM	500	497	15		99	80 - 120%
7440-36-0	ANTIMONY	3	3.06	0.1		102	80 - 120%
7440-38-2	ARSENIC	10	9.66	0.2		97	80 - 120%
7440-39-3	BARIUM	10	9.86	0.5		99	80 - 120%
7440-41-7	BERYLLIUM	5	4.84	0.05		97	80 - 120%
7440-43-9	CADMIUM	3	2.93	0.2		98	80 - 120%
7440-70-2	CALCIUM	1000	1020	100		102	80 - 120%
7440-47-3	CHROMIUM	50	47.8	1		96	80 - 120%
7440-48-4	COBALT	10	10.4	0.5		104	80 - 120%
7440-50-8	COPPER	100	107	2		107	80 - 120%
7439-89-6	IRON	500	461	20		92	80 - 120%
7439-92-1	LEAD	5	5.12	0.2		102	80 - 120%
7439-95-4	MAGNESIUM	1000	946	10		95	80 - 120%
7439-96-5	MANGANESE	10	10.3	0.75		103	80 - 120%
7440-02-0	NICKEL	50	54.3	2		109	80 - 120%
7440-09-7	POTASSIUM	500	463	100		93	80 - 120%
7782-49-2	SELENIUM	10	9.42	1		94	80 - 120%
7440-22-4	SILVER	1	0.995	0.114		100	80 - 120%
7440-23-5	SODIUM	1000	1010	100		101	80 - 120%
7440-28-0	THALLIUM	0.2	0.209	0.01		105	80 - 120%
7440-62-2	VANADIUM	10	9.75	0.5		97	80 - 120%
7440-66-6	ZINC	200	197	10		98	80 - 120%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Laboratory Control Sample

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: IM220614-3LCS

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 06/14/2022
Date Analyzed: 06/16/2022
Prep Method: SW3050B

Prep Batch: IP220614-3
QCBatchID: IP220614-3-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: N/A
File Name: 087_LCS.

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7429-90-5	ALUMINUM	500	487	15		97	80 - 120%
7440-36-0	ANTIMONY	3	3.02	0.1		101	80 - 120%
7440-38-2	ARSENIC	10	9.37	0.2		94	80 - 120%
7440-39-3	BARIUM	10	9.92	0.5		99	80 - 120%
7440-41-7	BERYLLIUM	5	4.67	0.05		93	80 - 120%
7440-43-9	CADMIUM	3	2.88	0.2		96	80 - 120%
7440-70-2	CALCIUM	1000	1060	100		106	80 - 120%
7440-47-3	CHROMIUM	50	47.1	1		94	80 - 120%
7440-48-4	COBALT	10	10.3	0.5		103	80 - 120%
7440-50-8	COPPER	100	107	2		107	80 - 120%
7439-89-6	IRON	500	459	20		92	80 - 120%
7439-92-1	LEAD	5	5.01	0.2		100	80 - 120%
7439-95-4	MAGNESIUM	1000	936	10		94	80 - 120%
7439-96-5	MANGANESE	10	10.2	0.75		102	80 - 120%
7440-02-0	NICKEL	50	53.5	2		107	80 - 120%
7440-09-7	POTASSIUM	500	461	100		92	80 - 120%
7782-49-2	SELENIUM	10	9.46	1		95	80 - 120%
7440-22-4	SILVER	1	0.971	0.114		97	80 - 120%
7440-23-5	SODIUM	1000	1000	100		100	80 - 120%
7440-28-0	THALLIUM	0.2	0.206	0.01		103	80 - 120%
7440-62-2	VANADIUM	10	9.6	0.5		96	80 - 120%
7440-66-6	ZINC	200	193	10		96	80 - 120%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: IM220614-4LCS

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 06/14/2022
Date Analyzed: 06/16/2022
Prep Method: SW3050B

Prep Batch: IP220614-4
QCBatchID: IP220614-4-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: N/A
File Name: 108_LCS.

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7429-90-5	ALUMINUM	500	492	15		98	80 - 120%
7440-36-0	ANTIMONY	3	3.01	0.1		100	80 - 120%
7440-38-2	ARSENIC	10	9.48	0.2		95	80 - 120%
7440-39-3	BARIUM	10	9.9	0.5		99	80 - 120%
7440-41-7	BERYLLIUM	5	4.62	0.05		92	80 - 120%
7440-43-9	CADMIUM	3	2.88	0.2		96	80 - 120%
7440-70-2	CALCIUM	1000	1050	100		105	80 - 120%
7440-47-3	CHROMIUM	50	47.6	1		95	80 - 120%
7440-48-4	COBALT	10	10.2	0.5		102	80 - 120%
7440-50-8	COPPER	100	107	2		107	80 - 120%
7439-89-6	IRON	500	456	20		91	80 - 120%
7439-92-1	LEAD	5	4.96	0.2		99	80 - 120%
7439-95-4	MAGNESIUM	1000	928	10		93	80 - 120%
7439-96-5	MANGANESE	10	10.1	0.75		101	80 - 120%
7440-02-0	NICKEL	50	53.2	2		106	80 - 120%
7440-09-7	POTASSIUM	500	465	100		93	80 - 120%
7782-49-2	SELENIUM	10	9.4	1		94	80 - 120%
7440-22-4	SILVER	1	0.97	0.114		97	80 - 120%
7440-23-5	SODIUM	1000	993	100		99	80 - 120%
7440-28-0	THALLIUM	0.2	0.204	0.01		102	80 - 120%
7440-62-2	VANADIUM	10	9.62	0.5		96	80 - 120%
7440-66-6	ZINC	200	196	10		98	80 - 120%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: IM220614-4LCSD

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 06/14/2022
Date Analyzed: 06/16/2022
Prep Method: SW3050B

Prep Batch: IP220614-4
QCBatchID: IP220614-4-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: N/A
File Name: 109_LCS.

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
7429-90-5	ALUMINUM	500	487	15		97	20	1
7440-36-0	ANTIMONY	3	3.05	0.1		102	20	1
7440-38-2	ARSENIC	10	9.37	0.2		94	20	1
7440-39-3	BARIUM	10	9.8	0.5		98	20	1
7440-41-7	BERYLLIUM	5	4.68	0.05		94	20	1
7440-43-9	CADMIUM	3	2.88	0.2		96	20	0
7440-70-2	CALCIUM	1000	1060	100		106	20	1
7440-47-3	CHROMIUM	50	47.9	1		96	20	1
7440-48-4	COBALT	10	10.3	0.5		103	20	1
7440-50-8	COPPER	100	108	2		108	20	1
7439-89-6	IRON	500	456	20		91	20	0
7439-92-1	LEAD	5	4.99	0.2		100	20	1
7439-95-4	MAGNESIUM	1000	927	10		93	20	0
7439-96-5	MANGANESE	10	10.1	0.75		101	20	1
7440-02-0	NICKEL	50	53.4	2		107	20	0
7440-09-7	POTASSIUM	500	467	100		93	20	0
7782-49-2	SELENIUM	10	9.49	1		95	20	1
7440-22-4	SILVER	1	0.985	0.114		99	20	2
7440-23-5	SODIUM	1000	987	100		99	20	1
7440-28-0	THALLIUM	0.2	0.204	0.01		102	20	0
7440-62-2	VANADIUM	10	9.61	0.5		96	20	0
7440-66-6	ZINC	200	195	10		98	20	0

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-06B-00-01
LabID: 2205638-40MS

Sample Matrix: SOIL
% Moisture: 1.0
Date Collected: 18-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-2
QCBatchID: IP220610-2-1
Run ID: IM220614-11A2
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1.011g
Final Volume: 100ml
Result Units: MG/KG
File Name: 073SMPL.

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
7429-90-5	ALUMINUM	7500		9040		15	500	312	75 - 125%
7440-36-0	ANTIMONY	1		1.81	N	0.0999	3	26	75 - 125%
7440-38-2	ARSENIC	50		58.5		0.2	9.99	87	75 - 125%
7440-39-3	BARIUM	130		149		0.5	9.99	207	75 - 125%
7440-41-7	BERYLLIUM	0.79		5.33		0.05	5	91	75 - 125%
7440-43-9	CADMIUM	23		26.6		0.2	3	110	75 - 125%
7440-70-2	CALCIUM	12000		12900		99.9	999	80	75 - 125%
7440-47-3	CHROMIUM	12		59.6		0.999	50	95	75 - 125%
7440-48-4	COBALT	8.2		17.6		0.5	9.99	94	75 - 125%
7440-50-8	COPPER	41		146		2	99.9	105	75 - 125%
7439-89-6	IRON	25000		25500		20	500	177	75 - 125%
7439-92-1	LEAD	180		181		0.2	5	69	75 - 125%
7439-95-4	MAGNESIUM	6100		7080		9.99	999	100	75 - 125%
7439-96-5	MANGANESE	2200		2430		7.49	9.99	2780	75 - 125%
7440-02-0	NICKEL	33		78.6		2	50	92	75 - 125%
7440-09-7	POTASSIUM	2700		3270		99.9	500	109	75 - 125%
7782-49-2	SELENIUM	2.3		11.4		0.999	9.99	91	75 - 125%
7440-22-4	SILVER	1.4		2.54		0.114	0.999	116	75 - 125%
7440-23-5	SODIUM	1000		2150		99.9	999	114	75 - 125%
7440-28-0	THALLIUM	0.3		0.51		0.00999	0.2	105	75 - 125%
7440-62-2	VANADIUM	34		44.5		0.5	9.99	108	75 - 125%
7440-66-6	ZINC	5500		5800		9.99	200	150	75 - 125%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-06B-00-01
LabID: 2205638-40MSD

Sample Matrix: SOIL
% Moisture: 1.0
Date Collected: 18-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-2
QCBatchID: IP220610-2-1
Run ID: IM220614-11A2
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1.012g
Final Volume: 100ml
Result Units: MG/KG
File Name: 077SMPL.

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
7429-90-5	ALUMINUM	9140		499	330	15	20	1
7440-36-0	ANTIMONY	1.88	N	2.99	28	0.0998	20	4
7440-38-2	ARSENIC	59.1		9.98	94	0.2	20	1
7440-39-3	BARIUM	149		9.98	212	0.499	20	0
7440-41-7	BERYLLIUM	5.36		4.99	92	0.0499	20	1
7440-43-9	CADMIUM	26.4		2.99	103	0.2	20	1
7440-70-2	CALCIUM	13100		998	96	99.8	20	1
7440-47-3	CHROMIUM	59.6		49.9	95	0.998	20	0
7440-48-4	COBALT	17.5		9.98	94	0.499	20	1
7440-50-8	COPPER	144		99.8	104	2	20	1
7439-89-6	IRON	25800		499	244	20	20	1
7439-92-1	LEAD	188		4.99	222	0.2	20	4
7439-95-4	MAGNESIUM	7090		998	101	9.98	20	0
7439-96-5	MANGANESE	2290		9.98	1363	7.49	20	6
7440-02-0	NICKEL	78.6		49.9	92	2	20	0
7440-09-7	POTASSIUM	3290		499	113	99.8	20	1
7782-49-2	SELENIUM	11.5		9.98	92	0.998	20	1
7440-22-4	SILVER	2.66	N	0.998	128	0.114	20	4
7440-23-5	SODIUM	2160		998	115	99.8	20	0
7440-28-0	THALLIUM	0.512		0.2	106	0.00998	20	0
7440-62-2	VANADIUM	45.3		9.98	116	0.499	20	2
7440-66-6	ZINC	5710		200	106	9.98	20	2

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-06B-01-06
LabID: 2205638-41MS

Sample Matrix: SOIL
% Moisture: 4.4
Date Collected: 18-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-5
QCBatchID: IP220610-5-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1.017 g
Final Volume: 100 ml
Result Units: MG/KG
File Name: 044SMPL.

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
7429-90-5	ALUMINUM	8700		9570		15.4	514	167	75 - 125%
7440-36-0	ANTIMONY	0.65		1.46	N	0.103	3.08	26	75 - 125%
7440-38-2	ARSENIC	56		63.4		0.206	10.3	76	75 - 125%
7440-39-3	BARIUM	130		145		0.514	10.3	113	75 - 125%
7440-41-7	BERYLLIUM	0.96		5.67		0.0514	5.14	92	75 - 125%
7440-43-9	CADMIUM	21		24.3		0.206	3.08	103	75 - 125%
7440-70-2	CALCIUM	22000		22400		103	1030	53	75 - 125%
7440-47-3	CHROMIUM	14		64.6		1.03	51.4	99	75 - 125%
7440-48-4	COBALT	10		19.6		0.514	10.3	90	75 - 125%
7440-50-8	COPPER	52		161		2.06	103	106	75 - 125%
7439-89-6	IRON	29000		29300		20.6	514	69	75 - 125%
7439-92-1	LEAD	220		220		0.206	5.14	8	75 - 125%
7439-95-4	MAGNESIUM	5700		6530		10.3	1030	81	75 - 125%
7439-96-5	MANGANESE	4000		3920		7.71	10.3	-480	75 - 125%
7440-02-0	NICKEL	40		87.7		2.06	51.4	93	75 - 125%
7440-09-7	POTASSIUM	2400		2920		103	514	101	75 - 125%
7782-49-2	SELENIUM	2.8		12.3		1.03	10.3	92	75 - 125%
7440-22-4	SILVER	1.4		2.5		0.117	1.03	106	75 - 125%
7440-23-5	SODIUM	440		1480		103	1030	101	75 - 125%
7440-28-0	THALLIUM	0.31		0.518		0.0103	0.206	101	75 - 125%
7440-62-2	VANADIUM	35		43.9		0.514	10.3	89	75 - 125%
7440-66-6	ZINC	5100		5130		10.3	206	32	75 - 125%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-06B-01-06
LabID: 2205638-41MSD

Sample Matrix: SOIL
% Moisture: 4.4
Date Collected: 18-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-5
QCBatchID: IP220610-5-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1.015g
Final Volume: 100ml
Result Units: MG/KG
File Name: 045SMPL.

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
7429-90-5	ALUMINUM	9380		515	130	15.5	20	2
7440-36-0	ANTIMONY	1.35	N	3.09	22	0.103	20	8
7440-38-2	ARSENIC	63.9		10.3	81	0.206	20	1
7440-39-3	BARIUM	153		10.3	186	0.515	20	5
7440-41-7	BERYLLIUM	5.61		5.15	90	0.0515	20	1
7440-43-9	CADMIUM	24.2		3.09	98	0.206	20	1
7440-70-2	CALCIUM	22300		1030	51	103	20	0
7440-47-3	CHROMIUM	64.1		51.5	98	1.03	20	1
7440-48-4	COBALT	19.5		10.3	89	0.515	20	0
7440-50-8	COPPER	159		103	104	2.06	20	2
7439-89-6	IRON	28400		515	-106	20.6	20	3
7439-92-1	LEAD	219		5.15	-3	0.206	20	0
7439-95-4	MAGNESIUM	6410		1030	69	10.3	20	2
7439-96-5	MANGANESE	3980		10.3	179	7.73	20	2
7440-02-0	NICKEL	87.3		51.5	92	2.06	20	0
7440-09-7	POTASSIUM	2850		515	87	103	20	2
7782-49-2	SELENIUM	12.1		10.3	90	1.03	20	1
7440-22-4	SILVER	2.41		1.03	97	0.117	20	4
7440-23-5	SODIUM	1450		1030	98	103	20	2
7440-28-0	THALLIUM	0.503		0.206	93	0.0103	20	3
7440-62-2	VANADIUM	44.2		10.3	92	0.515	20	1
7440-66-6	ZINC	5040		206	-9	10.3	20	2

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-13D-00-01
LabID: 2205638-80MS

Sample Matrix: SOIL
% Moisture: 1.8
Date Collected: 18-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-6
QCBatchID: IP220610-6-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1.005g
Final Volume: 100ml
Result Units: MG/KG
File Name: 074SMPL.

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
7429-90-5	ALUMINUM	7500		8700		15.2	507	236	75 - 125%
7440-36-0	ANTIMONY	1.3		1.93	N	0.101	3.04	20	75 - 125%
7440-38-2	ARSENIC	61		69.8		0.203	10.1	89	75 - 125%
7440-39-3	BARIUM	250		289		0.507	10.1	436	75 - 125%
7440-41-7	BERYLLIUM	0.96		5.51		0.0507	5.07	90	75 - 125%
7440-43-9	CADMIUM	2.3		5.37		0.203	3.04	100	75 - 125%
7440-70-2	CALCIUM	20000		20900		101	1010	114	75 - 125%
7440-47-3	CHROMIUM	16		66.6		1.01	50.7	100	75 - 125%
7440-48-4	COBALT	6.8		16		0.507	10.1	91	75 - 125%
7440-50-8	COPPER	55		170		2.03	101	113	75 - 125%
7439-89-6	IRON	29000		29400		20.3	507	59	75 - 125%
7439-92-1	LEAD	290		288		0.203	5.07	31	75 - 125%
7439-95-4	MAGNESIUM	4200		5180		10.1	1010	99	75 - 125%
7439-96-5	MANGANESE	690		704		0.76	10.1	95	75 - 125%
7440-02-0	NICKEL	19		69.2		2.03	50.7	98	75 - 125%
7440-09-7	POTASSIUM	3000		3570		101	507	106	75 - 125%
7782-49-2	SELENIUM	2.6		11.6		1.01	10.1	89	75 - 125%
7440-22-4	SILVER	2		3.17		0.116	1.01	115	75 - 125%
7440-23-5	SODIUM	250		1190		101	1010	93	75 - 125%
7440-28-0	THALLIUM	0.38		0.584		0.0101	0.203	100	75 - 125%
7440-62-2	VANADIUM	35		46.4		0.507	10.1	108	75 - 125%
7440-66-6	ZINC	520		710		10.1	203	93	75 - 125%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-13D-00-01
LabID: 2205638-80MSD

Sample Matrix: SOIL
% Moisture: 1.8
Date Collected: 18-May-22
Date Extracted: 10-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220610-6
QCBatchID: IP220610-6-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1.005 g
Final Volume: 100 ml
Result Units: MG/KG
File Name: 075SMPL.

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
7429-90-5	ALUMINUM	9020		507	299	15.2	20	4
7440-36-0	ANTIMONY	1.93	N	3.04	20	0.101	20	0
7440-38-2	ARSENIC	70.4		10.1	95	0.203	20	1
7440-39-3	BARIUM	292		10.1	466	0.507	20	1
7440-41-7	BERYLLIUM	5.5		5.07	89	0.0507	20	0
7440-43-9	CADMIUM	5.36		3.04	100	0.203	20	0
7440-70-2	CALCIUM	21100		1010	128	101	20	1
7440-47-3	CHROMIUM	67.2		50.7	101	1.01	20	1
7440-48-4	COBALT	16.1		10.1	92	0.507	20	1
7440-50-8	COPPER	166		101	110	2.03	20	2
7439-89-6	IRON	29800		507	152	20.3	20	2
7439-92-1	LEAD	288		5.07	31	0.203	20	0
7439-95-4	MAGNESIUM	5230		1010	103	10.1	20	1
7439-96-5	MANGANESE	720		10.1	257	0.76	20	2
7440-02-0	NICKEL	68.8		50.7	97	2.03	20	1
7440-09-7	POTASSIUM	3590		507	110	101	20	1
7782-49-2	SELENIUM	11.5		10.1	88	1.01	20	1
7440-22-4	SILVER	3		1.01	98	0.116	20	5
7440-23-5	SODIUM	1190		1010	93	101	20	1
7440-28-0	THALLIUM	0.596		0.203	106	0.0101	20	2
7440-62-2	VANADIUM	48		10.1	124	0.507	20	3
7440-66-6	ZINC	715		203	95	10.1	20	1

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-13D-01-06
LabID: 2205638-81MS

Sample Matrix: SOIL
% Moisture: 1.3
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-1
QCBatchID: IP220613-1-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
File Name: 083SMPL.

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
7429-90-5	ALUMINUM	7300		8850		15.2	506	301	75 - 125%
7440-36-0	ANTIMONY	1		1.68	N	0.101	3.04	22	75 - 125%
7440-38-2	ARSENIC	52		62.2		0.203	10.1	105	75 - 125%
7440-39-3	BARIUM	200		269		0.506	10.1	685	75 - 125%
7440-41-7	BERYLLIUM	1.2		5.78		0.0506	5.06	91	75 - 125%
7440-43-9	CADMIUM	2		5.26		0.203	3.04	106	75 - 125%
7440-70-2	CALCIUM	13000		14700		101	1010	132	75 - 125%
7440-47-3	CHROMIUM	14		65.7		1.01	50.6	103	75 - 125%
7440-48-4	COBALT	7.1		16.7		0.506	10.1	94	75 - 125%
7440-50-8	COPPER	45		157		2.03	101	110	75 - 125%
7439-89-6	IRON	29000		31000		20.3	506	326	75 - 125%
7439-92-1	LEAD	230		246		0.203	5.06	337	75 - 125%
7439-95-4	MAGNESIUM	3800		4840		10.1	1010	106	75 - 125%
7439-96-5	MANGANESE	800		815		0.76	10.1	167	75 - 125%
7440-02-0	NICKEL	23		78		2.03	50.6	108	75 - 125%
7440-09-7	POTASSIUM	2600		3290		101	506	132	75 - 125%
7782-49-2	SELENIUM	2.9		12		1.01	10.1	91	75 - 125%
7440-22-4	SILVER	1.5		2.57		0.115	1.01	109	75 - 125%
7440-23-5	SODIUM	170		1110		101	1010	93	75 - 125%
7440-28-0	THALLIUM	0.38		0.604		0.0101	0.203	112	75 - 125%
7440-62-2	VANADIUM	31		43.5		0.506	10.1	119	75 - 125%
7440-66-6	ZINC	400		609		10.1	203	102	75 - 125%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-13D-01-06
LabID: 2205638-81MSD

Sample Matrix: SOIL
% Moisture: 1.3
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-1
QCBatchID: IP220613-1-1
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1.001g
Final Volume: 100ml
Result Units: MG/KG
File Name: 084SMPL.

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
7429-90-5	ALUMINUM	8280		506	187	15.2	20	7
7440-36-0	ANTIMONY	1.78	N	3.04	26	0.101	20	6
7440-38-2	ARSENIC	61.7		10.1	100	0.202	20	1
7440-39-3	BARIUM	218		10.1	187	0.506	20	21
7440-41-7	BERYLLIUM	5.64		5.06	88	0.0506	20	2
7440-43-9	CADMIUM	5.2		3.04	105	0.202	20	1
7440-70-2	CALCIUM	14300		1010	101	101	20	2
7440-47-3	CHROMIUM	63		50.6	98	1.01	20	4
7440-48-4	COBALT	16.2		10.1	89	0.506	20	3
7440-50-8	COPPER	153		101	107	2.02	20	2
7439-89-6	IRON	29200		506	-33	20.2	20	6
7439-92-1	LEAD	238		5.06	177	0.202	20	3
7439-95-4	MAGNESIUM	4690		1010	92	10.1	20	3
7439-96-5	MANGANESE	788		10.1	-102	0.759	20	3
7440-02-0	NICKEL	72.6		50.6	97	2.02	20	7
7440-09-7	POTASSIUM	3110		506	97	101	20	6
7782-49-2	SELENIUM	11.9		10.1	89	1.01	20	1
7440-22-4	SILVER	2.67		1.01	119	0.115	20	4
7440-23-5	SODIUM	1090		1010	91	101	20	2
7440-28-0	THALLIUM	0.587		0.202	104	0.0101	20	3
7440-62-2	VANADIUM	41.4		10.1	99	0.506	20	5
7440-66-6	ZINC	605		202	100	10.1	20	1

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-14D-00-01
LabID: 2205638-88MS

Sample Matrix: SOIL
% Moisture: 1.8
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-1
QCBatchID: IP220613-1-2
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1.001g
Final Volume: 100ml
Result Units: MG/KG
File Name: 096SMPL.

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
7429-90-5	ALUMINUM	5500		6870		15.3	509	262	75 - 125%
7440-36-0	ANTIMONY	0.95		2.01	N	0.102	3.05	35	75 - 125%
7440-38-2	ARSENIC	42		53.1		0.204	10.2	104	75 - 125%
7440-39-3	BARIUM	170		200		0.509	10.2	273	75 - 125%
7440-41-7	BERYLLIUM	0.81		5.46		0.0509	5.09	91	75 - 125%
7440-43-9	CADMIUM	1.6		4.82		0.204	3.05	107	75 - 125%
7440-70-2	CALCIUM	31000		34500		102	1020	309	75 - 125%
7440-47-3	CHROMIUM	12		64.8		1.02	50.9	104	75 - 125%
7440-48-4	COBALT	5.4		15		0.509	10.2	95	75 - 125%
7440-50-8	COPPER	49		158		2.04	102	108	75 - 125%
7439-89-6	IRON	21000		22300		20.4	509	322	75 - 125%
7439-92-1	LEAD	190		201		0.204	5.09	263	75 - 125%
7439-95-4	MAGNESIUM	6500		7840		10.2	1020	130	75 - 125%
7439-96-5	MANGANESE	630		665		0.763	10.2	296	75 - 125%
7440-02-0	NICKEL	19		71.3		2.04	50.9	103	75 - 125%
7440-09-7	POTASSIUM	2100		2710		102	509	120	75 - 125%
7782-49-2	SELENIUM	1.8		11.3		1.02	10.2	93	75 - 125%
7440-22-4	SILVER	1.3		2.41		0.116	1.02	108	75 - 125%
7440-23-5	SODIUM	260		1210		102	1020	93	75 - 125%
7440-28-0	THALLIUM	0.28		0.509		0.0102	0.204	111	75 - 125%
7440-62-2	VANADIUM	27		39.3		0.509	10.2	119	75 - 125%
7440-66-6	ZINC	450		660		10.2	204	105	75 - 125%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-14D-00-01
LabID: 2205638-88MSD

Sample Matrix: SOIL
% Moisture: 1.8
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-1
QCBatchID: IP220613-1-2
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1.003 g
Final Volume: 100 ml
Result Units: MG/KG
File Name: 097SMPL.

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
7429-90-5	ALUMINUM	6340		508	160	15.2	20	8
7440-36-0	ANTIMONY	1.91	N	3.05	32	0.102	20	5
7440-38-2	ARSENIC	48.6		10.2	60	0.203	20	9
7440-39-3	BARIUM	182		10.2	99	0.508	20	9
7440-41-7	BERYLLIUM	4.92		5.08	81	0.0508	20	11
7440-43-9	CADMIUM	4.42		3.05	94	0.203	20	9
7440-70-2	CALCIUM	31100		1020	-22	102	20	10
7440-47-3	CHROMIUM	56.6		50.8	88	1.02	20	13
7440-48-4	COBALT	13.5		10.2	80	0.508	20	11
7440-50-8	COPPER	142		102	92	2.03	20	11
7439-89-6	IRON	20500		508	-50	20.3	20	9
7439-92-1	LEAD	189		5.08	36	0.203	20	6
7439-95-4	MAGNESIUM	7090		1020	56	10.2	20	10
7439-96-5	MANGANESE	596		10.2	-379	0.762	20	11
7440-02-0	NICKEL	63.9		50.8	88	2.03	20	11
7440-09-7	POTASSIUM	2510		508	82	102	20	8
7782-49-2	SELENIUM	10.5		10.2	86	1.02	20	7
7440-22-4	SILVER	2.82	N	1.02	149	0.116	20	16
7440-23-5	SODIUM	1100		1020	83	102	20	9
7440-28-0	THALLIUM	0.481		0.203	98	0.0102	20	6
7440-62-2	VANADIUM	35.7		10.2	84	0.508	20	9
7440-66-6	ZINC	603		203	78	10.2	20	9

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-14D-01-06
LabID: 2205638-90MS

Sample Matrix: SOIL
% Moisture: 2.4
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-1
QCBatchID: IP220613-1-3
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1.008g
Final Volume: 100ml
Result Units: MG/KG
File Name: 103SMPL.

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
7429-90-5	ALUMINUM	6300		7670		15.2	508	264	75 - 125%
7440-36-0	ANTIMONY	0.88		1.65	N	0.102	3.05	25	75 - 125%
7440-38-2	ARSENIC	42		52.5		0.203	10.2	108	75 - 125%
7440-39-3	BARIUM	170		196		0.508	10.2	218	75 - 125%
7440-41-7	BERYLLIUM	0.97		5.22		0.0508	5.08	84	75 - 125%
7440-43-9	CADMIUM	1.7		4.61		0.203	3.05	96	75 - 125%
7440-70-2	CALCIUM	22000		24300		102	1020	192	75 - 125%
7440-47-3	CHROMIUM	12		58.4		1.02	50.8	92	75 - 125%
7440-48-4	COBALT	5.9		14.8		0.508	10.2	88	75 - 125%
7440-50-8	COPPER	40		144		2.03	102	102	75 - 125%
7439-89-6	IRON	24000		24500		20.3	508	159	75 - 125%
7439-92-1	LEAD	200		208		0.203	5.08	118	75 - 125%
7439-95-4	MAGNESIUM	6000		7100		10.2	1020	109	75 - 125%
7439-96-5	MANGANESE	640		669		0.762	10.2	251	75 - 125%
7440-02-0	NICKEL	26		72.7		2.03	50.8	92	75 - 125%
7440-09-7	POTASSIUM	2200		2710		102	508	108	75 - 125%
7782-49-2	SELENIUM	2.2		10.9		1.02	10.2	85	75 - 125%
7440-22-4	SILVER	1.4		2.4		0.116	1.02	99	75 - 125%
7440-23-5	SODIUM	160		1060		102	1020	88	75 - 125%
7440-28-0	THALLIUM	0.31		0.518		0.0102	0.203	104	75 - 125%
7440-62-2	VANADIUM	26		37.9		0.508	10.2	112	75 - 125%
7440-66-6	ZINC	340		532		10.2	203	97	75 - 125%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-14D-01-06
LabID: 2205638-90MSD

Sample Matrix: SOIL
% Moisture: 2.4
Date Collected: 18-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 14-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-1
QCBatchID: IP220613-1-3
Run ID: IM220614-12A2
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1.004 g
Final Volume: 100 ml
Result Units: MG/KG
File Name: 104SMPL.

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
7429-90-5	ALUMINUM	8160		510	361	15.3	20	6
7440-36-0	ANTIMONY	1.88	N	3.06	33	0.102	20	13
7440-38-2	ARSENIC	54.5		10.2	127	0.204	20	4
7440-39-3	BARIUM	213		10.2	375	0.51	20	8
7440-41-7	BERYLLIUM	5.7		5.1	93	0.051	20	9
7440-43-9	CADMIUM	4.92		3.06	106	0.204	20	7
7440-70-2	CALCIUM	25600		1020	320	102	20	5
7440-47-3	CHROMIUM	63.1		51	101	1.02	20	8
7440-48-4	COBALT	16.1		10.2	100	0.51	20	8
7440-50-8	COPPER	155		102	112	2.04	20	7
7439-89-6	IRON	26900		510	629	20.4	20	9
7439-92-1	LEAD	227		5.1	483	0.204	20	9
7439-95-4	MAGNESIUM	7530		1020	151	10.2	20	6
7439-96-5	MANGANESE	710		10.2	646	0.765	20	6
7440-02-0	NICKEL	78.3		51	102	2.04	20	7
7440-09-7	POTASSIUM	2870		510	138	102	20	5
7782-49-2	SELENIUM	11.8		10.2	94	1.02	20	8
7440-22-4	SILVER	2.51		1.02	109	0.116	20	5
7440-23-5	SODIUM	1100		1020	92	102	20	4
7440-28-0	THALLIUM	0.547		0.204	118	0.0102	20	5
7440-62-2	VANADIUM	40.6	N	10.2	138	0.51	20	7
7440-66-6	ZINC	566		204	113	10.2	20	6

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-43A-00-01
LabID: 2205638-180MS

Sample Matrix: SOIL
% Moisture: 0.9
Date Collected: 17-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-6
QCBatchID: IP220613-6-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1.026 g
Final Volume: 100 ml
Result Units: MG/KG
File Name: 011SMPL.

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
7429-90-5	ALUMINUM	8500		10000		14.7	492	302	75 - 125%
7440-36-0	ANTIMONY	0.42		1.15	N	0.0983	2.95	25	75 - 125%
7440-38-2	ARSENIC	29		38.9		0.197	9.83	101	75 - 125%
7440-39-3	BARIUM	170		196		0.492	9.83	282	75 - 125%
7440-41-7	BERYLLIUM	0.75		5.34		0.0492	4.92	93	75 - 125%
7440-43-9	CADMIUM	1.2		4.11		0.197	2.95	100	75 - 125%
7440-70-2	CALCIUM	13000		14400		98.3	983	145	75 - 125%
7440-47-3	CHROMIUM	15		66.4		0.983	49.2	104	75 - 125%
7440-48-4	COBALT	14		23.9		0.492	9.83	100	75 - 125%
7440-50-8	COPPER	40		146		1.97	98.3	108	75 - 125%
7439-89-6	IRON	29000		30400		19.7	492	285	75 - 125%
7439-92-1	LEAD	53		61.6		0.197	4.92	168	75 - 125%
7439-95-4	MAGNESIUM	4300		5380		9.83	983	107	75 - 125%
7439-96-5	MANGANESE	730		741		0.737	9.83	117	75 - 125%
7440-02-0	NICKEL	29		79.7		1.97	49.2	104	75 - 125%
7440-09-7	POTASSIUM	2200		2790		98.3	492	113	75 - 125%
7782-49-2	SELENIUM	3.9		12.8		0.983	9.83	90	75 - 125%
7440-22-4	SILVER	0.39		1.44		0.112	0.983	106	75 - 125%
7440-23-5	SODIUM	220		1230		98.3	983	103	75 - 125%
7440-28-0	THALLIUM	0.33		0.549		0.00983	0.197	111	75 - 125%
7440-62-2	VANADIUM	29		41.1		0.492	9.83	124	75 - 125%
7440-66-6	ZINC	170		361		9.83	197	99	75 - 125%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-43A-00-01
LabID: 2205638-180MSD

Sample Matrix: SOIL
% Moisture: 0.9
Date Collected: 17-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-6
QCBatchID: IP220613-6-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1.025 g
Final Volume: 100 ml
Result Units: MG/KG
File Name: 012SMPL.

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
7429-90-5	ALUMINUM	9870		492	273	14.8	20	1
7440-36-0	ANTIMONY	1.18	N	2.95	26	0.0984	20	3
7440-38-2	ARSENIC	39.5		9.84	107	0.197	20	2
7440-39-3	BARIUM	192		9.84	245	0.492	20	2
7440-41-7	BERYLLIUM	5.3		4.92	92	0.0492	20	1
7440-43-9	CADMIUM	4.23		2.95	104	0.197	20	3
7440-70-2	CALCIUM	14600		984	161	98.4	20	1
7440-47-3	CHROMIUM	66.7		49.2	104	0.984	20	0
7440-48-4	COBALT	23.8		9.84	99	0.492	20	0
7440-50-8	COPPER	149		98.4	112	1.97	20	2
7439-89-6	IRON	30700		492	343	19.7	20	1
7439-92-1	LEAD	61.8		4.92	173	0.197	20	0
7439-95-4	MAGNESIUM	5360		984	105	9.84	20	1
7439-96-5	MANGANESE	762		9.84	334	0.738	20	3
7440-02-0	NICKEL	80.8		49.2	106	1.97	20	1
7440-09-7	POTASSIUM	2770		492	110	98.4	20	1
7782-49-2	SELENIUM	13		9.84	92	0.984	20	2
7440-22-4	SILVER	1.45		0.984	107	0.112	20	1
7440-23-5	SODIUM	1260		984	105	98.4	20	2
7440-28-0	THALLIUM	0.549		0.197	111	0.00984	20	0
7440-62-2	VANADIUM	41.1		9.84	124	0.492	20	0
7440-66-6	ZINC	366		197	102	9.84	20	1

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-43A-01-06
LabID: 2205638-181MS

Sample Matrix: SOIL
% Moisture: 1.8
Date Collected: 17-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-6
QCBatchID: IP220613-6-2
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1.023g
Final Volume: 100ml
Result Units: MG/KG
File Name: 016SMPL.

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
7429-90-5	ALUMINUM	8900		10400		14.9	497	305	75 - 125%
7440-36-0	ANTIMONY	0.39		1.07	N	0.0995	2.98	22	75 - 125%
7440-38-2	ARSENIC	28		37.4		0.199	9.95	96	75 - 125%
7440-39-3	BARIUM	170		215		0.497	9.95	470	75 - 125%
7440-41-7	BERYLLIUM	0.78		5.31		0.0497	4.97	91	75 - 125%
7440-43-9	CADMIUM	1.2		4.31		0.199	2.98	103	75 - 125%
7440-70-2	CALCIUM	14000		15000		99.5	995	116	75 - 125%
7440-47-3	CHROMIUM	20		71		0.995	49.7	103	75 - 125%
7440-48-4	COBALT	15		24.7		0.497	9.95	99	75 - 125%
7440-50-8	COPPER	41		148		1.99	99.5	107	75 - 125%
7439-89-6	IRON	32000		32500		19.9	497	172	75 - 125%
7439-92-1	LEAD	50		56.3		0.199	4.97	127	75 - 125%
7439-95-4	MAGNESIUM	4500		5490		9.95	995	103	75 - 125%
7439-96-5	MANGANESE	750		783		0.746	9.95	339	75 - 125%
7440-02-0	NICKEL	33		84		1.99	49.7	103	75 - 125%
7440-09-7	POTASSIUM	2300		2760		99.5	497	102	75 - 125%
7782-49-2	SELENIUM	4.1		13		0.995	9.95	89	75 - 125%
7440-22-4	SILVER	0.35		1.43		0.113	0.995	109	75 - 125%
7440-23-5	SODIUM	250		1300		99.5	995	105	75 - 125%
7440-28-0	THALLIUM	0.36		0.561		0.00995	0.199	103	75 - 125%
7440-62-2	VANADIUM	30		42.7	N	0.497	9.95	129	75 - 125%
7440-66-6	ZINC	180		377		9.95	199	99	75 - 125%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-43A-01-06
LabID: 2205638-181MSD

Sample Matrix: SOIL
% Moisture: 1.8
Date Collected: 17-May-22
Date Extracted: 13-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220613-6
QCBatchID: IP220613-6-2
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1.024 g
Final Volume: 100 ml
Result Units: MG/KG
File Name: 017SMPL.

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
7429-90-5	ALUMINUM	10700		497	357	14.9	20	2
7440-36-0	ANTIMONY	1.11	N	2.98	24	0.0994	20	4
7440-38-2	ARSENIC	38.5		9.94	108	0.199	20	3
7440-39-3	BARIUM	205		9.94	374	0.497	20	5
7440-41-7	BERYLLIUM	5.36		4.97	92	0.0497	20	1
7440-43-9	CADMIUM	4.32		2.98	103	0.199	20	0
7440-70-2	CALCIUM	15300		994	147	99.4	20	2
7440-47-3	CHROMIUM	73.5		49.7	108	0.994	20	3
7440-48-4	COBALT	24.8		9.94	100	0.497	20	0
7440-50-8	COPPER	150		99.4	110	1.99	20	2
7439-89-6	IRON	32300		497	132	19.9	20	1
7439-92-1	LEAD	58.5		4.97	172	0.199	20	4
7439-95-4	MAGNESIUM	5500		994	104	9.94	20	0
7439-96-5	MANGANESE	794		9.94	449	0.745	20	1
7440-02-0	NICKEL	86.1		49.7	108	1.99	20	3
7440-09-7	POTASSIUM	2730		497	95	99.4	20	1
7782-49-2	SELENIUM	13.4		9.94	94	0.994	20	3
7440-22-4	SILVER	1.43		0.994	108	0.113	20	0
7440-23-5	SODIUM	1310		994	107	99.4	20	1
7440-28-0	THALLIUM	0.574		0.199	109	0.00994	20	2
7440-62-2	VANADIUM	43.2	N	9.94	135	0.497	20	1
7440-66-6	ZINC	379		199	100	9.94	20	0

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA11-00-01
LabID: 2205638-225MS

Sample Matrix: SOIL
% Moisture: 3.3
Date Collected: 19-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-2
QCBatchID: IP220614-2-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1.008g
Final Volume: 100ml
Result Units: MG/KG
File Name: 081SMPL.

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
7429-90-5	ALUMINUM	7300		8300		15.4	513	194	75 - 125%
7440-36-0	ANTIMONY	1.1		1.69	N	0.103	3.08	20	75 - 125%
7440-38-2	ARSENIC	54		62.2		0.205	10.3	82	75 - 125%
7440-39-3	BARIUM	190		215		0.513	10.3	232	75 - 125%
7440-41-7	BERYLLIUM	0.72		5.08		0.0513	5.13	85	75 - 125%
7440-43-9	CADMIUM	1.7		4.6		0.205	3.08	96	75 - 125%
7440-70-2	CALCIUM	13000		13900		103	1030	78	75 - 125%
7440-47-3	CHROMIUM	12		60.7		1.03	51.3	96	75 - 125%
7440-48-4	COBALT	11		20.3		0.513	10.3	90	75 - 125%
7440-50-8	COPPER	44		148		2.05	103	101	75 - 125%
7439-89-6	IRON	31000		31700		20.5	513	152	75 - 125%
7439-92-1	LEAD	200		205		0.205	5.13	184	75 - 125%
7439-95-4	MAGNESIUM	4000		4850		10.3	1030	86	75 - 125%
7439-96-5	MANGANESE	870		854		0.77	10.3	-183	75 - 125%
7440-02-0	NICKEL	22		71		2.05	51.3	95	75 - 125%
7440-09-7	POTASSIUM	2900		3420		103	513	102	75 - 125%
7782-49-2	SELENIUM	3.1		12.2		1.03	10.3	89	75 - 125%
7440-22-4	SILVER	1.5		2.52		0.117	1.03	104	75 - 125%
7440-23-5	SODIUM	150		1050		103	1030	87	75 - 125%
7440-28-0	THALLIUM	0.38		0.574		0.0103	0.205	93	75 - 125%
7440-62-2	VANADIUM	35		44.7		0.513	10.3	99	75 - 125%
7440-66-6	ZINC	310		496		10.3	205	91	75 - 125%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA11-00-01
LabID: 2205638-225MSD

Sample Matrix: SOIL
% Moisture: 3.3
Date Collected: 19-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-2
QCBatchID: IP220614-2-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1.008g
Final Volume: 100ml
Result Units: MG/KG
File Name: 082SMPL.

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
7429-90-5	ALUMINUM	8600		513	254	15.4	20	4
7440-36-0	ANTIMONY	1.73	N	3.08	21	0.103	20	2
7440-38-2	ARSENIC	65		10.3	109	0.205	20	4
7440-39-3	BARIUM	224		10.3	315	0.513	20	4
7440-41-7	BERYLLIUM	5.19		5.13	87	0.0513	20	2
7440-43-9	CADMIUM	4.73		3.08	100	0.205	20	3
7440-70-2	CALCIUM	14300		1030	115	103	20	3
7440-47-3	CHROMIUM	61.6		51.3	98	1.03	20	1
7440-48-4	COBALT	20.4		10.3	91	0.513	20	0
7440-50-8	COPPER	152		103	105	2.05	20	2
7439-89-6	IRON	31800		513	167	20.5	20	0
7439-92-1	LEAD	209		5.13	271	0.205	20	2
7439-95-4	MAGNESIUM	4890		1030	89	10.3	20	1
7439-96-5	MANGANESE	884		10.3	111	0.77	20	3
7440-02-0	NICKEL	73.6		51.3	100	2.05	20	4
7440-09-7	POTASSIUM	3430		513	103	103	20	0
7782-49-2	SELENIUM	12.4		10.3	91	1.03	20	2
7440-22-4	SILVER	2.65		1.03	117	0.117	20	5
7440-23-5	SODIUM	1090		1030	92	103	20	4
7440-28-0	THALLIUM	0.596		0.205	104	0.0103	20	4
7440-62-2	VANADIUM	46.3		10.3	114	0.513	20	3
7440-66-6	ZINC	507		205	96	10.3	20	2

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA11-01-06
LabID: 2205638-226MS

Sample Matrix: SOIL
% Moisture: 4.4
Date Collected: 19-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-3
QCBatchID: IP220614-3-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1.003 g
Final Volume: 100 ml
Result Units: MG/KG
File Name: 090SMPL.

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
7429-90-5	ALUMINUM	7200		9120		15.6	521	377	75 - 125%
7440-36-0	ANTIMONY	1.3		1.84	N	0.104	3.13	19	75 - 125%
7440-38-2	ARSENIC	68		81.4		0.209	10.4	133	75 - 125%
7440-39-3	BARIUM	160		174		0.521	10.4	153	75 - 125%
7440-41-7	BERYLLIUM	0.76		5.46		0.0521	5.21	90	75 - 125%
7440-43-9	CADMIUM	2.3		5.46		0.209	3.13	102	75 - 125%
7440-70-2	CALCIUM	15000		16800		104	1040	135	75 - 125%
7440-47-3	CHROMIUM	11		64.8		1.04	52.1	104	75 - 125%
7440-48-4	COBALT	12		22.7		0.521	10.4	99	75 - 125%
7440-50-8	COPPER	50		162		2.09	104	108	75 - 125%
7439-89-6	IRON	36000		39400		20.9	521	599	75 - 125%
7439-92-1	LEAD	300		320		0.209	5.21	354	75 - 125%
7439-95-4	MAGNESIUM	4000		5140		10.4	1040	111	75 - 125%
7439-96-5	MANGANESE	1100		1160		0.782	10.4	661	75 - 125%
7440-02-0	NICKEL	28		81.8		2.09	52.1	104	75 - 125%
7440-09-7	POTASSIUM	2300		2960		104	521	131	75 - 125%
7782-49-2	SELENIUM	3.1		12.8		1.04	10.4	93	75 - 125%
7440-22-4	SILVER	2.1		4.43	N	0.119	1.04	224	75 - 125%
7440-23-5	SODIUM	170		1160		104	1040	95	75 - 125%
7440-28-0	THALLIUM	0.48		0.727		0.0104	0.209	119	75 - 125%
7440-62-2	VANADIUM	35		48.8	N	0.521	10.4	134	75 - 125%
7440-66-6	ZINC	360		579		10.4	209	106	75 - 125%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020B

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA11-01-06
LabID: 2205638-226MSD

Sample Matrix: SOIL
% Moisture: 4.4
Date Collected: 19-May-22
Date Extracted: 14-Jun-22
Date Analyzed: 16-Jun-22
Prep Method: SW3050 Rev B

Prep Batch: IP220614-3
QCBatchID: IP220614-3-1
Run ID: IM220616-10A2
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 1.004 g
Final Volume: 100 ml
Result Units: MG/KG
File Name: 091SMPL.

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
7429-90-5	ALUMINUM	8760		521	309	15.6	20	4
7440-36-0	ANTIMONY	1.79	N	3.12	17	0.104	20	3
7440-38-2	ARSENIC	79		10.4	110	0.208	20	3
7440-39-3	BARIUM	158		10.4	4	0.521	20	9
7440-41-7	BERYLLIUM	5.21		5.21	85	0.0521	20	5
7440-43-9	CADMIUM	5.31		3.12	97	0.208	20	3
7440-70-2	CALCIUM	16500		1040	98	104	20	2
7440-47-3	CHROMIUM	61.2		52.1	97	1.04	20	6
7440-48-4	COBALT	21.7		10.4	89	0.521	20	4
7440-50-8	COPPER	152		104	98	2.08	20	7
7439-89-6	IRON	37200		521	164	20.8	20	6
7439-92-1	LEAD	303		5.21	24	0.208	20	6
7439-95-4	MAGNESIUM	5000		1040	99	10.4	20	3
7439-96-5	MANGANESE	1110		10.4	170	0.781	20	5
7440-02-0	NICKEL	79.5		52.1	99	2.08	20	3
7440-09-7	POTASSIUM	2780		521	98	104	20	6
7782-49-2	SELENIUM	12.3		10.4	89	1.04	20	4
7440-22-4	SILVER	3.19	*	1.04	106	0.119	20	33
7440-23-5	SODIUM	1120		1040	91	104	20	4
7440-28-0	THALLIUM	0.7		0.208	106	0.0104	20	4
7440-62-2	VANADIUM	46.6		10.4	113	0.521	20	5
7440-66-6	ZINC	549		208	92	10.4	20	5

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Analytical Spike Sample Recovery

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-06B-00-01

LabID: 2205638-40A

Run ID: IM220614-11A2

Date Analyzed: 6/14/2022

Result Units: mg/l

Target Analyte	Sample Result	Samp Qual	PS Result	PS Qual	Spike Added	PS % Rec.	Control Limits
ANTIMONY	0.00104		0.00393		0.003	96	75 - 125%
SILVER	0.00139		0.00236		0.001	97	75 - 125%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Analytical Spike Sample Recovery

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-06B-01-06

LabID: 2205638-41A

Run ID: IM220614-12A2

Date Analyzed: 6/14/2022

Result Units: mg/l

Target Analyte	Sample Result	Samp Qual	PS Result	PS Qual	Spike Added	PS % Rec.	Control Limits
ANTIMONY	0.000634		0.00350		0.003	95	75 - 125%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Analytical Spike Sample Recovery

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-13D-00-01

LabID: 2205638-80A

Run ID: IM220614-12A2

Date Analyzed: 6/14/2022

Result Units: mg/l

Target Analyte	Sample Result	Samp Qual	PS Result	PS Qual	Spike Added	PS % Rec.	Control Limits
ANTIMONY	0.00130		0.00413		0.003	94	75 - 125%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Analytical Spike Sample Recovery

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-13D-01-06

LabID: 2205638-81A

Run ID: IM220614-12A2

Date Analyzed: 6/14/2022

Result Units: mg/l

Target Analyte	Sample Result	Samp Qual	PS Result	PS Qual	Spike Added	PS % Rec.	Control Limits
ANTIMONY	0.000995		0.00375		0.003	92	75 - 125%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Analytical Spike Sample Recovery

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-14D-00-01

LabID: 2205638-88A

Run ID: IM220614-12A2

Date Analyzed: 6/14/2022

Result Units: mg/l

Target Analyte	Sample Result	Samp Qual	PS Result	PS Qual	Spike Added	PS % Rec.	Control Limits
ANTIMONY	0.000937		0.00372		0.003	93	75 - 125%
SILVER	0.00129		0.00230		0.001	101	75 - 125%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Analytical Spike Sample Recovery

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-14D-01-06

LabID: 2205638-90A

Run ID: IM220614-12A2

Date Analyzed: 6/14/2022

Result Units: mg/l

Target Analyte	Sample Result	Samp Qual	PS Result	PS Qual	Spike Added	PS % Rec.	Control Limits
ANTIMONY	0.000860		0.00368		0.003	94	75 - 125%
VANADIUM	0.0259		0.0343		0.01	84	75 - 125%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Analytical Spike Sample Recovery

Lab Name: **ALS -- Fort Collins**

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-43A-00-01

LabID: 2205638-180A

Run ID: IM220616-10A2

Date Analyzed: 6/16/2022

Result Units: mg/l

Target Analyte	Sample Result	Samp Qual	PS Result	PS Qual	Spike Added	PS % Rec.	Control Limits
ANTIMONY	0.000431		0.00338		0.003	98	75 - 125%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Analytical Spike Sample Recovery

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-43A-01-06

LabID: 2205638-181A

Run ID: IM220616-10A2

Date Analyzed: 6/16/2022

Result Units: mg/l

Target Analyte	Sample Result	Samp Qual	PS Result	PS Qual	Spike Added	PS % Rec.	Control Limits
ANTIMONY	0.000398		0.00325		0.003	95	75 - 125%
VANADIUM	0.0301		0.0402		0.01	100	75 - 125%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Analytical Spike Sample Recovery

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA11-00-01
LabID: 2205638-225A

Run ID: IM220616-10A2
Date Analyzed: 6/16/2022
Result Units: mg/l

Target Analyte	Sample Result	Samp Qual	PS Result	PS Qual	Spike Added	PS % Rec.	Control Limits
ANTIMONY	0.00105		0.00393		0.003	96	75 - 125%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Analytical Spike Sample Recovery

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA11-01-06

LabID: 2205638-226A

Run ID: IM220616-10A2

Date Analyzed: 6/16/2022

Result Units: mg/l

Target Analyte	Sample Result	Samp Qual	PS Result	PS Qual	Spike Added	PS % Rec.	Control Limits
ANTIMONY	0.00121		0.00414		0.003	98	75 - 125%
SILVER	0.00200		0.00300		0.001	100	75 - 125%
VANADIUM	0.0334		0.0426		0.01	92	75 - 125%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Serial Dilution

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-06B-00-01

Lab ID: 2205638-40L

Run ID: IM220614-11A2

Date Analyzed: 14-Jun-22

Result Units: mg/l

CASNO	Target Analyte	Sample Result	Samp Qual	SD Result	SD Qual	EPA Qualifier	%D
7429-90-5	ALUMINUM	7.52		7.77			3
7440-36-0	ANTIMONY	0.00104		0.00110	J		
7440-38-2	ARSENIC	0.0500		0.0518			4
7440-39-3	BARIUM	0.129		0.127			1
7440-41-7	BERYLLIUM	0.000796		0.000810	J		2
7440-43-9	CADMIUM	0.0234		0.0233			0
7440-70-2	CALCIUM	12.2		12.3			1
7440-47-3	CHROMIUM	0.0122		0.0119	J		
7440-48-4	COBALT	0.00820		0.00864	J		5
7440-50-8	COPPER	0.0407		0.0414	J		2
7439-89-6	IRON	24.7		24.6			0
7439-92-1	LEAD	0.178		0.175			2
7439-95-4	MAGNESIUM	6.11		6.32			3
7439-96-5	MANGANESE	0.216		0.234			8
7440-02-0	NICKEL	0.0329		0.0328	J		0
7440-09-7	POTASSIUM	2.74		2.71			1
7782-49-2	SELENIUM	0.00230		0.00212	J		
7440-22-4	SILVER	0.00139		0.00140	J		
7440-23-5	SODIUM	1.01		1.05	J		4
7440-28-0	THALLIUM	0.000302		0.000305	J		
7440-62-2	VANADIUM	0.0338		0.0334			1
7440-66-6	ZINC	5.52		5.70			3

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Serial Dilution

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-06B-01-06

Lab ID: 2205638-41L

Run ID: IM220614-12A2

Date Analyzed: 14-Jun-22

Result Units: mg/l

CASNO	Target Analyte	Sample Result	Samp Qual	SD Result	SD Qual	EPA Qualifier	%D
7429-90-5	ALUMINUM	8.47		8.74			3
7440-36-0	ANTIMONY	0.000634		0.000675	J		
7440-38-2	ARSENIC	0.0540		0.0563			4
7440-39-3	BARIUM	0.130		0.127			2
7440-41-7	BERYLLIUM	0.000929		0.000940	J		1
7440-43-9	CADMIUM	0.0205		0.0205			0
7440-70-2	CALCIUM	21.2		21.8			3
7440-47-3	CHROMIUM	0.0133		0.0131	J		
7440-48-4	COBALT	0.0100		0.0105	J		5
7440-50-8	COPPER	0.0505		0.0504			0
7439-89-6	IRON	28.1		27.6			2
7439-92-1	LEAD	0.213		0.207			3
7439-95-4	MAGNESIUM	5.54		5.82			5
7439-96-5	MANGANESE	0.385		0.377			2
7440-02-0	NICKEL	0.0388		0.0390	J		0
7440-09-7	POTASSIUM	2.34		2.26	J		3
7782-49-2	SELENIUM	0.00270		0.00270	J		
7440-22-4	SILVER	0.00138		0.00142	J		
7440-23-5	SODIUM	0.428		0.433	J		
7440-28-0	THALLIUM	0.000302		0.000290	J		
7440-62-2	VANADIUM	0.0337		0.0344			2
7440-66-6	ZINC	4.92		5.14			5

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Serial Dilution

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-13D-00-01

Lab ID: 2205638-80L

Run ID: IM220614-12A2

Date Analyzed: 14-Jun-22

Result Units: mg/l

CASNO	Target Analyte	Sample Result	Samp Qual	SD Result	SD Qual	EPA Qualifier	%D
7429-90-5	ALUMINUM	7.38		7.65			4
7440-36-0	ANTIMONY	0.00130		0.00140	J		
7440-38-2	ARSENIC	0.0597		0.0614			3
7440-39-3	BARIUM	0.241		0.235			2
7440-41-7	BERYLLIUM	0.000946		0.000985	J		4
7440-43-9	CADMIUM	0.00228		0.00226	J		1
7440-70-2	CALCIUM	19.4		20.3			4
7440-47-3	CHROMIUM	0.0158		0.0157	J		
7440-48-4	COBALT	0.00672		0.00711	J		6
7440-50-8	COPPER	0.0543		0.0540			0
7439-89-6	IRON	28.6		28.2			1
7439-92-1	LEAD	0.281		0.274			3
7439-95-4	MAGNESIUM	4.11		4.38			7
7439-96-5	MANGANESE	0.682		0.714			5
7440-02-0	NICKEL	0.0191		0.0190	J		
7440-09-7	POTASSIUM	2.98		2.92			2
7782-49-2	SELENIUM	0.00251		0.00232	J		
7440-22-4	SILVER	0.00197		0.00188	J		
7440-23-5	SODIUM	0.244		0.238	J		
7440-28-0	THALLIUM	0.000375		0.000380			
7440-62-2	VANADIUM	0.0349		0.0355			2
7440-66-6	ZINC	0.513		0.513			0

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Serial Dilution

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-13D-01-06

Lab ID: 2205638-81L

Run ID: IM220614-12A2

Date Analyzed: 14-Jun-22

Result Units: mg/l

CASNO	Target Analyte	Sample Result	Samp Qual	SD Result	SD Qual	EPA Qualifier	%D
7429-90-5	ALUMINUM	7.26		7.55			4
7440-36-0	ANTIMONY	0.000995		0.00113	J		
7440-38-2	ARSENIC	0.0511		0.0539			5
7440-39-3	BARIUM	0.197		0.196			1
7440-41-7	BERYLLIUM	0.00117		0.00119	J		1
7440-43-9	CADMIUM	0.00201		0.00196	J		2
7440-70-2	CALCIUM	13.2		13.4			2
7440-47-3	CHROMIUM	0.0135		0.0134	J		
7440-48-4	COBALT	0.00708		0.00766	J		8
7440-50-8	COPPER	0.0446		0.0447	J		0
7439-89-6	IRON	29.1		28.7			1
7439-92-1	LEAD	0.227		0.221			3
7439-95-4	MAGNESIUM	3.73		3.99			7
7439-96-5	MANGANESE	0.791		0.831			5
7440-02-0	NICKEL	0.0232		0.0229	J		1
7440-09-7	POTASSIUM	2.59		2.50	J		4
7782-49-2	SELENIUM	0.00284		0.00261	J		
7440-22-4	SILVER	0.00145		0.00148	J		
7440-23-5	SODIUM	0.166		0.155	J		
7440-28-0	THALLIUM	0.000373		0.000375			
7440-62-2	VANADIUM	0.0311		0.0321			3
7440-66-6	ZINC	0.398		0.406			2

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Serial Dilution

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-14D-00-01

Lab ID: 2205638-88L

Run ID: IM220614-12A2

Date Analyzed: 14-Jun-22

Result Units: mg/l

CASNO	Target Analyte	Sample Result	Samp Qual	SD Result	SD Qual	EPA Qualifier	%D
7429-90-5	ALUMINUM	5.46		5.38			1
7440-36-0	ANTIMONY	0.000937		0.000970	J		
7440-38-2	ARSENIC	0.0419		0.0416			1
7440-39-3	BARIUM	0.169		0.164			4
7440-41-7	BERYLLIUM	0.000798		0.000805	J		1
7440-43-9	CADMIUM	0.00154		0.00154	J		
7440-70-2	CALCIUM	30.9		30.4			2
7440-47-3	CHROMIUM	0.0118		0.0114	J		
7440-48-4	COBALT	0.00531		0.00548	J		3
7440-50-8	COPPER	0.0480		0.0475	J		1
7439-89-6	IRON	20.4		20.2			1
7439-92-1	LEAD	0.185		0.180			3
7439-95-4	MAGNESIUM	6.43		6.65			3
7439-96-5	MANGANESE	0.626		0.627			0
7440-02-0	NICKEL	0.0188		0.0186	J		
7440-09-7	POTASSIUM	2.07		1.97	J		5
7782-49-2	SELENIUM	0.00180		0.00184	J		
7440-22-4	SILVER	0.00129		0.00132	J		
7440-23-5	SODIUM	0.256		0.225	J		
7440-28-0	THALLIUM	0.000279		0.000265	J		
7440-62-2	VANADIUM	0.0268		0.0266			1
7440-66-6	ZINC	0.439		0.449			2

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Serial Dilution

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-14D-01-06

Lab ID: 2205638-90L

Run ID: IM220614-12A2

Date Analyzed: 14-Jun-22

Result Units: mg/l

CASNO	Target Analyte	Sample Result	Samp Qual	SD Result	SD Qual	EPA Qualifier	%D
7429-90-5	ALUMINUM	6.19		6.30			2
7440-36-0	ANTIMONY	0.000860		0.000955	J		
7440-38-2	ARSENIC	0.0406		0.0418			3
7440-39-3	BARIUM	0.171		0.173			1
7440-41-7	BERYLLIUM	0.000954		0.000965	J		1
7440-43-9	CADMIUM	0.00165		0.00164	J		
7440-70-2	CALCIUM	21.9		22.2			2
7440-47-3	CHROMIUM	0.0116		0.0116	J		
7440-48-4	COBALT	0.00580		0.00613	J		6
7440-50-8	COPPER	0.0395		0.0394	J		0
7439-89-6	IRON	23.2		23.1			1
7439-92-1	LEAD	0.198		0.190			4
7439-95-4	MAGNESIUM	5.87		6.03			3
7439-96-5	MANGANESE	0.630		0.649			3
7440-02-0	NICKEL	0.0256		0.0254	J		1
7440-09-7	POTASSIUM	2.12		2.05	J		3
7782-49-2	SELENIUM	0.00217		0.00210	J		
7440-22-4	SILVER	0.00137		0.00140	J		
7440-23-5	SODIUM	0.161		0.145	J		
7440-28-0	THALLIUM	0.000300		0.000305	J		
7440-62-2	VANADIUM	0.0259		0.0266			3
7440-66-6	ZINC	0.328		0.334			2

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Serial Dilution

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-43A-00-01

Lab ID: 2205638-180L

Run ID: IM220616-10A2

Date Analyzed: 16-Jun-22

Result Units: mg/l

CASNO	Target Analyte	Sample Result	Samp Qual	SD Result	SD Qual	EPA Qualifier	%D
7429-90-5	ALUMINUM	8.68		9.45			9
7440-36-0	ANTIMONY	0.000431		0.000440	J		
7440-38-2	ARSENIC	0.0295		0.0315			7
7440-39-3	BARIUM	0.171		0.180			5
7440-41-7	BERYLLIUM	0.000764		0.000810	J		6
7440-43-9	CADMIUM	0.00118		0.00112	J		
7440-70-2	CALCIUM	13.2		14.2			7
7440-47-3	CHROMIUM	0.0157		0.0156	J		
7440-48-4	COBALT	0.0144		0.0155			8
7440-50-8	COPPER	0.0403		0.0401	J		1
7439-89-6	IRON	29.5		29.3			1
7439-92-1	LEAD	0.0543		0.0539			1
7439-95-4	MAGNESIUM	4.41		4.63			5
7439-96-5	MANGANESE	0.742		0.799			8
7440-02-0	NICKEL	0.0290		0.0314	J		8
7440-09-7	POTASSIUM	2.27		2.24	J		1
7782-49-2	SELENIUM	0.00401		0.00394	J		
7440-22-4	SILVER	0.000402		0.000400	J		
7440-23-5	SODIUM	0.226		0.241	J		
7440-28-0	THALLIUM	0.000337		0.000345	J		
7440-62-2	VANADIUM	0.0294		0.0309			5
7440-66-6	ZINC	0.169		0.172	J		

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Serial Dilution

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-43A-01-06

Lab ID: 2205638-181L

Run ID: IM220616-10A2

Date Analyzed: 16-Jun-22

Result Units: mg/l

CASNO	Target Analyte	Sample Result	Samp Qual	SD Result	SD Qual	EPA Qualifier	%D
7429-90-5	ALUMINUM	8.97		9.61			7
7440-36-0	ANTIMONY	0.000398		0.000410	J		
7440-38-2	ARSENIC	0.0281		0.0299			7
7440-39-3	BARIUM	0.170		0.178			5
7440-41-7	BERYLLIUM	0.000786		0.000820	J		4
7440-43-9	CADMIUM	0.00126		0.00118	J		
7440-70-2	CALCIUM	14.0		14.8			5
7440-47-3	CHROMIUM	0.0200		0.0196	J		
7440-48-4	COBALT	0.0151		0.0163			8
7440-50-8	COPPER	0.0415		0.0406	J		2
7439-89-6	IRON	32.0		31.4			2
7439-92-1	LEAD	0.0504		0.0506			0
7439-95-4	MAGNESIUM	4.51		4.77			6
7439-96-5	MANGANESE	0.757		0.831			10
7440-02-0	NICKEL	0.0328		0.0351	J		7
7440-09-7	POTASSIUM	2.28		2.23	J		2
7782-49-2	SELENIUM	0.00409		0.00406	J		
7440-22-4	SILVER	0.000356		0.000355	J		
7440-23-5	SODIUM	0.250		0.263	J		
7440-28-0	THALLIUM	0.000360		0.000350	J		
7440-62-2	VANADIUM	0.0301		0.0313			4
7440-66-6	ZINC	0.182		0.183	J		

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Serial Dilution

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA11-00-01

Lab ID: 2205638-225L

Run ID: IM220616-10A2

Date Analyzed: 16-Jun-22

Result Units: mg/l

CASNO	Target Analyte	Sample Result	Samp Qual	SD Result	SD Qual	EPA Qualifier	%D
7429-90-5	ALUMINUM	7.12		7.50			5
7440-36-0	ANTIMONY	0.00105		0.00110	J		
7440-38-2	ARSENIC	0.0525		0.0551			5
7440-39-3	BARIUM	0.187		0.195			4
7440-41-7	BERYLLIUM	0.000698		0.000690	J		1
7440-43-9	CADMIUM	0.00161		0.00156	J		
7440-70-2	CALCIUM	12.8		12.9			1
7440-47-3	CHROMIUM	0.0112		0.0111	J		
7440-48-4	COBALT	0.0108		0.0114	J		6
7440-50-8	COPPER	0.0431		0.0430	J		0
7439-89-6	IRON	30.2		30.2			0
7439-92-1	LEAD	0.191		0.185			3
7439-95-4	MAGNESIUM	3.87		4.08			5
7439-96-5	MANGANESE	0.851		0.906			6
7440-02-0	NICKEL	0.0219		0.0228	J		
7440-09-7	POTASSIUM	2.83		2.77			2
7782-49-2	SELENIUM	0.00298		0.00288	J		
7440-22-4	SILVER	0.00142		0.00142	J		
7440-23-5	SODIUM	0.148		0.148	J		
7440-28-0	THALLIUM	0.000373		0.000375			
7440-62-2	VANADIUM	0.0337		0.0345			2
7440-66-6	ZINC	0.301		0.306			2

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Serial Dilution

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Field ID: GS-CA11-01-06

Lab ID: 2205638-226L

Run ID: IM220616-10A2

Date Analyzed: 16-Jun-22

Result Units: mg/l

CASNO	Target Analyte	Sample Result	Samp Qual	SD Result	SD Qual	EPA Qualifier	%D
7429-90-5	ALUMINUM	6.86		7.30			6
7440-36-0	ANTIMONY	0.00121		0.00130	J		
7440-38-2	ARSENIC	0.0647		0.0682			5
7440-39-3	BARIUM	0.151		0.156			3
7440-41-7	BERYLLIUM	0.000733		0.000770	J		5
7440-43-9	CADMIUM	0.00217		0.00220	J		1
7440-70-2	CALCIUM	14.8		15.4			4
7440-47-3	CHROMIUM	0.0104		0.0103	J		
7440-48-4	COBALT	0.0119		0.0129			8
7440-50-8	COPPER	0.0477		0.0471	J		1
7439-89-6	IRON	34.8		34.5			1
7439-92-1	LEAD	0.289		0.287			1
7439-95-4	MAGNESIUM	3.81		4.12			8
7439-96-5	MANGANESE	1.04		1.14			9
7440-02-0	NICKEL	0.0265		0.0278	J		5
7440-09-7	POTASSIUM	2.18		2.16	J		1
7782-49-2	SELENIUM	0.00296		0.00289	J		
7440-22-4	SILVER	0.00200		0.00202	J		
7440-23-5	SODIUM	0.165		0.169	J		
7440-28-0	THALLIUM	0.000459		0.000450			
7440-62-2	VANADIUM	0.0334		0.0342			3
7440-66-6	ZINC	0.343		0.352			3

Data Package ID: *IM2205638-1*

Prep Batch ID: IP220609-2

Start Date: 06/09/22
Start Time: 9:46
Prep Analyst: Erika T. Camire

End Date: 06/09/22
End Time: 18:00

Concentration Method: NONE
Extract Method: SW3010A
Initial Volume Units: ml
Final Volume Units: ml

Batch Created By: etc
Date Created: 06/09/22
Time Created: 9:46
Validated By: etc
Date Validated: 06/09/22
Time Validated: 10:08

Comments:

QC Batch ID: IP220609-2-2

Lab ID	QC Type	Field ID	Matrix	Date Collected	Initial Wt/Vol	Final Wt/Vol	Cleanup Method	Cleanup DF	Order Number
IP220609-2	MB	XXXXXX	WATER	XXXXXX	50	50	NONE	1	2205638
IM220609-2	LCS	XXXXXX	WATER	XXXXXX	50	50	NONE	1	2205638
IM220609-2	LCSD	XXXXXX	WATER	XXXXXX	50	50	NONE	1	2205638
2205638-246	SMP	GS-FB01	WATER	5/16/2022	50	50	NONE	1	2205638
2205638-251	SMP	GS-RB01	WATER	5/16/2022	50	50	NONE	1	2205638
2205638-252	SMP	GS-RB02	WATER	5/17/2022	50	50	NONE	1	2205638
2205638-253	SMP	GS-RB03	WATER	5/18/2022	50	50	NONE	1	2205638
2205638-254	SMP	GS-RB04	WATER	5/19/2022	50	50	NONE	1	2205638

QC Types

CAR	Carrier reference sample	DLS	Detection Limit Standard	
DUP	Laboratory Duplicate	LCS	Laboratory Control Sample	
LCSD	Laboratory Control Sample Duplicate	LODV	Limit of Detection Verification	
LOQV	Limit of Quantitation Verification	MB	Method Blank	
MS	Laboratory Matrix Spike	MSD	Laboratory Matrix Spike Duplicate	
REP	Sample replicate	RVS	Reporting Level Verification Standar	
SMP	Field Sample	SYS	Sample Yield Spike	

Prep Batch ID: IP220610-1

Start Date: 06/10/22
Start Time: 9:21
Prep Analyst: Erika T. Camire

End Date: 06/10/22
End Time: 18:00

Concentration Method: NONE
Extract Method: SW3050B
Initial Volume Units: g
Final Volume Units: ml

Batch Created By: etc
Date Created: 06/10/22
Time Created: 9:21
Validated By: etc
Date Validated: 06/10/22
Time Validated: 9:28

Comments:

QC Batch ID: IP220610-1-1

Lab ID	QC Type	Field ID	Matrix	Date Collected	Initial Wt/Vol	Final Wt/Vol	Cleanup Method	Cleanup DF	Order Number
IP220610-1	MB	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2205638
IM220610-1	LCS	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2205638
IM220610-1	LCSD	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2205638
2205638-1	SMP	GS-01A-00-01	SOIL	5/17/2022	1.031	100	NONE	1	2205638
2205638-10	SMP	GS-02B-00-01	SOIL	5/18/2022	1.008	100	NONE	1	2205638
2205638-11	SMP	GS-02B-01-06	SOIL	5/18/2022	1	100	NONE	1	2205638
2205638-12	SMP	GS-02E-00-01	SOIL	5/19/2022	1.003	100	NONE	1	2205638
2205638-13	SMP	GS-02E-01-06	SOIL	5/19/2022	1.008	100	NONE	1	2205638
2205638-14	SMP	GS-03A-00-01	SOIL	5/17/2022	1.001	100	NONE	1	2205638
2205638-15	SMP	GS-03A-01-06	SOIL	5/17/2022	1.002	100	NONE	1	2205638
2205638-16	SMP	GS-03B-00-01	SOIL	5/18/2022	1.009	100	NONE	1	2205638
2205638-17	SMP	GS-03B-01-06	SOIL	5/18/2022	1.003	100	NONE	1	2205638
2205638-18	SMP	GS-03E-00-01	SOIL	5/19/2022	1.022	100	NONE	1	2205638
2205638-19	SMP	GS-03E-00-01-DUP	SOIL	5/19/2022	1.001	100	NONE	1	2205638
2205638-2	SMP	GS-01A-01-06	SOIL	5/17/2022	1.007	100	NONE	1	2205638
2205638-20	SMP	GS-03E-00-01-TRI	SOIL	5/19/2022	1.003	100	NONE	1	2205638
2205638-21	SMP	GS-03E-01-06	SOIL	5/19/2022	1.003	100	NONE	1	2205638
2205638-3	SMP	GS-01B-00-01	SOIL	5/18/2022	1.018	100	NONE	1	2205638
2205638-4	SMP	GS-01B-01-06	SOIL	5/18/2022	1.004	100	NONE	1	2205638
2205638-5	SMP	GS-01E-00-01	SOIL	5/19/2022	1.021	100	NONE	1	2205638
2205638-7	SMP	GS-01E-01-06	SOIL	5/19/2022	1.009	100	NONE	1	2205638
2205638-8	SMP	GS-02A-00-01	SOIL	5/17/2022	1.021	100	NONE	1	2205638
2205638-9	SMP	GS-02A-01-06	SOIL	5/17/2022	1.003	100	NONE	1	2205638

Prep Batch ID: IP220610-1

Start Date: 06/10/22
Start Time: 9:21
Prep Analyst: Erika T. Camire

End Date: 06/10/22
End Time: 18:00

Concentration Method: NONE
Extract Method: SW3050B
Initial Volume Units: g
Final Volume Units: ml

Batch Created By: etc
Date Created: 06/10/22
Time Created: 9:21
Validated By: etc
Date Validated: 06/10/22
Time Validated: 9:28

Comments:

QC Types

CAR	Carrier reference sample		DLS	Detection Limit Standard	
DUP	Laboratory Duplicate		LCS	Laboratory Control Sample	
LCSD	Laboratory Control Sample Duplicate		LODV	Limit of Detection Verification	
LOQV	Limit of Quantitation Verification		MB	Method Blank	
MS	Laboratory Matrix Spike		MSD	Laboratory Matrix Spike Duplicate	
REP	Sample replicate		RVS	Reporting Level Verification Standar	
SMP	Field Sample		SYS	Sample Yield Spike	

Prep Batch ID: IP220610-2

Start Date: 06/10/22
Start Time: 9:30
Prep Analyst: Erika T. Camire

End Date: 06/10/22
End Time: 18:00

Concentration Method: NONE
Extract Method: SW3050B
Initial Volume Units: g
Final Volume Units: ml

Batch Created By: etc
Date Created: 06/10/22
Time Created: 9:30
Validated By: etc
Date Validated: 06/10/22
Time Validated: 9:38

Comments:

QC Batch ID: IP220610-2-1

Lab ID	QC Type	Field ID	Matrix	Date Collected	Initial Wt/Vol	Final Wt/Vol	Cleanup Method	Cleanup DF	Order Number
IP220610-2	MB	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2205638
IM220610-2	LCS	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2205638
2205638-40	MS	GS-06B-00-01	SOIL	5/18/2022	1.011	100	NONE	1	2205638
2205638-40	MSD	GS-06B-00-01	SOIL	5/18/2022	1.012	100	NONE	1	2205638
2205638-22	SMP	GS-03E-01-06-DUP	SOIL	5/19/2022	1.003	100	NONE	1	2205638
2205638-23	SMP	GS-03E-01-06-TRI	SOIL	5/19/2022	1.003	100	NONE	1	2205638
2205638-24	SMP	GS-04A-00-01	SOIL	5/17/2022	1.021	100	NONE	1	2205638
2205638-25	SMP	GS-04A-00-01-DUP	SOIL	5/17/2022	1.008	100	NONE	1	2205638
2205638-26	SMP	GS-04A-00-01-TRI	SOIL	5/17/2022	1.006	100	NONE	1	2205638
2205638-27	SMP	GS-04A-01-06	SOIL	5/17/2022	1.011	100	NONE	1	2205638
2205638-28	SMP	GS-04A-01-06-DUP	SOIL	5/17/2022	1.004	100	NONE	1	2205638
2205638-29	SMP	GS-04A-01-06-TRI	SOIL	5/17/2022	1.012	100	NONE	1	2205638
2205638-30	SMP	GS-04B-00-01	SOIL	5/18/2022	1.002	100	NONE	1	2205638
2205638-31	SMP	GS-04B-01-06	SOIL	5/18/2022	1.012	100	NONE	1	2205638
2205638-32	SMP	GS-04E-00-01	SOIL	5/19/2022	1.003	100	NONE	1	2205638
2205638-33	SMP	GS-04E-01-06	SOIL	5/19/2022	1.015	100	NONE	1	2205638
2205638-34	SMP	GS-05A-00-01	SOIL	5/17/2022	1.016	100	NONE	1	2205638
2205638-35	SMP	GS-05A-01-06	SOIL	5/17/2022	1	100	NONE	1	2205638
2205638-36	SMP	GS-05B-00-01	SOIL	5/18/2022	1.034	100	NONE	1	2205638
2205638-37	SMP	GS-05B-01-06	SOIL	5/18/2022	1.017	100	NONE	1	2205638
2205638-38	SMP	GS-06A-00-01	SOIL	5/17/2022	1.012	100	NONE	1	2205638
2205638-39	SMP	GS-06A-01-06	SOIL	5/17/2022	1.006	100	NONE	1	2205638
2205638-40	SMP	GS-06B-00-01	SOIL	5/18/2022	1.014	100	NONE	1	2205638

Prep Batch ID: IP220610-2

Start Date: 06/10/22
Start Time: 9:30
Prep Analyst: Erika T. Camire

End Date: 06/10/22
End Time: 18:00

Concentration Method: NONE
Extract Method: SW3050B
Initial Volume Units: g
Final Volume Units: ml

Batch Created By: etc
Date Created: 06/10/22
Time Created: 9:30
Validated By: etc
Date Validated: 06/10/22
Time Validated: 9:38

Comments:

QC Types

CAR	Carrier reference sample		DLS	Detection Limit Standard	
DUP	Laboratory Duplicate		LCS	Laboratory Control Sample	
LCSD	Laboratory Control Sample Duplicate		LODV	Limit of Detection Verification	
LOQV	Limit of Quantitation Verification		MB	Method Blank	
MS	Laboratory Matrix Spike		MSD	Laboratory Matrix Spike Duplicate	
REP	Sample replicate		RVS	Reporting Level Verification Standar	
SMP	Field Sample		SYS	Sample Yield Spike	

Prep Batch ID: IP220610-5

Start Date: 06/10/22
Start Time: 11:54
Prep Analyst: Erika T. Camire

End Date: 06/10/22
End Time: 18:00

Concentration Method: NONE
Extract Method: SW3050B
Initial Volume Units: g
Final Volume Units: ml

Batch Created By: etc
Date Created: 06/10/22
Time Created: 11:54
Validated By: etc
Date Validated: 06/10/22
Time Validated: 12:04

Comments:

QC Batch ID: IP220610-5-1

Lab ID	QC Type	Field ID	Matrix	Date Collected	Initial Wt/Vol	Final Wt/Vol	Cleanup Method	Cleanup DF	Order Number
IP220610-5	MB	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2205638
IM220610-5	LCS	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2205638
2205638-41	MS	GS-06B-01-06	SOIL	5/18/2022	1.017	100	NONE	1	2205638
2205638-41	MSD	GS-06B-01-06	SOIL	5/18/2022	1.015	100	NONE	1	2205638
2205638-41	SMP	GS-06B-01-06	SOIL	5/18/2022	1.016	100	NONE	1	2205638
2205638-42	SMP	GS-06E-00-01	SOIL	5/19/2022	1.003	100	NONE	1	2205638
2205638-43	SMP	GS-06E-01-06	SOIL	5/19/2022	1.02	100	NONE	1	2205638
2205638-44	SMP	GS-07A-00-01	SOIL	5/17/2022	1.006	100	NONE	1	2205638
2205638-45	SMP	GS-07A-01-06	SOIL	5/17/2022	1.001	100	NONE	1	2205638
2205638-46	SMP	GS-07A1-00-01	SOIL	5/17/2022	1.004	100	NONE	1	2205638
2205638-47	SMP	GS-07A1-01-06	SOIL	5/17/2022	1.004	100	NONE	1	2205638
2205638-48	SMP	GS-07B-00-01	SOIL	5/18/2022	1.002	100	NONE	1	2205638
2205638-49	SMP	GS-07B-01-06	SOIL	5/18/2022	1.031	100	NONE	1	2205638
2205638-50	SMP	GS-07E-00-01	SOIL	5/19/2022	1.008	100	NONE	1	2205638
2205638-51	SMP	GS-07E-01-06	SOIL	5/19/2022	1.014	100	NONE	1	2205638
2205638-52	SMP	GS-08A-00-01	SOIL	5/17/2022	1.017	100	NONE	1	2205638
2205638-53	SMP	GS-08A-01-06	SOIL	5/17/2022	1.005	100	NONE	1	2205638
2205638-54	SMP	GS-08B-00-01	SOIL	5/18/2022	1.014	100	NONE	1	2205638
2205638-55	SMP	GS-08B-01-06	SOIL	5/18/2022	1.003	100	NONE	1	2205638
2205638-56	SMP	GS-08E-00-01	SOIL	5/19/2022	1.017	100	NONE	1	2205638
2205638-57	SMP	GS-08E-01-06	SOIL	5/19/2022	1.004	100	NONE	1	2205638
2205638-58	SMP	GS-09B-00-01	SOIL	5/18/2022	1.014	100	NONE	1	2205638
2205638-59	SMP	GS-09B-01-06	SOIL	5/18/2022	1.002	100	NONE	1	2205638
2205638-60	SMP	GS-09E-00-01	SOIL	5/19/2022	1.011	100	NONE	1	2205638

Prep Batch ID: IP220610-5

Start Date: 06/10/22
Start Time: 11:54
Prep Analyst: Erika T. Camire

End Date: 06/10/22
End Time: 18:00

Concentration Method: NONE
Extract Method: SW3050B
Initial Volume Units: g
Final Volume Units: ml

Batch Created By: etc
Date Created: 06/10/22
Time Created: 11:54
Validated By: etc
Date Validated: 06/10/22
Time Validated: 12:04

Comments:

QC Types

CAR	Carrier reference sample		DLS	Detection Limit Standard	
DUP	Laboratory Duplicate		LCS	Laboratory Control Sample	
LCSD	Laboratory Control Sample Duplicate		LODV	Limit of Detection Verification	
LOQV	Limit of Quantitation Verification		MB	Method Blank	
MS	Laboratory Matrix Spike		MSD	Laboratory Matrix Spike Duplicate	
REP	Sample replicate		RVS	Reporting Level Verification Standar	
SMP	Field Sample		SYS	Sample Yield Spike	

Prep Batch ID: IP220610-6

Start Date: 06/10/22
Start Time: 12:05
Prep Analyst: Erika T. Camire

End Date: 06/10/22
End Time: 18:00

Concentration Method: NONE
Extract Method: SW3050B
Initial Volume Units: g
Final Volume Units: ml

Batch Created By: etc
Date Created: 06/10/22
Time Created: 12:05
Validated By: etc
Date Validated: 06/10/22
Time Validated: 12:12

Comments:

QC Batch ID: IP220610-6-1

Lab ID	QC Type	Field ID	Matrix	Date Collected	Initial Wt/Vol	Final Wt/Vol	Cleanup Method	Cleanup DF	Order Number
IP220610-6	MB	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2205638
IM220610-6	LCS	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2205638
2205638-80	MS	GS-13D-00-01	SOIL	5/18/2022	1.005	100	NONE	1	2205638
2205638-80	MSD	GS-13D-00-01	SOIL	5/18/2022	1.005	100	NONE	1	2205638
2205638-62	SMP	GS-09E-01-06	SOIL	5/19/2022	1.007	100	NONE	1	2205638
2205638-63	SMP	GS-10B-00-01	SOIL	5/17/2022	1.032	100	NONE	1	2205638
2205638-64	SMP	GS-10B-01-06	SOIL	5/17/2022	1.012	100	NONE	1	2205638
2205638-65	SMP	GS-11B-00-01	SOIL	5/17/2022	1.011	100	NONE	1	2205638
2205638-66	SMP	GS-11B-00-01-DUP	SOIL	5/17/2022	1.02	100	NONE	1	2205638
2205638-67	SMP	GS-11B-00-01-TRI	SOIL	5/17/2022	1.001	100	NONE	1	2205638
2205638-68	SMP	GS-11B-01-06	SOIL	5/17/2022	1.023	100	NONE	1	2205638
2205638-69	SMP	GS-11B-01-06-DUP	SOIL	5/17/2022	1.005	100	NONE	1	2205638
2205638-70	SMP	GS-11B-01-06-TRI	SOIL	5/17/2022	1.015	100	NONE	1	2205638
2205638-71	SMP	GS-11D-00-01	SOIL	5/18/2022	1.013	100	NONE	1	2205638
2205638-72	SMP	GS-11D-01-06	SOIL	5/18/2022	1.015	100	NONE	1	2205638
2205638-73	SMP	GS-12B-00-01	SOIL	5/17/2022	1.013	100	NONE	1	2205638
2205638-74	SMP	GS-12B-01-06	SOIL	5/17/2022	1.026	100	NONE	1	2205638
2205638-75	SMP	GS-12D-00-01	SOIL	5/18/2022	1.001	100	NONE	1	2205638
2205638-76	SMP	GS-12D-01-06	SOIL	5/18/2022	1.002	100	NONE	1	2205638
2205638-77	SMP	GS-13B-00-01	SOIL	5/18/2022	1.017	100	NONE	1	2205638
2205638-79	SMP	GS-13B-10-06	SOIL	5/18/2022	1.003	100	NONE	1	2205638
2205638-80	SMP	GS-13D-00-01	SOIL	5/18/2022	1.001	100	NONE	1	2205638

Prep Batch ID: IP220610-6

Start Date: 06/10/22
Start Time: 12:05
Prep Analyst: Erika T. Camire

End Date: 06/10/22
End Time: 18:00

Concentration Method: NONE
Extract Method: SW3050B
Initial Volume Units: g
Final Volume Units: ml

Batch Created By: etc
Date Created: 06/10/22
Time Created: 12:05
Validated By: etc
Date Validated: 06/10/22
Time Validated: 12:12

Comments:

QC Types

CAR	Carrier reference sample		DLS	Detection Limit Standard	
DUP	Laboratory Duplicate		LCS	Laboratory Control Sample	
LCSD	Laboratory Control Sample Duplicate		LODV	Limit of Detection Verification	
LOQV	Limit of Quantitation Verification		MB	Method Blank	
MS	Laboratory Matrix Spike		MSD	Laboratory Matrix Spike Duplicate	
REP	Sample replicate		RVS	Reporting Level Verification Standar	
SMP	Field Sample		SYS	Sample Yield Spike	

Prep Batch ID: IP220613-1

Start Date: 06/13/22
Start Time: 9:07
Prep Analyst: Erika T. Camire

End Date: 06/13/22
End Time: 18:00

Concentration Method: NONE
Extract Method: SW3050B
Initial Volume Units: g
Final Volume Units: ml

Batch Created By: etc
Date Created: 06/13/22
Time Created: 9:07
Validated By: etc
Date Validated: 06/13/22
Time Validated: 9:23

Comments:

QC Batch ID: IP220613-1-1

Lab ID	QC Type	Field ID	Matrix	Date Collected	Initial Wt/Vol	Final Wt/Vol	Cleanup Method	Cleanup DF	Order Number
IP220613-1	MB	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2205638
IM220613-1	LCS	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2205638
2205638-81	MS	GS-13D-01-06	SOIL	5/18/2022	1	100	NONE	1	2205638
2205638-81	MSD	GS-13D-01-06	SOIL	5/18/2022	1.001	100	NONE	1	2205638
2205638-81	SMP	GS-13D-01-06	SOIL	5/18/2022	1.003	100	NONE	1	2205638
2205638-82	SMP	GS-14B-00-01	SOIL	5/18/2022	1.023	100	NONE	1	2205638
2205638-83	SMP	GS-14B-00-01-DUP	SOIL	5/18/2022	1.007	100	NONE	1	2205638
2205638-84	SMP	GS-14B-00-01-TRI	SOIL	5/18/2022	1	100	NONE	1	2205638

QC Types

CAR	Carrier reference sample	DLS	Detection Limit Standard	
DUP	Laboratory Duplicate	LCS	Laboratory Control Sample	
LCSD	Laboratory Control Sample Duplicate	LODV	Limit of Detection Verification	
LOQV	Limit of Quantitation Verification	MB	Method Blank	
MS	Laboratory Matrix Spike	MSD	Laboratory Matrix Spike Duplicate	
REP	Sample replicate	RVS	Reporting Level Verification Standar	
SMP	Field Sample	SYS	Sample Yield Spike	

Prep Batch ID: IP220613-1

Start Date: 06/13/22
Start Time: 9:07
Prep Analyst: Erika T. Camire

End Date: 06/13/22
End Time: 18:00

Concentration Method: NONE
Extract Method: SW3050B
Initial Volume Units: g
Final Volume Units: ml

Batch Created By: etc
Date Created: 06/13/22
Time Created: 9:07
Validated By: etc
Date Validated: 06/13/22
Time Validated: 9:23

Comments:

QC Batch ID: IP220613-1-2

Lab ID	QC Type	Field ID	Matrix	Date Collected	Initial Wt/Vol	Final Wt/Vol	Cleanup Method	Cleanup DF	Order Number
IP220613-1	MB	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2205638
IM220613-1	LCS	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2205638
2205638-88	MS	GS-14D-00-01	SOIL	5/18/2022	1.001	100	NONE	1	2205638
2205638-88	MSD	GS-14D-00-01	SOIL	5/18/2022	1.003	100	NONE	1	2205638
2205638-85	SMP	GS-14B-01-06	SOIL	5/18/2022	1.023	100	NONE	1	2205638
2205638-86	SMP	GS-14B-01-06-DUP	SOIL	5/18/2022	1.005	100	NONE	1	2205638
2205638-87	SMP	GS-14B-01-06-TRI	SOIL	5/18/2022	1.001	100	NONE	1	2205638
2205638-88	SMP	GS-14D-00-01	SOIL	5/18/2022	1.005	100	NONE	1	2205638

QC Types

CAR	Carrier reference sample	DLS	Detection Limit Standard	
DUP	Laboratory Duplicate	LCS	Laboratory Control Sample	
LCSD	Laboratory Control Sample Duplicate	LODV	Limit of Detection Verification	
LOQV	Limit of Quantitation Verification	MB	Method Blank	
MS	Laboratory Matrix Spike	MSD	Laboratory Matrix Spike Duplicate	
REP	Sample replicate	RVS	Reporting Level Verification Standar	
SMP	Field Sample	SYS	Sample Yield Spike	

Prep Batch ID: IP220613-1

Start Date: 06/13/22
Start Time: 9:07
Prep Analyst: Erika T. Camire

End Date: 06/13/22
End Time: 18:00

Concentration Method: NONE
Extract Method: SW3050B
Initial Volume Units: g
Final Volume Units: ml

Batch Created By: etc
Date Created: 06/13/22
Time Created: 9:07
Validated By: etc
Date Validated: 06/13/22
Time Validated: 9:23

Comments:

QC Batch ID: IP220613-1-3

Lab ID	QC Type	Field ID	Matrix	Date Collected	Initial Wt/Vol	Final Wt/Vol	Cleanup Method	Cleanup DF	Order Number
IP220613-1	MB	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2205638
IM220613-1	LCS	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2205638
2205638-90	MS	GS-14D-01-06	SOIL	5/18/2022	1.008	100	NONE	1	2205638
2205638-90	MSD	GS-14D-01-06	SOIL	5/18/2022	1.004	100	NONE	1	2205638
2205638-100	SMP	GS-17B-01-06	SOIL	5/18/2022	1.005	100	NONE	1	2205638
2205638-90	SMP	GS-14D-01-06	SOIL	5/18/2022	1.003	100	NONE	1	2205638
2205638-91	SMP	GS-15B-00-01	SOIL	5/18/2022	1.002	100	NONE	1	2205638
2205638-92	SMP	GS-15B-01-06	SOIL	5/18/2022	1.008	100	NONE	1	2205638
2205638-93	SMP	GS-16B-00-01	SOIL	5/18/2022	1	100	NONE	1	2205638
2205638-94	SMP	GS-16B-01-06	SOIL	5/18/2022	1.006	100	NONE	1	2205638
2205638-95	SMP	GS-16B1-00-01	SOIL	5/18/2022	1.03	100	NONE	1	2205638
2205638-96	SMP	GS-16B1-01-06	SOIL	5/18/2022	1.003	100	NONE	1	2205638
2205638-97	SMP	GS-16D-00-01	SOIL	5/18/2022	1.029	100	NONE	1	2205638
2205638-98	SMP	GS-16D-01-06	SOIL	5/18/2022	1.002	100	NONE	1	2205638
2205638-99	SMP	GS-17B-00-01	SOIL	5/18/2022	1.001	100	NONE	1	2205638

QC Types

CAR	Carrier reference sample		DLS	Detection Limit Standard	
DUP	Laboratory Duplicate		LCS	Laboratory Control Sample	
LCSD	Laboratory Control Sample Duplicate		LODV	Limit of Detection Verification	
LOQV	Limit of Quantitation Verification		MB	Method Blank	
MS	Laboratory Matrix Spike		MSD	Laboratory Matrix Spike Duplicate	
REP	Sample replicate		RVS	Reporting Level Verification Standar	
SMP	Field Sample		SYS	Sample Yield Spike	

Prep Batch ID: IP220613-2

Start Date: 06/13/22
Start Time: 9:35
Prep Analyst: Erika T. Camire

End Date: 06/13/22
End Time: 18:00

Concentration Method: NONE
Extract Method: SW3050B
Initial Volume Units: g
Final Volume Units: ml

Batch Created By: etc
Date Created: 06/13/22
Time Created: 9:35
Validated By: etc
Date Validated: 06/13/22
Time Validated: 9:43

Comments:

QC Batch ID: IP220613-2-1

Lab ID	QC Type	Field ID	Matrix	Date Collected	Initial Wt/Vol	Final Wt/Vol	Cleanup Method	Cleanup DF	Order Number
IP220613-2	MB	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2205638
IM220613-2	LCS	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2205638
IM220613-2	LCSD	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2205638
2205638-101	SMP	GS-17D-00-01	SOIL	5/18/2022	1.001	100	NONE	1	2205638
2205638-102	SMP	GS-17D-01-06	SOIL	5/18/2022	1.031	100	NONE	1	2205638
2205638-103	SMP	GS-18B-00-01	SOIL	5/18/2022	1.004	100	NONE	1	2205638
2205638-104	SMP	GS-18B-01-06	SOIL	5/18/2022	1.009	100	NONE	1	2205638
2205638-105	SMP	GS-18D-00-01	SOIL	5/18/2022	1.004	100	NONE	1	2205638
2205638-106	SMP	GS-18D-01-06	SOIL	5/18/2022	1.024	100	NONE	1	2205638
2205638-107	SMP	GS-19B-00-01	SOIL	5/18/2022	1.008	100	NONE	1	2205638
2205638-108	SMP	GS-19B-01-06	SOIL	5/18/2022	1.011	100	NONE	1	2205638
2205638-109	SMP	GS-20B-00-01	SOIL	5/18/2022	1.008	100	NONE	1	2205638
2205638-110	SMP	GS-20B-01-06	SOIL	5/18/2022	1.012	100	NONE	1	2205638
2205638-111	SMP	GS-20D-00-01	SOIL	5/18/2022	1.001	100	NONE	1	2205638
2205638-112	SMP	GS-20D-01-06	SOIL	5/18/2022	1.006	100	NONE	1	2205638
2205638-113	SMP	GS-21D-00-01	SOIL	5/18/2022	1.01	100	NONE	1	2205638
2205638-115	SMP	GS-21D-01-06	SOIL	5/18/2022	1.025	100	NONE	1	2205638
2205638-116	SMP	GS-22D-00-01	SOIL	5/18/2022	1.023	100	NONE	1	2205638
2205638-117	SMP	GS-22D-01-06	SOIL	5/18/2022	1.011	100	NONE	1	2205638
2205638-118	SMP	GS-23D-00-01	SOIL	5/18/2022	1.004	100	NONE	1	2205638
2205638-119	SMP	GS-23D-01-06	SOIL	5/18/2022	1.009	100	NONE	1	2205638
2205638-120	SMP	GS-24D-00-01	SOIL	5/18/2022	1.014	100	NONE	1	2205638
2205638-121	SMP	GS-24D-01-06	SOIL	5/18/2022	1.006	100	NONE	1	2205638

Prep Batch ID: IP220613-2

Start Date: 06/13/22
Start Time: 9:35
Prep Analyst: Erika T. Camire

End Date: 06/13/22
End Time: 18:00

Concentration Method: NONE
Extract Method: SW3050B
Initial Volume Units: g
Final Volume Units: ml

Batch Created By: etc
Date Created: 06/13/22
Time Created: 9:35
Validated By: etc
Date Validated: 06/13/22
Time Validated: 9:43

Comments:

QC Types

CAR	Carrier reference sample		DLS	Detection Limit Standard	
DUP	Laboratory Duplicate		LCS	Laboratory Control Sample	
LCSD	Laboratory Control Sample Duplicate		LODV	Limit of Detection Verification	
LOQV	Limit of Quantitation Verification		MB	Method Blank	
MS	Laboratory Matrix Spike		MSD	Laboratory Matrix Spike Duplicate	
REP	Sample replicate		RVS	Reporting Level Verification Standar	
SMP	Field Sample		SYS	Sample Yield Spike	

Prep Batch ID: IP220613-3

Start Date: 06/13/22
Start Time: 13:29
Prep Analyst: Erika T. Camire
End Date: 06/13/22
End Time: 18:00
Concentration Method: NONE
Extract Method: SW3050B
Initial Volume Units: g
Final Volume Units: ml
Batch Created By: etc
Date Created: 06/13/22
Time Created: 13:29
Validated By: etc
Date Validated: 06/13/22
Time Validated: 13:40

Comments:

QC Batch ID: IP220613-3-1

Lab ID	QC Type	Field ID	Matrix	Date Collected	Initial Wt/Vol	Final Wt/Vol	Cleanup Method	Cleanup DF	Order Number
IP220613-3	MB	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2205638
IM220613-3	LCS	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2205638
IM220613-3	LCSD	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2205638
2205638-122	SMP	GS-25D-01-06	SOIL	5/18/2022	1.002	100	NONE	1	2205638
2205638-123	SMP	GS-25D-01-06	SOIL	5/18/2022	1.004	100	NONE	1	2205638
2205638-124	SMP	GS-26D-00-01	SOIL	5/18/2022	1	100	NONE	1	2205638
2205638-125	SMP	GS-26D-01-06	SOIL	5/18/2022	1.007	100	NONE	1	2205638
2205638-126	SMP	GS-27D-00-01	SOIL	5/18/2022	1.007	100	NONE	1	2205638
2205638-128	SMP	GS-27D-01-06	SOIL	5/18/2022	1.032	100	NONE	1	2205638
2205638-129	SMP	GS-28D-00-01	SOIL	5/18/2022	1.002	100	NONE	1	2205638
2205638-130	SMP	GS-28D-01-06	SOIL	5/18/2022	1.021	100	NONE	1	2205638
2205638-131	SMP	GS-29A4-00-01	SOIL	5/16/2022	1.017	100	NONE	1	2205638
2205638-132	SMP	GS-29A4-01-06	SOIL	5/16/2022	1.043	100	NONE	1	2205638
2205638-133	SMP	GS-29A5-00-01	SOIL	5/16/2022	1.011	100	NONE	1	2205638
2205638-134	SMP	GS-29A5-01-06	SOIL	5/16/2022	1.02	100	NONE	1	2205638
2205638-135	SMP	GS-29A5-COMP	SOIL	5/19/2022	1.009	100	NONE	1	2205638
2205638-136	SMP	GS-29D-00-01	SOIL	5/18/2022	1.014	100	NONE	1	2205638
2205638-137	SMP	GS-29D-00-01-DUP	SOIL	5/18/2022	1.002	100	NONE	1	2205638
2205638-138	SMP	GS-29D-00-01-TRI	SOIL	5/18/2022	1.015	100	NONE	1	2205638
2205638-139	SMP	GS-29-01-06	SOIL	5/18/2022	1	100	NONE	1	2205638
2205638-140	SMP	GS-29-01-06-DUP	SOIL	5/18/2022	1.004	100	NONE	1	2205638
2205638-141	SMP	GS-29-01-06-TRI	SOIL	5/18/2022	1.01	100	NONE	1	2205638
2205638-142	SMP	GS-30A-00-01	SOIL	5/16/2022	1.001	100	NONE	1	2205638

Prep Batch ID: IP220613-3

Start Date: 06/13/22
Start Time: 13:29
Prep Analyst: Erika T. Camire

End Date: 06/13/22
End Time: 18:00

Concentration Method: NONE
Extract Method: SW3050B
Initial Volume Units: g
Final Volume Units: ml

Batch Created By: etc
Date Created: 06/13/22
Time Created: 13:29
Validated By: etc
Date Validated: 06/13/22
Time Validated: 13:40

Comments:

QC Types

CAR	Carrier reference sample		DLS	Detection Limit Standard	
DUP	Laboratory Duplicate		LCS	Laboratory Control Sample	
LCSD	Laboratory Control Sample Duplicate		LODV	Limit of Detection Verification	
LOQV	Limit of Quantitation Verification		MB	Method Blank	
MS	Laboratory Matrix Spike		MSD	Laboratory Matrix Spike Duplicate	
REP	Sample replicate		RVS	Reporting Level Verification Standar	
SMP	Field Sample		SYS	Sample Yield Spike	

Prep Batch ID: IP220613-5

Start Date: 06/13/22
Start Time: 14:12
Prep Analyst: Erika T. Camire
End Date: 06/13/22
End Time: 18:00
Concentration Method: NONE
Extract Method: SW3050B
Initial Volume Units: g
Final Volume Units: ml
Batch Created By: etc
Date Created: 06/13/22
Time Created: 15:20
Validated By: etc
Date Validated: 06/13/22
Time Validated: 15:33

Comments:

QC Batch ID: IP220613-5-1

Lab ID	QC Type	Field ID	Matrix	Date Collected	Initial Wt/Vol	Final Wt/Vol	Cleanup Method	Cleanup DF	Order Number
IP220613-5	MB	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2205638
IM220613-5	LCS	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2205638
IM220613-5	LCSD	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2205638
2205638-143	SMP	GS-30A-01-06	SOIL	5/16/2022	1.035	100	NONE	1	2205638
2205638-144	SMP	GS-31A-00-01	SOIL	5/18/2022	1	100	NONE	1	2205638
2205638-145	SMP	GS-31A-01-06	SOIL	5/18/2022	1	100	NONE	1	2205638
2205638-146	SMP	GS-32A-00-01	SOIL	5/16/2022	1.018	100	NONE	1	2205638
2205638-147	SMP	GS-32A-01-06	SOIL	5/16/2022	1.003	100	NONE	1	2205638
2205638-148	SMP	GS-32A-COMP	SOIL	5/19/2022	1.014	100	NONE	1	2205638
2205638-149	SMP	GS-33A-00-01	SOIL	5/16/2022	1.025	100	NONE	1	2205638
2205638-150	SMP	GS-33A-01-06	SOIL	5/16/2022	1.004	100	NONE	1	2205638
2205638-151	SMP	GS-34A-00-01	SOIL	5/16/2022	1.023	100	NONE	1	2205638
2205638-152	SMP	GS-34A-01-06	SOIL	5/16/2022	1.014	100	NONE	1	2205638
2205638-153	SMP	GS-35A-00-01	SOIL	5/16/2022	1.017	100	NONE	1	2205638
2205638-154	SMP	GS-35A-01-06	SOIL	5/16/2022	1.013	100	NONE	1	2205638
2205638-155	SMP	GS-35A-COMP	SOIL	5/19/2022	1.003	100	NONE	1	2205638
2205638-156	SMP	GS-36A-00-01	SOIL	5/16/2022	1.007	100	NONE	1	2205638
2205638-157	SMP	GS-36A-01-06	SOIL	5/16/2022	1.004	100	NONE	1	2205638
2205638-158	SMP	GS-37A-00-01	SOIL	5/16/2022	1.008	100	NONE	1	2205638
2205638-159	SMP	GS-37A-01-06	SOIL	5/16/2022	1.019	100	NONE	1	2205638
2205638-160	SMP	GS-38A-00-01	SOIL	5/16/2022	1.028	100	NONE	1	2205638
2205638-161	SMP	GS-38A-01-06	SOIL	5/16/2022	1.016	100	NONE	1	2205638
2205638-162	SMP	GS-39A-00-01	SOIL	5/16/2022	1.008	100	NONE	1	2205638

Prep Batch ID: IP220613-5

Start Date: 06/13/22
Start Time: 14:12
Prep Analyst: Erika T. Camire

End Date: 06/13/22
End Time: 18:00

Concentration Method: NONE
Extract Method: SW3050B
Initial Volume Units: g
Final Volume Units: ml

Batch Created By: etc
Date Created: 06/13/22
Time Created: 15:20
Validated By: etc
Date Validated: 06/13/22
Time Validated: 15:33

Comments:

QC Types

CAR	Carrier reference sample		DLS	Detection Limit Standard	
DUP	Laboratory Duplicate		LCS	Laboratory Control Sample	
LCSD	Laboratory Control Sample Duplicate		LODV	Limit of Detection Verification	
LOQV	Limit of Quantitation Verification		MB	Method Blank	
MS	Laboratory Matrix Spike		MSD	Laboratory Matrix Spike Duplicate	
REP	Sample replicate		RVS	Reporting Level Verification Standar	
SMP	Field Sample		SYS	Sample Yield Spike	

Prep Batch ID: IP220613-6

Start Date: 06/13/22
Start Time: 15:46
Prep Analyst: Erika T. Camire

End Date: 06/13/22
End Time: 18:00

Concentration Method: NONE
Extract Method: SW3050B
Initial Volume Units: g
Final Volume Units: ml

Batch Created By: etc
Date Created: 06/13/22
Time Created: 15:46
Validated By: etc
Date Validated: 06/13/22
Time Validated: 16:38

Comments:

QC Batch ID: IP220613-6-1

Lab ID	QC Type	Field ID	Matrix	Date Collected	Initial Wt/Vol	Final Wt/Vol	Cleanup Method	Cleanup DF	Order Number
IP220613-6	MB	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2205638
IM220613-6	LCS	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2205638
2205638-180	MS	GS-43A-00-01	SOIL	5/17/2022	1.026	100	NONE	1	2205638
2205638-180	MSD	GS-43A-00-01	SOIL	5/17/2022	1.025	100	NONE	1	2205638
2205638-164	SMP	GS-39A-01-06	SOIL	5/16/2022	1.011	100	NONE	1	2205638
2205638-165	SMP	GS-39A-COMP	SOIL	5/19/2022	1.01	100	NONE	1	2205638
2205638-166	SMP	GS-40A-00-01	SOIL	5/16/2022	1.003	100	NONE	1	2205638
2205638-167	SMP	GS-40A-01-06	SOIL	5/16/2022	1	100	NONE	1	2205638
2205638-168	SMP	GS-40A1-00-01	SOIL	5/16/2022	1.014	100	NONE	1	2205638
2205638-169	SMP	GS-40A1-00-01-DUP	SOIL	5/16/2022	1.053	100	NONE	1	2205638
2205638-170	SMP	GS-40A1-00-01-TRI	SOIL	5/16/2022	1.034	100	NONE	1	2205638
2205638-171	SMP	GS-40A1-01-06	SOIL	5/16/2022	1.029	100	NONE	1	2205638
2205638-172	SMP	GS-40A1-01-06-DUP	SOIL	5/16/2022	1.018	100	NONE	1	2205638
2205638-173	SMP	GS-40A1-01-06-TRI	SOIL	5/16/2022	1.001	100	NONE	1	2205638
2205638-174	SMP	GS-40A2-00-01	SOIL	5/16/2022	1.001	100	NONE	1	2205638
2205638-175	SMP	GS-40A2-01-06	SOIL	5/16/2022	1.02	100	NONE	1	2205638
2205638-176	SMP	GS-41A-00-01	SOIL	5/17/2022	1.013	100	NONE	1	2205638
2205638-177	SMP	GS-41A-01-06	SOIL	5/17/2022	1.001	100	NONE	1	2205638
2205638-178	SMP	GS-42A-00-01	SOIL	5/17/2022	1.026	100	NONE	1	2205638
2205638-179	SMP	GS-42A-01-06	SOIL	5/17/2022	1.021	100	NONE	1	2205638
2205638-180	SMP	GS-43A-00-01	SOIL	5/17/2022	1.027	100	NONE	1	2205638

Prep Batch ID: IP220613-6

Start Date: 06/13/22
Start Time: 15:46
Prep Analyst: Erika T. Camire

End Date: 06/13/22
End Time: 18:00

Concentration Method: NONE
Extract Method: SW3050B
Initial Volume Units: g
Final Volume Units: ml

Batch Created By: etc
Date Created: 06/13/22
Time Created: 15:46
Validated By: etc
Date Validated: 06/13/22
Time Validated: 16:38

Comments:

QC Types

CAR	Carrier reference sample		DLS	Detection Limit Standard	
DUP	Laboratory Duplicate		LCS	Laboratory Control Sample	
LCSD	Laboratory Control Sample Duplicate		LODV	Limit of Detection Verification	
LOQV	Limit of Quantitation Verification		MB	Method Blank	
MS	Laboratory Matrix Spike		MSD	Laboratory Matrix Spike Duplicate	
REP	Sample replicate		RVS	Reporting Level Verification Standar	
SMP	Field Sample		SYS	Sample Yield Spike	

Prep Batch ID: IP220613-6

Start Date: 06/13/22
Start Time: 15:46
Prep Analyst: Erika T. Camire

End Date: 06/13/22
End Time: 18:00

Concentration Method: NONE
Extract Method: SW3050B
Initial Volume Units: g
Final Volume Units: ml

Batch Created By: etc
Date Created: 06/13/22
Time Created: 15:46
Validated By: etc
Date Validated: 06/13/22
Time Validated: 16:38

Comments:

QC Batch ID: IP220613-6-2

Lab ID	QC Type	Field ID	Matrix	Date Collected	Initial Wt/Vol	Final Wt/Vol	Cleanup Method	Cleanup DF	Order Number
IP220613-6	MB	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2205638
IM220613-6	LCS	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2205638
2205638-181	MS	GS-43A-01-06	SOIL	5/17/2022	1.023	100	NONE	1	2205638
2205638-181	MSD	GS-43A-01-06	SOIL	5/17/2022	1.024	100	NONE	1	2205638
2205638-181	SMP	GS-43A-01-06	SOIL	5/17/2022	1.028	100	NONE	1	2205638
2205638-182	SMP	GS-43A-COMP	SOIL	5/19/2022	1.017	100	NONE	1	2205638
2205638-183	SMP	GS-44A-00-01	SOIL	5/17/2022	1.001	100	NONE	1	2205638

QC Types

CAR	Carrier reference sample		DLS	Detection Limit Standard	
DUP	Laboratory Duplicate		LCS	Laboratory Control Sample	
LCSD	Laboratory Control Sample Duplicate		LODV	Limit of Detection Verification	
LOQV	Limit of Quantitation Verification		MB	Method Blank	
MS	Laboratory Matrix Spike		MSD	Laboratory Matrix Spike Duplicate	
REP	Sample replicate		RVS	Reporting Level Verification Standar	
SMP	Field Sample		SYS	Sample Yield Spike	

Prep Batch ID: IP220614-1

Start Date: 06/14/22
Start Time: 9:52
Prep Analyst: Erika T. Camire

End Date: 06/14/22
End Time: 18:00

Concentration Method: NONE
Extract Method: SW3050B
Initial Volume Units: g
Final Volume Units: ml

Batch Created By: etc
Date Created: 06/14/22
Time Created: 9:52
Validated By: etc
Date Validated: 06/14/22
Time Validated: 10:02

Comments:

QC Batch ID: IP220614-1-1

Lab ID	QC Type	Field ID	Matrix	Date Collected	Initial Wt/Vol	Final Wt/Vol	Cleanup Method	Cleanup DF	Order Number
IP220614-1	MB	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2205638
IM220614-1	LCS	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2205638
IM220614-1	LCSD	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2205638
2205638-184	SMP	GS-44A-01-06	SOIL	5/17/2022	1.006	100	NONE	1	2205638
2205638-185	SMP	GS-45A-00-01	SOIL	5/17/2022	1.01	100	NONE	1	2205638
2205638-186	SMP	GS-45A-01-06	SOIL	5/17/2022	1	100	NONE	1	2205638
2205638-187	SMP	GS-46A-00-01	SOIL	5/17/2022	0.949	100	NONE	1	2205638
2205638-188	SMP	GS-46A-01-06	SOIL	5/17/2022	1.012	100	NONE	1	2205638
2205638-189	SMP	GS-47A-00-01	SOIL	5/17/2022	1.006	100	NONE	1	2205638
2205638-190	SMP	GS-47A-01-06	SOIL	5/17/2022	1.001	100	NONE	1	2205638
2205638-191	SMP	GS-BG01-00-01	SOIL	5/17/2022	1	100	NONE	1	2205638
2205638-193	SMP	GS-BG01-01-06	SOIL	5/17/2022	1.007	100	NONE	1	2205638
2205638-194	SMP	GS-BG02-00-01	SOIL	5/17/2022	1.002	100	NONE	1	2205638
2205638-196	SMP	GS-BG02-01-06	SOIL	5/17/2022	1.016	100	NONE	1	2205638
2205638-197	SMP	GS-BG03-00-01	SOIL	5/17/2022	1.004	100	NONE	1	2205638
2205638-199	SMP	GS-BG03-01-06	SOIL	5/17/2022	1.01	100	NONE	1	2205638
2205638-200	SMP	GS-CA01-00-01	SOIL	5/16/2022	1.003	100	NONE	1	2205638
2205638-201	SMP	GS-CA01-01-06	SOIL	5/16/2022	1.003	100	NONE	1	2205638
2205638-202	SMP	GS-CA02-00-01	SOIL	5/16/2022	1.004	100	NONE	1	2205638
2205638-204	SMP	GS-CA02-01-06	SOIL	5/16/2022	1.015	100	NONE	1	2205638
2205638-205	SMP	GS-CA03-00-01	SOIL	5/16/2022	1.006	100	NONE	1	2205638
2205638-206	SMP	GS-CA03-01-06	SOIL	5/16/2022	1.002	100	NONE	1	2205638
2205638-207	SMP	GS-CA04-00-01	SOIL	5/16/2022	1.002	100	NONE	1	2205638

Prep Batch ID: IP220614-1

Start Date: 06/14/22
Start Time: 9:52
Prep Analyst: Erika T. Camire

End Date: 06/14/22
End Time: 18:00

Concentration Method: NONE
Extract Method: SW3050B
Initial Volume Units: g
Final Volume Units: ml

Batch Created By: etc
Date Created: 06/14/22
Time Created: 9:52
Validated By: etc
Date Validated: 06/14/22
Time Validated: 10:02

Comments:

QC Types

CAR	Carrier reference sample		DLS	Detection Limit Standard	
DUP	Laboratory Duplicate		LCS	Laboratory Control Sample	
LCSD	Laboratory Control Sample Duplicate		LODV	Limit of Detection Verification	
LOQV	Limit of Quantitation Verification		MB	Method Blank	
MS	Laboratory Matrix Spike		MSD	Laboratory Matrix Spike Duplicate	
REP	Sample replicate		RVS	Reporting Level Verification Standar	
SMP	Field Sample		SYS	Sample Yield Spike	

Prep Batch ID: IP220614-2

Start Date: 06/14/22
Start Time: 10:06
Prep Analyst: Erika T. Camire

End Date: 06/14/22
End Time: 18:00

Concentration Method: NONE
Extract Method: SW3050B
Initial Volume Units: g
Final Volume Units: ml

Batch Created By: etc
Date Created: 06/14/22
Time Created: 10:06
Validated By: etc
Date Validated: 06/14/22
Time Validated: 10:13

Comments:

QC Batch ID: IP220614-2-1

Lab ID	QC Type	Field ID	Matrix	Date Collected	Initial Wt/Vol	Final Wt/Vol	Cleanup Method	Cleanup DF	Order Number
IP220614-2	MB	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2205638
IM220614-2	LCS	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2205638
2205638-225	MS	GS-CA11-00-01	SOIL	5/19/2022	1.008	100	NONE	1	2205638
2205638-225	MSD	GS-CA11-00-01	SOIL	5/19/2022	1.008	100	NONE	1	2205638
2205638-208	SMP	GS-CA04-00-01-DUP	SOIL	5/16/2022	1	100	NONE	1	2205638
2205638-209	SMP	GS-CA04-00-01-TRI	SOIL	5/16/2022	1.012	100	NONE	1	2205638
2205638-210	SMP	GS-CA04-01-06	SOIL	5/16/2022	1.003	100	NONE	1	2205638
2205638-211	SMP	GS-CA04-01-06-DUP	SOIL	5/16/2022	1.002	100	NONE	1	2205638
2205638-212	SMP	GS-CA04-01-06-TRI	SOIL	5/16/2022	1.008	100	NONE	1	2205638
2205638-213	SMP	GS-CA05-00-01	SOIL	5/16/2022	1.006	100	NONE	1	2205638
2205638-214	SMP	GS-CA05-01-06	SOIL	5/16/2022	1.002	100	NONE	1	2205638
2205638-215	SMP	GS-CA06-00-01	SOIL	5/16/2022	1.005	100	NONE	1	2205638
2205638-216	SMP	GS-CA06-01-06	SOIL	5/16/2022	1.006	100	NONE	1	2205638
2205638-217	SMP	GS-CA07-00-01	SOIL	5/17/2022	1.001	100	NONE	1	2205638
2205638-218	SMP	GS-CA07-01-06	SOIL	5/17/2022	1.005	100	NONE	1	2205638
2205638-219	SMP	GS-CA08-00-01	SOIL	5/19/2022	1	100	NONE	1	2205638
2205638-220	SMP	GS-CA08-01-06	SOIL	5/19/2022	1.002	100	NONE	1	2205638
2205638-221	SMP	GS-CA09-00-01	SOIL	5/19/2022	1.013	100	NONE	1	2205638
2205638-222	SMP	GS-CA09-01-06	SOIL	5/19/2022	1	100	NONE	1	2205638
2205638-223	SMP	GS-CA10-00-01	SOIL	5/19/2022	1.01	100	NONE	1	2205638
2205638-224	SMP	GS-CA10-01-06	SOIL	5/19/2022	1.007	100	NONE	1	2205638
2205638-225	SMP	GS-CA11-00-01	SOIL	5/19/2022	1.009	100	NONE	1	2205638

Prep Batch ID: IP220614-2

Start Date: 06/14/22
Start Time: 10:06
Prep Analyst: Erika T. Camire

End Date: 06/14/22
End Time: 18:00

Concentration Method: NONE
Extract Method: SW3050B
Initial Volume Units: g
Final Volume Units: ml

Batch Created By: etc
Date Created: 06/14/22
Time Created: 10:06
Validated By: etc
Date Validated: 06/14/22
Time Validated: 10:13

Comments:

QC Types

CAR	Carrier reference sample		DLS	Detection Limit Standard	
DUP	Laboratory Duplicate		LCS	Laboratory Control Sample	
LCSD	Laboratory Control Sample Duplicate		LODV	Limit of Detection Verification	
LOQV	Limit of Quantitation Verification		MB	Method Blank	
MS	Laboratory Matrix Spike		MSD	Laboratory Matrix Spike Duplicate	
REP	Sample replicate		RVS	Reporting Level Verification Standar	
SMP	Field Sample		SYS	Sample Yield Spike	

Prep Batch ID: IP220614-3

Start Date: 06/14/22
Start Time: 10:15
Prep Analyst: Erika T. Camire

End Date: 06/14/22
End Time: 18:00

Concentration Method: NONE
Extract Method: SW3050B
Initial Volume Units: g
Final Volume Units: ml

Batch Created By: etc
Date Created: 06/14/22
Time Created: 10:15
Validated By: etc
Date Validated: 06/14/22
Time Validated: 10:21

Comments:

QC Batch ID: IP220614-3-1

Lab ID	QC Type	Field ID	Matrix	Date Collected	Initial Wt/Vol	Final Wt/Vol	Cleanup Method	Cleanup DF	Order Number
IP220614-3	MB	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2205638
IM220614-3	LCS	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2205638
2205638-226	MS	GS-CA11-01-06	SOIL	5/19/2022	1.003	100	NONE	1	2205638
2205638-226	MSD	GS-CA11-01-06	SOIL	5/19/2022	1.004	100	NONE	1	2205638
2205638-226	SMP	GS-CA11-01-06	SOIL	5/19/2022	1.002	100	NONE	1	2205638
2205638-227	SMP	GS-CA12-00-01	SOIL	5/19/2022	1.004	100	NONE	1	2205638
2205638-228	SMP	GS-CA12-00-01-DUP	SOIL	5/19/2022	1.014	100	NONE	1	2205638
2205638-229	SMP	GS-CA12-00-01-TRI	SOIL	5/19/2022	1.005	100	NONE	1	2205638
2205638-230	SMP	GS-CA12-01-06	SOIL	5/19/2022	1.014	100	NONE	1	2205638
2205638-231	SMP	GS-CA12-01-06-DUP	SOIL	5/19/2022	1.012	100	NONE	1	2205638
2205638-232	SMP	GS-CA12-01-06-TRI	SOIL	5/19/2022	1.006	100	NONE	1	2205638
2205638-233	SMP	GS-CA13-00-01	SOIL	5/19/2022	1	100	NONE	1	2205638
2205638-234	SMP	GS-CA13-00-01-DUP	SOIL	5/19/2022	1	100	NONE	1	2205638
2205638-235	SMP	GS-CA13-00-01-TRI	SOIL	5/19/2022	1.001	100	NONE	1	2205638
2205638-236	SMP	GS-CA13-01-06	SOIL	5/19/2022	1.001	100	NONE	1	2205638

QC Types

CAR	Carrier reference sample		DLS	Detection Limit Standard	
DUP	Laboratory Duplicate		LCS	Laboratory Control Sample	
LCSD	Laboratory Control Sample Duplicate		LODV	Limit of Detection Verification	
LOQV	Limit of Quantitation Verification		MB	Method Blank	
MS	Laboratory Matrix Spike		MSD	Laboratory Matrix Spike Duplicate	
REP	Sample replicate		RVS	Reporting Level Verification Standar	
SMP	Field Sample		SYS	Sample Yield Spike	

Prep Batch ID: IP220614-4

Start Date: 06/14/22
Start Time: 10:23
Prep Analyst: Erika T. Camire

End Date: 06/14/22
End Time: 18:00

Concentration Method: NONE
Extract Method: SW3050B
Initial Volume Units: g
Final Volume Units: ml

Batch Created By: etc
Date Created: 06/14/22
Time Created: 10:23
Validated By: etc
Date Validated: 06/14/22
Time Validated: 10:29

Comments:

QC Batch ID: IP220614-4-1

Lab ID	QC Type	Field ID	Matrix	Date Collected	Initial Wt/Vol	Final Wt/Vol	Cleanup Method	Cleanup DF	Order Number
IP220614-4	MB	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2205638
IM220614-4	LCS	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2205638
IM220614-4	LCSD	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2205638
2205638-237	SMP	GS-CA13-01-06-DUP	SOIL	5/19/2022	1.013	100	NONE	1	2205638
2205638-238	SMP	GS-CA13-01-06-TRI	SOIL	5/19/2022	1.003	100	NONE	1	2205638
2205638-239	SMP	GS-CA14-00-01	SOIL	5/19/2022	1.01	100	NONE	1	2205638
2205638-240	SMP	GS-CA14-00-01-DUP	SOIL	5/19/2022	1.002	100	NONE	1	2205638
2205638-241	SMP	GS-CA14-00-01-TRI	SOIL	5/19/2022	1.003	100	NONE	1	2205638
2205638-243	SMP	GS-CA14-01-06	SOIL	5/19/2022	1.004	100	NONE	1	2205638
2205638-244	SMP	GS-CA14-01-06-DUP	SOIL	5/19/2022	1.016	100	NONE	1	2205638
2205638-245	SMP	GS-CA14-01-06-TRI	SOIL	5/19/2022	1	100	NONE	1	2205638
2205638-247	SMP	GS-HOUSE-00-01	SOIL	5/17/2022	1.008	100	NONE	1	2205638
2205638-250	SMP	GS-HOUSE-01-06	SOIL	5/17/2022	1.002	100	NONE	1	2205638
2205638-255	SMP	GS-VACANT-00-01	SOIL	5/17/2022	1.011	100	NONE	1	2205638
2205638-258	SMP	GS-VACANT-01-06	SOIL	5/17/2022	1.012	100	NONE	1	2205638

QC Types

CAR	Carrier reference sample		DLS	Detection Limit Standard	
DUP	Laboratory Duplicate		LCS	Laboratory Control Sample	
LCSD	Laboratory Control Sample Duplicate		LODV	Limit of Detection Verification	
LOQV	Limit of Quantitation Verification		MB	Method Blank	
MS	Laboratory Matrix Spike		MSD	Laboratory Matrix Spike Duplicate	
REP	Sample replicate		RVS	Reporting Level Verification Standar	
SMP	Field Sample		SYS	Sample Yield Spike	

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: ICV
QC Type: Initial Calibration

File Name: 002SMPL.

Run ID: IM220610-11A3
Date Analyzed: 06/10/2022
Time Analyzed: 12:27
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	1	1.04	0.01		104	90 - 110%
7440-36-0	ANTIMONY	0.006	0.00608	0.0001		101	90 - 110%
7440-38-2	ARSENIC	0.02	0.0206	0.0002		103	90 - 110%
7440-39-3	BARIUM	0.02	0.0192	0.0005		96	90 - 110%
7440-41-7	BERYLLIUM	0.01	0.00975	0.00005		98	90 - 110%
7440-43-9	CADMIUM	0.006	0.00601	0.0002		100	90 - 110%
7440-70-2	CALCIUM	10	10.3	0.1		103	90 - 110%
7440-47-3	CHROMIUM	0.1	0.101	0.001		101	90 - 110%
7440-48-4	COBALT	0.02	0.0207	0.0005		103	90 - 110%
7440-50-8	COPPER	0.2	0.215	0.002		108	90 - 110%
7439-89-6	IRON	1	0.960	0.01		96	90 - 110%
7439-92-1	LEAD	0.01	0.00994	0.0002		99	90 - 110%
7439-95-4	MAGNESIUM	2	1.91	0.01		95	90 - 110%
7439-96-5	MANGANESE	0.04	0.0409	0.001		102	90 - 110%
7440-02-0	NICKEL	0.1	0.0976	0.002		98	90 - 110%
7440-09-7	POTASSIUM	10	9.90	0.1		99	90 - 110%
7782-49-2	SELENIUM	0.02	0.0202	0.001		101	90 - 110%
7440-22-4	SILVER	0.002	0.00200	0.00005		100	90 - 110%
7440-23-5	SODIUM	20	21.4	0.1		107	90 - 110%
7440-28-0	THALLIUM	0.0004	0.000409	0.000015		102	90 - 110%
7440-62-2	VANADIUM	0.02	0.0204	0.0005		102	90 - 110%
7440-66-6	ZINC	0.4	0.414	0.01		103	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV16
QC Type: Continuing Calibration
File Name: 1656CCV.

Run ID: IM220610-11A3
Date Analyzed: 06/10/2022
Time Analyzed: 22:39
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.515	0.01		103	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00289	0.0001		96	90 - 110%
7440-38-2	ARSENIC	0.01	0.0105	0.0002		105	90 - 110%
7440-39-3	BARIUM	0.01	0.00925	0.0005		93	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00466	0.00005		93	90 - 110%
7440-43-9	CADMIUM	0.003	0.00294	0.0002		98	90 - 110%
7440-70-2	CALCIUM	5	5.07	0.1		101	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0480	0.001		96	90 - 110%
7440-48-4	COBALT	0.01	0.00997	0.0005		100	90 - 110%
7440-50-8	COPPER	0.1	0.101	0.002		101	90 - 110%
7439-89-6	IRON	0.5	0.483	0.01		97	90 - 110%
7439-92-1	LEAD	0.005	0.00506	0.0002		101	90 - 110%
7439-95-4	MAGNESIUM	1	0.957	0.01		96	90 - 110%
7439-96-5	MANGANESE	0.02	0.0202	0.001		101	90 - 110%
7440-02-0	NICKEL	0.05	0.0484	0.002		97	90 - 110%
7440-09-7	POTASSIUM	5	4.74	0.1		95	90 - 110%
7782-49-2	SELENIUM	0.01	0.00989	0.001		99	90 - 110%
7440-22-4	SILVER	0.001	0.000960	0.00005		96	90 - 110%
7440-23-5	SODIUM	10	10.4	0.1		104	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000205	0.000015		102	90 - 110%
7440-62-2	VANADIUM	0.01	0.00985	0.0005		99	90 - 110%
7440-66-6	ZINC	0.2	0.204	0.01		102	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV17
QC Type: Continuing Calibration
File Name: 1736CCV.

Run ID: IM220610-11A3
Date Analyzed: 06/10/2022
Time Analyzed: 23:14
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.514	0.01		103	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00295	0.0001		98	90 - 110%
7440-38-2	ARSENIC	0.01	0.0103	0.0002		103	90 - 110%
7440-39-3	BARIUM	0.01	0.00923	0.0005		92	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00467	0.00005		93	90 - 110%
7440-43-9	CADMIUM	0.003	0.00290	0.0002		97	90 - 110%
7440-70-2	CALCIUM	5	5.15	0.1		103	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0480	0.001		96	90 - 110%
7440-48-4	COBALT	0.01	0.0101	0.0005		101	90 - 110%
7440-50-8	COPPER	0.1	0.101	0.002		101	90 - 110%
7439-89-6	IRON	0.5	0.489	0.01		98	90 - 110%
7439-92-1	LEAD	0.005	0.00512	0.0002		102	90 - 110%
7439-95-4	MAGNESIUM	1	0.979	0.01		98	90 - 110%
7439-96-5	MANGANESE	0.02	0.0202	0.001		101	90 - 110%
7440-02-0	NICKEL	0.05	0.0485	0.002		97	90 - 110%
7440-09-7	POTASSIUM	5	4.91	0.1		98	90 - 110%
7782-49-2	SELENIUM	0.01	0.0103	0.001		103	90 - 110%
7440-22-4	SILVER	0.001	0.000971	0.00005		97	90 - 110%
7440-23-5	SODIUM	10	10.4	0.1		104	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000201	0.000015		100	90 - 110%
7440-62-2	VANADIUM	0.01	0.00985	0.0005		99	90 - 110%
7440-66-6	ZINC	0.2	0.205	0.01		102	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV18
QC Type: Continuing Calibration
File Name: 1806CCV.

Run ID: IM220610-11A3
Date Analyzed: 06/10/2022
Time Analyzed: 23:41
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.514	0.01		103	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00288	0.0001		96	90 - 110%
7440-38-2	ARSENIC	0.01	0.0104	0.0002		104	90 - 110%
7440-39-3	BARIUM	0.01	0.00914	0.0005		91	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00469	0.00005		94	90 - 110%
7440-43-9	CADMIUM	0.003	0.00292	0.0002		97	90 - 110%
7440-70-2	CALCIUM	5	5.15	0.1		103	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0475	0.001		95	90 - 110%
7440-48-4	COBALT	0.01	0.00988	0.0005		99	90 - 110%
7440-50-8	COPPER	0.1	0.0997	0.002		100	90 - 110%
7439-89-6	IRON	0.5	0.483	0.01		97	90 - 110%
7439-92-1	LEAD	0.005	0.00517	0.0002		103	90 - 110%
7439-95-4	MAGNESIUM	1	0.966	0.01		97	90 - 110%
7439-96-5	MANGANESE	0.02	0.0204	0.001		102	90 - 110%
7440-02-0	NICKEL	0.05	0.0480	0.002		96	90 - 110%
7440-09-7	POTASSIUM	5	4.85	0.1		97	90 - 110%
7782-49-2	SELENIUM	0.01	0.00998	0.001		100	90 - 110%
7440-22-4	SILVER	0.001	0.000957	0.00005		96	90 - 110%
7440-23-5	SODIUM	10	10.3	0.1		103	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000208	0.000015		104	90 - 110%
7440-62-2	VANADIUM	0.01	0.00997	0.0005		100	90 - 110%
7440-66-6	ZINC	0.2	0.201	0.01		101	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV19
QC Type: Continuing Calibration
File Name: 1926CCV.

Run ID: IM220610-11A3
Date Analyzed: 06/11/2022
Time Analyzed: 0:28
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.504	0.01		101	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00295	0.0001		98	90 - 110%
7440-38-2	ARSENIC	0.01	0.0104	0.0002		104	90 - 110%
7440-39-3	BARIUM	0.01	0.00912	0.0005		91	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00451	0.00005		90	90 - 110%
7440-43-9	CADMIUM	0.003	0.00296	0.0002		99	90 - 110%
7440-70-2	CALCIUM	5	5.12	0.1		102	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0469	0.001		94	90 - 110%
7440-48-4	COBALT	0.01	0.00994	0.0005		99	90 - 110%
7440-50-8	COPPER	0.1	0.0998	0.002		100	90 - 110%
7439-89-6	IRON	0.5	0.476	0.01		95	90 - 110%
7439-92-1	LEAD	0.005	0.00510	0.0002		102	90 - 110%
7439-95-4	MAGNESIUM	1	0.926	0.01		93	90 - 110%
7439-96-5	MANGANESE	0.02	0.0202	0.001		101	90 - 110%
7440-02-0	NICKEL	0.05	0.0479	0.002		96	90 - 110%
7440-09-7	POTASSIUM	5	4.73	0.1		95	90 - 110%
7782-49-2	SELENIUM	0.01	0.0101	0.001		101	90 - 110%
7440-22-4	SILVER	0.001	0.000979	0.00005		98	90 - 110%
7440-23-5	SODIUM	10	10.0	0.1		100	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000207	0.000015		103	90 - 110%
7440-62-2	VANADIUM	0.01	0.00976	0.0005		98	90 - 110%
7440-66-6	ZINC	0.2	0.198	0.01		99	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV20
QC Type: Continuing Calibration
File Name: 2036CCV.

Run ID: IM220610-11A3
Date Analyzed: 06/11/2022
Time Analyzed: 1:07
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.497	0.01		99	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00294	0.0001		98	90 - 110%
7440-38-2	ARSENIC	0.01	0.0103	0.0002		103	90 - 110%
7440-39-3	BARIUM	0.01	0.00938	0.0005		94	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00448	0.00005		90	90 - 110%
7440-43-9	CADMIUM	0.003	0.00289	0.0002		96	90 - 110%
7440-70-2	CALCIUM	5	4.98	0.1		100	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0470	0.001		94	90 - 110%
7440-48-4	COBALT	0.01	0.00989	0.0005		99	90 - 110%
7440-50-8	COPPER	0.1	0.100	0.002		100	90 - 110%
7439-89-6	IRON	0.5	0.482	0.01		96	90 - 110%
7439-92-1	LEAD	0.005	0.00511	0.0002		102	90 - 110%
7439-95-4	MAGNESIUM	1	0.927	0.01		93	90 - 110%
7439-96-5	MANGANESE	0.02	0.0201	0.001		101	90 - 110%
7440-02-0	NICKEL	0.05	0.0476	0.002		95	90 - 110%
7440-09-7	POTASSIUM	5	4.70	0.1		94	90 - 110%
7782-49-2	SELENIUM	0.01	0.00991	0.001		99	90 - 110%
7440-22-4	SILVER	0.001	0.000968	0.00005		97	90 - 110%
7440-23-5	SODIUM	10	9.98	0.1		100	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000205	0.000015		102	90 - 110%
7440-62-2	VANADIUM	0.01	0.00977	0.0005		98	90 - 110%
7440-66-6	ZINC	0.2	0.200	0.01		100	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV21
QC Type: Continuing Calibration
File Name: 2096CCV.

Run ID: IM220610-11A3
Date Analyzed: 06/11/2022
Time Analyzed: 1:30
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.493	0.01		99	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00290	0.0001		97	90 - 110%
7440-38-2	ARSENIC	0.01	0.0101	0.0002		101	90 - 110%
7440-39-3	BARIUM	0.01	0.00956	0.0005		96	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00450	0.00005		90	90 - 110%
7440-43-9	CADMIUM	0.003	0.00294	0.0002		98	90 - 110%
7440-70-2	CALCIUM	5	4.92	0.1		98	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0469	0.001		94	90 - 110%
7440-48-4	COBALT	0.01	0.00970	0.0005		97	90 - 110%
7440-50-8	COPPER	0.1	0.0997	0.002		100	90 - 110%
7439-89-6	IRON	0.5	0.478	0.01		96	90 - 110%
7439-92-1	LEAD	0.005	0.00514	0.0002		103	90 - 110%
7439-95-4	MAGNESIUM	1	0.922	0.01		92	90 - 110%
7439-96-5	MANGANESE	0.02	0.0198	0.001		99	90 - 110%
7440-02-0	NICKEL	0.05	0.0478	0.002		96	90 - 110%
7440-09-7	POTASSIUM	5	4.72	0.1		94	90 - 110%
7782-49-2	SELENIUM	0.01	0.0102	0.001		102	90 - 110%
7440-22-4	SILVER	0.001	0.000971	0.00005		97	90 - 110%
7440-23-5	SODIUM	10	9.93	0.1		99	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000208	0.000015		104	90 - 110%
7440-62-2	VANADIUM	0.01	0.00967	0.0005		97	90 - 110%
7440-66-6	ZINC	0.2	0.197	0.01		98	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV22
QC Type: Continuing Calibration
File Name: 2216CCV.

Run ID: IM220610-11A3
Date Analyzed: 06/11/2022
Time Analyzed: 2:14
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.492	0.01		98	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00294	0.0001		98	90 - 110%
7440-38-2	ARSENIC	0.01	0.0103	0.0002		103	90 - 110%
7440-39-3	BARIUM	0.01	0.00932	0.0005		93	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00436	0.00005	Z	87	90 - 110%
7440-43-9	CADMIUM	0.003	0.00289	0.0002		96	90 - 110%
7440-70-2	CALCIUM	5	4.97	0.1		99	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0466	0.001		93	90 - 110%
7440-48-4	COBALT	0.01	0.00985	0.0005		99	90 - 110%
7440-50-8	COPPER	0.1	0.0993	0.002		99	90 - 110%
7439-89-6	IRON	0.5	0.476	0.01		95	90 - 110%
7439-92-1	LEAD	0.005	0.00518	0.0002		104	90 - 110%
7439-95-4	MAGNESIUM	1	0.918	0.01		92	90 - 110%
7439-96-5	MANGANESE	0.02	0.0202	0.001		101	90 - 110%
7440-02-0	NICKEL	0.05	0.0475	0.002		95	90 - 110%
7440-09-7	POTASSIUM	5	4.66	0.1		93	90 - 110%
7782-49-2	SELENIUM	0.01	0.00998	0.001		100	90 - 110%
7440-22-4	SILVER	0.001	0.000954	0.00005		95	90 - 110%
7440-23-5	SODIUM	10	9.93	0.1		99	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000201	0.000015		100	90 - 110%
7440-62-2	VANADIUM	0.01	0.00969	0.0005		97	90 - 110%
7440-66-6	ZINC	0.2	0.196	0.01		98	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: ICV
QC Type: Initial Calibration

File Name: 002SMPL.

Run ID: IM220614-11A2
Date Analyzed: 06/14/2022
Time Analyzed: 9:44
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	1	1.01	0.01		101	90 - 110%
7440-36-0	ANTIMONY	0.006	0.00622	0.0001		104	90 - 110%
7440-38-2	ARSENIC	0.02	0.0201	0.0002		101	90 - 110%
7440-39-3	BARIUM	0.02	0.0195	0.0005		97	90 - 110%
7440-41-7	BERYLLIUM	0.01	0.00983	0.00005		98	90 - 110%
7440-43-9	CADMIUM	0.006	0.00602	0.0002		100	90 - 110%
7440-70-2	CALCIUM	10	9.35	0.1		93	90 - 110%
7440-47-3	CHROMIUM	0.1	0.100	0.001		100	90 - 110%
7440-48-4	COBALT	0.02	0.0210	0.0005		105	90 - 110%
7440-50-8	COPPER	0.2	0.215	0.002		108	90 - 110%
7439-89-6	IRON	1	0.957	0.01		96	90 - 110%
7439-92-1	LEAD	0.01	0.00995	0.0002		100	90 - 110%
7439-95-4	MAGNESIUM	2	1.96	0.01		98	90 - 110%
7439-96-5	MANGANESE	0.04	0.0406	0.001		102	90 - 110%
7440-02-0	NICKEL	0.1	0.0977	0.002		98	90 - 110%
7440-09-7	POTASSIUM	10	9.77	0.1		98	90 - 110%
7782-49-2	SELENIUM	0.02	0.0202	0.001		101	90 - 110%
7440-22-4	SILVER	0.002	0.00204	0.00014		102	90 - 110%
7440-23-5	SODIUM	20	21.2	0.1		106	90 - 110%
7440-28-0	THALLIUM	0.0004	0.000403	0.000015		101	90 - 110%
7440-62-2	VANADIUM	0.02	0.0186	0.0005		93	90 - 110%
7440-66-6	ZINC	0.4	0.405	0.01		101	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV3

QC Type: Continuing Calibration

File Name: 0216CCV.

Run ID: IM220614-11A2

Date Analyzed: 06/14/2022

Time Analyzed: 11:04

Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.517	0.01		103	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00308	0.0001		103	90 - 110%
7440-38-2	ARSENIC	0.01	0.0104	0.0002		104	90 - 110%
7440-39-3	BARIUM	0.01	0.00966	0.0005		97	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00499	0.00005		100	90 - 110%
7440-43-9	CADMIUM	0.003	0.00305	0.0002		102	90 - 110%
7440-70-2	CALCIUM	5	4.75	0.1		95	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0496	0.001		99	90 - 110%
7440-48-4	COBALT	0.01	0.0104	0.0005		104	90 - 110%
7440-50-8	COPPER	0.1	0.105	0.002		105	90 - 110%
7439-89-6	IRON	0.5	0.503	0.01		101	90 - 110%
7439-92-1	LEAD	0.005	0.00519	0.0002		104	90 - 110%
7439-95-4	MAGNESIUM	1	1.03	0.01		103	90 - 110%
7439-96-5	MANGANESE	0.02	0.0208	0.001		104	90 - 110%
7440-02-0	NICKEL	0.05	0.0507	0.002		101	90 - 110%
7440-09-7	POTASSIUM	5	4.98	0.1		100	90 - 110%
7782-49-2	SELENIUM	0.01	0.0104	0.001		104	90 - 110%
7440-22-4	SILVER	0.001	0.00104	0.00014		103	90 - 110%
7440-23-5	SODIUM	10	10.7	0.1		107	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000196	0.000015		98	90 - 110%
7440-62-2	VANADIUM	0.01	0.00938	0.0005		94	90 - 110%
7440-66-6	ZINC	0.2	0.208	0.01		104	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV4

QC Type: Continuing Calibration

File Name: 0336CCV.

Run ID: IM220614-11A2

Date Analyzed: 06/14/2022

Time Analyzed: 11:45

Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.510	0.01		102	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00309	0.0001		103	90 - 110%
7440-38-2	ARSENIC	0.01	0.0105	0.0002		105	90 - 110%
7440-39-3	BARIUM	0.01	0.00973	0.0005		97	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00477	0.00005		95	90 - 110%
7440-43-9	CADMIUM	0.003	0.00308	0.0002		103	90 - 110%
7440-70-2	CALCIUM	5	4.60	0.1		92	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0489	0.001		98	90 - 110%
7440-48-4	COBALT	0.01	0.0104	0.0005		104	90 - 110%
7440-50-8	COPPER	0.1	0.104	0.002		104	90 - 110%
7439-89-6	IRON	0.5	0.496	0.01		99	90 - 110%
7439-92-1	LEAD	0.005	0.00522	0.0002		104	90 - 110%
7439-95-4	MAGNESIUM	1	1.00	0.01		100	90 - 110%
7439-96-5	MANGANESE	0.02	0.0210	0.001		105	90 - 110%
7440-02-0	NICKEL	0.05	0.0503	0.002		101	90 - 110%
7440-09-7	POTASSIUM	5	4.89	0.1		98	90 - 110%
7782-49-2	SELENIUM	0.01	0.0103	0.001		103	90 - 110%
7440-22-4	SILVER	0.001	0.00103	0.00014		103	90 - 110%
7440-23-5	SODIUM	10	10.4	0.1		104	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000200	0.000015		100	90 - 110%
7440-62-2	VANADIUM	0.01	0.00924	0.0005		92	90 - 110%
7440-66-6	ZINC	0.2	0.206	0.01		103	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV5
QC Type: Continuing Calibration
File Name: 0386CCV.

Run ID: IM220614-11A2
Date Analyzed: 06/14/2022
Time Analyzed: 12:05
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.507	0.01		101	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00306	0.0001		102	90 - 110%
7440-38-2	ARSENIC	0.01	0.0104	0.0002		104	90 - 110%
7440-39-3	BARIUM	0.01	0.00981	0.0005		98	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00480	0.00005		96	90 - 110%
7440-43-9	CADMIUM	0.003	0.00304	0.0002		101	90 - 110%
7440-70-2	CALCIUM	5	4.67	0.1		93	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0492	0.001		98	90 - 110%
7440-48-4	COBALT	0.01	0.0103	0.0005		103	90 - 110%
7440-50-8	COPPER	0.1	0.104	0.002		104	90 - 110%
7439-89-6	IRON	0.5	0.498	0.01		100	90 - 110%
7439-92-1	LEAD	0.005	0.00515	0.0002		103	90 - 110%
7439-95-4	MAGNESIUM	1	1.01	0.01		101	90 - 110%
7439-96-5	MANGANESE	0.02	0.0209	0.001		104	90 - 110%
7440-02-0	NICKEL	0.05	0.0503	0.002		101	90 - 110%
7440-09-7	POTASSIUM	5	4.91	0.1		98	90 - 110%
7782-49-2	SELENIUM	0.01	0.0103	0.001		103	90 - 110%
7440-22-4	SILVER	0.001	0.00103	0.00014		103	90 - 110%
7440-23-5	SODIUM	10	10.6	0.1		106	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000194	0.000015		97	90 - 110%
7440-62-2	VANADIUM	0.01	0.00927	0.0005		93	90 - 110%
7440-66-6	ZINC	0.2	0.208	0.01		104	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV6

QC Type: Continuing Calibration

File Name: 0506CCV.

Run ID: IM220614-11A2

Date Analyzed: 06/14/2022

Time Analyzed: 12:49

Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.505	0.01		101	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00315	0.0001		105	90 - 110%
7440-38-2	ARSENIC	0.01	0.0104	0.0002		104	90 - 110%
7440-39-3	BARIUM	0.01	0.00962	0.0005		96	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00474	0.00005		95	90 - 110%
7440-43-9	CADMIUM	0.003	0.00304	0.0002		101	90 - 110%
7440-70-2	CALCIUM	5	4.61	0.1		92	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0482	0.001		96	90 - 110%
7440-48-4	COBALT	0.01	0.0104	0.0005		104	90 - 110%
7440-50-8	COPPER	0.1	0.103	0.002		103	90 - 110%
7439-89-6	IRON	0.5	0.491	0.01		98	90 - 110%
7439-92-1	LEAD	0.005	0.00523	0.0002		105	90 - 110%
7439-95-4	MAGNESIUM	1	0.995	0.01		99	90 - 110%
7439-96-5	MANGANESE	0.02	0.0207	0.001		104	90 - 110%
7440-02-0	NICKEL	0.05	0.0493	0.002		99	90 - 110%
7440-09-7	POTASSIUM	5	4.81	0.1		96	90 - 110%
7782-49-2	SELENIUM	0.01	0.0101	0.001		101	90 - 110%
7440-22-4	SILVER	0.001	0.00101	0.00014		101	90 - 110%
7440-23-5	SODIUM	10	10.4	0.1		104	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000199	0.000015		99	90 - 110%
7440-62-2	VANADIUM	0.01	0.00908	0.0005		91	90 - 110%
7440-66-6	ZINC	0.2	0.205	0.01		103	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV7
QC Type: Continuing Calibration
File Name: 0626CCV.

Run ID: IM220614-11A2
Date Analyzed: 06/14/2022
Time Analyzed: 13:30
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.508	0.01		102	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00308	0.0001		103	90 - 110%
7440-38-2	ARSENIC	0.01	0.0106	0.0002		106	90 - 110%
7440-39-3	BARIUM	0.01	0.00967	0.0005		97	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00478	0.00005		96	90 - 110%
7440-43-9	CADMIUM	0.003	0.00303	0.0002		101	90 - 110%
7440-70-2	CALCIUM	5	4.65	0.1		93	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0486	0.001		97	90 - 110%
7440-48-4	COBALT	0.01	0.0103	0.0005		103	90 - 110%
7440-50-8	COPPER	0.1	0.103	0.002		103	90 - 110%
7439-89-6	IRON	0.5	0.495	0.01		99	90 - 110%
7439-92-1	LEAD	0.005	0.00527	0.0002		105	90 - 110%
7439-95-4	MAGNESIUM	1	1.01	0.01		101	90 - 110%
7439-96-5	MANGANESE	0.02	0.0209	0.001		105	90 - 110%
7440-02-0	NICKEL	0.05	0.0501	0.002		100	90 - 110%
7440-09-7	POTASSIUM	5	4.82	0.1		96	90 - 110%
7782-49-2	SELENIUM	0.01	0.0102	0.001		102	90 - 110%
7440-22-4	SILVER	0.001	0.00101	0.00014		101	90 - 110%
7440-23-5	SODIUM	10	10.5	0.1		105	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000199	0.000015		99	90 - 110%
7440-62-2	VANADIUM	0.01	0.00922	0.0005		92	90 - 110%
7440-66-6	ZINC	0.2	0.203	0.01		102	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV8
QC Type: Continuing Calibration
File Name: 0746CCV.

Run ID: IM220614-11A2
Date Analyzed: 06/14/2022
Time Analyzed: 14:11
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.498	0.01		100	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00307	0.0001		102	90 - 110%
7440-38-2	ARSENIC	0.01	0.0105	0.0002		105	90 - 110%
7440-39-3	BARIUM	0.01	0.00981	0.0005		98	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00472	0.00005		94	90 - 110%
7440-43-9	CADMIUM	0.003	0.00301	0.0002		100	90 - 110%
7440-70-2	CALCIUM	5	4.67	0.1		93	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0487	0.001		97	90 - 110%
7440-48-4	COBALT	0.01	0.0102	0.0005		102	90 - 110%
7440-50-8	COPPER	0.1	0.103	0.002		103	90 - 110%
7439-89-6	IRON	0.5	0.498	0.01		100	90 - 110%
7439-92-1	LEAD	0.005	0.00527	0.0002		105	90 - 110%
7439-95-4	MAGNESIUM	1	0.982	0.01		98	90 - 110%
7439-96-5	MANGANESE	0.02	0.0205	0.001		103	90 - 110%
7440-02-0	NICKEL	0.05	0.0496	0.002		99	90 - 110%
7440-09-7	POTASSIUM	5	4.86	0.1		97	90 - 110%
7782-49-2	SELENIUM	0.01	0.0102	0.001		102	90 - 110%
7440-22-4	SILVER	0.001	0.00102	0.00014		102	90 - 110%
7440-23-5	SODIUM	10	10.4	0.1		104	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000199	0.000015		99	90 - 110%
7440-62-2	VANADIUM	0.01	0.00914	0.0005		91	90 - 110%
7440-66-6	ZINC	0.2	0.204	0.01		102	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV9
QC Type: Continuing Calibration
File Name: 0806CCV.

Run ID: IM220614-11A2
Date Analyzed: 06/14/2022
Time Analyzed: 14:38
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.501	0.01		100	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00307	0.0001		102	90 - 110%
7440-38-2	ARSENIC	0.01	0.0106	0.0002		106	90 - 110%
7440-39-3	BARIUM	0.01	0.00956	0.0005		96	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00475	0.00005		95	90 - 110%
7440-43-9	CADMIUM	0.003	0.00306	0.0002		102	90 - 110%
7440-70-2	CALCIUM	5	4.64	0.1		93	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0485	0.001		97	90 - 110%
7440-48-4	COBALT	0.01	0.0103	0.0005		103	90 - 110%
7440-50-8	COPPER	0.1	0.103	0.002		103	90 - 110%
7439-89-6	IRON	0.5	0.491	0.01		98	90 - 110%
7439-92-1	LEAD	0.005	0.00520	0.0002		104	90 - 110%
7439-95-4	MAGNESIUM	1	1.00	0.01		100	90 - 110%
7439-96-5	MANGANESE	0.02	0.0207	0.001		104	90 - 110%
7440-02-0	NICKEL	0.05	0.0495	0.002		99	90 - 110%
7440-09-7	POTASSIUM	5	4.87	0.1		97	90 - 110%
7782-49-2	SELENIUM	0.01	0.0102	0.001		102	90 - 110%
7440-22-4	SILVER	0.001	0.00103	0.00014		103	90 - 110%
7440-23-5	SODIUM	10	10.5	0.1		105	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000198	0.000015		99	90 - 110%
7440-62-2	VANADIUM	0.01	0.00918	0.0005		92	90 - 110%
7440-66-6	ZINC	0.2	0.205	0.01		102	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: ICV

QC Type: Initial Calibration

File Name: 002SMPL.

Run ID: IM220614-12A2

Date Analyzed: 06/14/2022

Time Analyzed: 15:40

Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	1	0.989	0.01		99	90 - 110%
7440-36-0	ANTIMONY	0.006	0.00604	0.0001		101	90 - 110%
7440-38-2	ARSENIC	0.02	0.0202	0.0002		101	90 - 110%
7440-39-3	BARIUM	0.02	0.0197	0.0005		99	90 - 110%
7440-41-7	BERYLLIUM	0.01	0.00929	0.00005		93	90 - 110%
7440-43-9	CADMIUM	0.006	0.00606	0.0002		101	90 - 110%
7440-70-2	CALCIUM	10	9.89	0.1		99	90 - 110%
7440-47-3	CHROMIUM	0.1	0.0992	0.001		99	90 - 110%
7440-48-4	COBALT	0.02	0.0200	0.0005		100	90 - 110%
7440-50-8	COPPER	0.2	0.217	0.002		109	90 - 110%
7439-89-6	IRON	1	0.965	0.01		96	90 - 110%
7439-92-1	LEAD	0.01	0.00974	0.0002		97	90 - 110%
7439-95-4	MAGNESIUM	2	1.93	0.01		97	90 - 110%
7439-96-5	MANGANESE	0.04	0.0399	0.001		100	90 - 110%
7440-02-0	NICKEL	0.1	0.0973	0.002		97	90 - 110%
7440-09-7	POTASSIUM	10	9.93	0.1		99	90 - 110%
7782-49-2	SELENIUM	0.02	0.0208	0.001		104	90 - 110%
7440-22-4	SILVER	0.002	0.00203	0.00014		102	90 - 110%
7440-23-5	SODIUM	20	20.7	0.1		104	90 - 110%
7440-28-0	THALLIUM	0.0004	0.000401	0.000015		100	90 - 110%
7440-62-2	VANADIUM	0.02	0.0200	0.0005		100	90 - 110%
7440-66-6	ZINC	0.4	0.395	0.01		99	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV1
QC Type: Continuing Calibration
File Name: 0076CCV.

Run ID: IM220614-12A2
Date Analyzed: 06/14/2022
Time Analyzed: 16:04
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.514	0.01		103	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00311	0.0001		104	90 - 110%
7440-38-2	ARSENIC	0.01	0.0104	0.0002		104	90 - 110%
7440-39-3	BARIUM	0.01	0.00958	0.0005		96	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00483	0.00005		97	90 - 110%
7440-43-9	CADMIUM	0.003	0.00308	0.0002		103	90 - 110%
7440-70-2	CALCIUM	5	5.05	0.1		101	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0488	0.001		98	90 - 110%
7440-48-4	COBALT	0.01	0.0102	0.0005		102	90 - 110%
7440-50-8	COPPER	0.1	0.104	0.002		104	90 - 110%
7439-89-6	IRON	0.5	0.500	0.01		100	90 - 110%
7439-92-1	LEAD	0.005	0.00510	0.0002		102	90 - 110%
7439-95-4	MAGNESIUM	1	1.02	0.01		102	90 - 110%
7439-96-5	MANGANESE	0.02	0.0206	0.001		103	90 - 110%
7440-02-0	NICKEL	0.05	0.0500	0.002		100	90 - 110%
7440-09-7	POTASSIUM	5	4.88	0.1		98	90 - 110%
7782-49-2	SELENIUM	0.01	0.0105	0.001		105	90 - 110%
7440-22-4	SILVER	0.001	0.00104	0.00014		104	90 - 110%
7440-23-5	SODIUM	10	10.4	0.1		104	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000201	0.000015		100	90 - 110%
7440-62-2	VANADIUM	0.01	0.0100	0.0005		100	90 - 110%
7440-66-6	ZINC	0.2	0.203	0.01		101	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV2
QC Type: Continuing Calibration
File Name: 0196CCV.

Run ID: IM220614-12A2
Date Analyzed: 06/14/2022
Time Analyzed: 16:51
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.501	0.01		100	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00301	0.0001		100	90 - 110%
7440-38-2	ARSENIC	0.01	0.0105	0.0002		105	90 - 110%
7440-39-3	BARIUM	0.01	0.00977	0.0005		98	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00474	0.00005		95	90 - 110%
7440-43-9	CADMIUM	0.003	0.00309	0.0002		103	90 - 110%
7440-70-2	CALCIUM	5	5.11	0.1		102	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0487	0.001		97	90 - 110%
7440-48-4	COBALT	0.01	0.0102	0.0005		102	90 - 110%
7440-50-8	COPPER	0.1	0.105	0.002		105	90 - 110%
7439-89-6	IRON	0.5	0.498	0.01		100	90 - 110%
7439-92-1	LEAD	0.005	0.00514	0.0002		103	90 - 110%
7439-95-4	MAGNESIUM	1	0.997	0.01		100	90 - 110%
7439-96-5	MANGANESE	0.02	0.0207	0.001		103	90 - 110%
7440-02-0	NICKEL	0.05	0.0501	0.002		100	90 - 110%
7440-09-7	POTASSIUM	5	4.88	0.1		98	90 - 110%
7782-49-2	SELENIUM	0.01	0.0102	0.001		102	90 - 110%
7440-22-4	SILVER	0.001	0.00104	0.00014		104	90 - 110%
7440-23-5	SODIUM	10	10.4	0.1		104	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000202	0.000015		101	90 - 110%
7440-62-2	VANADIUM	0.01	0.0101	0.0005		101	90 - 110%
7440-66-6	ZINC	0.2	0.211	0.01		106	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV3
QC Type: Continuing Calibration
File Name: 0316CCV.

Run ID: IM220614-12A2
Date Analyzed: 06/14/2022
Time Analyzed: 17:32
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.502	0.01		100	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00305	0.0001		102	90 - 110%
7440-38-2	ARSENIC	0.01	0.0105	0.0002		105	90 - 110%
7440-39-3	BARIUM	0.01	0.00976	0.0005		98	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00468	0.00005		94	90 - 110%
7440-43-9	CADMIUM	0.003	0.00312	0.0002		104	90 - 110%
7440-70-2	CALCIUM	5	5.02	0.1		100	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0491	0.001		98	90 - 110%
7440-48-4	COBALT	0.01	0.0102	0.0005		102	90 - 110%
7440-50-8	COPPER	0.1	0.105	0.002		105	90 - 110%
7439-89-6	IRON	0.5	0.502	0.01		100	90 - 110%
7439-92-1	LEAD	0.005	0.00512	0.0002		102	90 - 110%
7439-95-4	MAGNESIUM	1	1.01	0.01		101	90 - 110%
7439-96-5	MANGANESE	0.02	0.0204	0.001		102	90 - 110%
7440-02-0	NICKEL	0.05	0.0506	0.002		101	90 - 110%
7440-09-7	POTASSIUM	5	4.93	0.1		99	90 - 110%
7782-49-2	SELENIUM	0.01	0.0104	0.001		104	90 - 110%
7440-22-4	SILVER	0.001	0.00106	0.00014		105	90 - 110%
7440-23-5	SODIUM	10	10.2	0.1		102	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000201	0.000015		100	90 - 110%
7440-62-2	VANADIUM	0.01	0.0100	0.0005		100	90 - 110%
7440-66-6	ZINC	0.2	0.211	0.01		105	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV4
QC Type: Continuing Calibration
File Name: 0406CCV.

Run ID: IM220614-12A2
Date Analyzed: 06/14/2022
Time Analyzed: 18:04
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.507	0.01		101	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00303	0.0001		101	90 - 110%
7440-38-2	ARSENIC	0.01	0.0107	0.0002		107	90 - 110%
7440-39-3	BARIUM	0.01	0.00965	0.0005		96	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00466	0.00005		93	90 - 110%
7440-43-9	CADMIUM	0.003	0.00305	0.0002		102	90 - 110%
7440-70-2	CALCIUM	5	5.08	0.1		102	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0491	0.001		98	90 - 110%
7440-48-4	COBALT	0.01	0.0101	0.0005		101	90 - 110%
7440-50-8	COPPER	0.1	0.105	0.002		105	90 - 110%
7439-89-6	IRON	0.5	0.501	0.01		100	90 - 110%
7439-92-1	LEAD	0.005	0.00512	0.0002		102	90 - 110%
7439-95-4	MAGNESIUM	1	1.01	0.01		101	90 - 110%
7439-96-5	MANGANESE	0.02	0.0209	0.001		104	90 - 110%
7440-02-0	NICKEL	0.05	0.0504	0.002		101	90 - 110%
7440-09-7	POTASSIUM	5	4.89	0.1		98	90 - 110%
7782-49-2	SELENIUM	0.01	0.0102	0.001		102	90 - 110%
7440-22-4	SILVER	0.001	0.00104	0.00014		104	90 - 110%
7440-23-5	SODIUM	10	10.4	0.1		104	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000202	0.000015		101	90 - 110%
7440-62-2	VANADIUM	0.01	0.0102	0.0005		102	90 - 110%
7440-66-6	ZINC	0.2	0.210	0.01		105	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV5
QC Type: Continuing Calibration
File Name: 0476CCV.

Run ID: IM220614-12A2
Date Analyzed: 06/14/2022
Time Analyzed: 18:30
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.508	0.01		102	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00306	0.0001		102	90 - 110%
7440-38-2	ARSENIC	0.01	0.0107	0.0002		107	90 - 110%
7440-39-3	BARIUM	0.01	0.00970	0.0005		97	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00477	0.00005		95	90 - 110%
7440-43-9	CADMIUM	0.003	0.00306	0.0002		102	90 - 110%
7440-70-2	CALCIUM	5	5.00	0.1		100	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0485	0.001		97	90 - 110%
7440-48-4	COBALT	0.01	0.0101	0.0005		101	90 - 110%
7440-50-8	COPPER	0.1	0.103	0.002		103	90 - 110%
7439-89-6	IRON	0.5	0.500	0.01		100	90 - 110%
7439-92-1	LEAD	0.005	0.00503	0.0002		101	90 - 110%
7439-95-4	MAGNESIUM	1	1.00	0.01		100	90 - 110%
7439-96-5	MANGANESE	0.02	0.0207	0.001		103	90 - 110%
7440-02-0	NICKEL	0.05	0.0496	0.002		99	90 - 110%
7440-09-7	POTASSIUM	5	4.85	0.1		97	90 - 110%
7782-49-2	SELENIUM	0.01	0.0103	0.001		103	90 - 110%
7440-22-4	SILVER	0.001	0.00103	0.00014		103	90 - 110%
7440-23-5	SODIUM	10	10.4	0.1		104	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000199	0.000015		99	90 - 110%
7440-62-2	VANADIUM	0.01	0.0101	0.0005		101	90 - 110%
7440-66-6	ZINC	0.2	0.211	0.01		105	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV6
QC Type: Continuing Calibration
File Name: 0596CCV.

Run ID: IM220614-12A2
Date Analyzed: 06/14/2022
Time Analyzed: 19:14
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.507	0.01		101	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00308	0.0001		103	90 - 110%
7440-38-2	ARSENIC	0.01	0.0105	0.0002		105	90 - 110%
7440-39-3	BARIUM	0.01	0.00961	0.0005		96	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00468	0.00005		94	90 - 110%
7440-43-9	CADMIUM	0.003	0.00314	0.0002		105	90 - 110%
7440-70-2	CALCIUM	5	5.03	0.1		101	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0485	0.001		97	90 - 110%
7440-48-4	COBALT	0.01	0.0102	0.0005		102	90 - 110%
7440-50-8	COPPER	0.1	0.103	0.002		103	90 - 110%
7439-89-6	IRON	0.5	0.496	0.01		99	90 - 110%
7439-92-1	LEAD	0.005	0.00523	0.0002		105	90 - 110%
7439-95-4	MAGNESIUM	1	1.00	0.01		100	90 - 110%
7439-96-5	MANGANESE	0.02	0.0208	0.001		104	90 - 110%
7440-02-0	NICKEL	0.05	0.0499	0.002		100	90 - 110%
7440-09-7	POTASSIUM	5	4.81	0.1		96	90 - 110%
7782-49-2	SELENIUM	0.01	0.0103	0.001		103	90 - 110%
7440-22-4	SILVER	0.001	0.00104	0.00014		104	90 - 110%
7440-23-5	SODIUM	10	10.3	0.1		103	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000205	0.000015		102	90 - 110%
7440-62-2	VANADIUM	0.01	0.0100	0.0005		100	90 - 110%
7440-66-6	ZINC	0.2	0.206	0.01		103	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV7
QC Type: Continuing Calibration
File Name: 0706CCV.

Run ID: IM220614-12A2
Date Analyzed: 06/14/2022
Time Analyzed: 19:52
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.502	0.01		100	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00311	0.0001		104	90 - 110%
7440-38-2	ARSENIC	0.01	0.0105	0.0002		105	90 - 110%
7440-39-3	BARIUM	0.01	0.00975	0.0005		98	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00461	0.00005		92	90 - 110%
7440-43-9	CADMIUM	0.003	0.00310	0.0002		103	90 - 110%
7440-70-2	CALCIUM	5	5.09	0.1		102	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0487	0.001		97	90 - 110%
7440-48-4	COBALT	0.01	0.0101	0.0005		101	90 - 110%
7440-50-8	COPPER	0.1	0.104	0.002		104	90 - 110%
7439-89-6	IRON	0.5	0.497	0.01		99	90 - 110%
7439-92-1	LEAD	0.005	0.00520	0.0002		104	90 - 110%
7439-95-4	MAGNESIUM	1	1.01	0.01		101	90 - 110%
7439-96-5	MANGANESE	0.02	0.0206	0.001		103	90 - 110%
7440-02-0	NICKEL	0.05	0.0500	0.002		100	90 - 110%
7440-09-7	POTASSIUM	5	4.85	0.1		97	90 - 110%
7782-49-2	SELENIUM	0.01	0.0105	0.001		105	90 - 110%
7440-22-4	SILVER	0.001	0.00104	0.00014		104	90 - 110%
7440-23-5	SODIUM	10	10.4	0.1		104	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000204	0.000015		102	90 - 110%
7440-62-2	VANADIUM	0.01	0.0101	0.0005		101	90 - 110%
7440-66-6	ZINC	0.2	0.208	0.01		104	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV8
QC Type: Continuing Calibration
File Name: 0776CCV.

Run ID: IM220614-12A2
Date Analyzed: 06/14/2022
Time Analyzed: 20:18
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.512	0.01		102	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00303	0.0001		101	90 - 110%
7440-38-2	ARSENIC	0.01	0.0105	0.0002		105	90 - 110%
7440-39-3	BARIUM	0.01	0.00976	0.0005		98	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00458	0.00005		92	90 - 110%
7440-43-9	CADMIUM	0.003	0.00313	0.0002		104	90 - 110%
7440-70-2	CALCIUM	5	5.11	0.1		102	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0484	0.001		97	90 - 110%
7440-48-4	COBALT	0.01	0.00999	0.0005		100	90 - 110%
7440-50-8	COPPER	0.1	0.103	0.002		103	90 - 110%
7439-89-6	IRON	0.5	0.497	0.01		99	90 - 110%
7439-92-1	LEAD	0.005	0.00516	0.0002		103	90 - 110%
7439-95-4	MAGNESIUM	1	1.00	0.01		100	90 - 110%
7439-96-5	MANGANESE	0.02	0.0208	0.001		104	90 - 110%
7440-02-0	NICKEL	0.05	0.0495	0.002		99	90 - 110%
7440-09-7	POTASSIUM	5	4.82	0.1		96	90 - 110%
7782-49-2	SELENIUM	0.01	0.0104	0.001		104	90 - 110%
7440-22-4	SILVER	0.001	0.00103	0.00014		103	90 - 110%
7440-23-5	SODIUM	10	10.4	0.1		104	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000204	0.000015		102	90 - 110%
7440-62-2	VANADIUM	0.01	0.0101	0.0005		101	90 - 110%
7440-66-6	ZINC	0.2	0.203	0.01		102	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV9

QC Type: Continuing Calibration

File Name: 0896CCV.

Run ID: IM220614-12A2

Date Analyzed: 06/14/2022

Time Analyzed: 21:05

Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.501	0.01		100	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00307	0.0001		102	90 - 110%
7440-38-2	ARSENIC	0.01	0.0103	0.0002		103	90 - 110%
7440-39-3	BARIUM	0.01	0.00960	0.0005		96	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00458	0.00005		92	90 - 110%
7440-43-9	CADMIUM	0.003	0.00304	0.0002		101	90 - 110%
7440-70-2	CALCIUM	5	5.04	0.1		101	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0477	0.001		95	90 - 110%
7440-48-4	COBALT	0.01	0.00991	0.0005		99	90 - 110%
7440-50-8	COPPER	0.1	0.102	0.002		102	90 - 110%
7439-89-6	IRON	0.5	0.491	0.01		98	90 - 110%
7439-92-1	LEAD	0.005	0.00513	0.0002		103	90 - 110%
7439-95-4	MAGNESIUM	1	0.989	0.01		99	90 - 110%
7439-96-5	MANGANESE	0.02	0.0203	0.001		102	90 - 110%
7440-02-0	NICKEL	0.05	0.0488	0.002		98	90 - 110%
7440-09-7	POTASSIUM	5	4.77	0.1		95	90 - 110%
7782-49-2	SELENIUM	0.01	0.0101	0.001		101	90 - 110%
7440-22-4	SILVER	0.001	0.00102	0.00014		102	90 - 110%
7440-23-5	SODIUM	10	10.3	0.1		103	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000203	0.000015		101	90 - 110%
7440-62-2	VANADIUM	0.01	0.00995	0.0005		100	90 - 110%
7440-66-6	ZINC	0.2	0.198	0.01		99	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV10
QC Type: Continuing Calibration
File Name: 0996CCV.

Run ID: IM220614-12A2
Date Analyzed: 06/14/2022
Time Analyzed: 21:40
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.497	0.01		99	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00307	0.0001		102	90 - 110%
7440-38-2	ARSENIC	0.01	0.0103	0.0002		103	90 - 110%
7440-39-3	BARIUM	0.01	0.00992	0.0005		99	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00458	0.00005		92	90 - 110%
7440-43-9	CADMIUM	0.003	0.00314	0.0002		105	90 - 110%
7440-70-2	CALCIUM	5	4.95	0.1		99	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0480	0.001		96	90 - 110%
7440-48-4	COBALT	0.01	0.0100	0.0005		100	90 - 110%
7440-50-8	COPPER	0.1	0.102	0.002		102	90 - 110%
7439-89-6	IRON	0.5	0.493	0.01		99	90 - 110%
7439-92-1	LEAD	0.005	0.00507	0.0002		101	90 - 110%
7439-95-4	MAGNESIUM	1	1.00	0.01		100	90 - 110%
7439-96-5	MANGANESE	0.02	0.0202	0.001		101	90 - 110%
7440-02-0	NICKEL	0.05	0.0490	0.002		98	90 - 110%
7440-09-7	POTASSIUM	5	4.77	0.1		95	90 - 110%
7782-49-2	SELENIUM	0.01	0.0104	0.001		104	90 - 110%
7440-22-4	SILVER	0.001	0.00101	0.00014		101	90 - 110%
7440-23-5	SODIUM	10	10.1	0.1		101	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000197	0.000015		98	90 - 110%
7440-62-2	VANADIUM	0.01	0.00976	0.0005		98	90 - 110%
7440-66-6	ZINC	0.2	0.199	0.01		99	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV11
QC Type: Continuing Calibration
File Name: 1116CCV.

Run ID: IM220614-12A2
Date Analyzed: 06/14/2022
Time Analyzed: 22:24
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.495	0.01		99	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00307	0.0001		102	90 - 110%
7440-38-2	ARSENIC	0.01	0.0103	0.0002		103	90 - 110%
7440-39-3	BARIUM	0.01	0.00927	0.0005		93	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00452	0.00005		91	90 - 110%
7440-43-9	CADMIUM	0.003	0.00303	0.0002		101	90 - 110%
7440-70-2	CALCIUM	5	4.96	0.1		99	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0474	0.001		95	90 - 110%
7440-48-4	COBALT	0.01	0.00998	0.0005		100	90 - 110%
7440-50-8	COPPER	0.1	0.101	0.002		101	90 - 110%
7439-89-6	IRON	0.5	0.488	0.01		98	90 - 110%
7439-92-1	LEAD	0.005	0.00509	0.0002		102	90 - 110%
7439-95-4	MAGNESIUM	1	0.986	0.01		99	90 - 110%
7439-96-5	MANGANESE	0.02	0.0204	0.001		102	90 - 110%
7440-02-0	NICKEL	0.05	0.0485	0.002		97	90 - 110%
7440-09-7	POTASSIUM	5	4.70	0.1		94	90 - 110%
7782-49-2	SELENIUM	0.01	0.00987	0.001		99	90 - 110%
7440-22-4	SILVER	0.001	0.00100	0.00014		100	90 - 110%
7440-23-5	SODIUM	10	10.1	0.1		101	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000196	0.000015		98	90 - 110%
7440-62-2	VANADIUM	0.01	0.00995	0.0005		100	90 - 110%
7440-66-6	ZINC	0.2	0.199	0.01		99	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV12
QC Type: Continuing Calibration
File Name: 1186CCV.

Run ID: IM220614-12A2
Date Analyzed: 06/14/2022
Time Analyzed: 22:51
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.485	0.01		97	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00301	0.0001		100	90 - 110%
7440-38-2	ARSENIC	0.01	0.0101	0.0002		101	90 - 110%
7440-39-3	BARIUM	0.01	0.00958	0.0005		96	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00452	0.00005		91	90 - 110%
7440-43-9	CADMIUM	0.003	0.00303	0.0002		101	90 - 110%
7440-70-2	CALCIUM	5	4.88	0.1		98	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0475	0.001		95	90 - 110%
7440-48-4	COBALT	0.01	0.00976	0.0005		98	90 - 110%
7440-50-8	COPPER	0.1	0.102	0.002		102	90 - 110%
7439-89-6	IRON	0.5	0.485	0.01		97	90 - 110%
7439-92-1	LEAD	0.005	0.00512	0.0002		102	90 - 110%
7439-95-4	MAGNESIUM	1	0.985	0.01		99	90 - 110%
7439-96-5	MANGANESE	0.02	0.0199	0.001		100	90 - 110%
7440-02-0	NICKEL	0.05	0.0483	0.002		97	90 - 110%
7440-09-7	POTASSIUM	5	4.70	0.1		94	90 - 110%
7782-49-2	SELENIUM	0.01	0.0101	0.001		101	90 - 110%
7440-22-4	SILVER	0.001	0.00101	0.00014		101	90 - 110%
7440-23-5	SODIUM	10	9.95	0.1		99	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000198	0.000015		99	90 - 110%
7440-62-2	VANADIUM	0.01	0.00968	0.0005		97	90 - 110%
7440-66-6	ZINC	0.2	0.197	0.01		98	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV13
QC Type: Continuing Calibration
File Name: 1306CCV.

Run ID: IM220614-12A2
Date Analyzed: 06/14/2022
Time Analyzed: 23:38
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.491	0.01		98	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00305	0.0001		102	90 - 110%
7440-38-2	ARSENIC	0.01	0.0102	0.0002		102	90 - 110%
7440-39-3	BARIUM	0.01	0.00950	0.0005		95	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00457	0.00005		91	90 - 110%
7440-43-9	CADMIUM	0.003	0.00310	0.0002		103	90 - 110%
7440-70-2	CALCIUM	5	4.91	0.1		98	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0473	0.001		95	90 - 110%
7440-48-4	COBALT	0.01	0.00984	0.0005		98	90 - 110%
7440-50-8	COPPER	0.1	0.101	0.002		101	90 - 110%
7439-89-6	IRON	0.5	0.487	0.01		97	90 - 110%
7439-92-1	LEAD	0.005	0.00505	0.0002		101	90 - 110%
7439-95-4	MAGNESIUM	1	0.984	0.01		98	90 - 110%
7439-96-5	MANGANESE	0.02	0.0201	0.001		100	90 - 110%
7440-02-0	NICKEL	0.05	0.0485	0.002		97	90 - 110%
7440-09-7	POTASSIUM	5	4.71	0.1		94	90 - 110%
7782-49-2	SELENIUM	0.01	0.0103	0.001		103	90 - 110%
7440-22-4	SILVER	0.001	0.00103	0.00014		103	90 - 110%
7440-23-5	SODIUM	10	10.1	0.1		101	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000199	0.000015		99	90 - 110%
7440-62-2	VANADIUM	0.01	0.00982	0.0005		98	90 - 110%
7440-66-6	ZINC	0.2	0.196	0.01		98	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV14
QC Type: Continuing Calibration
File Name: 1426CCV.

Run ID: IM220614-12A2
Date Analyzed: 06/15/2022
Time Analyzed: 0:19
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.492	0.01		98	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00304	0.0001		101	90 - 110%
7440-38-2	ARSENIC	0.01	0.0103	0.0002		103	90 - 110%
7440-39-3	BARIUM	0.01	0.00952	0.0005		95	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00450	0.00005		90	90 - 110%
7440-43-9	CADMIUM	0.003	0.00308	0.0002		103	90 - 110%
7440-70-2	CALCIUM	5	4.86	0.1		97	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0468	0.001		94	90 - 110%
7440-48-4	COBALT	0.01	0.00990	0.0005		99	90 - 110%
7440-50-8	COPPER	0.1	0.100	0.002		100	90 - 110%
7439-89-6	IRON	0.5	0.485	0.01		97	90 - 110%
7439-92-1	LEAD	0.005	0.00507	0.0002		101	90 - 110%
7439-95-4	MAGNESIUM	1	0.985	0.01		98	90 - 110%
7439-96-5	MANGANESE	0.02	0.0202	0.001		101	90 - 110%
7440-02-0	NICKEL	0.05	0.0480	0.002		96	90 - 110%
7440-09-7	POTASSIUM	5	4.65	0.1		93	90 - 110%
7782-49-2	SELENIUM	0.01	0.0101	0.001		101	90 - 110%
7440-22-4	SILVER	0.001	0.00103	0.00014		103	90 - 110%
7440-23-5	SODIUM	10	10.0	0.1		100	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000197	0.000015		98	90 - 110%
7440-62-2	VANADIUM	0.01	0.00973	0.0005		97	90 - 110%
7440-66-6	ZINC	0.2	0.196	0.01		98	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV15
QC Type: Continuing Calibration

File Name: 1476CCV.

Run ID: IM220614-12A2
Date Analyzed: 06/15/2022
Time Analyzed: 0:39
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.492	0.01		98	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00299	0.0001		100	90 - 110%
7440-38-2	ARSENIC	0.01	0.0103	0.0002		103	90 - 110%
7440-39-3	BARIUM	0.01	0.00963	0.0005		96	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00452	0.00005		90	90 - 110%
7440-43-9	CADMIUM	0.003	0.00303	0.0002		101	90 - 110%
7440-70-2	CALCIUM	5	4.86	0.1		97	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0470	0.001		94	90 - 110%
7440-48-4	COBALT	0.01	0.00970	0.0005		97	90 - 110%
7440-50-8	COPPER	0.1	0.100	0.002		100	90 - 110%
7439-89-6	IRON	0.5	0.488	0.01		98	90 - 110%
7439-92-1	LEAD	0.005	0.00507	0.0002		101	90 - 110%
7439-95-4	MAGNESIUM	1	0.964	0.01		96	90 - 110%
7439-96-5	MANGANESE	0.02	0.0202	0.001		101	90 - 110%
7440-02-0	NICKEL	0.05	0.0480	0.002		96	90 - 110%
7440-09-7	POTASSIUM	5	4.67	0.1		93	90 - 110%
7782-49-2	SELENIUM	0.01	0.0100	0.001		100	90 - 110%
7440-22-4	SILVER	0.001	0.00101	0.00014		101	90 - 110%
7440-23-5	SODIUM	10	9.97	0.1		100	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000201	0.000015		100	90 - 110%
7440-62-2	VANADIUM	0.01	0.00968	0.0005		97	90 - 110%
7440-66-6	ZINC	0.2	0.197	0.01		98	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV16
QC Type: Continuing Calibration

File Name: 1596CCV.

Run ID: IM220614-12A2
Date Analyzed: 06/15/2022
Time Analyzed: 1:27
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.476	0.01		95	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00304	0.0001		101	90 - 110%
7440-38-2	ARSENIC	0.01	0.0101	0.0002		101	90 - 110%
7440-39-3	BARIUM	0.01	0.00957	0.0005		96	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00453	0.00005		91	90 - 110%
7440-43-9	CADMIUM	0.003	0.00308	0.0002		103	90 - 110%
7440-70-2	CALCIUM	5	4.86	0.1		97	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0469	0.001		94	90 - 110%
7440-48-4	COBALT	0.01	0.00988	0.0005		99	90 - 110%
7440-50-8	COPPER	0.1	0.0999	0.002		100	90 - 110%
7439-89-6	IRON	0.5	0.488	0.01		98	90 - 110%
7439-92-1	LEAD	0.005	0.00507	0.0002		101	90 - 110%
7439-95-4	MAGNESIUM	1	0.968	0.01		97	90 - 110%
7439-96-5	MANGANESE	0.02	0.0200	0.001		100	90 - 110%
7440-02-0	NICKEL	0.05	0.0480	0.002		96	90 - 110%
7440-09-7	POTASSIUM	5	4.68	0.1		94	90 - 110%
7782-49-2	SELENIUM	0.01	0.00991	0.001		99	90 - 110%
7440-22-4	SILVER	0.001	0.00102	0.00014		102	90 - 110%
7440-23-5	SODIUM	10	9.94	0.1		99	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000196	0.000015		98	90 - 110%
7440-62-2	VANADIUM	0.01	0.00959	0.0005		96	90 - 110%
7440-66-6	ZINC	0.2	0.193	0.01		97	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV17

QC Type: Continuing Calibration

File Name: 1716CCV.

Run ID: IM220614-12A2

Date Analyzed: 06/15/2022

Time Analyzed: 2:08

Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.491	0.01		98	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00303	0.0001		101	90 - 110%
7440-38-2	ARSENIC	0.01	0.0102	0.0002		102	90 - 110%
7440-39-3	BARIUM	0.01	0.00940	0.0005		94	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00446	0.00005	Z	89	90 - 110%
7440-43-9	CADMIUM	0.003	0.00298	0.0002		99	90 - 110%
7440-70-2	CALCIUM	5	4.94	0.1		99	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0462	0.001		92	90 - 110%
7440-48-4	COBALT	0.01	0.00968	0.0005		97	90 - 110%
7440-50-8	COPPER	0.1	0.0988	0.002		99	90 - 110%
7439-89-6	IRON	0.5	0.479	0.01		96	90 - 110%
7439-92-1	LEAD	0.005	0.00506	0.0002		101	90 - 110%
7439-95-4	MAGNESIUM	1	0.960	0.01		96	90 - 110%
7439-96-5	MANGANESE	0.02	0.0203	0.001		102	90 - 110%
7440-02-0	NICKEL	0.05	0.0472	0.002		94	90 - 110%
7440-09-7	POTASSIUM	5	4.60	0.1		92	90 - 110%
7782-49-2	SELENIUM	0.01	0.00987	0.001		99	90 - 110%
7440-22-4	SILVER	0.001	0.00100	0.00014		100	90 - 110%
7440-23-5	SODIUM	10	9.95	0.1		99	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000199	0.000015		99	90 - 110%
7440-62-2	VANADIUM	0.01	0.00981	0.0005		98	90 - 110%
7440-66-6	ZINC	0.2	0.195	0.01		97	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV18
QC Type: Continuing Calibration
File Name: 1766CCV.

Run ID: IM220614-12A2
Date Analyzed: 06/15/2022
Time Analyzed: 2:28
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.491	0.01		98	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00302	0.0001		101	90 - 110%
7440-38-2	ARSENIC	0.01	0.0102	0.0002		102	90 - 110%
7440-39-3	BARIUM	0.01	0.00920	0.0005		92	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00442	0.00005	Z	88	90 - 110%
7440-43-9	CADMIUM	0.003	0.00307	0.0002		102	90 - 110%
7440-70-2	CALCIUM	5	4.95	0.1		99	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0462	0.001		92	90 - 110%
7440-48-4	COBALT	0.01	0.00977	0.0005		98	90 - 110%
7440-50-8	COPPER	0.1	0.0988	0.002		99	90 - 110%
7439-89-6	IRON	0.5	0.477	0.01		95	90 - 110%
7439-92-1	LEAD	0.005	0.00502	0.0002		100	90 - 110%
7439-95-4	MAGNESIUM	1	0.970	0.01		97	90 - 110%
7439-96-5	MANGANESE	0.02	0.0204	0.001		102	90 - 110%
7440-02-0	NICKEL	0.05	0.0473	0.002		95	90 - 110%
7440-09-7	POTASSIUM	5	4.60	0.1		92	90 - 110%
7782-49-2	SELENIUM	0.01	0.00971	0.001		97	90 - 110%
7440-22-4	SILVER	0.001	0.000995	0.00014		99	90 - 110%
7440-23-5	SODIUM	10	9.99	0.1		100	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000199	0.000015		99	90 - 110%
7440-62-2	VANADIUM	0.01	0.00975	0.0005		97	90 - 110%
7440-66-6	ZINC	0.2	0.195	0.01		97	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: ICV
QC Type: Initial Calibration

File Name: 002SMPL.

Run ID: IM220615-10A2
Date Analyzed: 06/15/2022
Time Analyzed: 10:31
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	1	1.05	0.01		105	90 - 110%
7440-36-0	ANTIMONY	0.006	0.00615	0.0001		103	90 - 110%
7440-38-2	ARSENIC	0.02	0.0192	0.0002		96	90 - 110%
7440-39-3	BARIUM	0.02	0.0198	0.0005		99	90 - 110%
7440-41-7	BERYLLIUM	0.01	0.0104	0.00005		104	90 - 110%
7440-43-9	CADMIUM	0.006	0.00590	0.0002		98	90 - 110%
7440-70-2	CALCIUM	10	9.52	0.1		95	90 - 110%
7440-47-3	CHROMIUM	0.1	0.102	0.001		102	90 - 110%
7440-48-4	COBALT	0.02	0.0210	0.0005		105	90 - 110%
7440-50-8	COPPER	0.2	0.211	0.002		105	90 - 110%
7439-89-6	IRON	1	0.988	0.01		99	90 - 110%
7439-92-1	LEAD	0.01	0.00931	0.0002		93	90 - 110%
7439-95-4	MAGNESIUM	2	2.02	0.01		101	90 - 110%
7439-96-5	MANGANESE	0.04	0.0417	0.001		104	90 - 110%
7440-02-0	NICKEL	0.1	0.0989	0.002		99	90 - 110%
7440-09-7	POTASSIUM	10	10.2	0.1		102	90 - 110%
7782-49-2	SELENIUM	0.02	0.0213	0.001		106	90 - 110%
7440-22-4	SILVER	0.002	0.00200	0.00014		100	90 - 110%
7440-23-5	SODIUM	20	21.8	0.1		109	90 - 110%
7440-28-0	THALLIUM	0.0004	0.000394	0.000015		98	90 - 110%
7440-62-2	VANADIUM	0.02	0.0192	0.0005		96	90 - 110%
7440-66-6	ZINC	0.4	0.412	0.01		103	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV1
QC Type: Continuing Calibration

File Name: 007SMPL.

Run ID: IM220615-10A2
Date Analyzed: 06/15/2022
Time Analyzed: 10:55
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.536	0.01		107	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00317	0.0001		106	90 - 110%
7440-38-2	ARSENIC	0.01	0.0101	0.0002		101	90 - 110%
7440-39-3	BARIUM	0.01	0.00989	0.0005		99	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00529	0.00005		106	90 - 110%
7440-43-9	CADMIUM	0.003	0.00316	0.0002		105	90 - 110%
7440-70-2	CALCIUM	5	4.88	0.1		98	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0498	0.001		100	90 - 110%
7440-48-4	COBALT	0.01	0.0106	0.0005		106	90 - 110%
7440-50-8	COPPER	0.1	0.101	0.002		101	90 - 110%
7439-89-6	IRON	0.5	0.511	0.01		102	90 - 110%
7439-92-1	LEAD	0.005	0.00490	0.0002		98	90 - 110%
7439-95-4	MAGNESIUM	1	1.05	0.01		105	90 - 110%
7439-96-5	MANGANESE	0.02	0.0213	0.001		107	90 - 110%
7440-02-0	NICKEL	0.05	0.0510	0.002		102	90 - 110%
7440-09-7	POTASSIUM	5	5.04	0.1		101	90 - 110%
7782-49-2	SELENIUM	0.01	0.0106	0.001		106	90 - 110%
7440-22-4	SILVER	0.001	0.00104	0.00014		103	90 - 110%
7440-23-5	SODIUM	10	10.9	0.1		109	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000200	0.000015		100	90 - 110%
7440-62-2	VANADIUM	0.01	0.00960	0.0005		96	90 - 110%
7440-66-6	ZINC	0.2	0.213	0.01		106	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV2
QC Type: Continuing Calibration

File Name: 0196CCV.

Run ID: IM220615-10A2
Date Analyzed: 06/15/2022
Time Analyzed: 11:36
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.537	0.01		107	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00314	0.0001		105	90 - 110%
7440-38-2	ARSENIC	0.01	0.0103	0.0002		103	90 - 110%
7440-39-3	BARIUM	0.01	0.00999	0.0005		100	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00542	0.00005		108	90 - 110%
7440-43-9	CADMIUM	0.003	0.00319	0.0002		106	90 - 110%
7440-70-2	CALCIUM	5	4.86	0.1		97	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0514	0.001		103	90 - 110%
7440-48-4	COBALT	0.01	0.0107	0.0005		107	90 - 110%
7440-50-8	COPPER	0.1	0.103	0.002		103	90 - 110%
7439-89-6	IRON	0.5	0.526	0.01		105	90 - 110%
7439-92-1	LEAD	0.005	0.00494	0.0002		99	90 - 110%
7439-95-4	MAGNESIUM	1	1.07	0.01		107	90 - 110%
7439-96-5	MANGANESE	0.02	0.0213	0.001		106	90 - 110%
7440-02-0	NICKEL	0.05	0.0522	0.002		104	90 - 110%
7440-09-7	POTASSIUM	5	5.19	0.1		104	90 - 110%
7782-49-2	SELENIUM	0.01	0.0108	0.001		108	90 - 110%
7440-22-4	SILVER	0.001	0.00105	0.00014		105	90 - 110%
7440-23-5	SODIUM	10	10.8	0.1		108	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000205	0.000015		102	90 - 110%
7440-62-2	VANADIUM	0.01	0.00981	0.0005		98	90 - 110%
7440-66-6	ZINC	0.2	0.215	0.01		108	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV3
QC Type: Continuing Calibration
File Name: 0316CCV.

Run ID: IM220615-10A2
Date Analyzed: 06/15/2022
Time Analyzed: 12:17
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.524	0.01		105	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00317	0.0001		106	90 - 110%
7440-38-2	ARSENIC	0.01	0.0101	0.0002		101	90 - 110%
7440-39-3	BARIUM	0.01	0.00990	0.0005		99	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00533	0.00005		107	90 - 110%
7440-43-9	CADMIUM	0.003	0.00311	0.0002		104	90 - 110%
7440-70-2	CALCIUM	5	4.88	0.1		98	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0505	0.001		101	90 - 110%
7440-48-4	COBALT	0.01	0.0106	0.0005		106	90 - 110%
7440-50-8	COPPER	0.1	0.101	0.002		101	90 - 110%
7439-89-6	IRON	0.5	0.518	0.01		104	90 - 110%
7439-92-1	LEAD	0.005	0.00498	0.0002		100	90 - 110%
7439-95-4	MAGNESIUM	1	1.04	0.01		104	90 - 110%
7439-96-5	MANGANESE	0.02	0.0210	0.001		105	90 - 110%
7440-02-0	NICKEL	0.05	0.0511	0.002		102	90 - 110%
7440-09-7	POTASSIUM	5	5.14	0.1		103	90 - 110%
7782-49-2	SELENIUM	0.01	0.0109	0.001		109	90 - 110%
7440-22-4	SILVER	0.001	0.00105	0.00014		105	90 - 110%
7440-23-5	SODIUM	10	10.8	0.1		108	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000209	0.000015		104	90 - 110%
7440-62-2	VANADIUM	0.01	0.00966	0.0005		97	90 - 110%
7440-66-6	ZINC	0.2	0.211	0.01		106	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV4
QC Type: Continuing Calibration
File Name: 0386CCV.

Run ID: IM220615-10A2
Date Analyzed: 06/15/2022
Time Analyzed: 12:44
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.536	0.01		107	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00315	0.0001		105	90 - 110%
7440-38-2	ARSENIC	0.01	0.0101	0.0002		101	90 - 110%
7440-39-3	BARIUM	0.01	0.00990	0.0005		99	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00528	0.00005		106	90 - 110%
7440-43-9	CADMIUM	0.003	0.00312	0.0002		104	90 - 110%
7440-70-2	CALCIUM	5	4.83	0.1		97	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0505	0.001		101	90 - 110%
7440-48-4	COBALT	0.01	0.0106	0.0005		106	90 - 110%
7440-50-8	COPPER	0.1	0.102	0.002		102	90 - 110%
7439-89-6	IRON	0.5	0.516	0.01		103	90 - 110%
7439-92-1	LEAD	0.005	0.00493	0.0002		99	90 - 110%
7439-95-4	MAGNESIUM	1	1.05	0.01		105	90 - 110%
7439-96-5	MANGANESE	0.02	0.0218	0.001		109	90 - 110%
7440-02-0	NICKEL	0.05	0.0512	0.002		102	90 - 110%
7440-09-7	POTASSIUM	5	5.13	0.1		103	90 - 110%
7782-49-2	SELENIUM	0.01	0.0105	0.001		105	90 - 110%
7440-22-4	SILVER	0.001	0.00104	0.00014		104	90 - 110%
7440-23-5	SODIUM	10	10.8	0.1		108	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000207	0.000015		103	90 - 110%
7440-62-2	VANADIUM	0.01	0.00969	0.0005		97	90 - 110%
7440-66-6	ZINC	0.2	0.211	0.01		105	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV5
QC Type: Continuing Calibration
File Name: 0496CCV.

Run ID: IM220615-10A2
Date Analyzed: 06/15/2022
Time Analyzed: 13:28
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.540	0.01		108	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00315	0.0001		105	90 - 110%
7440-38-2	ARSENIC	0.01	0.00990	0.0002		99	90 - 110%
7440-39-3	BARIUM	0.01	0.00991	0.0005		99	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00524	0.00005		105	90 - 110%
7440-43-9	CADMIUM	0.003	0.00313	0.0002		104	90 - 110%
7440-70-2	CALCIUM	5	4.74	0.1		95	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0492	0.001		98	90 - 110%
7440-48-4	COBALT	0.01	0.0105	0.0005		105	90 - 110%
7440-50-8	COPPER	0.1	0.0987	0.002		99	90 - 110%
7439-89-6	IRON	0.5	0.505	0.01		101	90 - 110%
7439-92-1	LEAD	0.005	0.00486	0.0002		97	90 - 110%
7439-95-4	MAGNESIUM	1	1.04	0.01		104	90 - 110%
7439-96-5	MANGANESE	0.02	0.0216	0.001		108	90 - 110%
7440-02-0	NICKEL	0.05	0.0499	0.002		100	90 - 110%
7440-09-7	POTASSIUM	5	4.95	0.1		99	90 - 110%
7782-49-2	SELENIUM	0.01	0.0102	0.001		102	90 - 110%
7440-22-4	SILVER	0.001	0.00102	0.00014		102	90 - 110%
7440-23-5	SODIUM	10	11.0	0.1		110	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000206	0.000015		103	90 - 110%
7440-62-2	VANADIUM	0.01	0.00938	0.0005		94	90 - 110%
7440-66-6	ZINC	0.2	0.204	0.01		102	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV6
QC Type: Continuing Calibration
File Name: 0616CCV.

Run ID: IM220615-10A2
Date Analyzed: 06/15/2022
Time Analyzed: 14:10
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.534	0.01		107	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00318	0.0001		106	90 - 110%
7440-38-2	ARSENIC	0.01	0.00997	0.0002		100	90 - 110%
7440-39-3	BARIUM	0.01	0.0102	0.0005		102	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00529	0.00005		106	90 - 110%
7440-43-9	CADMIUM	0.003	0.00316	0.0002		105	90 - 110%
7440-70-2	CALCIUM	5	4.81	0.1		96	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0500	0.001		100	90 - 110%
7440-48-4	COBALT	0.01	0.0105	0.0005		105	90 - 110%
7440-50-8	COPPER	0.1	0.100	0.002		100	90 - 110%
7439-89-6	IRON	0.5	0.512	0.01		102	90 - 110%
7439-92-1	LEAD	0.005	0.00497	0.0002		99	90 - 110%
7439-95-4	MAGNESIUM	1	1.05	0.01		105	90 - 110%
7439-96-5	MANGANESE	0.02	0.0216	0.001		108	90 - 110%
7440-02-0	NICKEL	0.05	0.0510	0.002		102	90 - 110%
7440-09-7	POTASSIUM	5	5.10	0.1		102	90 - 110%
7782-49-2	SELENIUM	0.01	0.0105	0.001		105	90 - 110%
7440-22-4	SILVER	0.001	0.00105	0.00014		105	90 - 110%
7440-23-5	SODIUM	10	10.9	0.1		109	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000207	0.000015		103	90 - 110%
7440-62-2	VANADIUM	0.01	0.00965	0.0005		96	90 - 110%
7440-66-6	ZINC	0.2	0.213	0.01		106	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV7
QC Type: Continuing Calibration
File Name: 0736CCV.

Run ID: IM220615-10A2
Date Analyzed: 06/15/2022
Time Analyzed: 14:51
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.529	0.01		106	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00312	0.0001		104	90 - 110%
7440-38-2	ARSENIC	0.01	0.0101	0.0002		101	90 - 110%
7440-39-3	BARIUM	0.01	0.00962	0.0005		96	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00518	0.00005		104	90 - 110%
7440-43-9	CADMIUM	0.003	0.00314	0.0002		105	90 - 110%
7440-70-2	CALCIUM	5	4.97	0.1		99	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0505	0.001		101	90 - 110%
7440-48-4	COBALT	0.01	0.0105	0.0005		105	90 - 110%
7440-50-8	COPPER	0.1	0.101	0.002		101	90 - 110%
7439-89-6	IRON	0.5	0.518	0.01		104	90 - 110%
7439-92-1	LEAD	0.005	0.00493	0.0002		99	90 - 110%
7439-95-4	MAGNESIUM	1	1.07	0.01		107	90 - 110%
7439-96-5	MANGANESE	0.02	0.0214	0.001		107	90 - 110%
7440-02-0	NICKEL	0.05	0.0511	0.002		102	90 - 110%
7440-09-7	POTASSIUM	5	5.11	0.1		102	90 - 110%
7782-49-2	SELENIUM	0.01	0.0108	0.001		108	90 - 110%
7440-22-4	SILVER	0.001	0.00101	0.00014		101	90 - 110%
7440-23-5	SODIUM	10	10.8	0.1		108	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000205	0.000015		102	90 - 110%
7440-62-2	VANADIUM	0.01	0.00967	0.0005		97	90 - 110%
7440-66-6	ZINC	0.2	0.216	0.01		108	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV8
QC Type: Continuing Calibration
File Name: 0776CCV.

Run ID: IM220615-10A2
Date Analyzed: 06/15/2022
Time Analyzed: 15:09
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.530	0.01		106	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00316	0.0001		105	90 - 110%
7440-38-2	ARSENIC	0.01	0.0102	0.0002		102	90 - 110%
7440-39-3	BARIUM	0.01	0.00998	0.0005		100	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00522	0.00005		105	90 - 110%
7440-43-9	CADMIUM	0.003	0.00322	0.0002		107	90 - 110%
7440-70-2	CALCIUM	5	4.94	0.1		99	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0510	0.001		102	90 - 110%
7440-48-4	COBALT	0.01	0.0106	0.0005		106	90 - 110%
7440-50-8	COPPER	0.1	0.102	0.002		102	90 - 110%
7439-89-6	IRON	0.5	0.527	0.01		105	90 - 110%
7439-92-1	LEAD	0.005	0.00495	0.0002		99	90 - 110%
7439-95-4	MAGNESIUM	1	1.07	0.01		107	90 - 110%
7439-96-5	MANGANESE	0.02	0.0212	0.001		106	90 - 110%
7440-02-0	NICKEL	0.05	0.0518	0.002		104	90 - 110%
7440-09-7	POTASSIUM	5	5.19	0.1		104	90 - 110%
7782-49-2	SELENIUM	0.01	0.0109	0.001		109	90 - 110%
7440-22-4	SILVER	0.001	0.00105	0.00014		105	90 - 110%
7440-23-5	SODIUM	10	10.8	0.1		108	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000205	0.000015		102	90 - 110%
7440-62-2	VANADIUM	0.01	0.00988	0.0005		99	90 - 110%
7440-66-6	ZINC	0.2	0.218	0.01		109	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV9
QC Type: Continuing Calibration
File Name: 0896CCV.

Run ID: IM220615-10A2
Date Analyzed: 06/15/2022
Time Analyzed: 15:53
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.536	0.01		107	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00321	0.0001		107	90 - 110%
7440-38-2	ARSENIC	0.01	0.0101	0.0002		101	90 - 110%
7440-39-3	BARIUM	0.01	0.00979	0.0005		98	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00520	0.00005		104	90 - 110%
7440-43-9	CADMIUM	0.003	0.00318	0.0002		106	90 - 110%
7440-70-2	CALCIUM	5	4.87	0.1		97	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0499	0.001		100	90 - 110%
7440-48-4	COBALT	0.01	0.0107	0.0005		107	90 - 110%
7440-50-8	COPPER	0.1	0.100	0.002		100	90 - 110%
7439-89-6	IRON	0.5	0.514	0.01		103	90 - 110%
7439-92-1	LEAD	0.005	0.00487	0.0002		97	90 - 110%
7439-95-4	MAGNESIUM	1	1.06	0.01		106	90 - 110%
7439-96-5	MANGANESE	0.02	0.0214	0.001		107	90 - 110%
7440-02-0	NICKEL	0.05	0.0508	0.002		102	90 - 110%
7440-09-7	POTASSIUM	5	5.05	0.1		101	90 - 110%
7782-49-2	SELENIUM	0.01	0.0108	0.001		108	90 - 110%
7440-22-4	SILVER	0.001	0.00102	0.00014		102	90 - 110%
7440-23-5	SODIUM	10	11.0	0.1		110	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000204	0.000015		102	90 - 110%
7440-62-2	VANADIUM	0.01	0.00952	0.0005		95	90 - 110%
7440-66-6	ZINC	0.2	0.213	0.01		106	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV10
QC Type: Continuing Calibration
File Name: 1016CCV.

Run ID: IM220615-10A2
Date Analyzed: 06/15/2022
Time Analyzed: 16:34
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.535	0.01		107	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00317	0.0001		106	90 - 110%
7440-38-2	ARSENIC	0.01	0.0101	0.0002		101	90 - 110%
7440-39-3	BARIUM	0.01	0.00998	0.0005		100	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00516	0.00005		103	90 - 110%
7440-43-9	CADMIUM	0.003	0.00312	0.0002		104	90 - 110%
7440-70-2	CALCIUM	5	4.87	0.1		97	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0503	0.001		101	90 - 110%
7440-48-4	COBALT	0.01	0.0105	0.0005		105	90 - 110%
7440-50-8	COPPER	0.1	0.101	0.002		101	90 - 110%
7439-89-6	IRON	0.5	0.517	0.01		103	90 - 110%
7439-92-1	LEAD	0.005	0.00487	0.0002		97	90 - 110%
7439-95-4	MAGNESIUM	1	1.04	0.01		104	90 - 110%
7439-96-5	MANGANESE	0.02	0.0214	0.001		107	90 - 110%
7440-02-0	NICKEL	0.05	0.0508	0.002		102	90 - 110%
7440-09-7	POTASSIUM	5	5.09	0.1		102	90 - 110%
7782-49-2	SELENIUM	0.01	0.0108	0.001		108	90 - 110%
7440-22-4	SILVER	0.001	0.00106	0.00014		106	90 - 110%
7440-23-5	SODIUM	10	10.8	0.1		108	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000208	0.000015		104	90 - 110%
7440-62-2	VANADIUM	0.01	0.00969	0.0005		97	90 - 110%
7440-66-6	ZINC	0.2	0.209	0.01		104	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: ICV
QC Type: Initial Calibration

File Name: 002SMPL.

Run ID: IM220616-10A2
Date Analyzed: 06/16/2022
Time Analyzed: 14:43
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	1	1.02	0.01		102	90 - 110%
7440-36-0	ANTIMONY	0.006	0.00618	0.0001		103	90 - 110%
7440-38-2	ARSENIC	0.02	0.0200	0.0002		100	90 - 110%
7440-39-3	BARIUM	0.02	0.0203	0.0005		101	90 - 110%
7440-41-7	BERYLLIUM	0.01	0.00999	0.00005		100	90 - 110%
7440-43-9	CADMIUM	0.006	0.00585	0.0002		97	90 - 110%
7440-70-2	CALCIUM	10	9.79	0.1		98	90 - 110%
7440-47-3	CHROMIUM	0.1	0.0998	0.001		100	90 - 110%
7440-48-4	COBALT	0.02	0.0209	0.0005		104	90 - 110%
7440-50-8	COPPER	0.2	0.214	0.002		107	90 - 110%
7439-89-6	IRON	1	0.943	0.01		94	90 - 110%
7439-92-1	LEAD	0.01	0.00973	0.0002		97	90 - 110%
7439-95-4	MAGNESIUM	2	1.94	0.01		97	90 - 110%
7439-96-5	MANGANESE	0.04	0.0407	0.001		102	90 - 110%
7440-02-0	NICKEL	0.1	0.105	0.002		105	90 - 110%
7440-09-7	POTASSIUM	10	9.66	0.1		97	90 - 110%
7782-49-2	SELENIUM	0.02	0.0202	0.001		101	90 - 110%
7440-22-4	SILVER	0.002	0.00198	0.00014		99	90 - 110%
7440-23-5	SODIUM	20	20.7	0.1		103	90 - 110%
7440-28-0	THALLIUM	0.0004	0.000389	0.000015		97	90 - 110%
7440-62-2	VANADIUM	0.02	0.0197	0.0005		98	90 - 110%
7440-66-6	ZINC	0.4	0.400	0.01		100	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV1

QC Type: Continuing Calibration

File Name: 0076CCV.

Run ID: IM220616-10A2

Date Analyzed: 06/16/2022

Time Analyzed: 15:06

Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.520	0.01		104	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00309	0.0001		103	90 - 110%
7440-38-2	ARSENIC	0.01	0.0105	0.0002		105	90 - 110%
7440-39-3	BARIUM	0.01	0.0105	0.0005		105	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00488	0.00005		98	90 - 110%
7440-43-9	CADMIUM	0.003	0.00295	0.0002		98	90 - 110%
7440-70-2	CALCIUM	5	5.02	0.1		100	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0484	0.001		97	90 - 110%
7440-48-4	COBALT	0.01	0.0103	0.0005		103	90 - 110%
7440-50-8	COPPER	0.1	0.103	0.002		103	90 - 110%
7439-89-6	IRON	0.5	0.479	0.01		96	90 - 110%
7439-92-1	LEAD	0.005	0.00511	0.0002		102	90 - 110%
7439-95-4	MAGNESIUM	1	1.01	0.01		101	90 - 110%
7439-96-5	MANGANESE	0.02	0.0211	0.001		105	90 - 110%
7440-02-0	NICKEL	0.05	0.0544	0.002		109	90 - 110%
7440-09-7	POTASSIUM	5	4.74	0.1		95	90 - 110%
7782-49-2	SELENIUM	0.01	0.0101	0.001		101	90 - 110%
7440-22-4	SILVER	0.001	0.00102	0.00014		102	90 - 110%
7440-23-5	SODIUM	10	10.4	0.1		104	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000199	0.000015		99	90 - 110%
7440-62-2	VANADIUM	0.01	0.00993	0.0005		99	90 - 110%
7440-66-6	ZINC	0.2	0.202	0.01		101	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV2
QC Type: Continuing Calibration
File Name: 0196CCV.

Run ID: IM220616-10A2
Date Analyzed: 06/16/2022
Time Analyzed: 15:50
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.506	0.01		101	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00304	0.0001		101	90 - 110%
7440-38-2	ARSENIC	0.01	0.0103	0.0002		103	90 - 110%
7440-39-3	BARIUM	0.01	0.0102	0.0005		102	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00478	0.00005		96	90 - 110%
7440-43-9	CADMIUM	0.003	0.00298	0.0002		99	90 - 110%
7440-70-2	CALCIUM	5	4.96	0.1		99	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0485	0.001		97	90 - 110%
7440-48-4	COBALT	0.01	0.0103	0.0005		103	90 - 110%
7440-50-8	COPPER	0.1	0.104	0.002		104	90 - 110%
7439-89-6	IRON	0.5	0.478	0.01		96	90 - 110%
7439-92-1	LEAD	0.005	0.00501	0.0002		100	90 - 110%
7439-95-4	MAGNESIUM	1	0.985	0.01		98	90 - 110%
7439-96-5	MANGANESE	0.02	0.0207	0.001		103	90 - 110%
7440-02-0	NICKEL	0.05	0.0539	0.002		108	90 - 110%
7440-09-7	POTASSIUM	5	4.73	0.1		95	90 - 110%
7782-49-2	SELENIUM	0.01	0.0101	0.001		101	90 - 110%
7440-22-4	SILVER	0.001	0.000999	0.00014		100	90 - 110%
7440-23-5	SODIUM	10	10.1	0.1		101	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000198	0.000015		99	90 - 110%
7440-62-2	VANADIUM	0.01	0.00985	0.0005		99	90 - 110%
7440-66-6	ZINC	0.2	0.203	0.01		102	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV3
QC Type: Continuing Calibration
File Name: 0236CCV.

Run ID: IM220616-10A2
Date Analyzed: 06/16/2022
Time Analyzed: 16:08
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.511	0.01		102	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00308	0.0001		103	90 - 110%
7440-38-2	ARSENIC	0.01	0.0104	0.0002		104	90 - 110%
7440-39-3	BARIUM	0.01	0.0103	0.0005		103	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00468	0.00005		94	90 - 110%
7440-43-9	CADMIUM	0.003	0.00298	0.0002		99	90 - 110%
7440-70-2	CALCIUM	5	5.02	0.1		100	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0486	0.001		97	90 - 110%
7440-48-4	COBALT	0.01	0.0103	0.0005		103	90 - 110%
7440-50-8	COPPER	0.1	0.103	0.002		103	90 - 110%
7439-89-6	IRON	0.5	0.481	0.01		96	90 - 110%
7439-92-1	LEAD	0.005	0.00500	0.0002		100	90 - 110%
7439-95-4	MAGNESIUM	1	0.989	0.01		99	90 - 110%
7439-96-5	MANGANESE	0.02	0.0211	0.001		105	90 - 110%
7440-02-0	NICKEL	0.05	0.0548	0.002		110	90 - 110%
7440-09-7	POTASSIUM	5	4.81	0.1		96	90 - 110%
7782-49-2	SELENIUM	0.01	0.0102	0.001		102	90 - 110%
7440-22-4	SILVER	0.001	0.000994	0.00014		99	90 - 110%
7440-23-5	SODIUM	10	10.2	0.1		102	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000197	0.000015		98	90 - 110%
7440-62-2	VANADIUM	0.01	0.00999	0.0005		100	90 - 110%
7440-66-6	ZINC	0.2	0.204	0.01		102	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV4
QC Type: Continuing Calibration
File Name: 0356CCV.

Run ID: IM220616-10A2
Date Analyzed: 06/16/2022
Time Analyzed: 16:55
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.516	0.01		103	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00310	0.0001		103	90 - 110%
7440-38-2	ARSENIC	0.01	0.0104	0.0002		104	90 - 110%
7440-39-3	BARIUM	0.01	0.0104	0.0005		104	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00482	0.00005		96	90 - 110%
7440-43-9	CADMIUM	0.003	0.00297	0.0002		99	90 - 110%
7440-70-2	CALCIUM	5	5.01	0.1		100	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0480	0.001		96	90 - 110%
7440-48-4	COBALT	0.01	0.0103	0.0005		103	90 - 110%
7440-50-8	COPPER	0.1	0.102	0.002		102	90 - 110%
7439-89-6	IRON	0.5	0.478	0.01		96	90 - 110%
7439-92-1	LEAD	0.005	0.00503	0.0002		101	90 - 110%
7439-95-4	MAGNESIUM	1	0.989	0.01		99	90 - 110%
7439-96-5	MANGANESE	0.02	0.0210	0.001		105	90 - 110%
7440-02-0	NICKEL	0.05	0.0545	0.002		109	90 - 110%
7440-09-7	POTASSIUM	5	4.71	0.1		94	90 - 110%
7782-49-2	SELENIUM	0.01	0.0100	0.001		100	90 - 110%
7440-22-4	SILVER	0.001	0.000995	0.00014		99	90 - 110%
7440-23-5	SODIUM	10	10.2	0.1		102	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000194	0.000015		97	90 - 110%
7440-62-2	VANADIUM	0.01	0.00992	0.0005		99	90 - 110%
7440-66-6	ZINC	0.2	0.196	0.01		98	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV5
QC Type: Continuing Calibration
File Name: 0476CCV.

Run ID: IM220616-10A2
Date Analyzed: 06/16/2022
Time Analyzed: 17:36
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.501	0.01		100	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00308	0.0001		103	90 - 110%
7440-38-2	ARSENIC	0.01	0.0103	0.0002		103	90 - 110%
7440-39-3	BARIUM	0.01	0.0103	0.0005		103	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00471	0.00005		94	90 - 110%
7440-43-9	CADMIUM	0.003	0.00293	0.0002		98	90 - 110%
7440-70-2	CALCIUM	5	4.86	0.1		97	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0476	0.001		95	90 - 110%
7440-48-4	COBALT	0.01	0.0103	0.0005		103	90 - 110%
7440-50-8	COPPER	0.1	0.102	0.002		102	90 - 110%
7439-89-6	IRON	0.5	0.475	0.01		95	90 - 110%
7439-92-1	LEAD	0.005	0.00508	0.0002		102	90 - 110%
7439-95-4	MAGNESIUM	1	0.977	0.01		98	90 - 110%
7439-96-5	MANGANESE	0.02	0.0206	0.001		103	90 - 110%
7440-02-0	NICKEL	0.05	0.0534	0.002		107	90 - 110%
7440-09-7	POTASSIUM	5	4.67	0.1		93	90 - 110%
7782-49-2	SELENIUM	0.01	0.00987	0.001		99	90 - 110%
7440-22-4	SILVER	0.001	0.00100	0.00014		100	90 - 110%
7440-23-5	SODIUM	10	9.98	0.1		100	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000200	0.000015		100	90 - 110%
7440-62-2	VANADIUM	0.01	0.00977	0.0005		98	90 - 110%
7440-66-6	ZINC	0.2	0.201	0.01		100	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV6
QC Type: Continuing Calibration
File Name: 0546CCV.

Run ID: IM220616-10A2
Date Analyzed: 06/16/2022
Time Analyzed: 18:05
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.506	0.01		101	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00300	0.0001		100	90 - 110%
7440-38-2	ARSENIC	0.01	0.0105	0.0002		105	90 - 110%
7440-39-3	BARIUM	0.01	0.0104	0.0005		104	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00466	0.00005		93	90 - 110%
7440-43-9	CADMIUM	0.003	0.00296	0.0002		99	90 - 110%
7440-70-2	CALCIUM	5	5.01	0.1		100	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0472	0.001		94	90 - 110%
7440-48-4	COBALT	0.01	0.0102	0.0005		102	90 - 110%
7440-50-8	COPPER	0.1	0.102	0.002		102	90 - 110%
7439-89-6	IRON	0.5	0.471	0.01		94	90 - 110%
7439-92-1	LEAD	0.005	0.00499	0.0002		100	90 - 110%
7439-95-4	MAGNESIUM	1	0.984	0.01		98	90 - 110%
7439-96-5	MANGANESE	0.02	0.0209	0.001		104	90 - 110%
7440-02-0	NICKEL	0.05	0.0538	0.002		108	90 - 110%
7440-09-7	POTASSIUM	5	4.53	0.1		91	90 - 110%
7782-49-2	SELENIUM	0.01	0.00983	0.001		98	90 - 110%
7440-22-4	SILVER	0.001	0.000990	0.00014		99	90 - 110%
7440-23-5	SODIUM	10	10.2	0.1		102	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000195	0.000015		97	90 - 110%
7440-62-2	VANADIUM	0.01	0.00980	0.0005		98	90 - 110%
7440-66-6	ZINC	0.2	0.199	0.01		100	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV7
QC Type: Continuing Calibration
File Name: 0666CCV.

Run ID: IM220616-10A2
Date Analyzed: 06/16/2022
Time Analyzed: 18:49
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.505	0.01		101	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00306	0.0001		102	90 - 110%
7440-38-2	ARSENIC	0.01	0.0104	0.0002		104	90 - 110%
7440-39-3	BARIUM	0.01	0.0103	0.0005		103	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00465	0.00005		93	90 - 110%
7440-43-9	CADMIUM	0.003	0.00290	0.0002		97	90 - 110%
7440-70-2	CALCIUM	5	4.98	0.1		100	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0469	0.001		94	90 - 110%
7440-48-4	COBALT	0.01	0.0102	0.0005		102	90 - 110%
7440-50-8	COPPER	0.1	0.101	0.002		101	90 - 110%
7439-89-6	IRON	0.5	0.468	0.01		94	90 - 110%
7439-92-1	LEAD	0.005	0.00504	0.0002		101	90 - 110%
7439-95-4	MAGNESIUM	1	0.973	0.01		97	90 - 110%
7439-96-5	MANGANESE	0.02	0.0208	0.001		104	90 - 110%
7440-02-0	NICKEL	0.05	0.0540	0.002		108	90 - 110%
7440-09-7	POTASSIUM	5	4.52	0.1		90	90 - 110%
7782-49-2	SELENIUM	0.01	0.00985	0.001		98	90 - 110%
7440-22-4	SILVER	0.001	0.000982	0.00014		98	90 - 110%
7440-23-5	SODIUM	10	10.0	0.1		100	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000196	0.000015		98	90 - 110%
7440-62-2	VANADIUM	0.01	0.00982	0.0005		98	90 - 110%
7440-66-6	ZINC	0.2	0.199	0.01		100	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV8
QC Type: Continuing Calibration
File Name: 0776CCV.

Run ID: IM220616-10A2
Date Analyzed: 06/16/2022
Time Analyzed: 19:27
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.505	0.01		101	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00308	0.0001		103	90 - 110%
7440-38-2	ARSENIC	0.01	0.0104	0.0002		104	90 - 110%
7440-39-3	BARIUM	0.01	0.0100	0.0005		100	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00457	0.00005		91	90 - 110%
7440-43-9	CADMIUM	0.003	0.00294	0.0002		98	90 - 110%
7440-70-2	CALCIUM	5	4.95	0.1		99	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0469	0.001		94	90 - 110%
7440-48-4	COBALT	0.01	0.0102	0.0005		102	90 - 110%
7440-50-8	COPPER	0.1	0.100	0.002		100	90 - 110%
7439-89-6	IRON	0.5	0.468	0.01		94	90 - 110%
7439-92-1	LEAD	0.005	0.00498	0.0002		100	90 - 110%
7439-95-4	MAGNESIUM	1	0.978	0.01		98	90 - 110%
7439-96-5	MANGANESE	0.02	0.0207	0.001		104	90 - 110%
7440-02-0	NICKEL	0.05	0.0537	0.002		107	90 - 110%
7440-09-7	POTASSIUM	5	4.54	0.1		91	90 - 110%
7782-49-2	SELENIUM	0.01	0.0100	0.001		100	90 - 110%
7440-22-4	SILVER	0.001	0.000981	0.00014		98	90 - 110%
7440-23-5	SODIUM	10	10.1	0.1		101	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000198	0.000015		99	90 - 110%
7440-62-2	VANADIUM	0.01	0.00981	0.0005		98	90 - 110%
7440-66-6	ZINC	0.2	0.197	0.01		99	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV9
QC Type: Continuing Calibration
File Name: 0846CCV.

Run ID: IM220616-10A2
Date Analyzed: 06/16/2022
Time Analyzed: 19:54
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.493	0.01		99	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00299	0.0001		100	90 - 110%
7440-38-2	ARSENIC	0.01	0.0102	0.0002		102	90 - 110%
7440-39-3	BARIUM	0.01	0.00995	0.0005		99	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00456	0.00005		91	90 - 110%
7440-43-9	CADMIUM	0.003	0.00292	0.0002		97	90 - 110%
7440-70-2	CALCIUM	5	4.81	0.1		96	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0466	0.001		93	90 - 110%
7440-48-4	COBALT	0.01	0.0100	0.0005		100	90 - 110%
7440-50-8	COPPER	0.1	0.0994	0.002		99	90 - 110%
7439-89-6	IRON	0.5	0.467	0.01		93	90 - 110%
7439-92-1	LEAD	0.005	0.00499	0.0002		100	90 - 110%
7439-95-4	MAGNESIUM	1	0.955	0.01		96	90 - 110%
7439-96-5	MANGANESE	0.02	0.0204	0.001		102	90 - 110%
7440-02-0	NICKEL	0.05	0.0527	0.002		105	90 - 110%
7440-09-7	POTASSIUM	5	4.52	0.1		90	90 - 110%
7782-49-2	SELENIUM	0.01	0.00956	0.001		96	90 - 110%
7440-22-4	SILVER	0.001	0.000976	0.00014		98	90 - 110%
7440-23-5	SODIUM	10	9.88	0.1		99	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000197	0.000015		98	90 - 110%
7440-62-2	VANADIUM	0.01	0.00965	0.0005		96	90 - 110%
7440-66-6	ZINC	0.2	0.197	0.01		99	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV10
QC Type: Continuing Calibration
File Name: 0966CCV.

Run ID: IM220616-10A2
Date Analyzed: 06/16/2022
Time Analyzed: 20:41
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.507	0.01		101	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00310	0.0001		103	90 - 110%
7440-38-2	ARSENIC	0.01	0.0103	0.0002		103	90 - 110%
7440-39-3	BARIUM	0.01	0.0103	0.0005		103	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00455	0.00005		91	90 - 110%
7440-43-9	CADMIUM	0.003	0.00289	0.0002		96	90 - 110%
7440-70-2	CALCIUM	5	4.98	0.1		100	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0465	0.001		93	90 - 110%
7440-48-4	COBALT	0.01	0.0102	0.0005		102	90 - 110%
7440-50-8	COPPER	0.1	0.101	0.002		101	90 - 110%
7439-89-6	IRON	0.5	0.467	0.01		93	90 - 110%
7439-92-1	LEAD	0.005	0.00504	0.0002		101	90 - 110%
7439-95-4	MAGNESIUM	1	0.977	0.01		98	90 - 110%
7439-96-5	MANGANESE	0.02	0.0210	0.001		105	90 - 110%
7440-02-0	NICKEL	0.05	0.0541	0.002		108	90 - 110%
7440-09-7	POTASSIUM	5	4.53	0.1		91	90 - 110%
7782-49-2	SELENIUM	0.01	0.00958	0.001		96	90 - 110%
7440-22-4	SILVER	0.001	0.000988	0.00014		99	90 - 110%
7440-23-5	SODIUM	10	10.2	0.1		102	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000197	0.000015		98	90 - 110%
7440-62-2	VANADIUM	0.01	0.00990	0.0005		99	90 - 110%
7440-66-6	ZINC	0.2	0.196	0.01		98	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV11
QC Type: Continuing Calibration
File Name: 1056CCV.

Run ID: IM220616-10A2
Date Analyzed: 06/16/2022
Time Analyzed: 21:13
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.498	0.01		100	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00310	0.0001		103	90 - 110%
7440-38-2	ARSENIC	0.01	0.0102	0.0002		102	90 - 110%
7440-39-3	BARIUM	0.01	0.0103	0.0005		103	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00452	0.00005		91	90 - 110%
7440-43-9	CADMIUM	0.003	0.00297	0.0002		99	90 - 110%
7440-70-2	CALCIUM	5	4.95	0.1		99	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0472	0.001		94	90 - 110%
7440-48-4	COBALT	0.01	0.0101	0.0005		101	90 - 110%
7440-50-8	COPPER	0.1	0.0999	0.002		100	90 - 110%
7439-89-6	IRON	0.5	0.469	0.01		94	90 - 110%
7439-92-1	LEAD	0.005	0.00502	0.0002		100	90 - 110%
7439-95-4	MAGNESIUM	1	0.971	0.01		97	90 - 110%
7439-96-5	MANGANESE	0.02	0.0204	0.001		102	90 - 110%
7440-02-0	NICKEL	0.05	0.0528	0.002		106	90 - 110%
7440-09-7	POTASSIUM	5	4.56	0.1		91	90 - 110%
7782-49-2	SELENIUM	0.01	0.00984	0.001		98	90 - 110%
7440-22-4	SILVER	0.001	0.000994	0.00014		99	90 - 110%
7440-23-5	SODIUM	10	10.0	0.1		100	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000196	0.000015		98	90 - 110%
7440-62-2	VANADIUM	0.01	0.00975	0.0005		97	90 - 110%
7440-66-6	ZINC	0.2	0.196	0.01		98	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV12
QC Type: Continuing Calibration
File Name: 1176CCV.

Run ID: IM220616-10A2
Date Analyzed: 06/16/2022
Time Analyzed: 22:00
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.498	0.01		100	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00308	0.0001		103	90 - 110%
7440-38-2	ARSENIC	0.01	0.0105	0.0002		105	90 - 110%
7440-39-3	BARIUM	0.01	0.0104	0.0005		104	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00453	0.00005		91	90 - 110%
7440-43-9	CADMIUM	0.003	0.00287	0.0002		96	90 - 110%
7440-70-2	CALCIUM	5	4.92	0.1		98	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0476	0.001		95	90 - 110%
7440-48-4	COBALT	0.01	0.0102	0.0005		102	90 - 110%
7440-50-8	COPPER	0.1	0.103	0.002		103	90 - 110%
7439-89-6	IRON	0.5	0.473	0.01		95	90 - 110%
7439-92-1	LEAD	0.005	0.00497	0.0002		99	90 - 110%
7439-95-4	MAGNESIUM	1	0.963	0.01		96	90 - 110%
7439-96-5	MANGANESE	0.02	0.0206	0.001		103	90 - 110%
7440-02-0	NICKEL	0.05	0.0537	0.002		107	90 - 110%
7440-09-7	POTASSIUM	5	4.67	0.1		93	90 - 110%
7782-49-2	SELENIUM	0.01	0.00980	0.001		98	90 - 110%
7440-22-4	SILVER	0.001	0.000986	0.00014		99	90 - 110%
7440-23-5	SODIUM	10	9.98	0.1		100	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000196	0.000015		98	90 - 110%
7440-62-2	VANADIUM	0.01	0.00983	0.0005		98	90 - 110%
7440-66-6	ZINC	0.2	0.202	0.01		101	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCV13
QC Type: Continuing Calibration
File Name: 1246CCV.

Run ID: IM220616-10A2
Date Analyzed: 06/16/2022
Time Analyzed: 22:26
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.497	0.01		99	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00306	0.0001		102	90 - 110%
7440-38-2	ARSENIC	0.01	0.0103	0.0002		103	90 - 110%
7440-39-3	BARIUM	0.01	0.00995	0.0005		100	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00450	0.00005		90	90 - 110%
7440-43-9	CADMIUM	0.003	0.00290	0.0002		97	90 - 110%
7440-70-2	CALCIUM	5	4.96	0.1		99	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0479	0.001		96	90 - 110%
7440-48-4	COBALT	0.01	0.0102	0.0005		102	90 - 110%
7440-50-8	COPPER	0.1	0.103	0.002		103	90 - 110%
7439-89-6	IRON	0.5	0.476	0.01		95	90 - 110%
7439-92-1	LEAD	0.005	0.00499	0.0002		100	90 - 110%
7439-95-4	MAGNESIUM	1	0.978	0.01		98	90 - 110%
7439-96-5	MANGANESE	0.02	0.0207	0.001		104	90 - 110%
7440-02-0	NICKEL	0.05	0.0537	0.002		107	90 - 110%
7440-09-7	POTASSIUM	5	4.71	0.1		94	90 - 110%
7782-49-2	SELENIUM	0.01	0.0100	0.001		100	90 - 110%
7440-22-4	SILVER	0.001	0.000975	0.00014		97	90 - 110%
7440-23-5	SODIUM	10	10.0	0.1		100	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000199	0.000015		99	90 - 110%
7440-62-2	VANADIUM	0.01	0.00982	0.0005		98	90 - 110%
7440-66-6	ZINC	0.2	0.202	0.01		101	90 - 110%

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: ICB

QC Type: Initial Calibration

Run ID: IM220610-11A3

Date Analyzed: 06/10/2022

Time Analyzed: 12:33:00 PM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	-0.000176	0.002	J
7439-89-6	IRON	0.000361	0.01	U
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.0000158	0.001	U
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00005	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB16
QC Type: Continuing Calibration

Run ID: IM220610-11A3
Date Analyzed: 06/10/2022
Time Analyzed: 10:45:00 PM
Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	-0.000273	0.002	J
7439-89-6	IRON	0.000361	0.01	U
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.0000158	0.001	U
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00005	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	-0.000002	0.000015	J
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB17

QC Type: Continuing Calibration

Run ID: IM220610-11A3

Date Analyzed: 06/10/2022

Time Analyzed: 11:20:00 PM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	-0.000276	0.002	J
7439-89-6	IRON	0.000361	0.01	U
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.000023	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00005	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	-0.000002	0.000015	J
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB18

QC Type: Continuing Calibration

Run ID: IM220610-11A3

Date Analyzed: 06/10/2022

Time Analyzed: 11:47:00 PM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	-0.000274	0.002	J
7439-89-6	IRON	0.000361	0.01	U
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.0000158	0.001	U
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00005	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	-0.000002	0.000015	J
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB19

QC Type: Continuing Calibration

Run ID: IM220610-11A3

Date Analyzed: 06/11/2022

Time Analyzed: 12:34:00 AM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	-0.000276	0.002	J
7439-89-6	IRON	0.000361	0.01	U
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.0000158	0.001	U
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00005	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB20

QC Type: Continuing Calibration

Run ID: IM220610-11A3

Date Analyzed: 06/11/2022

Time Analyzed: 1:13:00 AM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	-0.000275	0.002	J
7439-89-6	IRON	0.000434	0.01	J
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.00002	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00005	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	-0.000002	0.000015	J
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB21

QC Type: Continuing Calibration

Run ID: IM220610-11A3

Date Analyzed: 06/11/2022

Time Analyzed: 1:36:00 AM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.000016	0.0005	J
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	-0.000273	0.002	J
7439-89-6	IRON	0.000462	0.01	J
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.0000158	0.001	U
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00005	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB22

QC Type: Continuing Calibration

Run ID: IM220610-11A3

Date Analyzed: 06/11/2022

Time Analyzed: 2:20:00 AM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	-0.000279	0.002	J
7439-89-6	IRON	0.0005	0.01	J
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.00002	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00005	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: ICB

QC Type: Initial Calibration

Run ID: IM220614-11A2

Date Analyzed: 06/14/2022

Time Analyzed: 9:50:00 AM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	0.0000664	0.002	U
7439-89-6	IRON	0.000361	0.01	U
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.0000158	0.001	U
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB3

QC Type: Continuing Calibration

Run ID: IM220614-11A2

Date Analyzed: 06/14/2022

Time Analyzed: 11:10:00 AM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	0.0000664	0.002	U
7439-89-6	IRON	0.000361	0.01	U
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.000024	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB4

QC Type: Continuing Calibration

Run ID: IM220614-11A2

Date Analyzed: 06/14/2022

Time Analyzed: 11:51:00 AM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.000015	0.0005	J
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	0.0000664	0.002	U
7439-89-6	IRON	0.000942	0.01	J
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.000051	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB5

QC Type: Continuing Calibration

Run ID: IM220614-11A2

Date Analyzed: 06/14/2022

Time Analyzed: 12:11:00 PM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.000015	0.0005	J
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	0.0000664	0.002	U
7439-89-6	IRON	0.000959	0.01	J
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.000023	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB6
QC Type: Continuing Calibration

Run ID: IM220614-11A2
Date Analyzed: 06/14/2022
Time Analyzed: 12:55:00 PM
Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.000082	0.0005	J
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	0.0000664	0.002	U
7439-89-6	IRON	0.001	0.01	J
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.000036	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB7

QC Type: Continuing Calibration

Run ID: IM220614-11A2

Date Analyzed: 06/14/2022

Time Analyzed: 1:36:00 PM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	0.0000664	0.002	U
7439-89-6	IRON	0.000927	0.01	J
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.000062	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB8

QC Type: Continuing Calibration

Run ID: IM220614-11A2

Date Analyzed: 06/14/2022

Time Analyzed: 2:17:00 PM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	0.0000664	0.002	U
7439-89-6	IRON	0.000972	0.01	J
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.000057	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	-0.000002	0.000015	J
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB9

QC Type: Continuing Calibration

Run ID: IM220614-11A2

Date Analyzed: 06/14/2022

Time Analyzed: 2:44:00 PM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.00002	0.0005	J
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	0.0000664	0.002	U
7439-89-6	IRON	0.000926	0.01	J
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00126	0.01	J
7439-96-5	MANGANESE	0.000051	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: ICB

QC Type: Initial Calibration

Run ID: IM220614-12A2

Date Analyzed: 06/14/2022

Time Analyzed: 3:46:00 PM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	0.000004	0.0005	J
7440-50-8	COPPER	0.0000664	0.002	U
7439-89-6	IRON	0.000361	0.01	U
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.0000158	0.001	U
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB1

QC Type: Continuing Calibration

Run ID: IM220614-12A2

Date Analyzed: 06/14/2022

Time Analyzed: 4:10:00 PM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.000016	0.0005	J
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	0.0000664	0.002	U
7439-89-6	IRON	0.000361	0.01	U
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	-0.000016	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB2

QC Type: Continuing Calibration

Run ID: IM220614-12A2

Date Analyzed: 06/14/2022

Time Analyzed: 4:57:00 PM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	0.0000664	0.002	U
7439-89-6	IRON	0.000366	0.01	J
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.000065	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB3

QC Type: Continuing Calibration

Run ID: IM220614-12A2

Date Analyzed: 06/14/2022

Time Analyzed: 5:37:00 PM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.000015	0.0005	J
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	0.0000664	0.002	U
7439-89-6	IRON	0.00057	0.01	J
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.000065	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB4

QC Type: Continuing Calibration

Run ID: IM220614-12A2

Date Analyzed: 06/14/2022

Time Analyzed: 6:10:00 PM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.000026	0.0005	J
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	0.0000664	0.002	U
7439-89-6	IRON	0.000566	0.01	J
7439-92-1	LEAD	0.000014	0.0002	J
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.000062	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB5

QC Type: Continuing Calibration

Run ID: IM220614-12A2

Date Analyzed: 06/14/2022

Time Analyzed: 6:36:00 PM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	0.0000664	0.002	U
7439-89-6	IRON	0.000361	0.01	U
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.000052	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB6

QC Type: Continuing Calibration

Run ID: IM220614-12A2

Date Analyzed: 06/14/2022

Time Analyzed: 7:20:00 PM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	0.0000664	0.002	U
7439-89-6	IRON	0.000745	0.01	J
7439-92-1	LEAD	0.000028	0.0002	J
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.000065	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB7
QC Type: Continuing Calibration

Run ID: IM220614-12A2
Date Analyzed: 06/14/2022
Time Analyzed: 7:58:00 PM
Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	0.0000664	0.002	U
7439-89-6	IRON	0.00076	0.01	J
7439-92-1	LEAD	0.000036	0.0002	J
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.000059	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB8

QC Type: Continuing Calibration

Run ID: IM220614-12A2

Date Analyzed: 06/14/2022

Time Analyzed: 8:24:00 PM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.000019	0.0005	J
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	0.0000664	0.002	U
7439-89-6	IRON	0.000696	0.01	J
7439-92-1	LEAD	0.000034	0.0002	J
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.000038	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB9

QC Type: Continuing Calibration

Run ID: IM220614-12A2

Date Analyzed: 06/14/2022

Time Analyzed: 9:11:00 PM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.000019	0.0005	J
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	0.000003	0.0005	J
7440-50-8	COPPER	0.0000664	0.002	U
7439-89-6	IRON	0.000685	0.01	J
7439-92-1	LEAD	0.000031	0.0002	J
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.000034	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB10

QC Type: Continuing Calibration

Run ID: IM220614-12A2

Date Analyzed: 06/14/2022

Time Analyzed: 9:46:00 PM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.000025	0.0005	J
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	0.000003	0.0005	J
7440-50-8	COPPER	0.0000664	0.002	U
7439-89-6	IRON	0.000654	0.01	J
7439-92-1	LEAD	0.000035	0.0002	J
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.000023	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB11

QC Type: Continuing Calibration

Run ID: IM220614-12A2

Date Analyzed: 06/14/2022

Time Analyzed: 10:30:00 PM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	0.000003	0.0005	J
7440-50-8	COPPER	0.0000664	0.002	U
7439-89-6	IRON	0.000829	0.01	J
7439-92-1	LEAD	0.000036	0.0002	J
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.000025	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB12
QC Type: Continuing Calibration

Run ID: IM220614-12A2
Date Analyzed: 06/14/2022
Time Analyzed: 10:57:00 PM
Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.000041	0.0005	J
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	0.0000664	0.002	U
7439-89-6	IRON	0.000795	0.01	J
7439-92-1	LEAD	0.000027	0.0002	J
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.000022	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB13
QC Type: Continuing Calibration

Run ID: IM220614-12A2
Date Analyzed: 06/14/2022
Time Analyzed: 11:44:00 PM
Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.000027	0.0005	J
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	0.0000664	0.002	U
7439-89-6	IRON	0.000717	0.01	J
7439-92-1	LEAD	0.000027	0.0002	J
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.000021	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	0.000003	0.00014	J
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB14

QC Type: Continuing Calibration

Run ID: IM220614-12A2

Date Analyzed: 06/15/2022

Time Analyzed: 12:25:00 AM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.000032	0.0005	J
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	0.000003	0.0005	J
7440-50-8	COPPER	0.0000664	0.002	U
7439-89-6	IRON	0.000953	0.01	J
7439-92-1	LEAD	0.000032	0.0002	J
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.00003	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB15

QC Type: Continuing Calibration

Run ID: IM220614-12A2

Date Analyzed: 06/15/2022

Time Analyzed: 12:45:00 AM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.000031	0.0005	J
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	0.0000664	0.002	U
7439-89-6	IRON	0.000799	0.01	J
7439-92-1	LEAD	0.000034	0.0002	J
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.000027	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB16

QC Type: Continuing Calibration

Run ID: IM220614-12A2

Date Analyzed: 06/15/2022

Time Analyzed: 1:33:00 AM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.000025	0.0005	J
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	0.0000664	0.002	U
7439-89-6	IRON	0.000732	0.01	J
7439-92-1	LEAD	0.000028	0.0002	J
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.000033	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB17

QC Type: Continuing Calibration

Run ID: IM220614-12A2

Date Analyzed: 06/15/2022

Time Analyzed: 2:14:00 AM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.000037	0.0005	J
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	0.0000664	0.002	U
7439-89-6	IRON	0.00109	0.01	J
7439-92-1	LEAD	0.00005	0.0002	J
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.000056	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB18

QC Type: Continuing Calibration

Run ID: IM220614-12A2

Date Analyzed: 06/15/2022

Time Analyzed: 2:34:00 AM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.000014	0.0005	J
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	0.0000664	0.002	U
7439-89-6	IRON	0.000905	0.01	J
7439-92-1	LEAD	0.000047	0.0002	J
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.000052	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: ICB
QC Type: Initial Calibration

Run ID: IM220615-10A2
Date Analyzed: 06/15/2022
Time Analyzed: 10:37:00 AM
Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	-0.000026	0.0005	J
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	-0.000003	0.0005	J
7440-50-8	COPPER	-0.000141	0.002	J
7439-89-6	IRON	0.000361	0.01	U
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	-0.00011	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB1

QC Type: Continuing Calibration

Run ID: IM220615-10A2

Date Analyzed: 06/15/2022

Time Analyzed: 11:01:00 AM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	-0.000026	0.0005	J
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	-0.000003	0.0005	J
7440-50-8	COPPER	-0.000172	0.002	J
7439-89-6	IRON	0.000361	0.01	U
7439-92-1	LEAD	-0.000021	0.0002	J
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	-0.000157	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB2
QC Type: Continuing Calibration

Run ID: IM220615-10A2
Date Analyzed: 06/15/2022
Time Analyzed: 11:42:00 AM
Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	-0.000033	0.0005	J
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	-0.000005	0.0005	J
7440-50-8	COPPER	-0.000183	0.002	J
7439-89-6	IRON	0.000361	0.01	U
7439-92-1	LEAD	-0.000016	0.0002	J
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	-0.00017	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB3

QC Type: Continuing Calibration

Run ID: IM220615-10A2

Date Analyzed: 06/15/2022

Time Analyzed: 12:23:00 PM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	-0.000032	0.0005	J
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	-0.000006	0.0005	J
7440-50-8	COPPER	-0.000185	0.002	J
7439-89-6	IRON	0.000361	0.01	U
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	-0.000188	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB4
QC Type: Continuing Calibration

Run ID: IM220615-10A2
Date Analyzed: 06/15/2022
Time Analyzed: 12:50:00 PM
Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	-0.000024	0.0005	J
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	-0.000006	0.0005	J
7440-50-8	COPPER	-0.000191	0.002	J
7439-89-6	IRON	0.000361	0.01	U
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	-0.000172	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	0.000003	0.00014	J
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB5

QC Type: Continuing Calibration

Run ID: IM220615-10A2

Date Analyzed: 06/15/2022

Time Analyzed: 1:34:00 PM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	-0.000027	0.0005	J
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	-0.000008	0.0005	J
7440-50-8	COPPER	-0.00019	0.002	J
7439-89-6	IRON	0.000361	0.01	U
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	-0.000223	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB6
QC Type: Continuing Calibration

Run ID: IM220615-10A2
Date Analyzed: 06/15/2022
Time Analyzed: 2:16:00 PM
Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	-0.000006	0.0005	J
7440-50-8	COPPER	-0.000205	0.002	J
7439-89-6	IRON	0.000361	0.01	U
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	-0.000222	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB7
QC Type: Continuing Calibration

Run ID: IM220615-10A2
Date Analyzed: 06/15/2022
Time Analyzed: 2:57:00 PM
Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	-0.000016	0.0005	J
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	-0.000008	0.0005	J
7440-50-8	COPPER	-0.000197	0.002	J
7439-89-6	IRON	0.000361	0.01	U
7439-92-1	LEAD	0.000019	0.0002	J
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	-0.000181	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB8
QC Type: Continuing Calibration

Run ID: IM220615-10A2
Date Analyzed: 06/15/2022
Time Analyzed: 3:14:00 PM
Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	-0.000008	0.0005	J
7440-50-8	COPPER	-0.00019	0.002	J
7439-89-6	IRON	0.000361	0.01	U
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	-0.000222	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB9

QC Type: Continuing Calibration

Run ID: IM220615-10A2

Date Analyzed: 06/15/2022

Time Analyzed: 3:59:00 PM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	-0.000024	0.0005	J
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	-0.000006	0.0005	J
7440-50-8	COPPER	-0.000205	0.002	J
7439-89-6	IRON	0.000397	0.01	J
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	-0.000209	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB10
QC Type: Continuing Calibration

Run ID: IM220615-10A2
Date Analyzed: 06/15/2022
Time Analyzed: 4:40:00 PM
Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	-0.000029	0.0005	J
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00639	0.1	J
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	-0.000008	0.0005	J
7440-50-8	COPPER	-0.000199	0.002	J
7439-89-6	IRON	0.000361	0.01	U
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	-0.000205	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	-0.000002	0.000015	J
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: ICB

QC Type: Initial Calibration

Run ID: IM220616-10A2

Date Analyzed: 06/16/2022

Time Analyzed: 2:49:00 PM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	-0.000073	0.002	J
7439-89-6	IRON	0.000361	0.01	U
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.0000158	0.001	U
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB1
QC Type: Continuing Calibration

Run ID: IM220616-10A2
Date Analyzed: 06/16/2022
Time Analyzed: 3:12:00 PM
Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	-0.000102	0.002	J
7439-89-6	IRON	0.000361	0.01	U
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.0000158	0.001	U
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB2
QC Type: Continuing Calibration

Run ID: IM220616-10A2
Date Analyzed: 06/16/2022
Time Analyzed: 3:56:00 PM
Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	-0.000134	0.002	J
7439-89-6	IRON	0.000361	0.01	U
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.0000158	0.001	U
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB3

QC Type: Continuing Calibration

Run ID: IM220616-10A2

Date Analyzed: 06/16/2022

Time Analyzed: 4:14:00 PM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	-0.000145	0.002	J
7439-89-6	IRON	0.000361	0.01	U
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.0000158	0.001	U
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB4

QC Type: Continuing Calibration

Run ID: IM220616-10A2

Date Analyzed: 06/16/2022

Time Analyzed: 5:01:00 PM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	-0.000151	0.002	J
7439-89-6	IRON	0.000361	0.01	U
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.0000158	0.001	U
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB5

QC Type: Continuing Calibration

Run ID: IM220616-10A2

Date Analyzed: 06/16/2022

Time Analyzed: 5:42:00 PM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	-0.000164	0.002	J
7439-89-6	IRON	0.000366	0.01	J
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.000016	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB6

QC Type: Continuing Calibration

Run ID: IM220616-10A2

Date Analyzed: 06/16/2022

Time Analyzed: 6:11:00 PM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	-0.000168	0.002	J
7439-89-6	IRON	0.000361	0.01	U
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.0000158	0.001	U
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB7

QC Type: Continuing Calibration

Run ID: IM220616-10A2

Date Analyzed: 06/16/2022

Time Analyzed: 6:55:00 PM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	-0.000167	0.002	J
7439-89-6	IRON	0.000437	0.01	J
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.000016	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB8

QC Type: Continuing Calibration

Run ID: IM220616-10A2

Date Analyzed: 06/16/2022

Time Analyzed: 7:33:00 PM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	-0.000007	0.0001	J
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	-0.000169	0.002	J
7439-89-6	IRON	0.000428	0.01	J
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.000018	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB9

QC Type: Continuing Calibration

Run ID: IM220616-10A2

Date Analyzed: 06/16/2022

Time Analyzed: 8:00:00 PM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	-0.000165	0.002	J
7439-89-6	IRON	0.000415	0.01	J
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.0000158	0.001	U
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB10
QC Type: Continuing Calibration

Run ID: IM220616-10A2
Date Analyzed: 06/16/2022
Time Analyzed: 8:47:00 PM
Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	-0.000008	0.0001	J
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	-0.000163	0.002	J
7439-89-6	IRON	0.000433	0.01	J
7439-92-1	LEAD	0.000013	0.0002	J
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.0000158	0.001	U
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB11

QC Type: Continuing Calibration

Run ID: IM220616-10A2

Date Analyzed: 06/16/2022

Time Analyzed: 9:19:00 PM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	-0.000171	0.002	J
7439-89-6	IRON	0.000471	0.01	J
7439-92-1	LEAD	0.000017	0.0002	J
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.000016	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB12
QC Type: Continuing Calibration

Run ID: IM220616-10A2
Date Analyzed: 06/16/2022
Time Analyzed: 10:06:00 PM
Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	-0.00017	0.002	J
7439-89-6	IRON	0.000361	0.01	U
7439-92-1	LEAD	0.000014	0.0002	J
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.0000158	0.001	U
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: CCB13

QC Type: Continuing Calibration

Run ID: IM220616-10A2

Date Analyzed: 06/16/2022

Time Analyzed: 10:32:00 PM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	-0.000007	0.0001	J
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	-0.000176	0.002	J
7439-89-6	IRON	0.000369	0.01	J
7439-92-1	LEAD	0.000014	0.0002	J
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.0000158	0.001	U
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00014	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

ICP Interference Check Sample

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Run ID: IM220610-11A3

Date Analyzed: 06/10/2022

Result Units: MG/L

CASNO	Target Analyte	Spike Added		Results		% Rec.
		ICSA1	ICSAB1	ICSA1	ICSAB1	
7429-90-5	ALUMINUM	10	10.5	9.83	10.3000	98
7440-36-0	ANTIMONY		0.003		0.00306	102
7440-38-2	ARSENIC		0.01		0.0105	105
7440-39-3	BARIUM		0.01		0.0095	95
7440-41-7	BERYLLIUM		0.005		0.00477	95
7440-43-9	CADMIUM		0.003		0.00306	102
7440-70-2	CALCIUM	30	35	29.8	35.2000	101
7440-47-3	CHROMIUM		0.05		0.051	102
7440-48-4	COBALT		0.01		0.01030	103
7440-50-8	COPPER		0.1		0.10400	104
7439-89-6	IRON	25	25.5	24	24.6000	96
7439-92-1	LEAD		0.005		0.00520	104
7439-95-4	MAGNESIUM	10	11	9.42000	10.6000	96
7439-96-5	MANGANESE		0.02		0.02190	109
7440-02-0	NICKEL		0.05		0.0501	100
7440-09-7	POTASSIUM	10	15	9.76000	14.8000	98
7782-49-2	SELENIUM		0.01		0.01020	102
7440-22-4	SILVER		0.001		0.00100	100
7440-23-5	SODIUM	25	35	26	36	103
7440-28-0	THALLIUM		0.0002		0.00021	106
7440-62-2	VANADIUM		0.01		0.01020	102
7440-66-6	ZINC		0.2		0.20800	104

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

ICP Interference Check Sample

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Run ID: IM220614-11A2

Date Analyzed: 06/14/2022

Result Units: MG/L

CASNO	Target Analyte	Spike Added		Results		% Rec.
		ICSA1	ICSAB1	ICSA1	ICSAB1	
7429-90-5	ALUMINUM	10	10.5	9.79	10.2	97
7440-36-0	ANTIMONY		0.003		0.00318	106
7440-38-2	ARSENIC		0.01		0.0105	105
7440-39-3	BARIUM		0.01		0.00977	98
7440-41-7	BERYLLIUM		0.005		0.00485	97
7440-43-9	CADMIUM		0.003		0.00303	101
7440-70-2	CALCIUM	30	35	27.9	32.6	93
7440-47-3	CHROMIUM		0.05		0.05040	101
7440-48-4	COBALT		0.01		0.01040	104
7440-50-8	COPPER		0.1		0.102	102
7439-89-6	IRON	25	25.5	24.3	24.4	96
7439-92-1	LEAD		0.005		0.00524	105
7439-95-4	MAGNESIUM	10	11	9.82	11.1000	101
7439-96-5	MANGANESE		0.02		0.02140	107
7440-02-0	NICKEL		0.05		0.0503	101
7440-09-7	POTASSIUM	10	15	10	14.9	99
7782-49-2	SELENIUM		0.01		0.01030	103
7440-22-4	SILVER		0.001		0.00103	103
7440-23-5	SODIUM	25	35	26.4	36	103
7440-28-0	THALLIUM		0.0002		0.00021	104
7440-62-2	VANADIUM		0.01		0.00963	96
7440-66-6	ZINC		0.2		0.203	102

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

ICP Interference Check Sample

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Run ID: IM220614-12A2

Date Analyzed: 06/14/2022

Result Units: MG/L

CASNO	Target Analyte	Spike Added		Results		% Rec.
		ICSA1	ICSAB1	ICSA1	ICSAB1	
7429-90-5	ALUMINUM	10	10.5	9.82	10.2	98
7440-36-0	ANTIMONY		0.003		0.00308	103
7440-38-2	ARSENIC		0.01		0.0105	105
7440-39-3	BARIUM		0.01		0.0101	101
7440-41-7	BERYLLIUM		0.005		0.00478	96
7440-43-9	CADMIUM		0.003		0.00306	102
7440-70-2	CALCIUM	30	35	29.8	34.2000	98
7440-47-3	CHROMIUM		0.05		0.0501	100
7440-48-4	COBALT		0.01		0.0101	101
7440-50-8	COPPER		0.1		0.102	102
7439-89-6	IRON	25	25.5	24.1000	24.5	96
7439-92-1	LEAD		0.005		0.00520	104
7439-95-4	MAGNESIUM	10	11	9.85000	11	100
7439-96-5	MANGANESE		0.02		0.0212	106
7440-02-0	NICKEL		0.05		0.05000	100
7440-09-7	POTASSIUM	10	15	10	14.9	99
7782-49-2	SELENIUM		0.01		0.01	100
7440-22-4	SILVER		0.001		0.00102	102
7440-23-5	SODIUM	25	35	26.5	35.8	102
7440-28-0	THALLIUM		0.0002		0.00021	103
7440-62-2	VANADIUM		0.01		0.01020	102
7440-66-6	ZINC		0.2		0.196	98

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

ICP Interference Check Sample

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Run ID: IM220615-10A2

Date Analyzed: 06/15/2022

Result Units: MG/L

CASNO	Target Analyte	Spike Added		Results		% Rec.
		ICSA1	ICSAB1	ICSA1	ICSAB1	
7429-90-5	ALUMINUM	10	10.5	10.4	10.7	102
7440-36-0	ANTIMONY		0.003		0.00319	106
7440-38-2	ARSENIC		0.01		0.01020	102
7440-39-3	BARIUM		0.01		0.01030	103
7440-41-7	BERYLLIUM		0.005		0.00525	105
7440-43-9	CADMIUM		0.003		0.00308	103
7440-70-2	CALCIUM	30	35	29.2000	33.8	96
7440-47-3	CHROMIUM		0.05		0.05110	102
7440-48-4	COBALT		0.01		0.01070	107
7440-50-8	COPPER		0.1		0.099	99
7439-89-6	IRON	25	25.5	25	25	98
7439-92-1	LEAD		0.005		0.00504	101
7439-95-4	MAGNESIUM	10	11	10	11.1000	101
7439-96-5	MANGANESE		0.02		0.02190	109
7440-02-0	NICKEL		0.05		0.051	102
7440-09-7	POTASSIUM	10	15	10.3000	15.4	103
7782-49-2	SELENIUM		0.01		0.0105	105
7440-22-4	SILVER		0.001		0.00102	102
7440-23-5	SODIUM	25	35	27.5	37.2000	106
7440-28-0	THALLIUM		0.0002		0.00021	104
7440-62-2	VANADIUM		0.01		0.00989	99
7440-66-6	ZINC		0.2		0.20900	105

Data Package ID: *IM2205638-1*

ICPMS Metals

Method SW6020

ICP Interference Check Sample

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Run ID: IM220616-10A2

Date Analyzed: 06/16/2022

Result Units: MG/L

CASNO	Target Analyte	Spike Added		Results		% Rec.
		ICSA1	ICSAB1	ICSA1	ICSAB1	
7429-90-5	ALUMINUM	10	10.5	9.82	10.2	97
7440-36-0	ANTIMONY		0.003		0.00312	104
7440-38-2	ARSENIC		0.01		0.01040	104
7440-39-3	BARIUM		0.01		0.0106	106
7440-41-7	BERYLLIUM		0.005		0.00482	96
7440-43-9	CADMIUM		0.003		0.00296	99
7440-70-2	CALCIUM	30	35	29.5	33.9000	97
7440-47-3	CHROMIUM		0.05		0.05000	100
7440-48-4	COBALT		0.01		0.01020	102
7440-50-8	COPPER		0.1		0.10100	101
7439-89-6	IRON	25	25.5	23.9	23.7000	93
7439-92-1	LEAD		0.005		0.00515	103
7439-95-4	MAGNESIUM	10	11	9.94	10.7	98
7439-96-5	MANGANESE		0.02		0.02170	108
7440-02-0	NICKEL		0.05		0.053	106
7440-09-7	POTASSIUM	10	15	9.95	14.4	96
7782-49-2	SELENIUM		0.01		0.00999	100
7440-22-4	SILVER		0.001		0.00101	101
7440-23-5	SODIUM	25	35	26.3	36.1	103
7440-28-0	THALLIUM		0.0002		0.00021	103
7440-62-2	VANADIUM		0.01		0.01	100
7440-66-6	ZINC		0.2		0.20100	100

Data Package ID: *IM2205638-1*

Metals Linear Ranges

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Instrument ID: ICPMS2
Active Date: 03/14/2016
Expiration Date: 07/04/2025

CASNO	Target Analyte	Concentration (ppm)
7429-90-5	ALUMINUM	50
7440-36-0	ANTIMONY	0.3
7440-38-2	ARSENIC	1
7440-39-3	BARIUM	1
7440-41-7	BERYLLIUM	0.5
7440-43-9	CADMIUM	0.3
7440-70-2	CALCIUM	500
7440-47-3	CHROMIUM	5
7440-48-4	COBALT	1
7440-50-8	COPPER	10
7439-89-6	IRON	50
7439-92-1	LEAD	0.5
7439-95-4	MAGNESIUM	100
7439-96-5	MANGANESE	2
7440-02-0	NICKEL	5
7440-09-7	POTASSIUM	500
7782-49-2	SELENIUM	1
7440-22-4	SILVER	0.1
7440-23-5	SODIUM	1000
7440-28-0	THALLIUM	0.02
7440-62-2	VANADIUM	1
7440-66-6	ZINC	20

ICPMS2 Run Log -- 6/10/2022

Instrument ID: ICPMS2
File Name: 001CALB_
AnalRunID: IM220610-11A1
CalibRefID: IM220610-11A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
		RINSE	1	6/10/2022	11:39
		RINSE	1	6/10/2022	11:42
		RINSE	1	6/10/2022	11:45
		BLANK	1	6/10/2022	11:48
		H/1000	1	6/10/2022	11:51
		H/100	1	6/10/2022	11:57
		H/10	1	6/10/2022	12:03
		HIGH	1	6/10/2022	12:08
		RINSE	1	6/10/2022	12:24
		ICV	1	6/10/2022	12:27
		ICB	1	6/10/2022	12:33
		LIV	1	6/10/2022	12:36
		ICSA1	1	6/10/2022	12:39
		ICSAB1	1	6/10/2022	12:45
		CCV1	1	6/10/2022	12:51
		CCB1	1	6/10/2022	12:56
		IP220609-4MB	10	6/10/2022	12:59
		IM220609-4LCS	10	6/10/2022	13:02
		2206139-1	10	6/10/2022	13:08
		2206139-1SER	50	6/10/2022	13:11
		2206139-1MS	10	6/10/2022	13:14
		2206139-1MSD	10	6/10/2022	13:17
		2206139-1A	10	6/10/2022	13:20
		CCV2	1	6/10/2022	13:26
		CCB2	1	6/10/2022	13:32
		IP220607-2MB	10	6/10/2022	13:35
		IM220607-2LCS	10	6/10/2022	13:38
		2205515-21	10	6/10/2022	13:44
		2205515-22	10	6/10/2022	13:47
		2205515-23	10	6/10/2022	13:50
		2205515-24	10	6/10/2022	13:53
		2205515-25	10	6/10/2022	13:56
		2205515-26	10	6/10/2022	13:58
		2205515-27	10	6/10/2022	14:01
		2205515-28	10	6/10/2022	14:04

Data Package ID: IM2205638-1

ICPMS2 Run Log -- 6/10/2022

Instrument ID: ICPMS2
File Name: 0286CCV.
AnalRunID: IM220610-11A1
CalibRefID: IM220610-11A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
		CCV3	1	6/10/2022	14:10
		CCB3	1	6/10/2022	14:16
		2205515-29	10	6/10/2022	14:19
		2205515-30	10	6/10/2022	14:22
		2205515-31	10	6/10/2022	14:25
		2205515-32	10	6/10/2022	14:28
		2205515-33	10	6/10/2022	14:31
		2205515-34	10	6/10/2022	14:34
		2205515-34SER	50	6/10/2022	14:37
		2205515-34MS	10	6/10/2022	14:40
		2205515-34MSD	10	6/10/2022	14:43
		2205515-34A	10	6/10/2022	14:46
		CCV4	1	6/10/2022	14:52
		CCB4	1	6/10/2022	14:57
		2205515-35	10	6/10/2022	15:00
		2205515-36	10	6/10/2022	15:03
		2205515-37	10	6/10/2022	15:06
		2205515-38	10	6/10/2022	15:09
		2205515-39	10	6/10/2022	15:12
		2205515-40	10	6/10/2022	15:15
		CCV5	1	6/10/2022	15:21
		CCB5	1	6/10/2022	15:27
		IP220607-4MB	10	6/10/2022	15:30
		IM220607-4LCS	10	6/10/2022	15:33
		2205515-41	10	6/10/2022	15:39
		2205515-42	10	6/10/2022	15:42
		2205515-43	10	6/10/2022	15:45
		2205515-44	10	6/10/2022	15:48
		2205515-45	10	6/10/2022	15:51
		2205515-45SER	50	6/10/2022	15:54
		2205515-45MS	10	6/10/2022	15:57
		2205515-45MSD	10	6/10/2022	15:59
		CCV6	1	6/10/2022	16:05
		CCB6	1	6/10/2022	16:11
		2205515-45A	10	6/10/2022	16:14

Data Package ID: IM2205638-1

ICPMS2 Run Log -- 6/10/2022

Instrument ID: ICPMS2
File Name: 063SMPL.
AnalRunID: IM220610-11A1
CalibRefID: IM220610-11A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
		2205515-46	10	6/10/2022	16:20
		2205515-47	10	6/10/2022	16:23
		2205515-48	10	6/10/2022	16:26
		2205515-49	10	6/10/2022	16:29
		2205515-50	10	6/10/2022	16:32
		2205515-51	10	6/10/2022	16:35
		2205515-52	10	6/10/2022	16:38
		2205515-53	10	6/10/2022	16:41
		2205515-54	10	6/10/2022	16:44
		CCV7	1	6/10/2022	16:50
		CCB7	1	6/10/2022	16:55
		2205515-55	10	6/10/2022	16:58
		2205515-56	10	6/10/2022	17:01
		2205515-57	10	6/10/2022	17:04
		2205515-58	10	6/10/2022	17:07
		2205515-59	10	6/10/2022	17:10
		2205515-60	10	6/10/2022	17:13
		2205515-60SER	50	6/10/2022	17:16
		2205515-60MS	10	6/10/2022	17:19
		2205515-60MSD	10	6/10/2022	17:22
		2205515-60A	10	6/10/2022	17:25
		ZZZ	1	6/10/2022	17:31
		ZZZ	1	6/10/2022	17:37
		CCV8	1	6/10/2022	17:40
		CCB8	1	6/10/2022	17:46
		IP220608-1MB	10	6/10/2022	17:49
		IM220608-1LCS	10	6/10/2022	17:52
		IM220608-1LCSD	10	6/10/2022	17:57
		2205515-61	10	6/10/2022	18:03
		2205515-62	10	6/10/2022	18:06
		2205515-63	10	6/10/2022	18:09
		2205515-64	10	6/10/2022	18:12
		2205515-65	10	6/10/2022	18:15
		2205515-66	10	6/10/2022	18:18
		2205515-67	10	6/10/2022	18:21

Data Package ID: IM2205638-1

ICPMS2 Run Log -- 6/10/2022

Instrument ID: ICPMS2
File Name: 0986CCV.
AnalRunID: IM220610-11A1
CalibRefID: IM220610-11A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
		CCV9	1	6/10/2022	18:27
		CCB9	1	6/10/2022	18:33
		2205515-68	10	6/10/2022	18:36
		2205515-69	10	6/10/2022	18:39
		2205515-70	10	6/10/2022	18:42
		2205515-71	10	6/10/2022	18:45
		2205515-72	10	6/10/2022	18:48
		2205515-73	10	6/10/2022	18:51
		2205515-74	10	6/10/2022	18:54
		2205515-75	10	6/10/2022	18:57
		2205515-76	10	6/10/2022	19:00
		2205515-77	10	6/10/2022	19:03
		CCV10	1	6/10/2022	19:09
		CCB10	1	6/10/2022	19:14
		2205515-78	10	6/10/2022	19:17
		2205515-79	10	6/10/2022	19:20
		2205515-80	10	6/10/2022	19:23
		CCV11	1	6/10/2022	19:29
		CCB11	1	6/10/2022	19:35
		IP220608-2MB	10	6/10/2022	19:38
		IM220608-2LCS	10	6/10/2022	19:41
		2205515-81	10	6/10/2022	19:47
		2205515-82	10	6/10/2022	19:50
		2205515-83	10	6/10/2022	19:53
		2205515-84	10	6/10/2022	19:56
		2205515-85	10	6/10/2022	19:59
		2205515-86	10	6/10/2022	20:02
		2205515-87	10	6/10/2022	20:05
		2205515-88	10	6/10/2022	20:08
		CCV12	1	6/10/2022	20:14
		CCB12	1	6/10/2022	20:20
		2205515-89	10	6/10/2022	20:23
		2205515-90	10	6/10/2022	20:26
		2205515-91	10	6/10/2022	20:29
		2205515-91SER	50	6/10/2022	20:32

Data Package ID: IM2205638-1

ICPMS2 Run Log -- 6/10/2022

Instrument ID: ICPMS2
File Name: 133SMPL.
AnalRunID: IM220610-11A1
CalibRefID: IM220610-11A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
		2205515-91MS	10	6/10/2022	20:35
		2205515-91MSD	10	6/10/2022	20:38
		2205515-91A	10	6/10/2022	20:40
		2205515-92	10	6/10/2022	20:46
		2205515-93	10	6/10/2022	20:49
		2205515-94	10	6/10/2022	20:52
		CCV13	1	6/10/2022	20:58
		CCB13	1	6/10/2022	21:04
		2205515-95	10	6/10/2022	21:07
		2205515-96	10	6/10/2022	21:10
		2205515-97	10	6/10/2022	21:13
		2205515-98	10	6/10/2022	21:16
		2205515-99	10	6/10/2022	21:19
		2205515-100	10	6/10/2022	21:22
		CCV14	1	6/10/2022	21:28
		CCB14	1	6/10/2022	21:34
		IP220608-6MB	10	6/10/2022	21:37
		IM220608-6LCS	10	6/10/2022	21:40
		2205515-101	10	6/10/2022	21:45
		2205515-102	10	6/10/2022	21:48
		2205515-103	10	6/10/2022	21:51
		2205515-104	10	6/10/2022	21:54
		2205515-105	10	6/10/2022	21:57
		2205515-106	10	6/10/2022	22:00
		2205515-107	10	6/10/2022	22:03
		2205515-107SER	50	6/10/2022	22:06
		CCV15	1	6/10/2022	22:12
		CCB15	1	6/10/2022	22:18
		2205515-107MS	10	6/10/2022	22:21
		2205515-107MSD	10	6/10/2022	22:24
		2205515-107A	10	6/10/2022	22:27
		2205515-108	10	6/10/2022	22:33
		CCV16	1	6/10/2022	22:39
		CCB16	1	6/10/2022	22:45
		IP220609-2MB	10	6/10/2022	22:48

Data Package ID: IM2205638-1

ICPMS2 Run Log -- 6/10/2022

Instrument ID: ICPMS2
File Name: 168_LCS.
AnalRunID: IM220610-11A1
CalibRefID: IM220610-11A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
		IM220609-2LCS	10	6/10/2022	22:51
		IM220609-2LCSD	10	6/10/2022	22:57
		2205515-109	10	6/10/2022	23:02
		2205515-110	10	6/10/2022	23:05
		2205515-111	10	6/10/2022	23:08
		CCV17	1	6/10/2022	23:14
		CCB17	1	6/10/2022	23:20
	GS-FB01	2205638-246	10	6/10/2022	23:23
	GS-RB01	2205638-251	10	6/10/2022	23:26
	GS-RB02	2205638-252	10	6/10/2022	23:29
	GS-RB03	2205638-253	10	6/10/2022	23:32
	GS-RB04	2205638-254	10	6/10/2022	23:35
		CCV18	1	6/10/2022	23:41
		CCB18	1	6/10/2022	23:47
		IP220610-1MB	10	6/10/2022	23:50
		IM220610-1LCS	10	6/10/2022	23:53
		IM220610-1LCSD	10	6/10/2022	23:59
	GS-01A-00-01	2205638-1	10	6/11/2022	00:05
	GS-01A-01-06	2205638-2	10	6/11/2022	00:08
	GS-01B-00-01	2205638-3	10	6/11/2022	00:11
	GS-01B-01-06	2205638-4	10	6/11/2022	00:14
	GS-01E-00-01	2205638-5	10	6/11/2022	00:17
	GS-01E-01-06	2205638-7	10	6/11/2022	00:20
	GS-02A-00-01	2205638-8	10	6/11/2022	00:23
		CCV19	1	6/11/2022	00:28
		CCB19	1	6/11/2022	00:34
- Be	GS-02A-01-06	2205638-9	10	6/11/2022	00:37
- Be	GS-02B-00-01	2205638-10	10	6/11/2022	00:40
- Be	GS-02B-01-06	2205638-11	10	6/11/2022	00:43
- Be	GS-02E-00-01	2205638-12	10	6/11/2022	00:46
- Be	GS-02E-01-06	2205638-13	10	6/11/2022	00:49
- Be	GS-03A-00-01	2205638-14	10	6/11/2022	00:52
- Be	GS-03A-01-06	2205638-15	10	6/11/2022	00:55
- Be	GS-03B-00-01	2205638-16	10	6/11/2022	00:58
- Be	GS-03B-01-06	2205638-17	10	6/11/2022	01:01

Data Package ID: IM2205638-1

ICPMS2 Run Log -- 6/11/2022

Instrument ID: ICPMS2
File Name: 2036CCV.
AnalRunID: IM220610-11A1
CalibRefID: IM220610-11A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
		CCV20	1	6/11/2022	01:07
		CCB20	1	6/11/2022	01:13
- Be	GS-03E-00-01	2205638-18	10	6/11/2022	01:16
- Be	GS-03E-00-01-DUP	2205638-19	10	6/11/2022	01:19
- Be	GS-03E-00-01-TRI	2205638-20	10	6/11/2022	01:21
- Be	GS-03E-01-06	2205638-21	10	6/11/2022	01:24
		CCV21	1	6/11/2022	01:30
		CCB21	1	6/11/2022	01:36
- Be		IP220610-2MB	10	6/11/2022	01:39
- Be		IM220610-2LCS	10	6/11/2022	01:42
- Be	GS-03E-01-06-DUP	2205638-22	10	6/11/2022	01:48
- Be	GS-03E-01-06-TRI	2205638-23	10	6/11/2022	01:51
- Be	GS-04A-00-01	2205638-24	10	6/11/2022	01:54
- Be	GS-04A-00-01-DUP	2205638-25	10	6/11/2022	01:57
- Be	GS-04A-00-01-TRI	2205638-26	10	6/11/2022	02:00
- Be	GS-04A-01-06	2205638-27	10	6/11/2022	02:03
- Be	GS-04A-01-06-DUP	2205638-28	10	6/11/2022	02:06
- Be	GS-04A-01-06-TRI	2205638-29	10	6/11/2022	02:09
		CCV22	1	6/11/2022	02:14
		CCB22	1	6/11/2022	02:20
- Be	GS-04B-00-01	2205638-30	10	6/11/2022	02:23
- Be	GS-04B-01-06	2205638-31	10	6/11/2022	02:26
- Be	GS-04E-00-01	2205638-32	10	6/11/2022	02:29
- Be	GS-04E-01-06	2205638-33	10	6/11/2022	02:32
- Be	GS-05A-00-01	2205638-34	10	6/11/2022	02:35
- Be	GS-05A-01-06	2205638-35	10	6/11/2022	02:38
- Be	GS-05B-00-01	2205638-36	10	6/11/2022	02:41
- Be	GS-05B-01-06	2205638-37	10	6/11/2022	02:44
- Be	GS-06A-00-01	2205638-38	10	6/11/2022	02:47
- Be	GS-06A-01-06	2205638-39	10	6/11/2022	02:50
		CCV23	1	6/11/2022	02:56
		CCB23	1	6/11/2022	03:01
- Be	GS-06B-00-01	2205638-40	10	6/11/2022	03:04
- Be	GS-06B-00-01	2205638-40SER	50	6/11/2022	03:07
- Be	GS-06B-00-01	2205638-40MS	10	6/11/2022	03:10

Data Package ID: IM2205638-1

ICPMS2 Run Log -- 6/11/2022

Instrument ID: ICPMS2
File Name: 238SMPL.
AnalRunID: IM220610-11A1
CalibRefID: IM220610-11A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
- Be	GS-06B-00-01	2205638-40MSD	10	6/11/2022	03:13
- Be	GS-06B-00-01	2205638-40A	10	6/11/2022	03:16
		CCV24	1	6/11/2022	03:22
		CCB24	1	6/11/2022	03:28
		RINSE	1	6/11/2022	03:31
		RINSE	1	6/11/2022	03:34
		RINSE	1	6/11/2022	03:37

Data Package ID: IM2205638-1

ICPMS2 Run Log -- 6/14/2022

Instrument ID: ICPMS2
File Name: 001CALB_
AnalRunID: IM220614-11A1
CalibRefID: IM220614-11A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
		RINSE	1	6/14/2022	08:57
		RINSE	1	6/14/2022	09:00
		RINSE	1	6/14/2022	09:03
		BLANK	1	6/14/2022	09:06
		H/1000	1	6/14/2022	09:09
		H/100	1	6/14/2022	09:15
		H/10	1	6/14/2022	09:21
		HIGH	1	6/14/2022	09:27
		RINSE	1	6/14/2022	09:41
		ICV	1	6/14/2022	09:44
		ICB	1	6/14/2022	09:50
		LIV	1	6/14/2022	09:53
		ICSA1	1	6/14/2022	09:56
		ICSAB1	1	6/14/2022	10:02
		CCV1	1	6/14/2022	10:08
		CCB1	1	6/14/2022	10:14
		IP220613-4MB	10	6/14/2022	10:17
		IM220613-4LCS	10	6/14/2022	10:20
		2206255-1	10	6/14/2022	10:26
		2206255-1SER	50	6/14/2022	10:29
		2206255-1MS	10	6/14/2022	10:31
		2206255-1MSD	10	6/14/2022	10:34
		2206255-1A	10	6/14/2022	10:37
		CCV2	1	6/14/2022	10:43
		CCB2	1	6/14/2022	10:49
		2206255-1MS	100	6/14/2022	10:52
		2206255-1MSD	100	6/14/2022	10:55
		2206255-1A	100	6/14/2022	10:58
		CCV3	1	6/14/2022	11:04
		CCB3	1	6/14/2022	11:10
Ag,Al,As,B,Ba,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-02A-01-06	2205638-9	10	6/14/2022	11:13
Ag,Al,As,B,Ba,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-02B-00-01	2205638-10	10	6/14/2022	11:16
Ag,Al,As,B,Ba,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-02B-01-06	2205638-11	10	6/14/2022	11:18
Ag,Al,As,B,Ba,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-02E-00-01	2205638-12	10	6/14/2022	11:21
Ag,Al,As,B,Ba,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-02E-01-06	2205638-13	10	6/14/2022	11:24

Data Package ID: IM2205638-1

ALS -- Fort Collins
LIMS Version: 7.033

Date Printed: Friday, June 17, 2022

ICPMS2 Run Log -- 6/14/2022

Instrument ID: ICPMS2
File Name: 028SMPL.
AnalRunID: IM220614-11A1
CalibRefID: IM220614-11A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
Ag,Al,As,B,Ba,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-03A-00-01	2205638-14	10	6/14/2022	11:27
Ag,Al,As,B,Ba,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-03A-01-06	2205638-15	10	6/14/2022	11:30
Ag,Al,As,B,Ba,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-03B-00-01	2205638-16	10	6/14/2022	11:33
Ag,Al,As,B,Ba,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-03B-01-06	2205638-17	10	6/14/2022	11:36
Ag,Al,As,B,Ba,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-03E-00-01	2205638-18	10	6/14/2022	11:39
		CCV4	1	6/14/2022	11:45
		CCB4	1	6/14/2022	11:51
Ag,Al,As,B,Ba,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-03E-00-01-DUP	2205638-19	10	6/14/2022	11:54
Ag,Al,As,B,Ba,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-03E-00-01-TRI	2205638-20	10	6/14/2022	11:57
Ag,Al,As,B,Ba,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-03E-01-06	2205638-21	10	6/14/2022	11:59
		CCV5	1	6/14/2022	12:05
		CCB5	1	6/14/2022	12:11
		IP220610-2MB	10	6/14/2022	12:14
		IM220610-2LCS	10	6/14/2022	12:17
	GS-03E-01-06-DUP	2205638-22	10	6/14/2022	12:23
	GS-03E-01-06-TRI	2205638-23	10	6/14/2022	12:26
	GS-04A-00-01	2205638-24	10	6/14/2022	12:29
	GS-04A-00-01-DUP	2205638-25	10	6/14/2022	12:32
	GS-04A-00-01-TRI	2205638-26	10	6/14/2022	12:35
	GS-04A-01-06	2205638-27	10	6/14/2022	12:38
	GS-04A-01-06-DUP	2205638-28	10	6/14/2022	12:40
	GS-04A-01-06-TRI	2205638-29	10	6/14/2022	12:43
		CCV6	1	6/14/2022	12:49
		CCB6	1	6/14/2022	12:55
- Mn	GS-04B-00-01	2205638-30	10	6/14/2022	12:58
- Mn	GS-04B-01-06	2205638-31	10	6/14/2022	13:01
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-04B-01-06	2205638-31	100	6/14/2022	13:04
	GS-04E-00-01	2205638-32	10	6/14/2022	13:07
	GS-04E-01-06	2205638-33	10	6/14/2022	13:10
	GS-05A-00-01	2205638-34	10	6/14/2022	13:13
	GS-05A-01-06	2205638-35	10	6/14/2022	13:16
- Mn	GS-05B-00-01	2205638-36	10	6/14/2022	13:19
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-05B-00-01	2205638-36	100	6/14/2022	13:21
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-04B-00-01	2205638-30	100	6/14/2022	13:24
		CCV7	1	6/14/2022	13:30

Data Package ID: IM2205638-1

ICPMS2 Run Log -- 6/14/2022

Instrument ID: ICPMS2
File Name: 0636CCB.
AnalRunID: IM220614-11A1
CalibRefID: IM220614-11A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
		CCB7	1	6/14/2022	13:36
	GS-05B-01-06	2205638-37	10	6/14/2022	13:39
	GS-05B-01-06	2205638-37	100	6/14/2022	13:42
	GS-06A-00-01	2205638-38	10	6/14/2022	13:45
	GS-06A-01-06	2205638-39	10	6/14/2022	13:48
- Mn	GS-06B-00-01	2205638-40	10	6/14/2022	13:51
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-06B-00-01	2205638-40	100	6/14/2022	13:54
- Mn	GS-06B-00-01	2205638-40SER	50	6/14/2022	13:57
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-06B-00-01	2205638-40SER	500	6/14/2022	14:00
- Mn	GS-06B-00-01	2205638-40MS	10	6/14/2022	14:03
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-06B-00-01	2205638-40MS	100	6/14/2022	14:06
		CCV8	1	6/14/2022	14:11
		CCB8	1	6/14/2022	14:17
- Mn	GS-06B-00-01	2205638-40MSD	10	6/14/2022	14:20
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-06B-00-01	2205638-40MSD	100	6/14/2022	14:23
- Mn	GS-06B-00-01	2205638-40A	10	6/14/2022	14:26
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-06B-00-01	2205638-40A	100	6/14/2022	14:32
		CCV9	1	6/14/2022	14:38
		CCB9	1	6/14/2022	14:44
		ZZZ	1	6/14/2022	14:47
		RINSE	1	6/14/2022	14:50
		RINSE	1	6/14/2022	14:53

Data Package ID: IM2205638-1

ICPMS2 Run Log -- 6/14/2022

Instrument ID: ICPMS2
File Name: 001CALB_
AnalRunID: IM220614-12A1
CalibRefID: IM220614-12A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
		RINSE	1	6/14/2022	15:01
		RINSE	1	6/14/2022	15:04
		RINSE	1	6/14/2022	15:07
		BLANK	1	6/14/2022	15:10
		H/1000	1	6/14/2022	15:13
		H/100	1	6/14/2022	15:19
		H/10	1	6/14/2022	15:25
		HIGH	1	6/14/2022	15:31
		RINSE	1	6/14/2022	15:37
		ICV	1	6/14/2022	15:40
		ICB	1	6/14/2022	15:46
		LIV	1	6/14/2022	15:49
		ICSA1	1	6/14/2022	15:52
		ICSAB1	1	6/14/2022	15:58
		CCV1	1	6/14/2022	16:04
		CCB1	1	6/14/2022	16:10
		IP220610-5MB	10	6/14/2022	16:13
		IM220610-5LCS	10	6/14/2022	16:16
- Mg	GS-06B-01-06	2205638-41	10	6/14/2022	16:22
- Mg	GS-06B-01-06	2205638-41SER	50	6/14/2022	16:25
- Mn	GS-06B-01-06	2205638-41MS	10	6/14/2022	16:27
- Mn	GS-06B-01-06	2205638-41MSD	10	6/14/2022	16:30
- Mn	GS-06B-01-06	2205638-41A	10	6/14/2022	16:33
	GS-06E-00-01	2205638-42	10	6/14/2022	16:39
	GS-06E-01-06	2205638-43	10	6/14/2022	16:42
	GS-07A-00-01	2205638-44	10	6/14/2022	16:45
		CCV2	1	6/14/2022	16:51
		CCB2	1	6/14/2022	16:57
	GS-07A-01-06	2205638-45	10	6/14/2022	17:00
	GS-07A1-00-01	2205638-46	10	6/14/2022	17:02
	GS-07A1-01-06	2205638-47	10	6/14/2022	17:05
	GS-07B-00-01	2205638-48	10	6/14/2022	17:08
- Mn	GS-07B-01-06	2205638-49	10	6/14/2022	17:11
	GS-07E-00-01	2205638-50	10	6/14/2022	17:14
	GS-07E-01-06	2205638-51	10	6/14/2022	17:17

Data Package ID: IM2205638-1

ICPMS2 Run Log -- 6/14/2022

Instrument ID: ICPMS2
File Name: 028SMPL.
AnalRunID: IM220614-12A1
CalibRefID: IM220614-12A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
	GS-08A-00-01	2205638-52	10	6/14/2022	17:20
	GS-08A-01-06	2205638-53	10	6/14/2022	17:23
	GS-08B-00-01	2205638-54	10	6/14/2022	17:26
		CCV3	1	6/14/2022	17:32
		CCB3	1	6/14/2022	17:37
	GS-08B-01-06	2205638-55	10	6/14/2022	17:40
	GS-08E-00-01	2205638-56	10	6/14/2022	17:43
	GS-08E-01-06	2205638-57	10	6/14/2022	17:46
	GS-09B-00-01	2205638-58	10	6/14/2022	17:49
	GS-09B-01-06	2205638-59	10	6/14/2022	17:52
	GS-09E-00-01	2205638-60	10	6/14/2022	17:55
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-07B-01-06	2205638-49	100	6/14/2022	17:58
		CCV4	1	6/14/2022	18:04
		CCB4	1	6/14/2022	18:10
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-06B-01-06	2205638-41	100	6/14/2022	18:13
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-06B-01-06	2205638-41SER	500	6/14/2022	18:16
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-06B-01-06	2205638-41MS	100	6/14/2022	18:19
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-06B-01-06	2205638-41MSD	100	6/14/2022	18:22
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-06B-01-06	2205638-41A	100	6/14/2022	18:25
		CCV5	1	6/14/2022	18:30
		CCB5	1	6/14/2022	18:36
		IP220610-6MB	10	6/14/2022	18:39
		IM220610-6LCS	10	6/14/2022	18:42
	GS-09E-01-06	2205638-62	10	6/14/2022	18:48
	GS-10B-00-01	2205638-63	10	6/14/2022	18:51
- Pb	GS-10B-01-06	2205638-64	10	6/14/2022	18:54
	GS-11B-00-01	2205638-65	10	6/14/2022	18:57
	GS-11B-00-01-DUP	2205638-66	10	6/14/2022	19:00
	GS-11B-00-01-TRI	2205638-67	10	6/14/2022	19:03
- Pb	GS-11B-01-06	2205638-68	10	6/14/2022	19:06
- Pb	GS-11B-01-06-DUP	2205638-69	10	6/14/2022	19:08
		CCV6	1	6/14/2022	19:14
		CCB6	1	6/14/2022	19:20
- Pb	GS-11B-01-06-TRI	2205638-70	10	6/14/2022	19:23
	GS-11D-00-01	2205638-71	10	6/14/2022	19:26

Data Package ID: IM2205638-1

ICPMS2 Run Log -- 6/14/2022

Instrument ID: ICPMS2
File Name: 063SMPL.
AnalRunID: IM220614-12A1
CalibRefID: IM220614-12A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
	GS-11D-01-06	2205638-72	10	6/14/2022	19:29
	GS-12B-00-01	2205638-73	10	6/14/2022	19:32
- Pb	GS-12B-01-06	2205638-74	10	6/14/2022	19:35
	GS-12D-00-01	2205638-75	10	6/14/2022	19:38
	GS-12D-01-06	2205638-76	10	6/14/2022	19:41
	GS-13B-00-01	2205638-77	10	6/14/2022	19:43
	GS-13B-10-06	2205638-79	10	6/14/2022	19:46
		CCV7	1	6/14/2022	19:52
		CCB7	1	6/14/2022	19:58
	GS-13D-00-01	2205638-80	10	6/14/2022	20:01
	GS-13D-00-01	2205638-80SER	50	6/14/2022	20:04
	GS-13D-00-01	2205638-80MS	10	6/14/2022	20:07
	GS-13D-00-01	2205638-80MSD	10	6/14/2022	20:10
	GS-13D-00-01	2205638-80A	10	6/14/2022	20:13
		CCV8	1	6/14/2022	20:18
		CCB8	1	6/14/2022	20:24
		IP220613-1MB	10	6/14/2022	20:27
		IM220613-1LCS	10	6/14/2022	20:30
	GS-13D-01-06	2205638-81	10	6/14/2022	20:36
	GS-13D-01-06	2205638-81SER	50	6/14/2022	20:39
	GS-13D-01-06	2205638-81MS	10	6/14/2022	20:42
	GS-13D-01-06	2205638-81MSD	10	6/14/2022	20:45
	GS-13D-01-06	2205638-81A	10	6/14/2022	20:48
	GS-14B-00-01	2205638-82	10	6/14/2022	20:54
	GS-14B-00-01-DUP	2205638-83	10	6/14/2022	20:56
	GS-14B-00-01-TRI	2205638-84	10	6/14/2022	20:59
		CCV9	1	6/14/2022	21:05
		CCB9	1	6/14/2022	21:11
	GS-14B-01-06	2205638-85	10	6/14/2022	21:14
	GS-14B-01-06-DUP	2205638-86	10	6/14/2022	21:17
	GS-14B-01-06-TRI	2205638-87	10	6/14/2022	21:20
	GS-14D-00-01	2205638-88	10	6/14/2022	21:23
	GS-14D-00-01	2205638-88SER	50	6/14/2022	21:26
	GS-14D-00-01	2205638-88MS	10	6/14/2022	21:29
	GS-14D-00-01	2205638-88MSD	10	6/14/2022	21:32

Data Package ID: IM2205638-1

ICPMS2 Run Log -- 6/14/2022

Instrument ID: ICPMS2
File Name: 098SMPL.
AnalRunID: IM220614-12A1
CalibRefID: IM220614-12A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
	GS-14D-00-01	2205638-88A	10	6/14/2022	21:35
		CCV10	1	6/14/2022	21:40
		CCB10	1	6/14/2022	21:46
	GS-14D-01-06	2205638-90	10	6/14/2022	21:49
	GS-14D-01-06	2205638-90SER	50	6/14/2022	21:52
	GS-14D-01-06	2205638-90MS	10	6/14/2022	21:55
	GS-14D-01-06	2205638-90MSD	10	6/14/2022	21:58
	GS-14D-01-06	2205638-90A	10	6/14/2022	22:01
	GS-15B-00-01	2205638-91	10	6/14/2022	22:07
	GS-15B-01-06	2205638-92	10	6/14/2022	22:10
	GS-16B-00-01	2205638-93	10	6/14/2022	22:13
	GS-16B-01-06	2205638-94	10	6/14/2022	22:15
	GS-16B1-00-01	2205638-95	10	6/14/2022	22:18
		CCV11	1	6/14/2022	22:24
		CCB11	1	6/14/2022	22:30
	GS-16B1-01-06	2205638-96	10	6/14/2022	22:33
	GS-16D-00-01	2205638-97	10	6/14/2022	22:36
	GS-16D-01-06	2205638-98	10	6/14/2022	22:39
	GS-17B-00-01	2205638-99	10	6/14/2022	22:42
	GS-17B-01-06	2205638-100	10	6/14/2022	22:45
		CCV12	1	6/14/2022	22:51
		CCB12	1	6/14/2022	22:57
		IP220613-2MB	10	6/14/2022	23:00
		IM220613-2LCS	10	6/14/2022	23:03
		IM220613-2LCSD	10	6/14/2022	23:08
	GS-17D-00-01	2205638-101	10	6/14/2022	23:14
	GS-17D-01-06	2205638-102	10	6/14/2022	23:17
	GS-18B-00-01	2205638-103	10	6/14/2022	23:20
	GS-18B-01-06	2205638-104	10	6/14/2022	23:23
	GS-18D-00-01	2205638-105	10	6/14/2022	23:26
	GS-18D-01-06	2205638-106	10	6/14/2022	23:29
	GS-19B-00-01	2205638-107	10	6/14/2022	23:32
		CCV13	1	6/14/2022	23:38
		CCB13	1	6/14/2022	23:44
	GS-19B-01-06	2205638-108	10	6/14/2022	23:47

Data Package ID: IM2205638-1

ICPMS2 Run Log -- 6/14/2022

Instrument ID: ICPMS2
File Name: 133SMPL.
AnalRunID: IM220614-12A1
CalibRefID: IM220614-12A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
	GS-20B-00-01	2205638-109	10	6/14/2022	23:50
	GS-20B-01-06	2205638-110	10	6/14/2022	23:53
	GS-20D-00-01	2205638-111	10	6/14/2022	23:55
	GS-20D-01-06	2205638-112	10	6/14/2022	23:58
- Pb	GS-21D-00-01	2205638-113	10	6/15/2022	00:01
- Pb	GS-21D-01-06	2205638-115	10	6/15/2022	00:04
	GS-22D-00-01	2205638-116	10	6/15/2022	00:07
	GS-22D-01-06	2205638-117	10	6/15/2022	00:10
	GS-23D-00-01	2205638-118	10	6/15/2022	00:13
		CCV14	1	6/15/2022	00:19
		CCB14	1	6/15/2022	00:25
	GS-23D-01-06	2205638-119	10	6/15/2022	00:28
	GS-24D-00-01	2205638-120	10	6/15/2022	00:31
	GS-24D-01-06	2205638-121	10	6/15/2022	00:34
		CCV15	1	6/15/2022	00:39
		CCB15	1	6/15/2022	00:45
		IP220613-3MB	10	6/15/2022	00:48
		IM220613-3LCS	10	6/15/2022	00:51
		IM220613-3LCSD	10	6/15/2022	00:57
	GS-25D-01-06	2205638-122	10	6/15/2022	01:03
	GS-25D-01-06	2205638-123	10	6/15/2022	01:06
	GS-26D-00-01	2205638-124	10	6/15/2022	01:09
	GS-26D-01-06	2205638-125	10	6/15/2022	01:12
	GS-27D-00-01	2205638-126	10	6/15/2022	01:15
	GS-27D-01-06	2205638-128	10	6/15/2022	01:18
	GS-28D-00-01	2205638-129	10	6/15/2022	01:21
		CCV16	1	6/15/2022	01:27
		CCB16	1	6/15/2022	01:33
- Be	GS-28D-01-06	2205638-130	10	6/15/2022	01:36
- Be,Pb	GS-29A4-00-01	2205638-131	10	6/15/2022	01:38
- Be,Pb	GS-29A4-01-06	2205638-132	10	6/15/2022	01:41
- Be,Pb	GS-29A5-00-01	2205638-133	10	6/15/2022	01:44
- Be,Pb	GS-29A5-01-06	2205638-134	10	6/15/2022	01:47
- Be,Pb	GS-29A5-COMP	2205638-135	10	6/15/2022	01:50
- Be	GS-29D-00-01	2205638-136	10	6/15/2022	01:53

Data Package ID: IM2205638-1

ICPMS2 Run Log -- 6/15/2022

Instrument ID: ICPMS2
File Name: 168SMPL.
AnalRunID: IM220614-12A1
CalibRefID: IM220614-12A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
- Be	GS-29D-00-01-DUP	2205638-137	10	6/15/2022	01:56
- Be	GS-29D-00-01-TRI	2205638-138	10	6/15/2022	01:59
- Be	GS-29-01-06	2205638-139	10	6/15/2022	02:02
		CCV17	1	6/15/2022	02:08
		CCB17	1	6/15/2022	02:14
- Be	GS-29-01-06-DUP	2205638-140	10	6/15/2022	02:17
- Be	GS-29-01-06-TRI	2205638-141	10	6/15/2022	02:20
- Be	GS-30A-00-01	2205638-142	10	6/15/2022	02:23
		CCV18	1	6/15/2022	02:28
		CCB18	1	6/15/2022	02:34
		RINSE	1	6/15/2022	02:37
		RINSE	1	6/15/2022	02:40

Data Package ID: IM2205638-1

ICPMS2 Run Log -- 6/15/2022

Instrument ID: ICPMS2
File Name: 001CALB_
AnalRunID: IM220615-10A1
CalibRefID: IM220615-10A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
		RINSE	1	6/15/2022	09:30
		RINSE	1	6/15/2022	09:33
		RINSE	1	6/15/2022	09:36
		BLANK	1	6/15/2022	09:39
		H/1000	1	6/15/2022	09:42
		H/100	1	6/15/2022	09:48
		H/10	1	6/15/2022	09:54
		HIGH	1	6/15/2022	10:00
		RINSE	1	6/15/2022	10:28
		ICV	1	6/15/2022	10:31
		ICB	1	6/15/2022	10:37
		LIV	1	6/15/2022	10:40
		ICSA1	1	6/15/2022	10:43
		ICSAB1	1	6/15/2022	10:49
		CCV1	1	6/15/2022	10:55
		CCB1	1	6/15/2022	11:01
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-10B-01-06	2205638-64	100	6/15/2022	11:04
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-11B-01-06	2205638-68	100	6/15/2022	11:07
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-11B-01-06-DUP	2205638-69	100	6/15/2022	11:10
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-11B-01-06-TRI	2205638-70	100	6/15/2022	11:13
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-12B-01-06	2205638-74	100	6/15/2022	11:16
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-21D-00-01	2205638-113	100	6/15/2022	11:18
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-21D-01-06	2205638-115	100	6/15/2022	11:21
Ag,Al,As,B,Ba,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-28D-01-06	2205638-130	10	6/15/2022	11:24
Ag,Al,As,B,Ba,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-29A4-00-01	2205638-131	10	6/15/2022	11:27
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-29A4-00-01	2205638-131	100	6/15/2022	11:30
		CCV2	1	6/15/2022	11:36
		CCB2	1	6/15/2022	11:42
Ag,Al,As,B,Ba,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-29A4-01-06	2205638-132	10	6/15/2022	11:45
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-29A4-01-06	2205638-132	100	6/15/2022	11:48
Ag,Al,As,B,Ba,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-29A5-00-01	2205638-133	10	6/15/2022	11:51
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-29A5-00-01	2205638-133	100	6/15/2022	11:54
Ag,Al,As,B,Ba,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-29A5-01-06	2205638-134	10	6/15/2022	11:57
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-29A5-01-06	2205638-134	100	6/15/2022	12:00
Ag,Al,As,B,Ba,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-29A5-COMP	2205638-135	10	6/15/2022	12:03

Data Package ID: IM2205638-1

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LIMS Version: 7.033

Date Printed: Friday, June 17, 2022

ICPMS2 Run Log -- 6/15/2022

Instrument ID: ICPMS2
File Name: 028SMPL.
AnalRunID: IM220615-10A1
CalibRefID: IM220615-10A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-29A5-COMP	2205638-135	100	6/15/2022	12:06
Ag,Al,As,B,Ba,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-29D-00-01	2205638-136	10	6/15/2022	12:09
Ag,Al,As,B,Ba,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-29D-00-01-DUP	2205638-137	10	6/15/2022	12:12
		CCV3	1	6/15/2022	12:17
		CCB3	1	6/15/2022	12:23
Ag,Al,As,B,Ba,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-29D-00-01-TRI	2205638-138	10	6/15/2022	12:26
Ag,Al,As,B,Ba,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-29-01-06	2205638-139	10	6/15/2022	12:29
Ag,Al,As,B,Ba,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-29-01-06-DUP	2205638-140	10	6/15/2022	12:32
Ag,Al,As,B,Ba,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-29-01-06-TRI	2205638-141	10	6/15/2022	12:35
Ag,Al,As,B,Ba,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-30A-00-01	2205638-142	10	6/15/2022	12:38
		CCV4	1	6/15/2022	12:44
		CCB4	1	6/15/2022	12:50
		IP220613-5MB	10	6/15/2022	12:53
		IM220613-5LCS	10	6/15/2022	12:56
		IM220613-5LCSD	10	6/15/2022	13:02
- Pb	GS-30A-01-06	2205638-143	10	6/15/2022	13:08
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-30A-01-06	2205638-143	100	6/15/2022	13:10
	GS-31A-00-01	2205638-144	10	6/15/2022	13:13
		ZZZ	100	6/15/2022	13:16
- Pb	GS-31A-01-06	2205638-145	10	6/15/2022	13:19
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-31A-01-06	2205638-145	100	6/15/2022	13:22
		CCV5	1	6/15/2022	13:28
		CCB5	1	6/15/2022	13:34
	GS-32A-00-01	2205638-146	10	6/15/2022	13:37
		ZZZ	100	6/15/2022	13:40
- Pb	GS-32A-01-06	2205638-147	10	6/15/2022	13:43
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	GS-32A-01-06	2205638-147	100	6/15/2022	13:46
	GS-32A-COMP	2205638-148	10	6/15/2022	13:49
	GS-33A-00-01	2205638-149	10	6/15/2022	13:52
	GS-33A-01-06	2205638-150	10	6/15/2022	13:55
		ZZZ	100	6/15/2022	13:58
	GS-34A-00-01	2205638-151	10	6/15/2022	14:01
		ZZZ	100	6/15/2022	14:04
		CCV6	1	6/15/2022	14:10
		CCB6	1	6/15/2022	14:16

Data Package ID: IM2205638-1

ICPMS2 Run Log -- 6/15/2022

Instrument ID: ICPMS2
File Name: 063SMPL.
AnalRunID: IM220615-10A1
CalibRefID: IM220615-10A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
	GS-34A-01-06	2205638-152	10	6/15/2022	14:19
	GS-34A-01-06	2205638-152	100	6/15/2022	14:21
	GS-35A-00-01	2205638-153	10	6/15/2022	14:24
	GS-35A-01-06	2205638-154	10	6/15/2022	14:27
	GS-35A-COMP	2205638-155	10	6/15/2022	14:30
	GS-36A-00-01	2205638-156	10	6/15/2022	14:33
	GS-36A-01-06	2205638-157	10	6/15/2022	14:36
	GS-37A-00-01	2205638-158	10	6/15/2022	14:39
	GS-37A-01-06	2205638-159	10	6/15/2022	14:42
	GS-38A-00-01	2205638-160	10	6/15/2022	14:45
		CCV7	1	6/15/2022	14:51
		CCB7	1	6/15/2022	14:57
	GS-38A-01-06	2205638-161	10	6/15/2022	15:00
	GS-39A-00-01	2205638-162	10	6/15/2022	15:03
		CCV8	1	6/15/2022	15:09
		CCB8	1	6/15/2022	15:14
		IP220613-6MB	10	6/15/2022	15:17
		IM220613-6LCS	10	6/15/2022	15:20
	GS-39A-01-06	2205638-164	10	6/15/2022	15:26
	GS-39A-COMP	2205638-165	10	6/15/2022	15:29
	GS-40A-00-01	2205638-166	10	6/15/2022	15:32
	GS-40A-01-06	2205638-167	10	6/15/2022	15:35
	GS-40A1-00-01	2205638-168	10	6/15/2022	15:38
	GS-40A1-00-01-DUP	2205638-169	10	6/15/2022	15:41
	GS-40A1-00-01-TRI	2205638-170	10	6/15/2022	15:44
	GS-40A1-01-06	2205638-171	10	6/15/2022	15:47
		CCV9	1	6/15/2022	15:53
		CCB9	1	6/15/2022	15:59
	GS-40A1-01-06-DUP	2205638-172	10	6/15/2022	16:02
	GS-40A1-01-06-TRI	2205638-173	10	6/15/2022	16:05
	GS-40A2-00-01	2205638-174	10	6/15/2022	16:08
	GS-40A2-01-06	2205638-175	10	6/15/2022	16:11
	GS-41A-00-01	2205638-176	10	6/15/2022	16:13
	GS-41A-01-06	2205638-177	10	6/15/2022	16:16
	GS-42A-00-01	2205638-178	10	6/15/2022	16:19

Data Package ID: IM2205638-1

ICPMS2 Run Log -- 6/15/2022

Instrument ID: ICPMS2
File Name: 098SMPL.
AnalRunID: IM220615-10A1
CalibRefID: IM220615-10A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
	GS-42A-01-06	2205638-179	10	6/15/2022	16:22
		ZZZ	1	6/15/2022	16:25
		ZZZ	1	6/15/2022	16:28
		CCV10	1	6/15/2022	16:34
		CCB10	1	6/15/2022	16:40

Data Package ID: IM2205638-1

ICPMS2 Run Log -- 6/16/2022

Instrument ID: ICPMS2
File Name: 001CALB_
AnalRunID: IM220616-10A1
CalibRefID: IM220616-10A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
		RINSE	1	6/16/2022	13:50
		RINSE	1	6/16/2022	13:53
		RINSE	1	6/16/2022	13:56
		BLANK	1	6/16/2022	13:59
		H/1000	1	6/16/2022	14:02
		H/100	1	6/16/2022	14:08
		H/10	1	6/16/2022	14:14
		HIGH	1	6/16/2022	14:20
		RINSE	1	6/16/2022	14:40
		ICV	1	6/16/2022	14:43
		ICB	1	6/16/2022	14:49
		LIV	1	6/16/2022	14:52
		ICSA1	1	6/16/2022	14:55
		ICSAB1	1	6/16/2022	15:01
		CCV1	1	6/16/2022	15:06
		CCB1	1	6/16/2022	15:12
	GS-43A-00-01	2205638-180	10	6/16/2022	15:15
	GS-43A-00-01	2205638-180SER	50	6/16/2022	15:18
	GS-43A-00-01	2205638-180MS	10	6/16/2022	15:21
	GS-43A-00-01	2205638-180MSD	10	6/16/2022	15:24
	GS-43A-00-01	2205638-180A	10	6/16/2022	15:27
	GS-43A-01-06	2205638-181	10	6/16/2022	15:33
	GS-43A-01-06	2205638-181SER	50	6/16/2022	15:36
	GS-43A-01-06	2205638-181MS	10	6/16/2022	15:39
	GS-43A-01-06	2205638-181MSD	10	6/16/2022	15:41
	GS-43A-01-06	2205638-181A	10	6/16/2022	15:44
		CCV2	1	6/16/2022	15:50
		CCB2	1	6/16/2022	15:56
	GS-43A-COMP	2205638-182	10	6/16/2022	15:59
	GS-44A-00-01	2205638-183	10	6/16/2022	16:02
		CCV3	1	6/16/2022	16:08
		CCB3	1	6/16/2022	16:14
		ZZZ	1	6/16/2022	16:17
		ZZZ	1	6/16/2022	16:20
		IM220614-1LCSD	10	6/16/2022	16:26

Data Package ID: IM2205638-1

ICPMS2 Run Log -- 6/16/2022

Instrument ID: ICPMS2
File Name: 028SMPL.
AnalRunID: IM220616-10A1
CalibRefID: IM220616-10A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
	GS-44A-01-06	2205638-184	10	6/16/2022	16:31
	GS-45A-00-01	2205638-185	10	6/16/2022	16:34
	GS-45A-01-06	2205638-186	10	6/16/2022	16:37
	GS-46A-00-01	2205638-187	10	6/16/2022	16:40
	GS-46A-01-06	2205638-188	10	6/16/2022	16:43
	GS-47A-00-01	2205638-189	10	6/16/2022	16:46
	GS-47A-01-06	2205638-190	10	6/16/2022	16:49
		CCV4	1	6/16/2022	16:55
		CCB4	1	6/16/2022	17:01
	GS-BG01-00-01	2205638-191	10	6/16/2022	17:04
	GS-BG01-01-06	2205638-193	10	6/16/2022	17:07
	GS-BG02-00-01	2205638-194	10	6/16/2022	17:10
	GS-BG02-01-06	2205638-196	10	6/16/2022	17:13
	GS-BG03-00-01	2205638-197	10	6/16/2022	17:16
	GS-BG03-01-06	2205638-199	10	6/16/2022	17:19
	GS-CA01-00-01	2205638-200	10	6/16/2022	17:21
	GS-CA01-01-06	2205638-201	10	6/16/2022	17:24
	GS-CA02-00-01	2205638-202	10	6/16/2022	17:27
	GS-CA02-01-06	2205638-204	10	6/16/2022	17:30
		CCV5	1	6/16/2022	17:36
		CCB5	1	6/16/2022	17:42
		IP220614-1MB	10	6/16/2022	17:45
		IM220614-1LCS	10	6/16/2022	17:48
	GS-CA03-00-01	2205638-205	10	6/16/2022	17:54
	GS-CA03-01-06	2205638-206	10	6/16/2022	17:57
	GS-CA04-00-01	2205638-207	10	6/16/2022	18:00
		CCV6	1	6/16/2022	18:05
		CCB6	1	6/16/2022	18:11
		IP220614-2MB	10	6/16/2022	18:14
		IM220614-2LCS	10	6/16/2022	18:17
	GS-CA04-00-01-DUP	2205638-208	10	6/16/2022	18:23
	GS-CA04-00-01-TRI	2205638-209	10	6/16/2022	18:26
	GS-CA04-01-06	2205638-210	10	6/16/2022	18:29
	GS-CA04-01-06-DUP	2205638-211	10	6/16/2022	18:32
	GS-CA04-01-06-TRI	2205638-212	10	6/16/2022	18:35

Data Package ID: IM2205638-1

ICPMS2 Run Log -- 6/16/2022

Instrument ID: ICPMS2
File Name: 063SMPL.
AnalRunID: IM220616-10A1
CalibRefID: IM220616-10A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
	GS-CA05-00-01	2205638-213	10	6/16/2022	18:38
	GS-CA05-01-06	2205638-214	10	6/16/2022	18:41
	GS-CA06-00-01	2205638-215	10	6/16/2022	18:44
		CCV7	1	6/16/2022	18:49
		CCB7	1	6/16/2022	18:55
	GS-CA06-01-06	2205638-216	10	6/16/2022	18:58
	GS-CA07-00-01	2205638-217	10	6/16/2022	19:01
	GS-CA07-01-06	2205638-218	10	6/16/2022	19:04
	GS-CA08-00-01	2205638-219	10	6/16/2022	19:07
	GS-CA08-01-06	2205638-220	10	6/16/2022	19:10
	GS-CA09-00-01	2205638-221	10	6/16/2022	19:13
	GS-CA09-01-06	2205638-222	10	6/16/2022	19:16
	GS-CA10-00-01	2205638-223	10	6/16/2022	19:19
	GS-CA10-01-06	2205638-224	10	6/16/2022	19:22
		CCV8	1	6/16/2022	19:27
		CCB8	1	6/16/2022	19:33
	GS-CA11-00-01	2205638-225	10	6/16/2022	19:36
	GS-CA11-00-01	2205638-225SER	50	6/16/2022	19:39
	GS-CA11-00-01	2205638-225MS	10	6/16/2022	19:42
	GS-CA11-00-01	2205638-225MSD	10	6/16/2022	19:45
	GS-CA11-00-01	2205638-225A	10	6/16/2022	19:48
		CCV9	1	6/16/2022	19:54
		CCB9	1	6/16/2022	20:00
		IP220614-3MB	10	6/16/2022	20:03
		IM220614-3LCS	10	6/16/2022	20:06
	GS-CA11-01-06	2205638-226	10	6/16/2022	20:12
	GS-CA11-01-06	2205638-226SER	50	6/16/2022	20:15
	GS-CA11-01-06	2205638-226MS	10	6/16/2022	20:17
	GS-CA11-01-06	2205638-226MSD	10	6/16/2022	20:20
	GS-CA11-01-06	2205638-226A	10	6/16/2022	20:23
	GS-CA12-00-01	2205638-227	10	6/16/2022	20:29
	GS-CA12-00-01-DUP	2205638-228	10	6/16/2022	20:32
	GS-CA12-00-01-TRI	2205638-229	10	6/16/2022	20:35
		CCV10	1	6/16/2022	20:41
		CCB10	1	6/16/2022	20:47

Data Package ID: IM2205638-1

ICPMS2 Run Log -- 6/16/2022

Instrument ID: ICPMS2
File Name: 098SMPL.
AnalRunID: IM220616-10A1
CalibRefID: IM220616-10A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
	GS-CA12-01-06	2205638-230	10	6/16/2022	20:50
	GS-CA12-01-06-DUP	2205638-231	10	6/16/2022	20:52
	GS-CA12-01-06-TRI	2205638-232	10	6/16/2022	20:55
	GS-CA13-00-01	2205638-233	10	6/16/2022	20:58
	GS-CA13-00-01-DUP	2205638-234	10	6/16/2022	21:01
	GS-CA13-00-01-TRI	2205638-235	10	6/16/2022	21:04
	GS-CA13-01-06	2205638-236	10	6/16/2022	21:07
		CCV11	1	6/16/2022	21:13
		CCB11	1	6/16/2022	21:19
		IP220614-4MB	10	6/16/2022	21:22
		IM220614-4LCS	10	6/16/2022	21:25
		IM220614-4LCSD	10	6/16/2022	21:31
	GS-CA13-01-06-DUP	2205638-237	10	6/16/2022	21:37
	GS-CA13-01-06-TRI	2205638-238	10	6/16/2022	21:40
	GS-CA14-00-01	2205638-239	10	6/16/2022	21:42
	GS-CA14-00-01-DUP	2205638-240	10	6/16/2022	21:45
	GS-CA14-00-01-TRI	2205638-241	10	6/16/2022	21:48
	GS-CA14-01-06	2205638-243	10	6/16/2022	21:51
	GS-CA14-01-06-DUP	2205638-244	10	6/16/2022	21:54
		CCV12	1	6/16/2022	22:00
		CCB12	1	6/16/2022	22:06
	GS-CA14-01-06-TRI	2205638-245	10	6/16/2022	22:09
	GS-HOUSE-00-01	2205638-247	10	6/16/2022	22:12
	GS-HOUSE-01-06	2205638-250	10	6/16/2022	22:15
	GS-VACANT-00-01	2205638-255	10	6/16/2022	22:18
	GS-VACANT-01-06	2205638-258	10	6/16/2022	22:21
		CCV13	1	6/16/2022	22:26
		CCB13	1	6/16/2022	22:32
		RINSE	1	6/16/2022	22:35
		RINSE	1	6/16/2022	22:38

Data Package ID: IM2205638-1

Mercury

Method SW7470A

Method Blank

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: HG220609-2MB

Sample Matrix: WATER
% Moisture: N/A
Date Collected: N/A
Date Extracted: 09-Jun-22
Date Analyzed: 09-Jun-22

Prep Batch: HG220609-2
QCBatchID: HG220609-2-1
Run ID: HG220609-1A2
Cleanup: NONE
Basis: N/A
File Name: HG220609-1A1

Sample Aliquot: 20 ml
Final Volume: 20 ml
Result Units: MG/L
Clean DF: 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL
7439-97-6	MERCURY	1	0.00006	U	0.0002	0.00006

Data Package ID: *HG2205638-1*

Mercury

Method SW7471

Method Blank

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: HG220609-3MB

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 09-Jun-22
Date Analyzed: 10-Jun-22

Prep Batch: HG220609-3
QCBatchID: HG220609-3-1
Run ID: HG220610-1A2
Cleanup: NONE
Basis: N/A
File Name: HG220610-1A1

Sample Aliquot: 0.6g
Final Volume: 100ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL
7439-97-6	MERCURY	1	-0.012	J	0.033	0.0042

Data Package ID: *HG2205638-1*

Mercury

Method SW7470A

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: ALS -- Fort Collins

Work Order Number: 2205638

Client Name: Tetra Tech

ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: HG220609-2LCS

Sample Matrix: WATER
% Moisture: N/A
Date Collected: N/A
Date Extracted: 06/09/2022
Date Analyzed: 06/09/2022
Prep Method: METHOD

Prep Batch: HG220609-2
QCBatchID: HG220609-2-1
Run ID: HG220609-1A2
Cleanup: NONE
Basis: N/A
File Name: HG220609-1A1

Sample Aliquot: 20 ml
Final Volume: 20 ml
Result Units: MG/L
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7439-97-6	MERCURY	0.001	0.00105	0.0002		105	80 - 120%

Lab ID: HG220609-2LCSD

Sample Matrix: WATER
% Moisture: N/A
Date Collected: N/A
Date Extracted: 06/09/2022
Date Analyzed: 06/09/2022
Prep Method: METHOD

Prep Batch: HG220609-2
QCBatchID: HG220609-2-1
Run ID: HG220609-1A2
Cleanup: NONE
Basis: N/A
File Name: HG220609-1A1

Sample Aliquot: 20 ml
Final Volume: 20 ml
Result Units: MG/L
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
7439-97-6	MERCURY	0.001	0.00105	0.0002		105	20	0

Data Package ID: *HG2205638-1*

Mercury

Method SW7471

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Lab ID: HG220609-3LCS

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 06/09/2022
Date Analyzed: 06/10/2022
Prep Method: METHOD

Prep Batch: HG220609-3
QCBatchID: HG220609-3-1
Run ID: HG220610-1A2
Cleanup: NONE
Basis: N/A
File Name: HG220610-1A1

Sample Aliquot: 0.6g
Final Volume: 100ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7439-97-6	MERCURY	0.167	0.18	0.0333		108	80 - 120%

Lab ID: HG220609-3LCSD

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 06/09/2022
Date Analyzed: 06/10/2022
Prep Method: METHOD

Prep Batch: HG220609-3
QCBatchID: HG220609-3-1
Run ID: HG220610-1A2
Cleanup: NONE
Basis: N/A
File Name: HG220610-1A1

Sample Aliquot: 0.6g
Final Volume: 100ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
7439-97-6	MERCURY	0.167	0.183	0.0333		110	20	2

Data Package ID: *HG2205638-1*

Prep Batch ID: HG220609-2

Start Date: 06/09/22
Start Time: 7:38
Prep Analyst: Haley L. Richards

End Date: 06/09/22
End Time: 18:00

Concentration Method: NONE
Extract Method: METHOD
Initial Volume Units: ml
Final Volume Units: ml

Batch Created By: HLR
Date Created: 06/09/22
Time Created: 7:38
Validated By: HLR
Date Validated: 06/09/22
Time Validated: 10:54

Comments:

QC Batch ID: HG220609-2-1

Lab ID	QC Type	Field ID	Matrix	Date Collected	Initial Wt/Vol	Final Wt/Vol	Cleanup Method	Cleanup DF	Order Number
HG220609-2	MB	XXXXXX	WATER	XXXXXX	20	20	NONE	1	2205638
HG220609-2	LCS	XXXXXX	WATER	XXXXXX	20	20	NONE	1	2205638
HG220609-2	LCSD	XXXXXX	WATER	XXXXXX	20	20	NONE	1	2205638
2205638-246	SMP	GS-FB01	WATER	5/16/2022	20	20	NONE	1	2205638
2205638-251	SMP	GS-RB01	WATER	5/16/2022	20	20	NONE	1	2205638
2205638-252	SMP	GS-RB02	WATER	5/17/2022	20	20	NONE	1	2205638
2205638-253	SMP	GS-RB03	WATER	5/18/2022	20	20	NONE	1	2205638
2205638-254	SMP	GS-RB04	WATER	5/19/2022	20	20	NONE	1	2205638

QC Types

CAR	Carrier reference sample	DLS	Detection Limit Standard	
DUP	Laboratory Duplicate	LCS	Laboratory Control Sample	
LCSD	Laboratory Control Sample Duplicate	LODV	Limit of Detection Verification	
LOQV	Limit of Quantitation Verification	MB	Method Blank	
MS	Laboratory Matrix Spike	MSD	Laboratory Matrix Spike Duplicate	
REP	Sample replicate	RVS	Reporting Level Verification Standar	
SMP	Field Sample	SYS	Sample Yield Spike	

Prep Batch ID: HG220609-3

Start Date: 06/09/22
Start Time: 8:53
Prep Analyst: Haley L. Richards
End Date: 06/09/22
End Time: 18:00
Concentration Method: NONE
Extract Method: METHOD
Initial Volume Units: g
Final Volume Units: ml
Batch Created By: HLR
Date Created: 06/09/22
Time Created: 8:53
Validated By: HLR
Date Validated: 06/09/22
Time Validated: 10:55

Comments:

QC Batch ID: HG220609-3-1

Lab ID	QC Type	Field ID	Matrix	Date Collected	Initial Wt/Vol	Final Wt/Vol	Cleanup Method	Cleanup DF	Order Number
HG220609-3	MB	XXXXXX	SOIL	XXXXXX	0.6	100	NONE	1	2205638
HG220609-3	LCS	XXXXXX	SOIL	XXXXXX	0.6	100	NONE	1	2205638
HG220609-3	LCSD	XXXXXX	SOIL	XXXXXX	0.6	100	NONE	1	2205638
2205638-114	SMP	GS-21D-00-06	SOIL	5/18/2022	0.611	100	NONE	1	2205638
2205638-127	SMP	GS-27D-00-06	SOIL	5/18/2022	0.605	100	NONE	1	2205638
2205638-163	SMP	GS-39A-00-06	SOIL	5/16/2022	0.607	100	NONE	1	2205638
2205638-192	SMP	GS-BG01-00-06	SOIL	5/17/2022	0.603	100	NONE	1	2205638
2205638-195	SMP	GS-BG02-00-06	SOIL	5/17/2022	0.601	100	NONE	1	2205638
2205638-198	SMP	GS-BG03-00-06	SOIL	5/17/2022	0.603	100	NONE	1	2205638
2205638-203	SMP	GS-CA02-00-06	SOIL	5/16/2022	0.605	100	NONE	1	2205638
2205638-242	SMP	GS-CA14-00-06	SOIL	5/19/2022	0.6	100	NONE	1	2205638
2205638-248	SMP	GS-HOUSE-00-06	SOIL	5/17/2022	0.609	100	NONE	1	2205638
2205638-249	SMP	GS-HOUSE-00-06-DUP	SOIL	5/17/2022	0.607	100	NONE	1	2205638
2205638-256	SMP	GS-VACANT-00-06	SOIL	5/17/2022	0.606	100	NONE	1	2205638
2205638-257	SMP	GS-VACANT-00-06-DUP	SOIL	5/17/2022	0.607	100	NONE	1	2205638
2205638-6	SMP	GS-01E-00-06	SOIL	5/19/2022	0.601	100	NONE	1	2205638
2205638-61	SMP	GS-09E-00-06	SOIL	5/19/2022	0.613	100	NONE	1	2205638
2205638-78	SMP	GS-13B-00-06	SOIL	5/18/2022	0.605	100	NONE	1	2205638
2205638-89	SMP	GS-14D-00-06	SOIL	5/18/2022	0.601	100	NONE	1	2205638

QC Types

CAR	Carrier reference sample		DLS	Detection Limit Standard	
DUP	Laboratory Duplicate		LCS	Laboratory Control Sample	
LCSD	Laboratory Control Sample Duplicate		LODV	Limit of Detection Verification	
LOQV	Limit of Quantitation Verification		MB	Method Blank	
MS	Laboratory Matrix Spike		MSD	Laboratory Matrix Spike Duplicate	
REP	Sample replicate		RVS	Reporting Level Verification Standar	
SMP	Field Sample		SYS	Sample Yield Spike	

MERCURY

Method SW7470

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Run ID: HG220609-1A2
Result Units: MG/L

Lab ID	Verification Type	Date Analyzed	Time Analyzed	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
ICV	Initial Calibration	6/9/2022	15:03	0.001	0.000930	0.0002	N/A	93	90 - 110
CCV1	Continuing Calibration	6/9/2022	15:33	0.002	0.00190	0.0002	N/A	95	80 - 120
CCV2	Continuing Calibration	6/9/2022	15:53	0.002	0.00194	0.0002	N/A	97	80 - 120
CCV3	Continuing Calibration	6/9/2022	16:18	0.002	0.00204	0.0002	N/A	102	80 - 120
CCV4	Continuing Calibration	6/9/2022	16:31	0.002	0.00221	0.0002	N/A	110	80 - 120

Data Package ID: *HG2205638-1*

MERCURY

Method SW7471

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Run ID: HG220610-1A2
Result Units: MG/L

Lab ID	Verification Type	Date Analyzed	Time Analyzed	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
ICV	Initial Calibration	6/10/2022	8:04	0.001	0.00102	0.0002	N/A	102	90 - 110
CCV1	Continuing Calibration	6/10/2022	8:36	0.002	0.00203	0.0002	N/A	101	80 - 120
CCV2	Continuing Calibration	6/10/2022	9:01	0.002	0.00212	0.0002	N/A	106	80 - 120
CCV3	Continuing Calibration	6/10/2022	9:09	0.002	0.00201	0.0002	N/A	100	80 - 120
CCV4	Continuing Calibration	6/10/2022	10:01	0.002	0.00205	0.0002	N/A	102	80 - 120

Data Package ID: *HG2205638-1*

MERCURY

Method SW7470

Calibration Blanks

Lab Name: **ALS -- Fort Collins**
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Run ID: HG220609-1A2
Result Units: MG/L

Lab ID	Verification Type	Date Analyzed	Time Analyzed	Result	Reporting Limit	Flag
ICB	Initial Calibration	6/9/2022	15:05	0.0000707	0.0002	U
CCB1	Continuing Calibration	6/9/2022	15:35	0.0000707	0.0002	U
CCB2	Continuing Calibration	6/9/2022	15:55	0.0000707	0.0002	U
CCB3	Continuing Calibration	6/9/2022	16:20	0.0000707	0.0002	U
CCB4	Continuing Calibration	6/9/2022	16:33	0.0000707	0.0002	U

Data Package ID: *HG2205638-1*

MERCURY

Method SW7471

Calibration Blanks

Lab Name: **ALS -- Fort Collins**
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Run ID: HG220610-1A2
Result Units: MG/L

Lab ID	Verification Type	Date Analyzed	Time Analyzed	Result	Reporting Limit	Flag
ICB	Initial Calibration	6/10/2022	8:06	0.0000707	0.0002	U
CCB1	Continuing Calibration	6/10/2022	8:39	0.0000707	0.0002	U
CCB2	Continuing Calibration	6/10/2022	9:05	0.0000707	0.0002	U
CCB3	Continuing Calibration	6/10/2022	9:12	0.0000707	0.0002	U
CCB4	Continuing Calibration	6/10/2022	10:04	-0.00009	0.0002	J

Data Package ID: *HG2205638-1*

Metals Linear Ranges

Lab Name: **ALS -- Fort Collins**
Work Order Number: 2205638
Client Name: Tetra Tech
ClientProject ID: Garner Street Soils/CO 103X903520F0071211205

Instrument ID: CETAC7600
Active Date: 03/25/2021
Expiration Date: 10/22/2025

CASNO	Target Analyte	Concentration (ppm)
7439-97-6	MERCURY	0.01

Mercury Run Log -- 6/9/2022

Instrument ID: CETAC7600
File Name: HG220609-1A1
AnalRunID: HG220609-1A1
CalibRefID: HG220609-1A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
		0		6/9/2022	14:43
		1		6/9/2022	14:45
		2		6/9/2022	14:47
		3		6/9/2022	14:49
		4		6/9/2022	14:52
		5		6/9/2022	14:54
		6		6/9/2022	14:58
		ICV	1	6/9/2022	15:03
		ICB	1	6/9/2022	15:05
		CRA1	1	6/9/2022	15:07
		EX220607-3MB	1	6/9/2022	15:09
		EX220608-3MB	1	6/9/2022	15:11
		HG220609-1LCS	1	6/9/2022	15:13
		HG220609-1LCSD	1	6/9/2022	15:15
		2206010-2	1	6/9/2022	15:17
		2206078-2	1	6/9/2022	15:31
		CCV1	1	6/9/2022	15:33
		CCB1	1	6/9/2022	15:35
		HG220609-2MB	1	6/9/2022	15:37
		HG220609-2LCS	1	6/9/2022	15:39
		HG220609-2LCSD	1	6/9/2022	15:41
	GS-FB01	2205638-246	1	6/9/2022	15:43
	GS-RB01	2205638-251	1	6/9/2022	15:45
	GS-RB02	2205638-252	1	6/9/2022	15:47
	GS-RB03	2205638-253	1	6/9/2022	15:49
	GS-RB04	2205638-254	1	6/9/2022	15:51
		CCV2	1	6/9/2022	15:53
		CCB2	1	6/9/2022	15:55
		2206066-1	1	6/9/2022	15:57
		2206066-2	1	6/9/2022	16:00
		2206066-3	1	6/9/2022	16:02
		2206066-4	1	6/9/2022	16:04
		2206066-5	1	6/9/2022	16:06
		2206066-6	1	6/9/2022	16:08
		2206066-7	1	6/9/2022	16:10

Data Package ID: HG2205638-1

Mercury Run Log -- 6/9/2022

Instrument ID: CETAC7600
File Name: HG220609-1A1
AnalRunID: HG220609-1A1
CalibRefID: HG220609-1A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
		2206066-9	1	6/9/2022	16:12
		2206066-10	1	6/9/2022	16:14
		2206066-11	1	6/9/2022	16:16
		CCV3	1	6/9/2022	16:18
		CCB3	1	6/9/2022	16:20
		2206066-12	1	6/9/2022	16:22
		2206066-13	1	6/9/2022	16:24
		2206066-14	1	6/9/2022	16:26
		2206066-15	1	6/9/2022	16:29
		CCV4	1	6/9/2022	16:31
		CCB4	1	6/9/2022	16:33

Data Package ID: HG2205638-1

Mercury Run Log -- 6/10/2022

Instrument ID: CETAC7600
File Name: HG220610-1A1
AnalRunID: HG220610-1A1
CalibRefID: HG220610-1A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
		0		6/10/2022	7:44
		1		6/10/2022	7:46
		2		6/10/2022	7:48
		3		6/10/2022	7:50
		4		6/10/2022	7:52
		5		6/10/2022	7:55
		6		6/10/2022	7:59
		ICV	1	6/10/2022	8:04
		ICB	1	6/10/2022	8:06
		CRA1	1	6/10/2022	8:08
		HG220609-3MB	1	6/10/2022	8:10
		HG220609-3LCS	1	6/10/2022	8:17
		HG220609-3LCSD	1	6/10/2022	8:19
	GS-01E-00-06	2205638-6	1	6/10/2022	8:21
	GS-09E-00-06	2205638-61	1	6/10/2022	8:23
	GS-13B-00-06	2205638-78	1	6/10/2022	8:25
	GS-14D-00-06	2205638-89	1	6/10/2022	8:28
	GS-21D-00-06	2205638-114	1	6/10/2022	8:30
	GS-27D-00-06	2205638-127	1	6/10/2022	8:32
	GS-39A-00-06	2205638-163	1	6/10/2022	8:34
		CCV1	1	6/10/2022	8:36
		CCB1	1	6/10/2022	8:39
	GS-BG01-00-06	2205638-192	1	6/10/2022	8:42
	GS-BG02-00-06	2205638-195	1	6/10/2022	8:44
	GS-BG03-00-06	2205638-198	1	6/10/2022	8:46
	GS-CA02-00-06	2205638-203	1	6/10/2022	8:48
	GS-CA14-00-06	2205638-242	1	6/10/2022	8:50
	GS-HOUSE-00-06	2205638-248	1	6/10/2022	8:53
	GS-HOUSE-00-06-DUP	2205638-249	1	6/10/2022	8:55
	GS-VACANT-00-06	2205638-256	1	6/10/2022	8:57
	GS-VACANT-00-06-DUP	2205638-257	1	6/10/2022	8:59
		CCV2	1	6/10/2022	9:01
		CCB2	1	6/10/2022	9:05
		2206078-1	10000	6/10/2022	9:07
		CCV3	1	6/10/2022	9:09

Data Package ID: HG2205638-1

ALS -- Fort Collins
LIMS Version: 7.033

Date Printed: Friday, June 17, 2022

Mercury Run Log -- 6/10/2022

Instrument ID: CETAC7600
File Name: HG220610-1A1
AnalRunID: HG220610-1A1
CalibRefID: HG220610-1A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
		CCB3	1	6/10/2022	9:12
		ZZZ	1	6/10/2022	9:39
		ZZZ	1	6/10/2022	9:41
		ZZZ	1	6/10/2022	9:43
		ZZZ	1	6/10/2022	9:46
		ZZZ	1	6/10/2022	9:51
		ZZZ	1	6/10/2022	9:54
		ZZZ	1	6/10/2022	9:58
		CCV4	1	6/10/2022	10:01
		CCB4	1	6/10/2022	10:04

Data Package ID: HG2205638-1

Raw Data

Header Information for Analytical Sequence 22F10m00

Instrument: Agilent ICPMS Model 7700X; Serial No. JP09400112
Software Revision: B.01.01
Date of Analysis: 06/10/2022
Analyst: Jill Latelle

Calibration Standards

High Calibration Standard: ST220215-1 (expires 7/31/2022)
This standard contains the following elements at the listed concentrations (ng/ml).

100,000 - Na
50,000 - Ca, K
10,000 - Mg
5,000 - Fe, Al
3,000 - Ti
2,000 - Zn
1,000 - B, Cu, Li
500 - Cr, Ni, Sn
200 - Mn
100 - V, Co, As, Se, Mo, Ba, Sr
50 - Pb, Be
30 - Sb, Cd, La, Ce, Pr, Nd
20 - Y
10 - Th, U, Ag
2 - Tl

1/10, 1/100, and 1/1000 dilutions of the High Calibration Standard are prepared daily to provide additional calibration standards.

ICV

The ICV is prepared by diluting 10ml of the 2nd Source intermediate (ST220420-8, expires 04/30/2023) to 50ml giving the following concentrations (ng/ml).

20,000 - Na
10,000 - Ca, K
2,000 - Mg
1,000 - Fe, Al
400 - Zn, Ti
200 - B, Cu, Li
100 - Cr, Ni, Sn
60 - Nd
40 - Mn
20 - V, Co, As, Se, Mo, Ba, Sr
10 - Pb, Be
6 - Sb, Cd, La, Ce, Pr, Nd
4 - Y
2 - Th, U, Ag
0.4 - Tl

LIV

The LIV is prepared by diluting 0.05ml of the Reporting Limit Verification Spike Solution (ST220214-6 expires 7/31/2022) to 50ml giving the following concentrations (ng/ml).

100 - Na, Ca, K
20 - Ti
15 - B
10 - Al, Fe, Mg, Zn
2 - Cu, Li, Ni
1 - Cr, Se, Sn
0.5 - Ba, Co, Mn, Sr, V
0.2 - As, Cd, Mo, Pb
0.1 - Sb
0.05 - Ag, Be, Ce, La, Nd, Pr, Y
0.02 - Th
0.01- U, Tl

ICSA

The ICSA is prepared by diluting 0.5ml of ICSA intermediate (ST220110-9, expires 7/2/2024) to a final volume of 50ml giving the following concentrations (ng/ml).

42,500,000 - Cl
30,000 - Ca
25,000 - Fe, Na
20,000 - C
10,000 - Al, K, Mg, P, S
200 - Mo, Ti

ICSAB

The ICSAB is prepared by diluting 0.5ml of ICSA intermediate (ST220110-9, expires 7/2/2024) and 5ml of High Calibration Standard: ST220215-1 (expires 7/31/2022) to a final volume of 50ml. The ICSAB contains the following elements at the listed concentrations (ng/ml).

42,500,000 - Cl
35,000 - Ca, Na
25,500 - Fe
20,000 - C
15,000 - K
11,000 - Mg
10,500 - Al
10,000 - P, S
400 - Ti
210 - Mo
200 - Zn
100 - B, Cu, Li
50 - Cr, Ni, Sn
20 - Mn
10 - V, Co, As, Se, Ba, Sr
5 - Pb, Be
3 - Sb, Cd, La, Ce, Pr, Nd
2 - Y
1 - Th, U, Ag
0.2 - Tl

CCV

The CCV is prepared by diluting 5ml of the High Calibration Standard: ST220215-1 (expires 7/31/2022) to a final volume of 50ml. The CCV contains the following elements at the listed concentrations (ng/ml).

10,000 - Na
5,000 - Ca, K
1,000 - Mg
500 - Fe, Al
300 - Ti
200 - Zn
100 - B, Cu, Li
50 - Cr, Ni, Sn
20 - Mn
10 - V, Co, As, Se, Mo, Ba, Sr
5 - Pb, Be
3 - Sb, Cd, La, Ce, Pr, Nd
2 - Y
1 - Th, U, Ag
0.2 - Tl

Linear Dynamic Range Standards

The LDR standard is prepared by diluting 1ml of the High Calibration Standard Intermediate Mix (ST220214-8, expires 7/31/2022) to a final volume of 10ml. The LDR standard contains the following elements at the listed concentrations (ng/ml).

100,000 - Mg
50,000 - Fe, Al
30,000 - Ti
20,000 - Zn
10,000 - B, Cu, Li
5,000 - Cr, Ni, Sn
2,000 - Mn
1,000 - V, Co, As, Se, Mo, Ba, Sr
500 - Pb, Be
300 - Sb, Cd, La, Ce, Pr, Nd
200 – Y, U
100 - Th, Ag
20 - Tl

LDR-Ca,Na,K

1000 Na

The 1000 Na standard is prepared by diluting 1ml of the 10000mg/L Na stock solution (ST200919-1, expires 12/31/26) to a final volume of 10ml. The 1000 Na standard contains Na at 1000000 ng/ml.

500 Ca

The 500 Ca standard is prepared by diluting 0.5ml of the 10000mg/L Ca stock solution (ST1910025-5, expires 07/31/26) to a final volume of 10ml. The 500 Ca standard contains Ca at 500000 ng/ml.

500 K

The 500 K standard is prepared by diluting 0.5ml of the 10000mg/L K stock solution (ST191002-7, expires 12/31/25) to a final volume of 10ml. The 500 K standard contains K at 500000 ng/ml.

Linear Dynamic Range

The instrument Linear Dynamic Range (LDR) is determined once every six months. The instrument LDR is given below (ng/ml).

1,000,000 - Na
500,000 - Ca, K
100,000 - Mg
50,000 - Fe, Al
30,000 - Ti
20,000 - Zn
10,000 - B, Cu, Li
5,000 - Cr, Ni, Sn
2,000 - Mn
1,000 - V, Co, As, Se, Mo, Ba, Sr
500 - Pb, Be
300 - Sb, Cd, La, Ce, Pr, Nd
200 - Y, U
100 - Th, Ag
20 - Tl

ICB/CCB and all diluent

1% HNO_3, 1%HCl in double deionized water

HNO_3 Lot No. 197345
HCl Lot No. 212747

Internal Standards

The internal standard intermediate contains 1 PPM each of Ga, Ge, Pt, In, Rh, Bi and Sc. This intermediate is added to all standards and samples in the same proportion by a peristaltic pump.

Ga - ST190204-3, expires 09/30/2024
Ge – ST210225-2, expires 07/07/2024
Pt - ST190118-3, expires 04/30/2025
In - ST190118-7, expires 10/19/2022
Rh – ST210225-3, expires 11/22/2023
Bi - ST190118-1, expires 04/30/2025
Sc – ST210225-4, expires 01/11/2024

Pipet ID Numbers

1.0 to 5.0 ml -- M-07
0.1 to 1.0ml -- M-61
0.01 to 0.1ml -- M-57

Dilutions

2X dilutions made by diluting 5ml of sample to 10ml final volume
5X dilutions made by diluting 1ml of sample to 5ml final volume
10X dilutions made by diluting 1ml of sample to 10ml final volume
50X dilutions made by diluting 0.1ml of sample to 5ml final volume
100X dilutions made by diluting 0.1ml of sample to 10ml final volume
200X dilutions made by diluting 0.05ml of sample to 10ml final volume
500X dilutions made by diluting 0.02ml of sample to 10ml final volume

Analytical Spikes

2206139-1A, 2205515-34A, 2205515-45A, 2205515-60A, 2205515-91A, 2205515-107A and 2205638-40A were post spiked by diluting the High Calibration Standard (ST220215-1, expires 7/31/2022) and the Cation Spike (ST220426-2, expires 06/30/2023) 500 fold then ten-fold dilution of the sample digestates.

Daily Maintenance Items

1. Check / change pump tubing
2. Check / clean drain containers
3. Tune instrument per manufacturer's procedures
4. Perform resolution / mass calibration / stability test and print QC tune report

Monthly Maintenance Items

1. Check / clean torch and cones
2. Check / clean nebulizer and spray chamber
3. Check / fill water recirculating reservoir
4. Check / fill vacuum pump oil

Additional Comments

No additional comments.

Batch Summary Report

Batch Folder: C:\ICPMH\1\DATA\22F10m00.B\
Analysis File: 22F10m00.batch.xml
Tune Step: #1 nogas.u
#2 hehe.u

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
1		6/10/2022 11:39:11	001CALB_22F10l00.D	RINSE	CalBlk	1	1.0000
2		6/10/2022 11:42:10	002CALB_22F10l00.D	RINSE	CalBlk	1	1.0000
3		6/10/2022 11:45:10	003CALB_22F10l00.D	RINSE	CalBlk	1	1.0000
4		6/10/2022 11:48:10	004CALB_22F10l00.D	BLANK	CalBlk	1	1.0000
5		6/10/2022 11:51:11	005CALS_22F10l00.D	H/1000	CalStd	2	1.0000
6		6/10/2022 11:57:07	006CALS_22F10l00.D	H/100	CalStd	3	1.0000
7		6/10/2022 12:03:01	007CALS_22F10l00.D	H/10	CalStd	4	1.0000
8		6/10/2022 12:08:53	008CALS_22F10l00.D	HIGH	CalStd	5	1.0000
9		6/10/2022 12:24:31	001SMPL.D	RINSE	Sample		1.0000
10		6/10/2022 12:27:29	002SMPL.D	ICV	6-ICV		1.0000
11		6/10/2022 12:33:20	003SMPL.D	ICB	6-CCB		1.0000
12		6/10/2022 12:36:21	004SMPL.D	LIV	RLCV		1.0000
13		6/10/2022 12:39:19	005SMPL.D	ICSA	6-ICSA		1.0000
14		6/10/2022 12:45:12	006SMPL.D	ICSAB	6-ICSAB		1.0000
15		6/10/2022 12:51:04	0076CCV.D	CCV	6-CCV		1.0000
16		6/10/2022 12:56:58	0086CCB.D	CCB	6-CCB		1.0000
17		6/10/2022 12:59:56	0096CCB.D	IP220609-4MB 10X	6-CCB		1.0000
18		6/10/2022 13:02:56	010_LCS.D	IM220609-4LCS 10X	6-LCS		1.0000
19		6/10/2022 13:08:48	011SMPL.D	2206139-1 10X	Sample		1.0000
20		6/10/2022 13:11:48	012SMPL.D	2206139-1L 50X	Sample		1.0000
21		6/10/2022 13:14:48	013SMPL.D	2206139-1MS 10X	Sample		1.0000
22		6/10/2022 13:17:39	014SMPL.D	2206139-1MSD 10X	Sample		1.0000
23		6/10/2022 13:20:32	015SMPL.D	2206139-1A 10X	Sample		1.0000
24		6/10/2022 13:26:21	0166CCV.D	CCV	6-CCV		1.0000
25		6/10/2022 13:32:14	0176CCB.D	CCB	6-CCB		1.0000
26		6/10/2022 13:35:13	0186CCB.D	IP220607-2MB 10X	6-CCB		1.0000
27		6/10/2022 13:38:14	019_LCS.D	IM220607-2LCS 10X	6-LCS		1.0000

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
28		6/10/2022 13:44:08	020SMPL.D	2205515-21 10X	Sample		1.0000
29		6/10/2022 13:47:07	021SMPL.D	2205515-22 10X	Sample		1.0000
30		6/10/2022 13:50:05	022SMPL.D	2205515-23 10X	Sample		1.0000
31		6/10/2022 13:53:02	023SMPL.D	2205515-24 10X	Sample		1.0000
32		6/10/2022 13:56:00	024SMPL.D	2205515-25 10X	Sample		1.0000
33		6/10/2022 13:58:55	025SMPL.D	2205515-26 10X	Sample		1.0000
34		6/10/2022 14:01:53	026SMPL.D	2205515-27 10X	Sample		1.0000
35		6/10/2022 14:04:49	027SMPL.D	2205515-28 10X	Sample		1.0000
36		6/10/2022 14:10:43	0286CCV.D	CCV	6-CCV		1.0000
37		6/10/2022 14:16:37	0296CCB.D	CCB	6-CCB		1.0000
38		6/10/2022 14:19:36	030SMPL.D	2205515-29 10X	Sample		1.0000
39		6/10/2022 14:22:35	031SMPL.D	2205515-30 10X	Sample		1.0000
40		6/10/2022 14:25:34	032SMPL.D	2205515-31 10X	Sample		1.0000
41		6/10/2022 14:28:32	033SMPL.D	2205515-32 10X	Sample		1.0000
42		6/10/2022 14:31:31	034SMPL.D	2205515-33 10X	Sample		1.0000
43		6/10/2022 14:34:29	035SMPL.D	2205515-34 10X	Sample		1.0000
44		6/10/2022 14:37:27	036SMPL.D	2205515-34L 50X	Sample		1.0000
45		6/10/2022 14:40:25	037SMPL.D	2205515-34MS 10X	Sample		1.0000
46		6/10/2022 14:43:17	038SMPL.D	2205515-34MSD 10X	Sample		1.0000
47		6/10/2022 14:46:11	039SMPL.D	2205515-34A 10X	Sample		1.0000
48		6/10/2022 14:52:01	0406CCV.D	CCV	6-CCV		1.0000
49		6/10/2022 14:57:56	0416CCB.D	CCB	6-CCB		1.0000
50		6/10/2022 15:00:55	042SMPL.D	2205515-35 10X	Sample		1.0000
51		6/10/2022 15:03:51	043SMPL.D	2205515-36 10X	Sample		1.0000
52		6/10/2022 15:06:49	044SMPL.D	2205515-37 10X	Sample		1.0000
53		6/10/2022 15:09:46	045SMPL.D	2205515-38 10X	Sample		1.0000
54		6/10/2022 15:12:42	046SMPL.D	2205515-39 10X	Sample		1.0000
55		6/10/2022 15:15:39	047SMPL.D	2205515-40 10X	Sample		1.0000
56		6/10/2022 15:21:33	0486CCV.D	CCV	6-CCV		1.0000
57		6/10/2022 15:27:26	0496CCB.D	CCB	6-CCB		1.0000
58		6/10/2022 15:30:25	0506CCB.D	IP220607-4MB 10X	6-CCB		1.0000
59		6/10/2022 15:33:24	051_LCS.D	IM220607-4LCS 10X	6-LCS		1.0000
60		6/10/2022 15:39:20	052SMPL.D	2205515-41 10X	Sample		1.0000

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
61		6/10/2022 15:42:17	053SMPL.D	2205515-42 10X	Sample		1.0000
62		6/10/2022 15:45:14	054SMPL.D	2205515-43 10X	Sample		1.0000
63		6/10/2022 15:48:11	055SMPL.D	2205515-44 10X	Sample		1.0000
64		6/10/2022 15:51:08	056SMPL.D	2205515-45 10X	Sample		1.0000
65		6/10/2022 15:54:05	057SMPL.D	2205515-45L 50X	Sample		1.0000
66		6/10/2022 15:57:03	058SMPL.D	2205515-45MS 10X	Sample		1.0000
67		6/10/2022 15:59:57	059SMPL.D	2205515-45MSD 10X	Sample		1.0000
68		6/10/2022 16:05:47	0606CCV.D	CCV	6-CCV		1.0000
69		6/10/2022 16:11:40	0616CCB.D	CCB	6-CCB		1.0000
70		6/10/2022 16:14:39	062SMPL.D	2205515-45A 10X	Sample		1.0000
71		6/10/2022 16:20:30	063SMPL.D	2205515-46 10X	Sample		1.0000
72		6/10/2022 16:23:28	064SMPL.D	2205515-47 10X	Sample		1.0000
73		6/10/2022 16:26:25	065SMPL.D	2205515-48 10X	Sample		1.0000
74		6/10/2022 16:29:24	066SMPL.D	2205515-49 10X	Sample		1.0000
75		6/10/2022 16:32:20	067SMPL.D	2205515-50 10X	Sample		1.0000
76		6/10/2022 16:35:16	068SMPL.D	2205515-51 10X	Sample		1.0000
77		6/10/2022 16:38:14	069SMPL.D	2205515-52 10X	Sample		1.0000
78		6/10/2022 16:41:11	070SMPL.D	2205515-53 10X	Sample		1.0000
79		6/10/2022 16:44:11	071SMPL.D	2205515-54 10X	Sample		1.0000
80		6/10/2022 16:50:05	0726CCV.D	CCV	6-CCV		1.0000
81		6/10/2022 16:55:58	0736CCB.D	CCB	6-CCB		1.0000
82		6/10/2022 16:58:57	074SMPL.D	2205515-55 10X	Sample		1.0000
83		6/10/2022 17:01:55	075SMPL.D	2205515-56 10X	Sample		1.0000
84		6/10/2022 17:04:53	076SMPL.D	2205515-57 10X	Sample		1.0000
85		6/10/2022 17:07:51	077SMPL.D	2205515-58 10X	Sample		1.0000
86		6/10/2022 17:10:49	078SMPL.D	2205515-59 10X	Sample		1.0000
87		6/10/2022 17:13:46	079SMPL.D	2205515-60 10X	Sample		1.0000
88		6/10/2022 17:16:44	080SMPL.D	2205515-60L 50X	Sample		1.0000
89		6/10/2022 17:19:42	081SMPL.D	2205515-60MS 10X	Sample		1.0000
90		6/10/2022 17:22:35	082SMPL.D	2205515-60MSD 10X	Sample		1.0000
91		6/10/2022 17:25:28	083SMPL.D	2205515-60A 10X	Sample		1.0000
92	On	6/10/2022 17:31:17	0846CCV.D	ZZZ	6-CCV		1.0000
93	On	6/10/2022 17:37:10	0856CCB.D	ZZZ	6-CCB		1.0000

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
94		6/10/2022 17:40:11	0866CCV.D	CCV	6-CCV		1.0000
95		6/10/2022 17:46:04	0876CCB.D	CCB	6-CCB		1.0000
96		6/10/2022 17:49:04	0886CCB.D	IP220608-1MB 10X	6-CCB		1.0000
97		6/10/2022 17:52:03	089_LCS.D	IM220608-1LCS 10X	6-LCS		1.0000
98		6/10/2022 17:57:58	090_LCS.D	IM220608-1LCSD 10X	6-LCS		1.0000
99		6/10/2022 18:03:52	091SMPL.D	2205515-61 10X	Sample		1.0000
100		6/10/2022 18:06:50	092SMPL.D	2205515-62 10X	Sample		1.0000
101		6/10/2022 18:09:46	093SMPL.D	2205515-63 10X	Sample		1.0000
102		6/10/2022 18:12:44	094SMPL.D	2205515-64 10X	Sample		1.0000
103		6/10/2022 18:15:43	095SMPL.D	2205515-65 10X	Sample		1.0000
104		6/10/2022 18:18:41	096SMPL.D	2205515-66 10X	Sample		1.0000
105		6/10/2022 18:21:40	097SMPL.D	2205515-67 10X	Sample		1.0000
106		6/10/2022 18:27:35	0986CCV.D	CCV	6-CCV		1.0000
107		6/10/2022 18:33:29	0996CCB.D	CCB	6-CCB		1.0000
108		6/10/2022 18:36:30	100SMPL.D	2205515-68 10X	Sample		1.0000
109		6/10/2022 18:39:27	101SMPL.D	2205515-69 10X	Sample		1.0000
110		6/10/2022 18:42:25	102SMPL.D	2205515-70 10X	Sample		1.0000
111		6/10/2022 18:45:23	103SMPL.D	2205515-71 10X	Sample		1.0000
112		6/10/2022 18:48:21	104SMPL.D	2205515-72 10X	Sample		1.0000
113		6/10/2022 18:51:18	105SMPL.D	2205515-73 10X	Sample		1.0000
114		6/10/2022 18:54:16	106SMPL.D	2205515-74 10X	Sample		1.0000
115		6/10/2022 18:57:15	107SMPL.D	2205515-75 10X	Sample		1.0000
116		6/10/2022 19:00:13	108SMPL.D	2205515-76 10X	Sample		1.0000
117		6/10/2022 19:03:10	109SMPL.D	2205515-77 10X	Sample		1.0000
118		6/10/2022 19:09:04	1106CCV.D	CCV	6-CCV		1.0000
119		6/10/2022 19:14:58	1116CCB.D	CCB	6-CCB		1.0000
120		6/10/2022 19:17:59	112SMPL.D	2205515-78 10X	Sample		1.0000
121		6/10/2022 19:20:56	113SMPL.D	2205515-79 10X	Sample		1.0000
122		6/10/2022 19:23:54	114SMPL.D	2205515-80 10X	Sample		1.0000
123		6/10/2022 19:29:47	1156CCV.D	CCV	6-CCV		1.0000
124		6/10/2022 19:35:41	1166CCB.D	CCB	6-CCB		1.0000
125		6/10/2022 19:38:41	1176CCB.D	IP220608-2MB 10X	6-CCB		1.0000
126		6/10/2022 19:41:40	118_LCS.D	IM220608-2LCS 10X	6-LCS		1.0000

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
127		6/10/2022 19:47:34	119SMPL.D	2205515-81 10X	Sample		1.0000
128		6/10/2022 19:50:34	120SMPL.D	2205515-82 10X	Sample		1.0000
129		6/10/2022 19:53:31	121SMPL.D	2205515-83 10X	Sample		1.0000
130		6/10/2022 19:56:30	122SMPL.D	2205515-84 10X	Sample		1.0000
131		6/10/2022 19:59:28	123SMPL.D	2205515-85 10X	Sample		1.0000
132		6/10/2022 20:02:26	124SMPL.D	2205515-86 10X	Sample		1.0000
133		6/10/2022 20:05:23	125SMPL.D	2205515-87 10X	Sample		1.0000
134		6/10/2022 20:08:21	126SMPL.D	2205515-88 10X	Sample		1.0000
135		6/10/2022 20:14:14	1276CCV.D	CCV	6-CCV		1.0000
136		6/10/2022 20:20:08	1286CCB.D	CCB	6-CCB		1.0000
137		6/10/2022 20:23:08	129SMPL.D	2205515-89 10X	Sample		1.0000
138		6/10/2022 20:26:07	130SMPL.D	2205515-90 10X	Sample		1.0000
139		6/10/2022 20:29:04	131SMPL.D	2205515-91 10X	Sample		1.0000
140		6/10/2022 20:32:03	132SMPL.D	2205515-91L 50X	Sample		1.0000
141		6/10/2022 20:35:03	133SMPL.D	2205515-91MS 10X	Sample		1.0000
142		6/10/2022 20:38:00	134SMPL.D	2205515-91MSD 10X	Sample		1.0000
143		6/10/2022 20:40:55	135SMPL.D	2205515-91A 10X	Sample		1.0000
144		6/10/2022 20:46:46	136SMPL.D	2205515-92 10X	Sample		1.0000
145		6/10/2022 20:49:43	137SMPL.D	2205515-93 10X	Sample		1.0000
146		6/10/2022 20:52:42	138SMPL.D	2205515-94 10X	Sample		1.0000
147		6/10/2022 20:58:35	1396CCV.D	CCV	6-CCV		1.0000
148		6/10/2022 21:04:29	1406CCB.D	CCB	6-CCB		1.0000
149		6/10/2022 21:07:28	141SMPL.D	2205515-95 10X	Sample		1.0000
150		6/10/2022 21:10:26	142SMPL.D	2205515-96 10X	Sample		1.0000
151		6/10/2022 21:13:24	143SMPL.D	2205515-97 10X	Sample		1.0000
152		6/10/2022 21:16:21	144SMPL.D	2205515-98 10X	Sample		1.0000
153		6/10/2022 21:19:18	145SMPL.D	2205515-99 10X	Sample		1.0000
154		6/10/2022 21:22:15	146SMPL.D	2205515-100 10X	Sample		1.0000
155		6/10/2022 21:28:09	1476CCV.D	CCV	6-CCV		1.0000
156		6/10/2022 21:34:03	1486CCB.D	CCB	6-CCB		1.0000
157		6/10/2022 21:37:02	1496CCB.D	IP220608-6MB 10X	6-CCB		1.0000
158		6/10/2022 21:40:02	150_LCS.D	IM220608-6LCS 10X	6-LCS		1.0000
159		6/10/2022 21:45:57	151SMPL.D	2205515-101 10X	Sample		1.0000

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
160		6/10/2022 21:48:54	152SMPL.D	2205515-102 10X	Sample		1.0000
161		6/10/2022 21:51:52	153SMPL.D	2205515-103 10X	Sample		1.0000
162		6/10/2022 21:54:49	154SMPL.D	2205515-104 10X	Sample		1.0000
163		6/10/2022 21:57:46	155SMPL.D	2205515-105 10X	Sample		1.0000
164		6/10/2022 22:00:44	156SMPL.D	2205515-106 10X	Sample		1.0000
165		6/10/2022 22:03:44	157SMPL.D	2205515-107 10X	Sample		1.0000
166		6/10/2022 22:06:43	158SMPL.D	2205515-107L 50X	Sample		1.0000
167		6/10/2022 22:12:40	1596CCV.D	CCV	6-CCV		1.0000
168		6/10/2022 22:18:34	1606CCB.D	CCB	6-CCB		1.0000
169		6/10/2022 22:21:34	161SMPL.D	2205515-107MS 10X	Sample		1.0000
170		6/10/2022 22:24:29	162SMPL.D	2205515-107MSD 10X	Sample		1.0000
171		6/10/2022 22:27:25	163SMPL.D	2205515-107A 10X	Sample		1.0000
172		6/10/2022 22:33:17	164SMPL.D	2205515-108 10X	Sample		1.0000
173		6/10/2022 22:39:11	1656CCV.D	CCV	6-CCV		1.0000
174		6/10/2022 22:45:05	1666CCB.D	CCB	6-CCB		1.0000
175		6/10/2022 22:48:05	167_LCS.D	IP220609-2MB 10X	6-CCB		1.0000
176		6/10/2022 22:51:06	168_LCS.D	IM220609-2LCS 10X	6-LCS		1.0000
177		6/10/2022 22:57:00	169SMPL.D	IM220609-2LCSD 10X	Sample		1.0000
178		6/10/2022 23:02:55	170SMPL.D	2205515-109 10X	Sample		1.0000
179		6/10/2022 23:05:56	171SMPL.D	2205515-110 10X	Sample		1.0000
180		6/10/2022 23:08:57	172SMPL.D	2205515-111 10X	Sample		1.0000
181		6/10/2022 23:14:52	1736CCV.D	CCV	6-CCV		1.0000
182		6/10/2022 23:20:45	1746CCB.D	CCB	6-CCB		1.0000
183		6/10/2022 23:23:45	175SMPL.D	2205638-246 10X	Sample		1.0000
184		6/10/2022 23:26:45	176SMPL.D	2205638-251 10X	Sample		1.0000
185		6/10/2022 23:29:46	177SMPL.D	2205638-252 10X	Sample		1.0000
186		6/10/2022 23:32:46	178SMPL.D	2205638-253 10X	Sample		1.0000
187		6/10/2022 23:35:46	179SMPL.D	2205638-254 10X	Sample		1.0000
188		6/10/2022 23:41:42	1806CCV.D	CCV	6-CCV		1.0000
189		6/10/2022 23:47:36	1816CCB.D	CCB	6-CCB		1.0000
190		6/10/2022 23:50:36	1826CCB.D	IP220610-1MB 10X	6-CCB		1.0000
191		6/10/2022 23:53:37	183_LCS.D	IM220610-1LCS 10X	6-LCS		1.0000
192		6/10/2022 23:59:31	184_LCS.D	IM220610-1LCSD 10X	6-LCS		1.0000

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
193		6/11/2022 00:05:26	185SMPL.D	2205638-1 10X	Sample		1.0000
194		6/11/2022 00:08:22	186SMPL.D	2205638-2 10X	Sample		1.0000
195		6/11/2022 00:11:20	187SMPL.D	2205638-3 10X	Sample		1.0000
196		6/11/2022 00:14:15	188SMPL.D	2205638-4 10X	Sample		1.0000
197		6/11/2022 00:17:11	189SMPL.D	2205638-5 10X	Sample		1.0000
198		6/11/2022 00:20:07	190SMPL.D	2205638-7 10X	Sample		1.0000
199		6/11/2022 00:23:03	191SMPL.D	2205638-8 10X	Sample		1.0000
200		6/11/2022 00:28:55	1926CCV.D	CCV	6-CCV		1.0000
201		6/11/2022 00:34:50	1936CCB.D	CCB	6-CCB		1.0000
202		6/11/2022 00:37:52	194SMPL.D	2205638-9 10X	Sample		1.0000
203		6/11/2022 00:40:50	195SMPL.D	2205638-10 10X	Sample		1.0000
204		6/11/2022 00:43:45	196SMPL.D	2205638-11 10X	Sample		1.0000
205		6/11/2022 00:46:41	197SMPL.D	2205638-12 10X	Sample		1.0000
206		6/11/2022 00:49:37	198SMPL.D	2205638-13 10X	Sample		1.0000
207		6/11/2022 00:52:32	199SMPL.D	2205638-14 10X	Sample		1.0000
208		6/11/2022 00:55:29	200SMPL.D	2205638-15 10X	Sample		1.0000
209		6/11/2022 00:58:24	201SMPL.D	2205638-16 10X	Sample		1.0000
210		6/11/2022 01:01:20	202SMPL.D	2205638-17 10X	Sample		1.0000
211		6/11/2022 01:07:09	2036CCV.D	CCV	6-CCV		1.0000
212		6/11/2022 01:13:03	2046CCB.D	CCB	6-CCB		1.0000
213		6/11/2022 01:16:03	205SMPL.D	2205638-18 10X	Sample		1.0000
214		6/11/2022 01:19:00	206SMPL.D	2205638-19 10X	Sample		1.0000
215		6/11/2022 01:21:56	207SMPL.D	2205638-20 10X	Sample		1.0000
216		6/11/2022 01:24:51	208SMPL.D	2205638-21 10X	Sample		1.0000
217		6/11/2022 01:30:42	2096CCV.D	CCV	6-CCV		1.0000
218		6/11/2022 01:36:35	2106CCB.D	CCB	6-CCB		1.0000
219		6/11/2022 01:39:36	2116CCB.D	IP220610-2MB 10X	6-CCB		1.0000
220		6/11/2022 01:42:37	212_LCS.D	IM220610-2LCS 10X	6-LCS		1.0000
221		6/11/2022 01:48:31	213SMPL.D	2205638-22 10X	Sample		1.0000
222		6/11/2022 01:51:26	214SMPL.D	2205638-23 10X	Sample		1.0000
223		6/11/2022 01:54:21	215SMPL.D	2205638-24 10X	Sample		1.0000
224		6/11/2022 01:57:17	216SMPL.D	2205638-25 10X	Sample		1.0000
225		6/11/2022 02:00:15	217SMPL.D	2205638-26 10X	Sample		1.0000

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
226		6/11/2022 02:03:11	218SMPL.D	2205638-27 10X	Sample		1.0000
227		6/11/2022 02:06:09	219SMPL.D	2205638-28 10X	Sample		1.0000
228		6/11/2022 02:09:06	220SMPL.D	2205638-29 10X	Sample		1.0000
229		6/11/2022 02:14:57	2216CCV.D	CCV	6-CCV		1.0000
230		6/11/2022 02:20:50	2226CCB.D	CCB	6-CCB		1.0000
231		6/11/2022 02:23:50	223SMPL.D	2205638-30 10X	Sample		1.0000
232		6/11/2022 02:26:44	224SMPL.D	2205638-31 10X	Sample		1.0000
233		6/11/2022 02:29:39	225SMPL.D	2205638-32 10X	Sample		1.0000
234		6/11/2022 02:32:36	226SMPL.D	2205638-33 10X	Sample		1.0000
235		6/11/2022 02:35:30	227SMPL.D	2205638-34 10X	Sample		1.0000
236		6/11/2022 02:38:27	228SMPL.D	2205638-35 10X	Sample		1.0000
237		6/11/2022 02:41:23	229SMPL.D	2205638-36 10X	Sample		1.0000
238		6/11/2022 02:44:19	230SMPL.D	2205638-37 10X	Sample		1.0000
239		6/11/2022 02:47:13	231SMPL.D	2205638-38 10X	Sample		1.0000
240		6/11/2022 02:50:10	232SMPL.D	2205638-39 10X	Sample		1.0000
241		6/11/2022 02:56:03	2336CCV.D	CCV	6-CCV		1.0000
242		6/11/2022 03:01:57	2346CCB.D	CCB	6-CCB		1.0000
243		6/11/2022 03:04:57	235SMPL.D	2205638-40 10X	Sample		1.0000
244		6/11/2022 03:07:50	236SMPL.D	2205638-40L 50X	Sample		1.0000
245		6/11/2022 03:10:47	237SMPL.D	2205638-40MS 10X	Sample		1.0000
246		6/11/2022 03:13:36	238SMPL.D	2205638-40MSD 10X	Sample		1.0000
247		6/11/2022 03:16:27	239SMPL.D	2205638-40A 10X	Sample		1.0000
248		6/11/2022 03:22:14	2406CCV.D	CCV	6-CCV		1.0000
249		6/11/2022 03:28:08	2416CCB.D	CCB	6-CCB		1.0000
250		6/11/2022 03:31:07	242SMPL.D	RINSE	Sample		1.0000
251		6/11/2022 03:34:06	243SMPL.D	RINSE	Sample		1.0000
252		6/11/2022 03:37:05	244SMPL.D	RINSE	Sample		1.0000

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0141	3201.66	0.0003	37.33	0.2157	14799.91	1.4087	9549.82	0.7103	146.67
2	RINSE	0.0116	2903.60	0.0000	30.00	0.2148	14603.09	1.1385	9339.65	0.3871	103.34
3	RINSE	0.0146	3007.62	0.0005	39.33	0.2497	14450.70	0.7493	9089.54	0.4367	110.01
4	BLANK	0.0000	1793.44	0.0000	30.00	0.0000	10565.61	0.0000	8315.74	0.0000	53.33
5	H/1000	0.9492	85895.21	0.0503	1330.06	1.0985	31504.78	111.6497	101521.43	10.8668	1490.15
6	H/100	9.7038	874245.00	0.4995	13177.15	9.7912	201588.62	1025.7830	881122.85	100.7225	13749.46
7	H/10	103.7569	9220481.67	5.1274	131713.40	109.5127	2094950.54	10682.5081	8935020.28	993.9123	130772.40
8	HIGH	999.6273	84190232.00	49.9873	1267539.96	999.0507	18782796.47	99931.4797	81008405.46	10000.6007	1237055.37
9	RINSE	0.0902	9872.92	-0.0004	19.33	0.5256	20206.53	1.9070	9903.33	0.2886	90.00
10	ICV	208.5616	17884964.00	9.7507	248468.29	215.7949	4084804.70	21399.3671	17370243.07	1908.7030	244004.21
11	ICB	0.0639	6954.14	-0.0005	15.33	0.6058	20311.11	0.4026	8249.09	-0.2201	23.33
12	LIV	1.9802	170385.54	0.0483	1244.06	15.5621	299982.78	106.9711	95583.62	10.7888	1453.45
13	ICSA	0.1065	10896.89	0.0001	30.67	0.9713	27595.78	25951.3263	20679304.69	9421.1562	1167769.02
14	ICSAB	98.6280	8515081.33	4.7665	119041.90	104.9027	1950666.66	35958.0983	28920950.40	10607.8387	1320022.93
15	CCV	98.5661	9129164.33	4.7770	129108.37	104.0929	2095057.00	10340.2733	9081960.49	978.8588	133278.07
16	CCB	0.0416	5506.27	-0.0008	8.00	0.2397	15209.14	0.8364	9146.25	-0.0011	53.33
17	IP220609-4MB ...	0.0478	6083.14	-0.0006	13.33	0.1628	13548.84	1.4741	9559.83	0.7054	146.68
18	IM220609-4LCS...	100.0843	9003538.67	4.8555	128145.37	200.8889	3936932.76	1002.5225	858379.68	919.2798	122594.18
19	2206139-1 10X	6.3585	552122.25	0.3537	9111.81	6.7595	139056.21	538.4765	460009.27	7377.5420	979755.33
20	2206139-1L 50X	1.2832	116169.67	0.0726	1912.12	1.6168	41621.90	109.0057	100240.70	1488.9179	199438.50
21	2206139-1MS 10X	105.4425	9284658.67	4.9835	130236.18	154.6153	3002884.60	1610.2098	1358536.80	8831.4149	1189540.84
22	2206139-1MSD ...	105.5062	9258600.67	5.0517	132404.48	159.2441	3101252.52	1611.1047	1372515.55	9123.4354	1218195.71
23	2206139-1A 10X	128.6118	11430823.33	4.9810	132183.80	116.0855	2292670.26	2664.1213	2290691.06	10249.3848	1386449.67
24	CCV	101.1990	9166918.67	4.8542	129701.51	105.5939	2100841.45	10560.8691	8927265.08	977.5201	130215.42
25	CCB	0.0514	6369.24	-0.0005	16.67	0.3560	17493.53	0.3029	8575.89	-0.0999	40.00
26	IP220607-2MB ...	0.0657	7404.32	-0.0007	12.00	0.3425	16245.63	1.9805	9656.51	0.5456	120.00
27	IM220607-2LCS...	100.5822	9177030.67	4.8675	130007.03	203.8142	4042515.67	1013.3863	868840.48	929.9600	125025.00
28	2205515-21 10X	2.6491	243287.37	0.3679	9919.60	1.5916	42580.80	38.8644	42204.35	806.6924	112113.41
29	2205515-22 10X	2.8654	267538.59	0.3760	10272.50	1.3202	37676.27	34.1523	39140.32	859.4049	121805.60
30	2205515-23 10X	2.9494	280801.33	0.3846	10732.77	1.4025	40179.56	33.5860	38856.33	923.3057	132226.83
31	2205515-24 10X	2.8073	264474.80	0.3922	10730.74	1.3664	38680.54	35.3828	40112.70	906.8743	127737.15

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2205515-25 10X	2.8952	264283.48	0.3899	10569.34	1.3459	37902.25	36.4131	40266.33	889.5137	123074.83
33	2205515-26 10X	2.8080	259432.35	0.3750	10061.02	1.1991	34581.86	33.1994	37673.53	868.7929	120566.80
34	2205515-27 10X	3.4515	315736.42	0.4013	10862.17	1.2223	35401.47	35.1075	39303.92	1080.2693	150353.90
35	2205515-28 10X	3.1023	289875.08	0.3907	10818.81	1.2094	35926.81	37.9001	41539.50	968.2593	134663.25
36	CCV	100.2104	8880949.00	4.7768	124680.02	103.5796	2014095.13	10154.4906	8594457.37	964.8718	127124.88
37	CCB	0.0280	4297.91	-0.0005	17.33	0.1581	13465.42	0.0072	8182.40	-0.0458	46.67
38	2205515-29 10X	3.2535	307078.89	0.4228	11690.05	1.4098	39970.23	41.0211	44393.46	1029.4663	144531.20
39	2205515-30 10X	3.5098	327087.15	0.4624	12684.09	1.3845	39163.88	35.2737	39240.64	1033.5902	144412.05
40	2205515-31 10X	2.7422	257028.44	0.3884	10547.97	1.3202	37458.89	52.2535	53533.85	936.8344	128203.62
41	2205515-32 10X	3.3094	298171.51	0.4454	11778.77	1.5647	41273.32	36.6164	39952.29	1025.0024	139779.92
42	2205515-33 10X	2.9337	267907.98	0.3891	10319.84	1.4592	39321.97	30.3941	34109.28	967.9395	130983.68
43	2205515-34 10X	3.1178	280362.13	0.4200	11031.62	1.1575	33080.01	36.8661	39444.10	950.8757	127081.71
44	2205515-34L 50X	0.6484	58854.63	0.0846	2192.16	0.1803	13756.83	5.7791	13078.95	191.5552	25590.46
45	2205515-34MS ...	101.2457	9072754.00	5.0749	135317.77	164.7663	3265196.61	1023.6943	878999.44	1884.4426	255820.74
46	2205515-34MSD...	102.0337	9080598.33	5.2082	135336.00	178.2197	3439615.76	1024.1893	871452.93	1929.6550	258341.40
47	2205515-34A 10X	124.2855	10731549.67	5.0594	128849.42	113.0127	2141341.86	2116.7876	1758250.29	3592.6139	474563.03
48	CCV	98.3591	8463505.00	4.7629	119361.47	104.0183	1941624.51	10206.9993	8399826.54	957.5697	123619.44
49	CCB	0.0444	5376.22	-0.0005	14.67	0.3670	16250.10	-0.3234	7455.31	-0.1590	30.00
50	2205515-35 10X	6.4296	575045.37	0.4887	12868.24	1.8721	47080.46	58.9338	57346.16	2366.0782	316345.34
51	2205515-36 10X	3.3170	295678.70	0.4574	11934.89	1.3823	37196.23	34.9041	37626.76	1091.4541	146968.39
52	2205515-37 10X	4.9911	439752.79	0.5429	14015.13	1.3591	36393.36	22.5283	26999.33	1328.1116	177982.23
53	2205515-38 10X	5.0879	461240.53	0.5971	15754.65	1.6429	42736.81	31.0448	34794.06	1723.0075	234828.66
54	2205515-39 10X	5.3378	496192.56	0.6274	17212.05	1.4497	40526.00	27.6979	32913.37	1884.4022	262749.08
55	2205515-40 10X	5.2108	481165.67	0.6964	18925.85	1.1650	34393.66	27.4684	32636.09	1806.4623	254623.79
56	CCV	96.2987	8646876.33	4.6629	121714.01	101.5689	1974059.30	10211.5937	8298386.33	957.8575	121673.28
57	CCB	0.0282	4127.87	-0.0009	6.00	0.1617	12992.83	-0.1964	7842.16	-0.0136	50.00
58	IP220607-4MB ...	0.0327	4684.02	-0.0008	10.00	0.0640	11668.56	0.0307	8249.02	0.3606	100.00
59	IM220607-4LCS...	97.4254	8617773.67	4.7764	122784.23	197.7927	3777762.77	986.1028	813624.05	895.3809	114874.31
60	2205515-41 10X	5.6017	506213.89	0.7676	20804.03	1.5743	42541.90	31.5311	35315.03	1920.5026	264069.48
61	2205515-42 10X	7.4743	675538.71	0.7117	19413.06	1.6632	44608.52	53.7272	54503.44	3114.7891	432024.38
62	2205515-43 10X	4.8959	436689.86	0.5341	14234.65	1.3091	36579.44	24.5532	29527.15	1451.9257	199850.80

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	2205515-44 10X	4.8600	449628.20	0.5009	13603.47	2.0477	52081.50	30.1844	34406.64	1803.4690	248288.82
64	2205515-45 10X	5.9375	525981.87	0.5273	13687.55	1.9958	48794.23	39.9531	41626.45	2079.7244	277678.15
65	2205515-45L 50X	2.0985	179707.33	0.1086	2720.90	0.4475	18235.45	8.5370	14893.83	439.6367	57121.50
66	2205515-45MS ...	102.6367	8822657.00	5.0821	130836.31	125.1605	2396844.14	978.6148	806968.77	3024.5790	399973.81
67	2205515-45MSD...	103.1517	8708677.00	5.1028	128637.49	134.9221	2528921.29	981.7114	806245.48	3030.3304	399084.45
68	CCV	95.9180	8193457.33	4.7256	116323.91	102.7395	1883556.66	10186.8801	8042077.38	934.4487	116824.56
69	CCB	0.0388	4785.37	-0.0006	12.00	0.2896	14452.90	-0.8891	6788.36	0.1258	63.33
70	2205515-45A 10X	126.6022	10789849.00	5.1592	129845.33	102.1616	1914438.47	2102.3979	1712361.80	4695.3872	611997.36
71	2205515-46 10X	5.1467	459204.16	0.4603	12102.33	1.9560	48641.48	27.1892	31103.42	1835.5609	249956.60
72	2205515-47 10X	6.3694	569772.11	0.9061	24121.68	1.4791	39905.59	142.8070	130054.61	2254.0855	306558.07
73	2205515-48 10X	4.1651	375033.95	0.5903	15579.84	1.3701	37403.24	51.9777	51824.70	1195.4890	162916.38
74	2205515-49 10X	3.8871	348353.46	0.5832	15485.08	1.4963	40125.08	26.5759	31133.21	1131.2240	155200.17
75	2205515-50 10X	4.2190	389915.79	0.5723	15460.40	1.6712	44336.66	35.0126	38438.74	1386.4077	192306.51
76	2205515-51 10X	4.9055	448346.51	0.6119	16459.99	2.1663	53976.23	31.1026	35335.13	1854.0325	255757.99
77	2205515-52 10X	5.2678	475918.76	0.4185	11168.38	1.5299	40943.56	52.9773	53770.82	1626.5002	226043.95
78	2205515-53 10X	6.0891	558045.08	0.8069	22171.73	1.2178	35876.10	56.9361	57972.01	2167.2407	301873.39
79	2205515-54 10X	4.3560	401124.20	0.6569	17701.88	1.4681	40168.51	33.8205	37580.25	1306.9256	180065.74
80	CCV	94.8771	8592098.67	4.5460	122601.01	97.7021	1962614.85	10140.6914	8454109.46	937.5512	122145.35
81	CCB	0.0255	4133.20	-0.0008	10.00	0.1318	13430.97	-1.3007	7111.84	0.0506	60.00
82	2205515-55 10X	4.5732	411481.07	0.6363	17107.28	1.4580	39868.84	37.6443	40196.05	1497.8174	202276.76
83	2205515-56 10X	4.4158	403719.81	0.5183	14019.83	1.1282	33488.49	175.9659	160841.64	1445.6090	200482.79
84	2205515-57 10X	5.9331	542015.73	0.4815	13173.13	1.0104	31494.82	412.2317	359729.71	1895.7540	260367.76
85	2205515-58 10X	5.5379	504099.39	0.5481	14826.48	1.2450	35836.68	450.9451	394475.57	1846.2156	254677.04
86	2205515-59 10X	5.8675	527090.17	0.8010	21149.75	1.6008	41965.01	48.0057	49177.05	2054.6168	281462.45
87	2205515-60 10X	4.7054	432858.76	0.6647	18262.46	1.1044	33556.43	33.1317	36754.91	1337.2600	185029.13
88	2205515-60L 50X	0.9495	88681.88	0.1329	3591.07	0.1468	13769.04	6.0299	13259.12	274.1952	36150.07
89	2205515-60MS ...	95.5420	8569164.00	4.9256	132816.38	129.2075	2590922.95	955.7292	797655.30	2168.5135	288697.67
90	2205515-60MSD...	98.2793	8621768.67	5.0239	132547.68	139.2111	2730363.43	972.7241	811696.14	2249.2206	299103.49
91	2205515-60A 10X	117.2253	10315209.00	4.9881	129712.28	102.5214	1984744.16	2030.4800	1687078.10	3853.9074	514593.55
92	ZZZ										
93	ZZZ										

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	CCV	95.6082	7927878.67	4.6559	112415.05	101.9276	1832302.78	10231.2763	7921344.26	944.0945	115283.39
95	CCB	0.0363	4791.38	-0.0008	7.33	0.2052	13493.24	-0.7508	7148.54	0.1033	63.33
96	IP220608-1MB ...	0.0455	5618.29	-0.0006	14.00	0.0775	11410.61	-0.1925	7842.13	0.2863	86.67
97	IM220608-1LCS...	94.6174	8018594.00	4.6885	113806.48	194.3510	3504268.89	956.1285	771387.17	881.0891	110270.23
98	IM220608-1LCS...	95.7890	8164844.83	4.7298	116268.74	194.3455	3549198.33	969.9508	779241.47	906.1421	112529.34
99	2205515-61 10X	5.4213	478404.03	0.5307	13919.08	1.2582	34994.95	47.2995	47993.54	1808.1003	243173.86
100	2205515-62 10X	4.8854	429538.14	0.4138	10590.00	2.1690	51367.50	24.3291	28154.70	1538.4968	203328.98
101	2205515-63 10X	4.7013	402924.05	0.3892	9606.08	2.1366	48875.44	23.2976	26408.65	1486.5492	191090.84
102	2205515-64 10X	5.0039	434988.78	0.6064	15419.67	1.1347	31626.13	37.7345	39377.52	1769.4870	233141.21
103	2205515-65 10X	5.1748	453230.12	0.7175	18405.29	0.9489	28421.68	23.7143	27764.02	1798.1890	238586.93
104	2205515-66 10X	4.7837	423939.25	1.2139	32257.70	1.0036	30508.50	51.5968	51457.05	1606.1943	215249.33
105	2205515-67 10X	4.2620	371322.61	1.1262	28816.25	0.9641	28623.05	47.6985	47211.56	1491.0229	195678.66
106	CCV	94.5253	7905006.50	4.6987	112509.05	101.2655	1805842.78	10003.6450	7920714.05	936.0480	115955.39
107	CCB	0.0244	3654.42	-0.0008	7.33	0.1189	11581.83	-1.5705	6411.50	-0.1336	33.33
108	2205515-68 10X	5.9601	526508.06	0.6289	16562.75	1.7159	44068.02	124.1420	114796.31	2116.9851	291162.42
109	2205515-69 10X	5.8196	511744.34	0.6793	17366.20	1.6107	40811.09	28.0228	30832.83	1992.5570	263652.63
110	2205515-70 10X	5.5179	486227.66	0.6746	17310.14	1.3377	35770.95	58.8523	56690.77	1936.2715	256600.91
111	2205515-71 10X	3.5812	316027.54	0.4856	12521.29	1.2601	34443.75	17.5273	22836.60	1228.5822	163113.68
112	2205515-72 10X	4.5783	410577.43	0.5325	13942.42	1.0428	30770.13	22.0869	26695.67	1541.4475	206961.82
113	2205515-73 10X	7.0771	599982.88	0.4704	11643.36	1.1984	31947.88	28.5480	30565.65	4037.8846	524154.20
114	2205515-74 10X	5.2921	461340.46	0.4211	10672.05	0.9347	27746.05	17.8710	22659.44	2324.5633	306267.77
115	2205515-75 10X	6.1430	510447.35	0.4074	9846.21	1.3713	34269.02	31.3641	32856.62	6391.3795	815998.14
116	2205515-76 10X	7.2424	593469.89	0.4461	10779.46	1.0930	29279.71	34.4145	34810.72	7651.9554	964448.45
117	2205515-77 10X	5.6066	457917.76	0.4122	9730.16	1.0718	28231.34	28.7458	30118.14	2488.4182	314823.65
118	CCV	92.7901	7864787.00	4.6325	112523.26	98.8547	1788458.16	10082.1354	7910373.63	940.4403	116797.20
119	CCB	0.0229	3630.42	-0.0005	15.33	0.0351	10444.41	-1.2403	6771.69	0.1614	70.00
120	2205515-78 10X	5.3328	443729.90	0.3880	9275.23	2.8871	60636.36	24.8619	27306.80	3299.9748	411925.71
121	2205515-79 10X	6.6735	563509.48	0.4756	11831.48	1.2682	33377.28	38.3051	38462.29	9121.5462	1181981.73
122	2205515-80 10X	6.8559	580918.25	0.4468	10986.93	1.4734	36745.26	27.6126	30215.03	3343.2762	431842.98
123	CCV	94.3412	8070501.50	4.6230	113906.22	99.3048	1822652.63	10050.7550	7966650.09	928.1525	116042.77
124	CCB	0.0234	3738.56	-0.0009	7.33	0.0689	11240.50	-1.0735	7081.84	-0.1940	26.67

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
125	IP220608-2MB ...	0.0337	4528.63	-0.0007	10.00	-0.0131	9502.75	-0.2578	7532.04	0.3043	86.67
126	IM220608-2LCS...	92.9964	7841366.50	4.6143	112121.95	192.5870	3476383.40	966.5298	760062.59	887.0749	109374.24
127	2205515-81 10X	5.7508	491074.56	0.4041	10049.67	2.0279	47305.46	23.9970	27169.67	3325.3981	427850.67
128	2205515-82 10X	6.3415	534565.52	0.4379	10952.23	1.4488	36876.62	25.6650	28528.59	5290.7346	686138.32
129	2205515-83 10X	8.1178	674433.98	0.5311	13181.79	0.9733	27879.56	49.4428	46586.24	10000.1176	1280446.15
130	2205515-84 10X	7.3513	608651.19	0.4863	11671.37	1.5809	37721.74	25.1349	27256.34	4408.9220	550319.59
131	2205515-85 10X	7.2437	601919.11	0.4831	11838.81	1.4856	36816.39	25.6954	28348.43	4110.3294	537194.37
132	2205515-86 10X	6.6847	574712.75	0.4936	12441.93	1.3834	35972.53	25.1466	28408.59	4117.3534	542326.51
133	2205515-87 10X	6.4529	552022.54	0.4583	11407.18	1.4966	37600.40	27.0410	29450.32	4005.3215	518632.10
134	2205515-88 10X	6.6669	571101.62	0.4406	10960.22	1.0522	29406.63	34.0219	35104.58	7559.5190	971466.00
135	CCV	95.0728	8412103.67	4.6192	119325.32	99.6499	1917639.58	10077.5588	8230144.88	940.3291	120708.50
136	CCB	0.0235	3901.81	-0.0007	12.00	0.0141	10823.55	-0.4526	7725.47	-0.1478	33.33
137	2205515-89 10X	7.3959	638627.67	0.5640	14463.51	1.1504	32168.24	43.7641	43006.53	8850.5177	1142053.05
138	2205515-90 10X	7.2089	623613.19	0.4710	12070.31	1.2274	33613.15	44.8450	44724.20	9892.0071	1297586.80
139	2205515-91 10X	5.9199	523299.67	0.4001	10383.87	1.7794	44619.69	28.7811	32135.45	4344.5060	580476.03
140	2205515-91L 50X	1.2246	109832.02	0.0816	2110.15	0.3155	16292.36	4.7839	11948.14	899.4165	117229.78
141	2205515-91MS ...	102.9655	9007597.67	5.0498	130079.80	157.1174	3008193.70	972.2610	812512.23	5351.1836	711080.17
142	2205515-91MSD...	101.6341	8890066.67	5.0108	129275.29	160.3205	3074460.85	977.6117	822911.55	5266.4302	704950.09
143	2205515-91A 10X	125.7082	11031933.33	4.9191	127881.01	109.4720	2117822.00	2055.0576	1723608.36	6923.1404	932753.55
144	2205515-92 10X	5.8487	519608.22	0.4178	10906.87	2.4444	57648.05	21.3731	25683.96	3057.0517	408668.57
145	2205515-93 10X	7.8656	686723.81	0.5214	13481.36	1.9066	46894.39	30.0627	32596.28	5218.2043	689750.09
146	2205515-94 10X	6.7821	594020.87	0.4284	11129.68	1.3385	36169.48	31.7561	34416.46	6795.3906	906172.10
147	CCV	97.3429	8706845.67	4.6671	123386.35	100.9451	1987639.78	10249.6574	8336639.67	945.9761	122652.34
148	CCB	0.0328	4726.70	-0.0007	12.00	0.1298	13001.76	-1.0693	7238.55	-0.1469	33.33
149	2205515-95 10X	7.2384	647503.10	0.4251	11273.12	1.2805	35818.84	36.2917	37954.27	8471.6677	1124651.62
150	2205515-96 10X	7.6079	671603.83	0.4725	12553.32	1.3466	37196.06	36.7688	38435.48	7990.1034	1061068.81
151	2205515-97 10X	7.4424	652040.17	0.4623	11912.88	2.7726	63239.06	28.6963	31924.53	5348.9685	704420.43
152	2205515-98 10X	7.7931	679667.73	0.4641	11982.92	2.6117	60257.19	46.3070	46084.73	10007.0721	1320646.60
153	2205515-99 10X	6.7379	606072.94	0.4457	11734.08	3.1142	71216.85	32.7490	35789.54	6217.4107	830403.61
154	2205515-100 10X	7.5564	666430.25	0.4590	12145.71	1.2858	35824.33	42.2361	42825.98	10289.0060	1379912.53
155	CCV	96.7426	8843585.67	4.6281	124417.74	100.5991	2014304.43	10079.6432	8461934.25	935.9361	123012.43

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
156	CCB	0.0263	4301.25	-0.0007	12.67	0.0814	12776.03	-0.7365	7795.51	0.0979	66.67
157	IP220608-6MB ...	0.0347	5173.49	-0.0008	8.67	-0.0409	10346.59	0.1267	8515.88	-0.0084	53.33
158	IM220608-6LCS...	96.7777	9009096.33	4.6979	128334.47	192.2474	3900665.68	970.8478	833265.95	883.5907	118113.73
159	2205515-101 10X	7.3649	671381.19	0.4921	13464.70	1.7221	45891.65	27.7521	31276.96	4495.4304	602075.34
160	2205515-102 10X	8.5620	767015.02	0.4603	12317.17	1.3623	37751.89	46.7239	46703.29	10556.1535	1425226.39
161	2205515-103 10X	7.1144	630992.31	0.4668	12269.80	1.7694	44975.92	30.6555	33357.84	6321.2366	843676.55
162	2205515-104 10X	7.0894	633734.75	0.4406	11742.09	2.0009	50168.20	32.0864	34362.99	6546.5903	872512.77
163	2205515-105 10X	5.6020	508269.79	0.4109	10910.87	2.1350	52608.83	29.8187	33621.68	6848.3140	920740.43
164	2205515-106 10X	5.7217	511363.24	0.4055	10757.45	1.9600	49141.81	22.1361	26992.66	4400.9706	587298.10
165	2205515-107 10X	7.2777	651699.81	0.4701	12418.58	3.7437	83777.18	30.4931	33548.34	6065.7146	820077.98
166	2205515-107L ...	1.4955	139094.30	0.0974	2653.56	0.7800	26468.44	5.0511	12715.30	1256.9515	169951.57
167	CCV	97.0153	9175158.00	4.6426	128695.77	100.0962	2066185.54	10246.2271	8720084.04	941.1605	125382.31
168	CCB	0.0241	4248.56	-0.0007	12.67	0.0575	12630.35	-0.3867	8159.04	0.0402	60.00
169	2205515-107MS...	106.3827	9700197.33	5.0853	140131.22	153.5695	3145408.63	993.5328	839757.20	7455.6719	1015385.33
170	2205515-107MS...	102.6525	9295946.33	4.9928	135513.53	146.5359	2956631.83	975.1291	828095.25	7255.5636	982876.16
171	2205515-107A ...	127.0345	11475874.67	4.9158	133512.22	108.5437	2194237.90	2090.0291	1771319.56	8942.3458	1212852.56
172	2205515-108 10X	7.7824	713090.54	0.4958	13444.03	4.4070	99326.08	33.2363	36067.05	6625.4347	901686.84
173	CCV	97.7687	9140466.67	4.6606	128691.49	100.1716	2060756.03	10367.6526	8731599.45	956.7094	126796.30
174	CCB	0.0378	5456.25	-0.0007	14.00	0.1271	13913.58	-0.8497	7722.10	0.0374	60.00
175	IP220609-2MB ...	0.0468	6179.17	-0.0007	12.67	0.0326	11678.56	0.1876	8409.10	0.3573	100.00
176	IM220609-2LCS...	96.2483	9071133.67	4.6691	128172.02	199.9616	4077093.73	975.9994	837461.24	896.2608	118778.34
177	IM220609-2LCS...	98.0383	9229275.00	4.6328	128738.65	196.2016	4049808.03	973.9457	836640.01	901.8081	120329.41
178	2205515-109 10X	0.0445	6233.88	-0.0007	13.33	0.5155	21903.06	-0.3823	8098.99	0.2622	90.00
179	2205515-110 10X	0.0426	5859.05	-0.0007	13.33	0.1621	14351.73	0.1007	8419.11	0.3499	100.00
180	2205515-111 10X	0.0369	5386.22	-0.0007	12.00	0.0335	12037.71	-0.3837	8055.62	0.1740	76.67
181	CCV	97.5539	9231671.67	4.6669	129830.12	99.6430	2063811.59	10365.1780	8735307.79	978.5685	128307.47
182	CCB	0.0294	4548.64	-0.0006	14.00	0.1318	13585.53	-0.7050	7872.18	-0.0784	43.33
183	2205638-246 10X	0.0394	5560.95	-0.0006	14.67	0.0041	11114.83	20.7969	25844.16	1.4432	243.35
184	2205638-251 10X	0.0342	5052.78	-0.0004	19.33	-0.0383	10319.90	14.3774	20573.63	1.6808	276.68
185	2205638-252 10X	0.0306	4697.36	-0.0007	11.33	-0.0231	10633.42	5.6359	13002.28	1.8448	296.68
186	2205638-253 10X	0.0294	4610.00	-0.0006	14.67	-0.0919	9211.49	0.6546	8846.10	1.6252	266.68

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
187	2205638-254 10X	0.0254	4184.55	-0.0006	14.00	-0.0670	9559.46	1.7411	9616.43	0.9119	170.01
188	CCV	98.2326	9115621.00	4.6888	128381.98	100.7603	2054925.61	10321.4890	8612793.21	966.0153	127387.03
189	CCB	0.0263	4137.87	-0.0008	8.67	0.1209	12844.98	-0.5007	7628.74	-0.2225	23.33
190	IP220610-1MB ...	0.0300	4640.00	-0.0011	2.00	0.0029	10990.93	0.1929	8382.50	0.3082	93.34
191	IM220610-1LCS...	96.3204	8761664.67	4.6355	123890.81	192.4254	3820041.51	953.1768	805006.42	880.5560	114816.95
192	IM220610-1LCS...	95.9226	8707368.00	4.6754	124279.25	192.4356	3799096.38	963.4656	799384.49	869.9334	113321.03
193	2205638-1 10X	9.4857	888519.54	1.0405	28911.05	5.8967	132532.51	155.9558	146270.67	4044.0961	574900.09
194	2205638-2 10X	8.5413	793992.61	1.0274	27904.07	4.5273	101990.55	129.3723	121769.57	3886.2255	547365.86
195	2205638-3 10X	8.2533	769564.33	0.6855	18429.32	4.8853	108007.34	397.2028	348879.89	2927.1333	408697.84
196	2205638-4 10X	11.3064	1039250.59	0.7844	21428.18	4.5143	102245.06	259.5314	235892.07	2896.6439	411060.19
197	2205638-5 10X	8.1889	762844.89	0.8858	23896.73	7.1108	152814.57	171.8991	157915.15	4406.2372	621827.75
198	2205638-7 10X	8.8066	800613.75	0.9962	26164.69	5.6421	120281.15	137.8431	125685.66	5947.3038	824920.43
199	2205638-8 10X	7.2873	667289.98	0.8408	22356.66	4.4086	97491.18	116.8590	109228.88	3377.3841	473991.92
200	CCV	93.8732	8511388.00	4.5140	119707.83	96.5681	1924126.04	10031.2069	8181831.75	925.6191	119000.27
201	CCB	0.0258	4175.21	-0.0007	11.33	0.0893	12320.13	0.1018	8262.40	-0.0449	46.67
202	2205638-9 10X	8.8454	830761.83	0.9973	27546.84	4.3182	99447.83	122.0574	114334.84	3859.8130	542689.87
203	2205638-10 10X	12.1161	1102350.00	0.7066	18925.85	7.4585	158583.53	194.2099	170413.79	4388.9377	588950.32
204	2205638-11 10X	11.3961	1024946.31	0.6922	18158.39	6.4963	136629.76	194.7702	169042.43	3907.3392	523886.19
205	2205638-12 10X	8.7261	800054.10	0.8745	22628.36	6.3215	131549.09	130.7580	120285.72	3269.4402	450457.91
206	2205638-13 10X	8.5850	786706.60	0.9093	23954.82	5.6264	120329.24	126.3459	115384.42	2874.2625	395287.00
207	2205638-14 10X	8.4921	765600.39	0.8222	21197.20	5.4735	114799.07	137.3214	124439.35	3440.2348	472342.40
208	2205638-15 10X	11.5897	1047441.64	0.8994	23664.39	4.6955	102075.93	146.3483	131734.44	4122.3378	567678.35
209	2205638-16 10X	8.6313	795128.83	0.6942	18242.44	6.3276	133582.05	130.9217	119977.67	2705.8226	370809.47
210	2205638-17 10X	11.7720	1068787.17	0.7617	19921.66	6.3407	133249.60	142.5781	129055.89	2849.2817	387203.95
211	CCV	90.1578	8002517.33	4.4766	113450.87	96.5929	1850828.54	9984.4548	8062182.38	926.9751	117885.49
212	CCB	0.0263	4056.52	-0.0007	11.33	0.0862	11689.68	0.2363	8099.08	-0.0359	46.67
213	2205638-18 10X	8.8337	801395.88	0.9204	24223.85	6.3676	134688.81	149.3594	135524.88	3320.7796	456921.47
214	2205638-19 10X	8.3553	762641.00	0.8934	23293.90	7.7143	159367.77	135.4950	123948.44	3072.6637	423124.50
215	2205638-20 10X	8.6536	776121.15	0.9222	23721.13	8.3244	168777.05	143.6359	130147.71	3410.2480	465577.01
216	2205638-21 10X	9.0891	811258.48	1.0497	26696.82	5.5803	115300.23	134.7518	123453.72	3955.1810	543452.41
217	CCV	91.4266	8027249.67	4.4959	113361.36	95.2045	1810193.47	9932.4017	8055466.34	922.4763	117959.59

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
218	CCB	0.0275	4142.54	-0.0007	12.00	0.0585	11119.31	0.1595	7972.24	-0.0324	46.67
219	IP220610-2MB ...	0.0379	5172.82	-0.0003	22.00	-0.0580	9305.98	-0.8825	7338.64	0.3523	96.67
220	IM220610-2LCS...	90.6352	8180086.67	4.4939	117749.43	184.9151	3599400.14	974.4736	800824.94	885.1535	114373.30
221	2205638-22 10X	11.3455	1032166.54	1.0491	27732.46	5.2661	113713.66	142.1941	129608.70	3356.0957	466436.87
222	2205638-23 10X	9.9704	895271.48	1.0794	27734.50	5.8949	122462.58	154.5162	137182.80	4323.6555	587027.05
223	2205638-24 10X	7.4796	658625.40	0.7151	17982.18	4.9017	101312.39	91.5993	84363.65	3354.6623	447402.33
224	2205638-25 10X	7.2131	644580.11	0.6701	16995.84	4.4209	93182.58	88.2137	82260.68	3160.5812	425233.39
225	2205638-26 10X	7.6923	679442.17	0.6993	17667.17	4.9670	103043.30	100.0607	91351.46	3429.4518	460466.68
226	2205638-27 10X	8.9562	800275.98	0.7534	19151.42	4.8098	100710.66	136.7690	120930.11	3669.6291	495920.51
227	2205638-28 10X	9.3962	837744.29	0.7702	19955.69	4.4235	95261.78	132.2362	119885.77	3935.1111	538641.50
228	2205638-29 10X	10.9566	989537.06	0.8094	21087.71	4.7232	101589.12	129.6294	117102.51	4200.9940	573115.68
229	CCV	89.5454	7795725.67	4.3569	109626.81	95.2442	1785050.90	9930.2422	7970891.34	918.0383	116562.23
230	CCB	0.0229	3816.46	-0.0008	8.00	0.0407	10945.85	0.1622	8012.24	0.2053	76.67
231	2205638-30 10X	12.2802	1108840.17	0.8442	21758.53	8.3541	169732.11	468.5053	402314.88	5364.5229	732727.10
232	2205638-31 10X	11.9307	1023509.23	0.9508	23118.31	7.8074	150283.07	341.8515	283569.44	5295.3915	698557.62
233	2205638-32 10X	8.3994	749704.40	0.8838	22416.05	6.8819	139419.82	187.3752	168731.39	3301.9028	459818.76
234	2205638-33 10X	11.3437	1042201.69	1.0826	28656.00	4.6793	102359.83	152.2367	141216.45	3064.3245	434530.32
235	2205638-34 10X	6.8424	639403.84	0.6380	16975.84	5.0784	110669.64	123.0633	116367.90	3679.6801	515395.31
236	2205638-35 10X	7.7779	724045.81	0.6803	18255.81	4.0353	90960.69	110.3383	104117.28	3682.4262	517790.27
237	2205638-36 10X	13.4083	1255614.62	1.0450	28529.09	5.9196	130653.56	294.4383	268884.88	3936.1502	562889.81
238	2205638-37 10X	12.9727	1198420.67	0.9357	24679.16	7.4734	156558.26	479.6329	425847.00	4250.1428	599501.57
239	2205638-38 10X	5.8825	548615.61	0.5657	15018.65	3.9274	87834.68	83.5974	82307.45	2250.0824	318032.68
240	2205638-39 10X	7.6511	722438.85	0.7204	19466.46	3.4811	80531.70	102.2125	99860.85	2605.6258	375231.27
241	CCV	84.9701	8229870.67	4.1665	116217.60	90.1307	1873142.77	9791.7948	8447904.25	914.2453	124068.50
242	CCB	0.0200	3846.46	-0.0009	6.00	0.0067	11121.50	-0.2264	8419.16	0.2083	83.34
243	2205638-40 10X	11.2534	1076474.38	0.7136	19780.14	5.6632	127415.19	938.2918	842428.37	5586.8125	794134.47
244	2205638-40L 50X	3.0314	283732.74	0.1493	4038.51	2.2995	56609.33	619.7818	544431.18	1324.3266	180638.12
245	2205638-40MS ...	94.0245	8661999.00	4.7288	126968.15	117.1890	2341233.31	2044.1937	1799378.72	6584.6710	932666.44
246	2205638-40MSD...	92.2010	8528837.00	4.7368	124158.09	124.8650	2434069.56	2001.0647	1752788.41	6584.3301	925636.63
247	2205638-40A 10X	110.2760	10105403.00	4.5965	118421.91	101.6207	1949300.20	3052.5915	2629076.21	7457.2261	1036832.69
248	CCV	84.3020	7671576.17	4.1409	106776.88	92.0916	1769320.55	9860.3067	8402963.83	919.6338	123115.02

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
249	CCB	0.0395	5543.62	-0.0006	14.67	0.1469	13577.74	0.2131	8609.21	-0.1327	36.67
250	RINSE	0.0689	8036.63	-0.0008	8.67	0.1602	13387.60	0.2683	8549.19	0.2351	83.34
251	RINSE	0.0613	7455.03	-0.0006	13.33	0.0922	12181.14	0.0094	8365.76	0.1300	70.00
252	RINSE	0.0516	6700.04	-0.0008	10.67	0.0569	11725.27	0.3377	8769.36	0.4293	110.01

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	2.1052	993.41	2.1592	6745.00	4.5219	236.23	0.4304	140.01	0.0392	574.01
2	RINSE	2.3154	1080.09	3.1474	7041.79	4.6849	241.63	0.0849	60.00	0.0211	421.68
3	RINSE	2.0788	993.41	1.2553	6488.22	3.4381	212.17	0.0412	50.00	0.0176	395.68
4	BLANK	0.0000	130.01	0.0000	6364.79	0.0000	125.32	0.0000	40.00	0.0000	239.67
5	H/1000	5.4184	2320.28	59.9874	22042.16	67.4900	1764.58	3.3897	826.73	0.1173	1226.38
6	H/100	52.1661	21608.07	501.3065	138838.48	540.9132	13511.08	31.2291	7418.68	1.0472	9229.92
7	H/10	532.9396	215636.40	4914.4158	1248518.58	5259.0158	127998.68	312.5507	72553.51	10.2600	86746.55
8	HIGH	4996.6840	1959963.15	50008.5354	11276055.25	49973.6718	1178664.13	2998.7322	674806.61	99.9735	817812.19
9	RINSE	2.5032	1146.76	2.5357	6788.35	3.9880	222.36	0.1445	73.34	0.0133	352.01
10	ICV	1041.5143	409023.18	9897.8347	2437129.86	10311.8527	243561.73	404.9787	91258.52	20.3665	166952.21
11	ICB	-0.0708	96.67	1.4005	6288.15	-1.6165	81.54	0.2321	90.00	-0.0031	203.00
12	LIV	10.5647	4307.42	102.6086	31928.22	120.6870	3009.84	21.5793	4940.95	0.5265	4577.65
13	ICSA	9825.1482	3787314.21	9759.1344	2306244.29	29777.6552	690301.01	198.1201	43852.79	0.0121	324.34
14	ICSAB	10306.7823	4010442.02	14768.8578	3486956.30	35193.5641	823589.95	503.9633	112537.98	10.2059	83028.82
15	CCV	512.7862	217888.53	4929.0892	1290048.60	5151.5900	131667.43	303.6992	74026.65	10.0749	89449.23
16	CCB	-0.0692	103.34	1.0442	6614.96	-1.0384	101.00	0.0553	53.33	-0.0034	214.00
17	IP220609-4MB ...	0.6376	390.03	-0.1458	6221.45	-0.4255	114.60	0.1442	73.34	-0.0012	229.67
18	IM220609-4LCS...	497.7366	204357.24	470.0179	129071.44	1078.8168	26744.74	205.2543	48358.86	9.8395	84414.39
19	2206139-1 10X	4904.7595	1991165.34	1258.0227	316019.91	38867.2908	948838.09	51.5595	12044.89	23.0285	195150.33
20	2206139-1L 50X	1005.2952	410321.18	244.6743	69472.96	7938.8548	194909.48	10.2957	2450.30	4.6427	39734.36
21	2206139-1MS 10X	5236.4874	2125360.49	1712.6844	430557.73	42205.7998	1030122.35	152.5143	35559.43	35.5870	301376.32
22	2206139-1MSD ...	5610.8022	2299288.72	1791.6985	446949.47	50999.6446	1256461.66	151.8831	35740.30	36.0023	307818.51
23	2206139-1A 10X	5272.3689	2185163.88	3207.9980	807585.41	40407.5710	1007343.37	344.7313	82024.72	32.7985	283719.57
24	CCV	526.6914	215374.08	4911.5723	1265546.33	5231.1774	128662.33	306.2162	71837.41	10.2529	87606.44
25	CCB	0.0223	140.01	1.3300	6588.27	1.3299	157.76	0.1291	70.00	-0.0049	198.33
26	IP220607-2MB ...	0.7807	433.36	2.1406	6551.55	2.8988	189.92	0.0651	53.34	0.0028	255.00
27	IM220607-2LCS...	506.4865	208257.12	482.2446	132853.53	1064.0195	26412.75	201.5654	47546.34	9.9716	85658.77
28	2205515-21 10X	2213.3696	927432.59	821.7226	219270.89	2143.0984	54117.07	27.6795	6694.97	9.5994	84101.85
29	2205515-22 10X	2263.0095	973433.55	857.8090	232483.47	2382.9802	61757.69	26.0564	6471.59	9.1473	82282.17
30	2205515-23 10X	2356.1450	1019091.50	986.5637	265258.14	2539.1772	66167.50	28.3442	7075.15	9.5210	86113.75
31	2205515-24 10X	2260.8659	969564.88	997.1533	268173.86	2491.5221	64373.44	30.6131	7572.03	9.9160	88910.44

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2205515-25 10X	2405.8330	1012604.80	1048.7470	277443.25	2314.4951	58702.19	25.9787	6314.86	9.3906	82651.35
33	2205515-26 10X	2259.2200	955979.52	876.7292	235083.55	2149.5920	54809.45	27.1266	6624.95	9.0080	79718.01
34	2205515-27 10X	2721.8588	1150829.44	881.0119	234595.37	2868.7420	73056.36	30.3500	7401.99	9.4402	83461.29
35	2205515-28 10X	2510.6602	1056228.60	854.5288	230511.79	2572.7514	65219.54	27.4485	6665.02	9.1677	80663.97
36	CCV	508.6036	208246.66	4859.4601	1231860.22	5069.6007	124855.20	291.9869	68576.80	9.9407	85039.52
37	CCB	-0.0207	120.00	-0.5882	5984.71	0.4818	134.42	0.0619	53.33	-0.0052	192.33
38	2205515-29 10X	2690.7258	1135756.60	953.5457	255567.97	3024.8443	76896.21	24.6194	6001.38	9.5674	84441.00
39	2205515-30 10X	2980.6123	1253816.78	943.3161	250273.78	3238.5581	82054.57	26.5013	6434.85	9.6685	85037.27
40	2205515-31 10X	2349.6806	979649.65	1097.7236	286678.74	2276.5638	57192.86	33.9610	8162.34	10.2576	89405.23
41	2205515-32 10X	2696.5283	1121235.55	1101.2249	289466.07	2813.7959	70464.83	29.5770	7098.50	9.9106	86162.73
42	2205515-33 10X	2443.4432	1001700.90	997.1176	260444.95	2590.4598	63970.41	26.2691	6218.13	9.2162	79006.19
43	2205515-34 10X	2384.9146	973844.49	954.1781	245345.88	2600.7188	63981.41	24.0237	5667.90	10.6653	91032.80
44	2205515-34L 50X	482.5626	195074.36	179.3628	52527.32	508.8828	12484.62	5.3313	1276.77	2.1147	18051.15
45	2205515-34MS ...	3443.5075	1417212.84	1477.4966	380128.09	3703.1949	91773.08	131.1163	31000.17	20.9213	179761.59
46	2205515-34MSD...	3529.4551	1439473.10	1478.7778	375482.76	3917.7807	96202.54	130.4624	30559.28	20.6052	175437.34
47	2205515-34A 10X	2903.1154	1161498.60	2831.5557	701541.00	4502.5026	108445.19	314.5140	72218.87	20.3375	169879.64
48	CCV	511.6176	203681.57	4761.6485	1195186.60	5017.2928	120153.43	296.1926	67649.93	9.8666	82087.36
49	CCB	-0.0360	106.67	-0.8899	5684.55	-1.3442	85.41	-0.0459	26.67	-0.0082	157.67
50	2205515-35 10X	4672.3627	1884369.56	1239.8260	314310.90	9539.7048	231452.54	22.2769	5194.40	9.8495	83057.70
51	2205515-36 10X	2596.8454	1056209.28	759.3810	199238.65	3495.7047	85607.06	27.6935	6504.90	9.4054	79994.54
52	2205515-37 10X	4115.3153	1660890.60	956.7146	246175.71	2330.6621	56661.85	21.0724	4914.32	12.2807	103533.90
53	2205515-38 10X	4703.0836	1934758.93	1179.9877	304901.56	4215.5038	104403.81	21.3008	5067.69	14.3033	122926.86
54	2205515-39 10X	5296.5366	2245095.02	966.1376	255764.23	6484.7794	165415.54	17.4011	4274.07	14.2396	126099.56
55	2205515-40 10X	5218.1018	2206490.85	969.0092	253754.16	4876.3711	124113.18	15.6899	3847.30	14.8584	131240.89
56	CCV	507.8281	199619.37	4782.2651	1179906.52	4986.7946	117929.74	294.6011	66434.96	9.7616	80193.15
57	CCB	0.0214	133.34	-3.1033	5311.09	0.7355	137.58	0.0224	43.33	-0.0123	130.00
58	IP220607-4MB ...	0.7064	413.36	-2.5958	5541.17	2.7130	189.83	-0.0842	20.00	-0.0032	209.67
59	IM220607-4LCS...	492.6254	194870.93	468.5006	123987.73	1040.3039	24853.18	201.9685	45848.42	9.8018	81023.13
60	2205515-41 10X	5392.8311	2225086.68	979.3786	252404.71	6393.3382	158754.02	15.7481	3770.63	14.8385	127893.93
61	2205515-42 10X	5672.3901	2352119.24	1165.5565	298595.32	8623.1229	215121.54	30.1034	7201.85	18.4300	159579.54
62	2205515-43 10X	3840.7154	1593402.32	837.9973	218039.39	4218.8227	105415.61	19.8052	4754.27	12.9592	112352.71

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	2205515-44 10X	4365.0451	1813700.91	1236.8827	321814.00	6942.6406	173595.67	16.8926	4067.35	12.2592	106457.56
64	2205515-45 10X	4976.6940	2011658.35	953.3555	240934.73	10147.1259	246742.43	24.2474	5664.64	14.5023	122457.40
65	2205515-45L 50X	1054.2457	412618.07	187.1016	52745.00	2131.8351	50278.63	5.3673	1243.45	3.0337	24980.43
66	2205515-45MS ...	6629.0775	2618890.64	1446.7200	357863.29	10732.4588	255066.93	75.4260	17132.98	25.1292	207212.05
67	2205515-45MSD...	6497.9508	2556766.42	1471.4785	356412.14	11504.2191	272292.37	73.2610	16575.80	25.0392	205644.71
68	CCV	506.0021	193218.20	4724.0828	1150543.57	5063.3137	116310.69	293.6174	64347.24	9.9224	79200.17
69	CCB	0.0366	130.01	-1.4174	5414.46	0.7526	128.66	-0.0751	20.00	-0.0083	151.67
70	2205515-45A 10X	5535.8173	2171406.32	2812.9378	678560.12	12208.3261	288101.35	304.8853	68643.60	24.1474	197760.52
71	2205515-46 10X	4649.9571	1887802.52	981.7716	250933.17	8965.8433	218992.38	13.3032	3137.16	12.2546	103965.94
72	2205515-47 10X	4954.8288	2042365.49	990.6035	253571.93	4343.6394	107775.08	16.5317	3950.69	13.1706	113425.93
73	2205515-48 10X	4156.5884	1684746.12	1038.0621	266819.24	3690.8789	90076.55	22.1214	5184.41	11.8554	100430.04
74	2205515-49 10X	3819.6886	1578323.26	931.9102	241501.88	3718.4718	92500.24	21.6641	5171.05	11.8067	101944.15
75	2205515-50 10X	3836.8829	1589891.48	1031.4446	269329.25	7321.6260	182552.43	22.5460	5401.09	11.3320	98148.44
76	2205515-51 10X	4570.8553	1906701.17	1067.1874	281129.71	7858.7014	197286.64	26.3630	6351.51	13.6277	118782.10
77	2205515-52 10X	4515.7550	1869425.08	1087.7018	284895.95	3514.7343	87618.72	11.8291	2850.38	10.8471	93865.90
78	2205515-53 10X	4943.8643	2075831.64	1084.2290	282824.38	5375.1467	135832.88	14.0148	3417.17	11.6080	101864.94
79	2205515-54 10X	4465.6537	1858110.54	1076.7526	285070.59	4974.5303	124579.67	25.0463	6021.36	13.3951	116456.29
80	CCV	501.4532	202228.62	4691.0445	1205333.81	4987.2269	120990.67	297.0474	68727.41	9.8937	83376.30
81	CCB	-0.0614	103.34	-1.4309	5891.32	0.8658	143.98	-0.0831	20.00	-0.0078	171.00
82	2205515-55 10X	4006.5341	1640072.63	912.6243	235341.80	4303.5464	106045.09	19.7470	4677.55	13.8704	118625.55
83	2205515-56 10X	3510.5026	1470435.60	1063.7025	280492.83	5192.3510	130895.07	21.5259	5214.40	13.2732	116153.23
84	2205515-57 10X	4834.1507	1993485.60	872.7677	225558.86	5263.3254	130640.08	10.4792	2520.32	10.1109	87174.34
85	2205515-58 10X	4745.1143	1965644.87	891.6599	233497.59	5088.4129	126893.06	13.1113	3157.11	12.8358	111114.80
86	2205515-59 10X	4844.6781	1991519.76	1095.0190	283153.69	6481.5808	160345.49	15.6348	3727.26	11.7456	100916.16
87	2205515-60 10X	4544.7906	1878440.18	962.0046	252954.67	4346.3434	108162.50	29.3394	6995.10	14.1526	122213.30
88	2205515-60L 50X	915.2193	369118.81	181.7854	53012.28	870.1910	21223.26	6.4607	1533.47	2.8275	24006.30
89	2205515-60MS ...	5578.0434	2229563.30	1345.6677	337081.95	5019.8955	120771.95	86.3002	19832.69	22.4320	187194.19
90	2205515-60MSD...	5818.3419	2325835.59	1408.3121	355182.82	5367.9926	129153.54	88.6480	20373.23	23.8460	198985.90
91	2205515-60A 10X	4882.6597	1953653.56	2773.0743	683896.00	6146.5720	148009.21	307.6413	70651.74	23.2109	193889.31
92	ZZZ										
93	ZZZ										

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	CCV	504.1798	188829.78	4692.2746	1131013.63	5049.1021	113765.10	295.7586	63550.30	9.9185	77632.04
95	CCB	0.0323	133.34	-2.4538	5477.82	-0.9136	95.59	-0.0781	20.00	-0.0105	140.33
96	IP220608-1MB ...	0.6339	373.35	-3.4146	5231.05	1.5695	156.95	-0.0219	33.33	-0.0044	194.33
97	IM220608-1LCS...	477.6894	184715.81	447.1388	116489.13	1034.1029	24153.99	191.2760	42439.08	9.4378	76266.74
98	IM220608-1LCS...	483.4403	186166.55	452.4225	117423.29	1061.0398	24667.44	197.5239	43648.87	9.5875	77153.56
99	2205515-61 10X	4208.7010	1709669.04	789.4010	202956.07	5049.0350	123438.34	17.4037	4094.01	12.1916	103501.38
100	2205515-62 10X	4045.8944	1611360.45	1079.8744	272836.44	14395.1176	344840.16	23.3065	5364.44	12.5349	104319.69
101	2205515-63 10X	4087.7945	1574333.52	1070.4094	262807.00	14763.1894	341996.73	26.1386	5814.62	11.6867	94083.55
102	2205515-64 10X	4576.9518	1831640.34	965.6705	244837.95	7465.9332	179785.77	20.5487	4757.56	9.7321	81446.49
103	2205515-65 10X	4314.4115	1725509.14	886.5121	227271.92	5648.5461	135953.54	18.7802	4347.44	10.0311	83878.13
104	2205515-66 10X	4557.8082	1846145.18	857.8811	218448.37	9311.8216	226909.29	21.2661	4981.04	16.6122	140527.75
105	2205515-67 10X	4136.9624	1641423.31	815.2856	208957.80	8599.4853	205291.94	21.5100	4934.31	12.6801	105131.57
106	CCV	499.0002	191131.20	4624.4300	1130970.29	4955.3633	114170.56	290.9113	63921.15	9.7054	77683.49
107	CCB	0.1250	166.68	-3.1472	5177.70	-0.5934	101.54	-0.0435	26.67	-0.0097	144.00
108	2205515-68 10X	5218.4370	2162888.67	1296.1204	328809.81	10924.9971	272410.58	17.8732	4287.44	11.8311	102490.20
109	2205515-69 10X	5760.2546	2267608.72	1266.1794	314751.29	10894.0720	257994.20	27.4550	6241.58	14.5246	119442.36
110	2205515-70 10X	5319.2178	2123290.44	1168.8081	292932.82	9314.7606	223682.80	30.1552	6945.12	14.3096	119318.64
111	2205515-71 10X	3295.3743	1328612.80	709.3055	184196.05	4967.3615	120525.62	25.3111	5894.69	11.0594	93194.55
112	2205515-72 10X	4315.9358	1744180.60	982.7345	249655.88	5709.0957	138821.39	27.9098	6511.56	11.9873	101231.46
113	2205515-73 10X	6038.8203	2324188.82	845.5422	209255.58	22221.8783	514390.08	36.0147	7992.27	13.5237	108748.48
114	2205515-74 10X	5605.7499	2214856.37	914.1013	231053.69	7632.8736	181483.01	41.1413	9363.10	14.2372	117522.94
115	2205515-75 10X	4923.0491	1897744.29	972.8918	238320.52	19705.6877	456850.99	34.9888	7775.54	11.1886	90150.95
116	2205515-76 10X	5093.9869	1937817.89	849.3956	205294.95	21541.5133	492892.86	35.0545	7688.79	11.7426	93358.58
117	2205515-77 10X	5588.8640	2109495.80	930.7418	225753.23	10227.5456	232217.20	35.9157	7808.89	13.2289	104322.08
118	CCV	505.5528	191883.07	4620.8784	1133950.63	5041.9996	115116.39	296.8930	64637.61	9.8154	77843.57
119	CCB	0.0145	126.67	-2.7789	5324.40	2.8309	181.00	-0.0928	16.67	-0.0105	140.33
120	2205515-78 10X	5140.1378	1955159.35	1163.0177	280399.47	22054.3004	504519.90	38.2693	8389.15	12.2750	97568.55
121	2205515-79 10X	5747.6613	2220063.98	995.7677	245273.02	26730.6140	620974.99	34.5199	7688.81	10.8180	87350.42
122	2205515-80 10X	5653.4516	2204918.14	872.6963	215618.56	15446.8105	362327.66	35.8038	8049.00	12.8863	105006.94
123	CCV	503.6352	193103.29	4629.5911	1133518.71	4970.9414	114659.27	292.4667	64329.94	9.7671	78262.35
124	CCB	0.0231	133.34	-2.7277	5417.78	-0.3120	111.99	-0.1407	6.67	-0.0088	157.67

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
125	IP220608-2MB ...	1.1424	553.37	-1.7658	5501.15	0.0378	117.22	-0.1090	13.33	-0.0035	195.33
126	IM220608-2LCS...	488.0175	183943.85	441.7285	113797.98	1014.2724	23086.13	192.0506	41533.26	9.6543	76042.13
127	2205515-81 10X	5167.4036	2005284.60	813.4164	202879.12	25306.9171	590659.90	27.8785	6244.77	12.2768	99562.30
128	2205515-82 10X	5314.9836	2064291.74	1021.3508	250044.38	23594.1159	551141.61	26.5597	5954.67	11.7628	95481.62
129	2205515-83 10X	5774.8613	2194584.91	977.1241	238361.87	27816.7423	635707.56	24.7748	5437.85	10.3546	82265.89
130	2205515-84 10X	5419.2976	2041367.62	743.8997	180477.90	30045.6618	680628.69	26.2931	5717.91	11.9002	93678.64
131	2205515-85 10X	5452.3256	2101795.33	795.1059	196301.28	29740.6227	689603.00	27.4683	6111.44	12.2585	98767.51
132	2205515-86 10X	5843.9246	2293629.65	931.8659	231604.07	22404.2408	528775.56	33.1347	7495.39	13.0590	107085.88
133	2205515-87 10X	5642.7939	2179213.46	882.7559	216219.29	32229.4166	748386.16	31.0449	6918.46	12.6531	102092.26
134	2205515-88 10X	5207.3974	2014664.81	884.7796	217917.74	25705.9547	598066.43	26.3398	5887.93	11.8311	95659.43
135	CCV	501.3022	198005.86	4664.4912	1184423.89	4985.5536	118474.82	293.7858	66582.11	9.7892	80809.50
136	CCB	-0.0675	100.00	-1.4340	5831.25	2.2239	174.70	-0.1260	10.00	-0.0096	154.33
137	2205515-89 10X	5519.8211	2141352.26	1043.2612	255061.65	39413.0702	919428.55	23.3655	5237.75	9.2288	74872.17
138	2205515-90 10X	5000.3060	1978034.76	921.4493	231028.37	54880.1728	1305223.99	26.9702	6158.10	8.8989	73614.57
139	2205515-91 10X	5117.1389	2057811.17	1009.9882	256848.80	24999.1128	604545.68	35.0192	8122.47	11.9183	100163.25
140	2205515-91L 50X	1051.7195	414731.89	193.9602	54948.25	5090.7232	120792.74	7.6066	1760.20	2.4494	20365.48
141	2205515-91MS ...	6312.2224	2526959.24	1567.4783	387180.69	25568.6967	615670.49	116.2743	26745.85	21.7917	182142.95
142	2205515-91MSD...	6115.2829	2465808.50	1549.3872	384513.52	25866.4253	627350.28	117.6468	27263.78	21.7189	182843.75
143	2205515-91A 10X	5593.6402	2259136.11	2905.1782	719732.33	26950.0933	654655.90	320.3464	74271.99	21.5313	181561.76
144	2205515-92 10X	5458.0593	2170289.24	943.0060	239897.87	21159.5851	506110.09	28.7688	6601.59	13.0594	108511.09
145	2205515-93 10X	6953.4945	2745972.56	1265.6910	313615.71	26358.1442	625939.92	32.4066	7378.64	15.3400	126533.77
146	2205515-94 10X	5173.8452	2069708.51	946.4363	239823.14	22903.9427	551026.81	31.6427	7301.97	11.5813	96827.68
147	CCV	513.4795	202032.91	4849.6858	1213238.55	5182.9953	122671.06	296.7920	66990.06	9.9848	82094.97
148	CCB	0.1335	180.01	-0.1113	6138.07	-0.1282	118.65	-0.1263	10.00	-0.0046	195.34
149	2205515-95 10X	4709.8460	1873543.77	754.8757	190305.45	28811.1908	689230.93	34.1961	7842.23	9.8321	81778.48
150	2205515-96 10X	5079.6207	2025030.18	789.0260	199018.77	30612.1722	733911.22	26.9709	6208.12	10.6946	89130.39
151	2205515-97 10X	5871.5177	2351408.56	1099.5989	270810.68	33264.9282	801132.75	28.2011	6518.27	12.8315	107375.60
152	2205515-98 10X	5681.4241	2254396.84	1148.8066	284355.31	42319.4809	1009862.75	34.9845	8002.36	11.2134	93008.32
153	2205515-99 10X	5727.7485	2327630.02	1457.1767	364636.87	21106.8543	515972.15	36.1863	8479.23	13.0764	111044.46
154	2205515-100 10X	5252.8855	2089010.49	790.3749	200096.70	41592.1705	994695.20	28.6754	6581.61	10.8082	89856.55
155	CCV	499.4644	202833.52	4828.4185	1225379.36	4991.4960	121946.66	291.5775	67925.06	9.7404	82660.88

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
156	CCB	0.0761	163.34	0.6161	6474.86	2.4788	188.21	-0.1419	6.67	-0.0103	154.67
157	IP220608-6MB ...	0.6988	420.03	-1.2761	6034.68	3.1112	203.25	-0.0285	33.33	-0.0013	231.00
158	IM220608-6LCS...	486.0073	199953.08	462.8954	126121.95	1019.9883	25345.61	195.5004	46159.29	9.5839	82397.23
159	2205515-101 10X	6261.0823	2518174.75	828.5856	211730.44	31964.1246	773082.56	23.8078	5531.18	13.2906	111682.19
160	2205515-102 10X	5654.1692	2257686.79	873.4609	221895.84	32668.6549	784470.68	32.8962	7578.72	10.8538	90592.16
161	2205515-103 10X	5694.4732	2267472.99	1206.1151	297268.05	33289.5501	797151.31	26.1197	6004.68	12.8667	107042.85
162	2205515-104 10X	5780.0603	2290332.15	1168.0534	291677.51	38450.0577	916198.91	29.6503	6778.39	12.8217	106159.15
163	2205515-105 10X	4972.0298	2037457.52	974.6391	244311.93	27050.8670	666714.40	31.1344	7358.64	11.1580	95576.56
164	2205515-106 10X	5094.3889	2077355.70	1013.2936	258849.34	21964.4713	538724.21	31.5404	7415.31	11.7341	99999.71
165	2205515-107 10X	6058.7475	2435282.52	1391.3391	348557.42	44725.5254	1081163.63	31.1787	7231.92	13.5870	114108.52
166	2205515-107L ...	1232.4354	508033.21	271.4820	76276.19	8957.0277	222110.79	6.6202	1606.82	2.7205	23621.80
167	CCV	502.5492	206875.38	4878.3631	1257840.61	5075.9808	125728.67	293.9976	69423.25	9.8198	84488.71
168	CCB	0.0813	166.68	0.1878	6491.56	3.5103	215.42	-0.1141	13.33	-0.0075	179.67
169	2205515-107MS...	7939.2711	3215437.35	2031.1020	506638.65	49325.8305	1201365.60	101.8355	23698.13	25.2704	213628.45
170	2205515-107MS...	7668.0475	3119616.41	1991.9295	497457.10	47321.4459	1157670.53	95.4107	22306.04	24.1907	205432.65
171	2205515-107A ...	6535.7528	2667889.13	3324.9216	815766.71	46227.3204	1134709.67	322.5358	75573.63	23.0758	196630.47
172	2205515-108 10X	6430.0441	2602853.82	1460.6647	366937.98	47221.0178	1149462.70	34.3712	8019.63	14.1024	119263.41
173	CCV	514.9429	209825.71	4738.6218	1222555.48	5073.5242	124368.27	294.0864	68747.71	9.8543	83916.88
174	CCB	0.0274	143.34	0.0092	6424.85	-0.1033	124.51	-0.1133	13.33	-0.0082	172.33
175	IP220609-2MB ...	0.8109	456.70	0.9670	6441.51	3.1851	201.10	-0.1123	13.33	-0.0024	217.67
176	IM220609-2LCS...	484.9974	199478.24	467.1512	126932.81	1025.5812	25472.59	196.8541	46470.28	9.5928	82466.25
177	IM220609-2LCS...	488.3506	201083.83	474.9181	128208.80	1052.7056	26173.65	196.1542	46352.92	9.6962	83436.68
178	2205515-109 10X	0.7624	446.70	-0.2512	6304.85	0.1476	130.28	-0.0438	30.00	-0.0011	233.33
179	2205515-110 10X	1.0518	560.04	0.9040	6568.29	3.3351	206.41	-0.1128	13.33	-0.0004	237.00
180	2205515-111 10X	1.1105	586.70	-0.4176	6261.50	0.8515	146.86	-0.0570	26.67	-0.0032	214.00
181	CCV	514.3057	209625.98	4905.7756	1255447.38	5148.1075	126238.24	295.6646	69141.92	9.8521	83928.86
182	CCB	-0.0869	96.67	0.0522	6378.21	-0.9230	104.42	-0.1420	6.67	-0.0070	183.67
183	2205638-246 10X	2.0103	950.07	1.0109	6494.92	13.7184	461.10	-0.0560	26.67	0.0008	246.67
184	2205638-251 10X	2.5434	1173.43	9.0886	8642.67	9.6596	364.44	0.0399	50.00	0.0077	307.67
185	2205638-252 10X	2.0009	940.07	2.3532	6931.77	26.8203	778.33	-0.1276	10.00	0.0033	266.33
186	2205638-253 10X	2.1991	1023.41	1.0206	6528.20	8.2409	327.22	-0.0562	26.67	0.0026	260.67

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
187	2205638-254 10X	1.5708	756.71	2.9173	6928.52	7.6688	306.95	0.0486	50.00	-0.0003	233.00
188	CCV	513.8460	207419.89	4848.2261	1247402.07	5152.0805	125105.40	297.5341	68904.34	9.9685	84087.66
189	CCB	-0.0486	106.67	-0.2881	5984.62	1.7125	161.18	-0.1119	13.33	-0.0049	191.00
190	IP220610-1MB ...	0.9469	510.03	-2.1020	5744.57	0.9880	147.13	-0.0549	26.67	-0.0028	213.67
191	IM220610-1LCS...	478.0439	193477.78	463.2766	123401.80	1027.5009	25106.68	190.7424	44310.48	9.4098	79593.41
192	IM220610-1LCS...	483.9214	192444.96	466.7063	123378.61	1060.5485	25467.06	194.4135	44364.02	9.5260	79169.64
193	2205638-1 10X	7255.0707	3096794.64	3268.9129	826272.41	11596.7069	297761.72	99.4240	24392.38	27.4342	244414.94
194	2205638-2 10X	6806.2928	2880175.79	2668.5473	678241.58	10591.7526	269635.15	96.5868	23489.07	24.6889	218071.08
195	2205638-3 10X	7773.5286	3223543.70	2722.8226	686366.86	14105.3100	351901.48	106.6446	25419.13	33.0104	285698.10
196	2205638-4 10X	8480.1768	3592292.34	2305.6381	590895.32	10571.8466	269403.67	127.0320	30898.25	28.8984	255480.64
197	2205638-5 10X	6550.8214	2753952.04	2910.3229	731063.95	15031.3658	380099.53	105.5072	25487.41	35.5566	311916.25
198	2205638-7 10X	7069.3203	2910204.75	2402.3128	592485.11	17740.3414	439266.53	96.3303	22783.18	30.3675	260909.92
199	2205638-8 10X	7342.7109	3062079.22	3075.8779	777388.40	10789.9154	270637.38	114.9057	27534.06	24.9422	217107.88
200	CCV	504.0635	198889.34	4729.5147	1190118.99	5119.9444	121522.94	291.0696	65896.26	9.7589	80460.42
201	CCB	0.0048	130.01	0.6026	6348.20	-0.0435	121.81	-0.1408	6.67	-0.0087	163.00
202	2205638-9 10X	7877.5002	3303417.55	3028.6747	759985.82	11065.4997	279137.67	105.2233	25350.51	26.1200	228620.04
203	2205638-10 10X	7976.1491	3221966.83	2320.1603	569677.63	21951.5594	533351.79	48.4761	11271.12	34.2074	288361.39
204	2205638-11 10X	7262.8842	2903412.25	2065.0293	506790.11	22355.7801	537401.35	53.1012	12225.22	30.4735	254204.80
205	2205638-12 10X	7675.4267	3177087.45	3169.6755	787432.12	11836.6879	294723.10	89.6269	21324.55	35.6649	308036.60
206	2205638-13 10X	7563.6089	3100068.29	2680.5318	660191.40	16346.0347	402943.95	97.4774	22941.40	41.6285	355991.08
207	2205638-14 10X	7713.5639	3155177.35	3078.6999	768327.67	10510.0095	258635.40	80.8501	19014.03	30.1289	257199.77
208	2205638-15 10X	8730.7957	3562489.32	2508.6497	619830.94	10399.4512	255270.83	90.9565	21315.17	33.4965	285222.73
209	2205638-16 10X	7601.9837	3134967.97	2235.7096	562025.10	12438.7538	308582.31	71.6642	16996.82	33.5750	288913.23
210	2205638-17 10X	8049.0768	3296612.24	2320.6221	575564.86	12890.8545	317595.67	66.3107	15628.14	35.6276	304497.61
211	CCV	497.2622	194221.91	4696.2723	1165138.29	4984.9289	117136.01	292.2299	65467.63	9.7695	79743.28
212	CCB	0.0583	146.67	0.0514	6108.06	1.5054	154.07	-0.0351	30.00	-0.0099	148.33
213	2205638-18 10X	8147.7116	3355747.56	3556.2319	882638.63	10281.4100	254768.05	117.1337	27718.52	35.1627	302192.86
214	2205638-19 10X	7631.9492	3148668.71	3734.3629	925032.12	10362.0429	257256.59	94.1148	22322.83	32.4334	279269.63
215	2205638-20 10X	7492.8083	3073981.00	3898.9369	959983.42	11475.2631	283190.42	106.1375	25020.82	33.3863	285814.81
216	2205638-21 10X	8348.7705	3449345.99	2929.4172	725003.14	11791.7845	293089.13	142.0886	33722.07	35.6307	307201.92
217	CCV	493.4468	193606.78	4719.7061	1169314.85	4919.8715	116113.49	291.4436	65598.02	9.6729	79307.26

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
218	CCB	0.0799	153.34	-0.1326	6011.36	2.0346	164.70	-0.1255	10.00	-0.0099	146.67
219	IP220610-2MB ...	0.9051	483.37	-1.9108	5671.21	3.0173	193.16	-0.1110	13.33	-0.0042	197.67
220	IM220610-2LCS...	488.8955	192644.42	466.8412	123251.75	1064.3677	25329.31	195.8585	44297.54	9.6898	79774.29
221	2205638-22 10X	8427.0830	3475329.95	2870.0863	711995.17	10235.1553	253927.59	145.2333	34398.01	37.9821	326844.06
222	2205638-23 10X	8092.2889	3266484.85	2981.0942	728941.32	12995.9264	315619.85	111.0739	25703.48	34.3594	289394.12
223	2205638-24 10X	7288.2138	2931593.08	2900.5181	712211.03	9881.0667	239136.64	68.9222	15945.43	26.8577	225491.69
224	2205638-25 10X	6862.0111	2784256.83	2635.7925	656095.59	10357.2874	252785.23	69.3923	16189.94	25.2101	213511.78
225	2205638-26 10X	7378.6460	2967207.56	3086.7223	758517.23	10437.0346	252480.21	79.7225	18436.24	27.8576	233753.66
226	2205638-27 10X	8232.4953	3284904.01	2220.3385	548649.21	10290.2309	247019.74	70.5675	16194.13	28.2679	235417.63
227	2205638-28 10X	8154.8397	3328851.41	2087.6620	524263.29	10128.1529	248762.94	76.6823	17982.85	26.8127	228476.68
228	2205638-29 10X	8246.1105	3349254.32	2338.7408	591202.32	11302.2441	276144.49	62.3352	14564.32	28.2190	239217.38
229	CCV	491.5373	190862.64	4656.5095	1157223.84	4967.9583	116040.01	291.0913	64842.02	9.6936	78658.03
230	CCB	0.0779	153.34	0.1234	6108.05	2.1631	168.66	-0.1700	0.00	-0.0087	157.33
231	2205638-30 10X	7633.5314	3106741.83	3411.3228	843465.30	12619.9696	308952.62	63.4013	14847.35	40.1412	340886.46
232	2205638-31 10X	7942.7363	3098749.43	2611.2211	620909.82	32244.2836	756509.55	88.4302	19833.51	35.4602	288678.23
233	2205638-32 10X	7697.0305	3186036.20	2996.0310	761947.28	10886.3626	271089.62	109.0490	25938.20	35.9351	310375.55
234	2205638-33 10X	8214.7555	3461883.80	2754.2915	700311.53	8922.0789	226240.48	99.8437	24192.23	33.4593	294277.55
235	2205638-34 10X	6807.2910	2883452.98	3091.4990	785020.09	11327.5603	288686.38	86.2263	20990.85	27.5392	243472.48
236	2205638-35 10X	7441.0787	3118027.25	2097.6585	545249.15	10309.0992	259897.70	69.0122	16629.03	24.8103	217033.60
237	2205638-36 10X	10130.0784	4331999.21	2549.6746	646897.75	22944.5205	590158.12	65.8072	16194.70	38.8578	346699.72
238	2205638-37 10X	9591.4701	4037818.38	2827.7717	722888.27	14206.9018	359749.87	72.8713	17640.52	40.5740	356382.04
239	2205638-38 10X	6867.1274	2926024.44	2446.5684	638343.08	7791.6577	199761.67	86.4065	21154.01	23.1267	205695.95
240	2205638-39 10X	7930.5763	3419489.01	2103.1424	552450.40	7188.4088	186509.15	89.8112	22252.59	23.8845	214982.85
241	CCV	497.0633	207455.32	4727.0749	1255153.39	4997.9230	125460.56	293.9864	70383.99	9.8019	85482.99
242	CCB	0.0835	170.01	-0.7282	6381.52	-0.2174	123.98	-0.1700	0.00	-0.0110	151.67
243	2205638-40 10X	7418.6312	3189633.49	2615.9446	685379.26	12706.4836	328622.70	69.4487	17180.41	34.4153	308748.49
244	2205638-40L 50X	1614.2408	675460.12	551.5988	152118.67	4889.7965	123148.17	13.8587	3367.20	7.4028	64825.05
245	2205638-40MS ...	8887.7740	3767777.24	3226.4358	827419.00	13794.2297	351759.10	132.0501	32159.29	45.9555	406450.40
246	2205638-40MSD...	8867.6580	3740356.61	3227.8607	823266.42	13798.3020	350097.14	142.7825	34604.20	46.8271	412085.25
247	2205638-40A 10X	7061.5553	2933613.60	4183.6159	1058627.56	14020.1558	350331.19	337.5356	80496.92	40.3680	349917.42
248	CCV	491.6273	202679.34	4627.4068	1216034.77	5010.1711	124243.23	302.7884	71613.34	9.7548	84032.97

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
249	CCB	-0.0041	130.01	-0.0434	6488.21	0.5993	141.45	-0.1143	13.33	-0.0087	167.67
250	RINSE	2.5456	1170.10	1.0498	6504.93	4.1282	226.32	-0.1129	13.33	0.0044	277.67
251	RINSE	1.9408	923.41	1.2675	6604.99	3.2635	205.68	-0.0696	23.33	0.0045	279.00
252	RINSE	2.2534	1070.09	0.2302	6454.85	5.2991	259.02	-0.1143	13.33	0.0044	282.33

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0373	835.59	0.0038	245.56	0.2324	5924.69	0.0019	90.00	0.0133	126.67
2	RINSE	0.0235	683.36	0.0040	247.78	0.2078	5657.91	0.0009	70.00	0.0073	94.45
3	RINSE	0.0221	660.02	0.0052	260.01	0.2469	6071.40	0.0019	90.00	0.0100	107.78
4	BLANK	0.0000	423.35	0.0000	214.45	0.0000	3200.45	0.0000	53.33	0.0000	55.56
5	H/1000	0.4857	6062.31	0.2654	2283.52	5.6378	72765.24	0.1103	2252.41	0.5042	2855.85
6	H/100	4.9017	57814.04	2.1573	17358.16	51.2509	640874.60	1.0474	21542.08	5.0112	28123.13
7	H/10	50.1034	561746.26	21.0221	164334.91	502.4780	5984146.79	10.4115	206660.23	50.7761	272170.26
8	HIGH	499.9907	4992984.94	199.8962	1513778.27	4999.7391	53055745.88	99.9584	1865597.08	499.9223	2388012.68
9	RINSE	0.0183	614.47	0.0037	243.34	0.2386	5948.04	0.0023	96.67	0.0129	123.34
10	ICV	101.0295	1099887.46	40.9280	310439.01	960.1980	11107412.75	20.6621	398560.39	97.5592	507960.48
11	ICB	0.0009	405.57	0.0060	248.90	0.0500	3567.21	0.0011	70.00	0.0024	64.44
12	LIV	1.0002	11569.73	0.5617	4502.90	10.6610	129510.60	0.5332	10486.78	2.0039	10752.56
13	ICSA	0.2224	2701.37	1.2605	9586.29	23999.6856	2.66371E+08	0.0563	1103.39	0.0399	248.90
14	ICSAB	51.0004	533029.26	21.8528	164363.53	24553.3868	2.72514E+08	10.2706	192879.56	50.1033	250374.39
15	CCV	49.9713	577064.77	20.6931	169874.50	498.6846	6118021.78	10.3204	211983.40	50.4974	278806.18
16	CCB	-0.0011	408.90	0.0035	245.56	0.1521	5067.70	0.0000	52.22	0.0037	76.67
17	IP220609-4MB ...	0.0300	761.14	0.0134	320.01	2.0063	27681.00	0.0005	63.34	0.0076	96.67
18	IM220609-4LCS...	49.1300	569026.11	10.1876	80920.55	475.0114	5845105.33	10.2679	206583.40	48.8721	270635.63
19	2206139-1 10X	9.1105	99888.14	1568.5692	12294768.12	11968.0392	1.38897E+08	7.7683	155688.04	29.4939	154130.71
20	2206139-1L 50X	1.7519	20472.82	329.9691	2599470.31	2356.0919	28672048.74	1.5864	32102.55	5.9135	32443.26
21	2206139-1MS 10X	58.1610	639232.06	1574.3639	12336967.29	12286.0406	1.43413E+08	16.6111	337611.57	76.1913	400403.99
22	2206139-1MSD ...	60.6080	661403.98	1663.0880	13155391.14	15035.5045	1.74262E+08	17.9657	361993.76	79.2811	413679.97
23	2206139-1A 10X	59.0462	654074.94	1555.4460	12447488.95	12386.9010	1.45725E+08	17.6599	360482.32	79.4729	420926.37
24	CCV	49.8396	566678.61	20.7887	164239.71	499.0807	6028353.66	10.3766	208522.64	50.3472	273710.21
25	CCB	-0.0012	401.12	0.0211	381.12	0.1901	5454.51	0.0006	63.33	0.0014	62.22
26	IP220607-2MB ...	0.0519	974.49	0.0445	546.68	4.0976	51178.20	0.0015	80.00	0.0121	116.67
27	IM220607-2LCS...	49.2087	572491.78	10.2801	81762.33	481.7797	5955711.58	10.3240	209376.98	49.3187	274346.89
28	2205515-21 10X	2.7522	32028.94	196.3001	1588084.69	8947.2031	1.09208E+08	5.2439	109967.26	4.8491	26696.30
29	2205515-22 10X	2.8123	33270.31	154.9514	1286920.71	7925.4583	98367595.20	4.1837	89482.67	4.8903	27376.30
30	2205515-23 10X	3.0062	35377.98	162.1296	1354088.94	8315.3296	1.02756E+08	4.3866	94797.46	5.2978	29524.55
31	2205515-24 10X	2.9818	35115.13	168.3444	1393798.14	8635.2726	1.06774E+08	4.7071	100048.50	5.2109	29059.19

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2205515-25 10X	2.9221	33896.00	250.2994	2034018.53	8667.7861	1.05543E+08	5.0605	105648.54	5.0380	27670.14
33	2205515-26 10X	2.8118	32929.65	160.8135	1313880.33	8455.9736	1.03898E+08	4.2384	88741.15	4.9103	27213.85
34	2205515-27 10X	3.3178	38511.57	175.7717	1434899.18	8108.5538	98942631.86	4.8614	102106.79	5.5609	30604.23
35	2205515-28 10X	3.0153	35476.03	162.7515	1322140.40	8190.5029	1.01178E+08	4.5838	96200.52	5.2025	28985.75
36	CCV	49.1849	550116.89	20.3187	160725.64	491.7976	5843787.00	10.1689	202112.32	49.8751	266712.63
37	CCB	-0.0001	406.68	0.0077	270.01	0.1774	5207.73	0.0001	53.33	0.0004	55.56
38	2205515-29 10X	3.2419	37967.03	163.2222	1330244.01	8026.2742	98786985.20	4.7760	101186.58	5.5082	30573.07
39	2205515-30 10X	3.1435	36450.39	161.9802	1315523.45	8615.1623	1.04947E+08	4.9684	104752.15	5.8373	32064.81
40	2205515-31 10X	3.0254	34664.19	174.5464	1405110.50	9613.7092	1.15670E+08	4.1966	86668.11	4.9350	26785.41
41	2205515-32 10X	3.1419	36218.65	160.1338	1285644.46	8497.9900	1.02923E+08	5.0699	104338.05	5.3817	29396.45
42	2205515-33 10X	2.8995	33170.06	164.1241	1299090.26	7782.7433	93462785.27	4.7762	97538.28	4.9906	27028.01
43	2205515-34 10X	2.9367	33038.68	231.8350	1827727.29	11600.3417	1.36988E+08	5.0478	101803.36	5.4787	29176.08
44	2205515-34L 50X	0.5634	6859.29	46.2895	361297.42	2268.4074	27576533.76	1.0079	20326.13	1.0809	5968.94
45	2205515-34MS ...	52.0993	584787.81	233.8303	1858085.34	13227.1162	1.57665E+08	15.1806	310960.67	54.0087	289858.16
46	2205515-34MSD...	53.0540	587728.14	224.1136	1764727.01	12341.5383	1.45178E+08	15.1648	306317.77	55.5579	294265.01
47	2205515-34A 10X	51.1766	557430.88	252.3421	1949394.30	12035.2654	1.39210E+08	14.8440	295867.15	54.7557	285153.22
48	CCV	47.9309	530734.68	20.5365	157960.70	484.9042	5704383.46	10.0697	196112.04	49.0517	259679.72
49	CCB	-0.0038	351.12	0.0144	304.45	0.2770	6158.10	-0.0002	45.55	0.0010	56.67
50	2205515-35 10X	4.6872	52046.27	238.9566	1860789.51	11768.6255	1.37802E+08	7.9609	160625.86	10.6935	56410.97
51	2205515-36 10X	3.1451	35845.59	169.2371	1329042.06	8365.8553	1.00167E+08	4.7488	96497.61	6.0368	32590.22
52	2205515-37 10X	4.1629	46695.80	197.3792	1537457.51	11687.0662	1.38113E+08	5.9077	119476.23	7.3681	39249.21
53	2205515-38 10X	4.6947	53078.27	277.6916	2205744.01	15513.9159	1.84946E+08	5.6629	116466.24	7.0676	37980.66
54	2205515-39 10X	5.0730	58469.66	253.2882	2073024.29	14528.1123	1.76675E+08	5.3759	113134.39	6.9117	37893.81
55	2205515-40 10X	5.0432	57506.39	322.3197	2631452.81	20537.2688	2.47083E+08	5.7281	121854.91	7.1676	38876.05
56	CCV	48.2287	524991.01	20.2980	154168.78	485.4733	5614537.00	10.0343	192298.41	48.8145	254047.02
57	CCB	0.0031	440.10	0.0030	228.89	0.4942	8954.46	-0.0002	46.67	-0.0018	43.34
58	IP220607-4MB ...	0.0237	683.36	0.0152	330.01	1.0019	15274.62	0.0011	73.33	0.0055	84.45
59	IM220607-4LCS...	48.5234	541546.24	10.0169	76660.39	470.4094	5577859.29	10.2153	197696.38	48.6495	259590.41
60	2205515-41 10X	5.0715	56924.36	280.2138	2232521.65	19216.9201	2.27581E+08	5.8810	122043.93	7.4663	39856.12
61	2205515-42 10X	7.0243	78520.91	73.6433	589758.34	9344.5623	1.10441E+08	5.8971	123445.45	10.7492	57240.47
62	2205515-43 10X	4.2275	47783.43	211.6630	1695963.82	12218.9770	1.45517E+08	6.1375	127485.88	7.1916	38607.56

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	2205515-44 10X	4.4699	50961.69	205.9622	1652660.01	11949.6895	1.43608E+08	5.3177	110492.48	6.4435	34909.34
64	2205515-45 10X	5.4862	60313.00	318.2854	2484111.08	14607.7461	1.69544E+08	5.3893	108595.32	7.1890	37615.37
65	2205515-45L 50X	1.1517	13143.17	67.8384	512665.05	2986.6432	35121377.81	1.1325	22234.13	1.4542	7749.70
66	2205515-45MS ...	53.9498	581966.68	326.9568	2494027.82	15752.4022	1.80451E+08	14.8297	295902.82	55.0765	284084.18
67	2205515-45MSD...	54.8815	579871.92	335.0488	2545320.11	15432.5436	1.73163E+08	15.1235	300514.78	56.1516	283677.11
68	CCV	47.7656	513196.25	20.5478	151611.60	484.9215	5535359.71	10.0530	189595.96	48.7279	250312.42
69	CCB	-0.0043	337.79	0.0100	263.34	0.2917	6171.43	0.0004	54.45	0.0030	65.55
70	2205515-45A 10X	53.1518	563648.85	343.8307	2604176.28	15330.6433	1.72646E+08	14.9061	293171.35	55.3222	280500.85
71	2205515-46 10X	4.7731	53160.85	196.3929	1539460.22	9198.7998	1.08045E+08	5.4448	111890.34	6.7703	35846.96
72	2205515-47 10X	4.9435	55135.04	73.4747	584891.50	9277.1958	1.09160E+08	7.7336	158723.78	9.4461	50086.20
73	2205515-48 10X	4.2169	47335.52	167.0607	1307657.97	10655.8189	1.26033E+08	5.6050	115260.28	6.7945	36230.10
74	2205515-49 10X	3.9426	44533.31	207.1474	1652402.61	13183.7183	1.56809E+08	5.3965	111705.93	6.6669	35747.90
75	2205515-50 10X	4.0767	46497.66	200.5218	1604372.57	10373.1201	1.24626E+08	5.9013	123525.93	7.3105	39592.31
76	2205515-51 10X	4.7162	54245.43	261.9690	2110090.33	12704.9443	1.54102E+08	5.2494	109295.33	6.6284	36245.73
77	2205515-52 10X	3.9430	45176.13	50.1832	401287.85	7941.3650	95810935.24	5.3378	111949.54	6.0525	32923.14
78	2205515-53 10X	4.6727	53242.20	84.2410	683083.43	9810.7864	1.17876E+08	7.7646	163196.15	8.8431	47880.82
79	2205515-54 10X	4.6454	53712.56	212.3004	1705689.27	11681.7240	1.42429E+08	6.5657	136502.31	7.7974	42853.75
80	CCV	47.6029	539527.41	20.2443	157743.29	480.3795	5784640.96	10.1443	199372.70	48.2600	261507.41
81	CCB	-0.0050	358.90	0.0084	276.67	0.3177	7035.14	0.0004	60.00	-0.0010	48.89
82	2205515-55 10X	4.3254	48547.86	201.0271	1588934.59	14426.8718	1.70663E+08	6.9699	142019.78	7.7620	41386.60
83	2205515-56 10X	3.8729	44660.28	160.8861	1301108.25	15987.0173	1.94096E+08	6.2371	130526.06	6.8368	37418.27
84	2205515-57 10X	4.2046	47255.19	90.8990	723879.94	10167.9583	1.20407E+08	5.9975	124319.41	7.0993	37896.03
85	2205515-58 10X	4.3010	48995.85	144.8986	1159110.99	12336.2263	1.48083E+08	6.9090	143823.97	7.4862	40507.86
86	2205515-59 10X	4.5560	51478.81	103.5095	821760.64	9421.2640	1.12239E+08	8.4684	175052.29	8.8064	47282.41
87	2205515-60 10X	4.7091	53933.34	195.3874	1559445.42	11591.9754	1.40009E+08	6.6318	138468.24	8.5618	46600.45
88	2205515-60L 50X	0.9211	10919.31	39.2789	305963.26	2321.6193	28147054.58	1.3654	27173.75	1.6477	9044.82
89	2205515-60MS ...	51.8676	565943.21	203.6311	1571911.67	11621.2759	1.34658E+08	15.3133	307614.10	54.7607	285686.12
90	2205515-60MSD...	52.7892	580368.10	266.9401	2060210.27	14109.3489	1.64728E+08	16.5917	332876.90	56.9475	299344.99
91	2205515-60A 10X	51.6282	559700.66	211.2505	1632239.14	12034.9995	1.38552E+08	15.9035	320457.04	56.8247	294533.87
92	ZZZ										
93	ZZZ										

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	CCV	47.2117	502005.47	20.5507	148712.57	480.7731	5431348.88	10.0457	185026.85	47.9268	243650.07
95	CCB	-0.0078	317.79	0.0026	218.89	0.1644	5017.64	-0.0003	44.44	0.0004	55.56
96	IP220608-1MB ...	0.0335	780.03	0.0196	354.45	1.1297	16508.95	0.0013	74.44	0.0089	101.11
97	IM220608-1LCS...	46.8781	513851.89	9.8271	73513.96	462.4767	5385879.09	9.9906	188588.28	47.1655	247186.62
98	IM220608-1LCS...	47.4140	518072.50	9.8717	73551.88	462.9894	5374766.59	10.1693	190517.41	47.8835	250147.05
99	2205515-61 10X	4.0012	44629.17	224.0441	1757507.95	12963.5920	1.52281E+08	7.1902	145924.14	7.8614	41622.93
100	2205515-62 10X	4.6225	51016.20	203.8795	1567860.18	13612.3774	1.58414E+08	4.1284	82350.47	4.8887	25661.39
101	2205515-63 10X	4.6560	49921.86	155.6160	1157364.96	12107.8846	1.36899E+08	3.8083	73900.77	4.7582	24265.90
102	2205515-64 10X	4.1183	45533.73	148.9650	1151165.23	9608.0793	1.11900E+08	5.1498	102399.30	6.5503	34391.68
103	2205515-65 10X	4.1795	46605.51	113.4332	876026.44	8215.0112	96534178.56	6.2508	125160.24	7.7033	40804.13
104	2205515-66 10X	4.4512	49247.78	95.1813	744508.55	8747.6397	1.02021E+08	4.0986	82906.45	6.4518	33924.05
105	2205515-67 10X	4.2041	46770.41	94.6890	725524.24	5737.4636	67252020.66	3.7794	74860.55	5.8298	30812.47
106	CCV	46.7911	504759.39	20.1127	148836.23	478.5401	5484223.88	9.9982	186833.75	47.7003	246008.62
107	CCB	-0.0104	282.23	0.0065	243.34	0.2219	5574.55	0.0005	57.78	-0.0019	42.22
108	2205515-68 10X	5.4247	60261.67	82.9549	664063.27	10469.6122	1.22778E+08	6.3090	130957.07	5.5941	29582.27
109	2205515-69 10X	5.5738	60635.12	240.7677	1830079.16	14034.1471	1.61193E+08	6.1107	122023.46	8.1401	42138.54
110	2205515-70 10X	5.4679	59886.26	262.8844	2026101.38	15793.9644	1.82616E+08	6.1286	122559.48	7.7924	40609.31
111	2205515-71 10X	3.5361	39747.78	220.0546	1712863.23	13419.0990	1.58677E+08	6.4313	128840.77	5.3547	28558.29
112	2205515-72 10X	4.5631	50528.20	191.4200	1493522.13	11908.3128	1.39010E+08	5.0489	102311.04	6.8990	36311.24
113	2205515-73 10X	6.0128	64487.57	305.7945	2272253.73	12777.7959	1.44760E+08	4.3127	84507.95	7.5438	38523.07
114	2205515-74 10X	5.8258	63964.43	166.7399	1272120.54	10226.0163	1.18580E+08	3.4890	69396.92	5.8919	30807.92
115	2205515-75 10X	5.6001	59690.57	144.2094	1073430.86	10669.7694	1.20076E+08	3.4843	67165.43	6.0194	30545.28
116	2205515-76 10X	6.3179	66170.57	162.2967	1192125.37	12914.0059	1.42908E+08	4.4953	85536.35	7.0500	35167.80
117	2205515-77 10X	5.5587	58603.46	163.1359	1188826.07	9696.1588	1.07933E+08	3.5970	68699.54	5.9605	29916.34
118	CCV	46.7657	506229.30	20.3841	149469.64	474.2371	5453838.88	9.9480	186379.32	47.6857	246786.69
119	CCB	-0.0083	308.90	0.0020	214.45	0.2530	5998.03	0.0000	48.89	-0.0015	44.45
120	2205515-78 10X	5.1378	54146.34	195.7799	1437751.85	9515.3786	1.05822E+08	3.6372	68545.65	5.4659	27414.15
121	2205515-79 10X	6.8545	73423.36	198.1473	1477736.16	12900.7085	1.46081E+08	4.0554	79333.82	7.9125	40385.20
122	2205515-80 10X	5.7973	62141.92	214.8260	1617636.78	11772.8548	1.33281E+08	4.3138	84113.70	6.9753	35596.46
123	CCV	46.7620	505056.11	20.0696	148679.80	477.8656	5483281.79	9.7887	184582.59	47.6420	246012.57
124	CCB	-0.0099	295.56	0.0043	237.78	0.2423	5961.35	0.0002	54.45	0.0016	62.22

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
125	IP220608-2MB ...	0.2830	3482.64	0.0388	483.34	4.0087	49469.01	0.0012	71.11	0.0081	94.45
126	IM220608-2LCS...	46.7937	506874.98	9.8938	72143.58	458.5093	5276631.38	9.9823	185659.59	46.3905	240250.82
127	2205515-81 10X	5.1444	55603.17	179.0410	1341683.73	10153.2628	1.15807E+08	3.8042	73893.74	5.9852	30781.18
128	2205515-82 10X	6.0003	63967.85	181.4034	1360242.03	11973.6331	1.34844E+08	3.9264	76872.03	6.7833	34437.30
129	2205515-83 10X	6.8859	73017.90	96.4111	707546.34	15130.2338	1.69611E+08	4.6942	90729.32	9.2149	46550.39
130	2205515-84 10X	6.6321	69428.50	109.5311	796718.63	12659.2171	1.40070E+08	4.0411	76148.78	7.6760	38283.60
131	2205515-85 10X	6.7510	72051.77	117.6979	876289.32	12618.1089	1.42367E+08	3.9397	77729.18	7.4899	38086.43
132	2205515-86 10X	7.0260	75807.15	253.8675	1923745.13	13217.9981	1.50780E+08	4.0291	80119.68	7.9440	40842.95
133	2205515-87 10X	6.4641	68667.43	339.2508	2528931.15	12413.7954	1.39361E+08	3.7695	73690.89	7.4447	37673.27
134	2205515-88 10X	5.9675	63775.76	195.9331	1463309.98	12121.8767	1.36858E+08	4.1262	80052.23	6.9240	35242.50
135	CCV	46.5119	520991.51	20.0191	152788.21	474.3596	5644446.17	9.9315	192355.36	47.4476	254096.19
136	CCB	-0.0091	307.78	0.0082	272.23	0.2739	6431.59	0.0004	58.89	-0.0026	40.00
137	2205515-89 10X	6.7129	71461.36	185.8286	1391962.62	14283.3380	1.60719E+08	4.4533	86752.03	8.6642	43938.69
138	2205515-90 10X	5.9790	65123.12	270.2934	2064143.67	12945.5752	1.48933E+08	4.0506	80222.21	7.9375	41160.53
139	2205515-91 10X	5.4584	60471.44	158.8899	1233670.61	10200.9783	1.19304E+08	3.6525	73670.94	6.2140	32767.35
140	2205515-91L 50X	1.1062	12753.94	32.6066	248391.89	2064.9820	24501348.80	0.7665	15119.34	1.2409	6680.34
141	2205515-91MS ...	54.6762	589711.78	163.8359	1266480.12	10909.5028	1.24960E+08	13.1182	263032.13	54.5247	281184.33
142	2205515-91MSD...	54.7923	593622.42	167.7497	1306160.92	10905.8021	1.25478E+08	13.4247	271146.35	55.1571	285748.65
143	2205515-91A 10X	53.3826	581524.80	179.5652	1400470.29	10787.5917	1.24790E+08	13.1641	267644.49	54.5836	284291.92
144	2205515-92 10X	5.6019	61966.94	178.7256	1372389.77	10457.8527	1.22143E+08	3.6535	73735.77	6.0423	31818.78
145	2205515-93 10X	6.9710	75487.98	231.9847	1768858.89	13595.4140	1.55644E+08	4.8184	96142.31	7.6844	39653.49
146	2205515-94 10X	5.8360	64294.60	172.9838	1336174.49	11575.7876	1.34682E+08	3.8520	77550.73	6.5475	34343.86
147	CCV	48.0561	530431.59	20.4276	155287.59	485.5804	5694278.04	9.8883	193412.30	48.7730	257386.41
148	CCB	-0.0113	283.34	0.0101	286.67	0.2612	6244.76	0.0001	53.33	-0.0003	52.22
149	2205515-95 10X	6.4592	70310.96	112.3000	862645.10	11959.1796	1.37573E+08	3.9066	78299.58	7.5726	39265.92
150	2205515-96 10X	6.8824	75030.29	120.6855	929072.71	13108.2069	1.51062E+08	4.1178	82562.64	8.0717	41924.64
151	2205515-97 10X	6.1502	66058.03	183.2417	1416974.18	12200.0230	1.38421E+08	4.4808	89082.76	6.8989	35286.92
152	2205515-98 10X	7.5699	81700.23	231.7923	1776001.39	13898.8259	1.58650E+08	4.3552	86773.76	8.7038	44773.26
153	2205515-99 10X	6.2661	68738.85	220.7147	1732326.56	12064.5354	1.39837E+08	4.2409	85504.26	7.0016	36583.03
154	2205515-100 10X	7.0510	77142.20	135.7145	1042154.64	13328.5462	1.54171E+08	4.1969	84979.09	8.3850	43711.53
155	CCV	47.6074	533077.06	19.9365	156433.72	479.9909	5710013.25	9.8692	195679.69	47.9252	256572.00

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
156	CCB	-0.0078	328.90	0.0087	286.67	0.3306	7245.28	-0.0009	35.55	0.0055	85.57
157	IP220608-6MB ...	0.0296	770.03	0.0219	391.12	0.8458	13733.00	0.0012	78.89	0.0083	102.23
158	IM220608-6LCS...	47.7618	548402.96	9.7670	77738.85	466.2710	5688462.21	9.9326	200309.29	47.7006	261859.86
159	2205515-101 10X	6.3005	69715.29	219.7342	1706412.12	12635.1703	1.47724E+08	4.3824	88603.13	6.9612	36689.95
160	2205515-102 10X	7.3737	81157.77	181.2849	1397827.65	14616.4409	1.70128E+08	4.2420	86461.54	8.8874	46617.35
161	2205515-103 10X	6.2794	67616.52	182.7491	1404845.99	12563.4667	1.42940E+08	4.2880	86394.18	7.3870	37885.99
162	2205515-104 10X	6.2556	68202.38	202.9726	1552903.27	12203.3346	1.40580E+08	4.2288	85087.41	7.3020	37915.02
163	2205515-105 10X	5.8855	64179.60	162.2887	1284134.98	11037.3392	1.27119E+08	3.4640	70320.73	6.4614	33551.05
164	2205515-106 10X	5.4847	61038.00	156.5155	1232421.69	10131.2479	1.19028E+08	3.6136	72811.41	5.9495	31517.15
165	2205515-107 10X	6.4862	71161.15	187.4575	1454657.09	11775.9600	1.36534E+08	4.2768	87284.65	7.3161	38235.66
166	2205515-107L ...	1.3083	15371.77	37.7275	300420.20	2358.2391	28655680.41	0.8991	18387.11	1.4942	8226.62
167	CCV	47.7820	543515.00	20.1155	160019.90	486.5719	5879874.70	9.9362	199676.53	48.7132	264920.12
168	CCB	-0.0060	357.79	0.0060	267.78	1.6381	23807.92	0.0005	63.33	0.0030	73.34
169	2205515-107MS...	56.6423	619075.08	214.2557	1675477.89	13432.0132	1.55919E+08	13.8457	284551.10	55.6016	290610.12
170	2205515-107MS...	55.2978	604964.06	209.9941	1649562.09	13197.5752	1.53332E+08	13.7329	280739.03	54.7436	286366.38
171	2205515-107A ...	55.1169	595186.21	206.6770	1628789.49	12409.8893	1.42320E+08	13.6739	279839.76	56.0050	289159.79
172	2205515-108 10X	6.8277	75159.96	209.3979	1636633.86	12554.8698	1.46096E+08	4.3688	89758.70	7.5964	39842.89
173	CCV	47.9786	546094.77	20.1727	158808.29	483.4775	5846445.74	9.9734	199377.69	48.4217	263501.85
174	CCB	-0.0060	357.79	0.0001	218.89	0.2644	6545.01	0.0002	57.78	-0.0021	44.44
175	IP220609-2MB ...	0.0034	450.01	0.0066	264.45	0.3851	7768.88	0.0015	83.33	-0.0006	51.11
176	IM220609-2LCS...	47.9910	549844.56	9.8769	78595.27	465.7303	5669183.46	9.9857	199625.98	47.5796	260633.43
177	IM220609-2LCS...	48.5669	553233.50	9.9511	79278.27	470.7104	5696626.37	9.9827	200975.00	48.1051	261986.43
178	2205515-109 10X	0.0219	680.03	0.0250	416.68	0.7449	12468.64	0.0007	67.78	0.0026	70.00
179	2205515-110 10X	0.0288	756.89	0.0060	262.23	0.6071	10687.32	0.0015	82.22	0.0046	81.11
180	2205515-111 10X	0.0210	670.02	0.0213	385.57	1.6171	23331.12	0.0020	93.33	0.0016	64.45
181	CCV	47.9869	541851.51	20.2481	159475.67	488.8862	5864882.00	10.0884	199541.55	48.4898	261768.59
182	CCB	-0.0099	306.67	0.0232	405.80	0.1733	5347.99	-0.0002	48.89	0.0048	82.22
183	2205638-246 10X	0.0255	707.81	0.0561	656.69	1.9527	26916.30	0.0016	84.45	0.0077	96.67
184	2205638-251 10X	0.3824	4829.66	0.4010	3394.84	7.3208	92920.64	0.0166	384.45	0.6460	3620.45
185	2205638-252 10X	0.0355	832.26	0.3040	2593.57	20.0494	250499.62	0.0035	122.23	0.9779	5485.44
186	2205638-253 10X	0.1046	1620.11	0.2529	2195.73	20.1444	249600.08	0.0030	112.22	1.0758	5978.97

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
187	2205638-254 10X	0.0469	943.38	0.1344	1250.07	9.7762	121135.09	0.0020	90.00	1.1521	6315.74
188	CCV	47.5285	539541.56	20.4345	159372.13	483.0757	5826043.25	9.8819	196596.34	47.9536	260264.69
189	CCB	-0.0083	310.01	0.0022	224.45	0.1250	4524.49	-0.0006	38.89	-0.0003	51.11
190	IP220610-1MB ...	0.0162	606.69	0.0141	322.23	2.8209	37851.37	0.0006	64.45	0.0079	98.89
191	IM220610-1LCS...	47.4590	532815.47	9.7783	76571.04	466.9422	5569616.17	9.8917	194577.14	47.1913	253305.30
192	IM220610-1LCS...	47.1902	526001.04	9.7940	75356.71	466.2076	5520883.25	9.8743	194015.74	47.2056	251560.89
193	2205638-1 10X	29.0025	322874.76	596.7914	4918056.33	19808.0151	2.34019E+08	5.9544	127759.58	18.4847	98359.80
194	2205638-2 10X	23.2804	260229.76	538.0881	4396062.32	18015.0608	2.13655E+08	5.5566	118130.05	17.5099	93537.64
195	2205638-3 10X	13.1312	145780.46	543.8131	4354880.66	24718.6675	2.90808E+08	6.5098	137183.10	22.6126	119808.34
196	2205638-4 10X	10.6727	120354.09	568.4045	4649232.45	23640.1043	2.82322E+08	6.9836	149556.33	42.8343	230335.30
197	2205638-5 10X	16.3409	180778.24	857.6000	6959866.11	25779.5134	3.02403E+08	6.4154	136644.14	14.2318	75200.10
198	2205638-7 10X	12.6978	137769.88	894.0427	7105876.11	25311.6322	2.91007E+08	6.6374	138960.65	22.8429	118271.26
199	2205638-8 10X	13.5518	150976.95	640.2891	5154801.88	18066.0594	2.13319E+08	5.7922	122686.30	12.6670	67383.98
200	CCV	46.9034	520675.36	20.1987	153975.63	475.9815	5613581.17	9.9353	192696.86	47.8871	254159.78
201	CCB	-0.0115	281.12	0.0138	317.79	0.2984	6721.66	0.0010	71.11	-0.0012	47.78
202	2205638-9 10X	15.7185	173782.77	685.6507	5551148.53	20166.2493	2.36387E+08	6.5854	139746.36	14.9227	78792.46
203	2205638-10 10X	12.8660	138918.64	840.1841	6553220.02	31322.2439	3.58377E+08	12.3742	250550.28	28.8907	148854.50
204	2205638-11 10X	10.7351	115781.48	729.1226	5626911.30	28680.0814	3.27621E+08	11.9912	242611.29	27.9133	143578.78
205	2205638-12 10X	13.5834	148778.58	791.9774	6329261.97	26031.2440	3.02186E+08	7.9657	165642.15	19.3598	101220.35
206	2205638-13 10X	13.3456	144735.18	1078.5650	8534661.33	33717.2837	3.87534E+08	8.6507	179532.53	22.2078	114949.35
207	2205638-14 10X	15.1602	166728.27	683.7422	5400051.31	21323.4530	2.48613E+08	7.4764	154886.44	24.4914	128594.76
208	2205638-15 10X	22.3919	243179.76	781.0720	6153448.78	26004.3008	2.99631E+08	9.0945	189015.38	134.2436	696372.94
209	2205638-16 10X	13.7780	152221.97	826.9861	6584445.30	28791.9562	3.37144E+08	8.6486	178846.44	20.9152	110300.07
210	2205638-17 10X	12.3115	134295.31	1012.2095	8004848.29	32589.9644	3.76667E+08	9.7866	200702.84	23.2954	121256.50
211	CCV	46.9674	514045.19	20.1459	152049.91	481.9004	5603356.58	9.8862	189685.22	47.6373	249263.88
212	CCB	-0.0073	323.35	0.0196	351.12	0.4342	8242.42	0.0006	62.22	0.0015	61.11
213	2205638-18 10X	20.9237	228942.64	728.6350	5793490.74	25535.1291	2.96393E+08	7.3112	151809.65	16.1274	84319.40
214	2205638-19 10X	22.2080	242567.09	657.1406	5233998.26	23336.6984	2.70429E+08	6.8659	142675.54	16.6493	86903.81
215	2205638-20 10X	21.2659	230961.46	655.1038	5188773.82	24071.0858	2.77344E+08	6.9310	142806.60	14.5229	75376.19
216	2205638-21 10X	27.9576	304462.60	772.9408	6166635.45	24550.2812	2.83737E+08	6.8592	142243.97	25.8615	134598.60
217	CCV	46.9305	512934.58	19.8461	150435.63	477.5152	5545149.29	9.7029	187156.42	47.8319	249955.49

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
218	CCB	-0.0104	286.67	0.0137	304.45	0.4621	8492.55	0.0010	70.00	-0.0011	46.67
219	IP220610-2MB ...	0.0249	691.14	0.0306	441.12	0.8824	13716.31	0.0010	71.11	0.0057	84.44
220	IM220610-2LCS...	48.0842	535270.74	10.0495	76580.10	474.5898	5612880.33	10.0373	195659.58	47.8275	254547.87
221	2205638-22 10X	21.4049	233703.23	718.5550	5721597.83	25242.6207	2.92382E+08	6.8162	142968.41	28.5537	148933.21
222	2205638-23 10X	22.4354	241511.25	817.1543	6369017.66	26462.2290	3.02241E+08	8.1508	167009.65	24.9321	128234.86
223	2205638-24 10X	12.2397	132453.30	600.9837	4668024.54	19807.6975	2.27111E+08	7.4656	150251.90	16.5836	85648.62
224	2205638-25 10X	10.8012	118446.08	568.7800	4455585.52	18480.4929	2.14630E+08	7.1501	145187.38	16.0501	83967.33
225	2205638-26 10X	12.1699	131869.21	637.9923	4952242.72	20527.4736	2.35665E+08	7.4743	151438.39	20.5913	106470.88
226	2205638-27 10X	11.7679	127846.68	710.9279	5476208.39	24603.3642	2.83170E+08	9.5407	194575.52	34.4380	178468.63
227	2205638-28 10X	11.1982	123558.32	705.8144	5563340.89	23322.1851	2.72575E+08	9.7673	201756.92	46.7045	245779.33
228	2205638-29 10X	12.1098	134650.13	742.1238	5819395.74	23737.4164	2.79647E+08	10.1104	208153.42	48.0123	254672.86
229	CCV	46.5562	510363.47	20.1577	151223.09	475.6219	5539030.54	9.8510	188649.47	47.5177	249042.95
230	CCB	-0.0067	328.90	0.0196	350.01	0.5000	8989.51	0.0006	62.22	0.0026	66.67
231	2205638-30 10X	11.4149	124568.85	1956.5611	15373157.72	28058.2331	3.24349E+08	9.0421	186385.57	18.1867	94692.06
232	2205638-31 10X	11.3723	119098.50	2682.3114	20202669.75	26407.8894	2.92952E+08	11.5996	230909.92	33.7229	168458.46
233	2205638-32 10X	17.3756	194625.55	711.7297	5687865.89	25659.9383	3.04794E+08	7.1442	150154.61	14.9686	80091.91
234	2205638-33 10X	15.1373	169444.58	872.0661	7096450.83	27999.6964	3.32257E+08	8.3812	179358.53	25.8987	138406.70
235	2205638-34 10X	11.0255	123489.09	546.0774	4466196.63	20293.2097	2.40741E+08	6.4112	135532.11	14.3047	76443.53
236	2205638-35 10X	10.3363	118094.43	520.7138	4213007.89	19645.7084	2.37692E+08	7.3140	155198.69	45.2239	246367.63
237	2205638-36 10X	13.7560	153582.76	4375.6796	36127988.57	30183.9228	3.57167E+08	11.7460	253454.30	41.7640	222532.13
238	2205638-37 10X	14.1452	159278.58	2532.1248	20580297.52	27863.8220	3.32547E+08	10.5370	224279.89	24.3058	130634.04
239	2205638-38 10X	8.7865	100997.01	462.9893	3808679.85	16054.9066	1.95307E+08	6.0065	128118.71	13.9742	76578.53
240	2205638-39 10X	9.7494	112601.32	438.3537	3649259.86	18368.9415	2.24609E+08	6.7673	147066.94	57.4960	316548.21
241	CCV	47.0440	551005.36	20.3128	163780.11	482.1370	5999954.08	9.9495	203695.69	47.8480	267953.17
242	CCB	-0.0118	294.45	0.0308	473.34	0.6324	11434.52	0.0013	81.11	-0.0005	54.44
243	2205638-40 10X	11.7674	135767.00	1976.9903	16411683.24	24018.7496	2.93602E+08	7.7862	167023.53	31.5520	173671.94
244	2205638-40L 50X	2.4589	29211.53	444.0448	3587096.94	5002.4476	62238245.74	1.7296	35638.77	6.6564	37334.81
245	2205638-40MS ...	58.7972	663548.90	2073.8297	16973258.77	25212.0397	3.02172E+08	16.9320	361886.82	77.2932	417068.49
246	2205638-40MSD...	59.1265	663588.74	2044.3127	16646647.12	25568.0658	3.04746E+08	16.9606	359783.46	78.3050	420171.91
247	2205638-40A 10X	57.2707	638824.37	1813.3812	14545530.53	22143.4780	2.62312E+08	16.1704	339260.67	75.6671	403571.46
248	CCV	46.6142	540355.90	20.1542	160521.59	475.0002	5849859.70	9.8348	198620.78	47.2192	261695.08

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
249	CCB	-0.0049	373.34	0.0492	608.91	0.5681	10480.48	0.0000	54.44	-0.0002	55.56
250	RINSE	0.0125	557.80	0.0395	525.57	0.9419	14603.86	0.0021	92.22	0.0039	75.56
251	RINSE	0.0051	476.68	0.0391	524.46	0.8804	13946.58	0.0008	68.89	0.0066	91.12
252	RINSE	0.0044	476.68	0.0297	457.79	0.8487	13813.11	0.0001	54.44	0.0081	101.12

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0105	4544.04	0.3753	1516.81	0.0152	24.67	0.0044	1.60	0.0396	386.69
2	RINSE	0.0095	4560.71	0.5766	2050.23	0.0086	17.33	0.0029	1.33	0.0456	433.36
3	RINSE	0.0241	4699.63	0.0819	666.71	0.0044	12.67	0.0009	0.93	0.0436	413.36
4	BLANK	0.0000	4527.37	0.0000	456.70	0.0000	7.67	0.0000	0.80	0.0000	50.00
5	H/1000	1.0876	19016.80	2.3778	7285.25	0.1061	125.67	0.0975	19.47	0.1053	946.74
6	H/100	10.4556	145255.59	21.4348	62772.38	1.1031	1258.72	1.0345	200.13	0.9995	8822.81
7	H/10	106.4315	1375099.60	211.9266	593521.65	10.7615	11998.10	10.4213	1922.52	10.0737	85562.06
8	HIGH	999.3522	11475394.82	1998.7926	4861282.84	99.9228	107993.26	99.9575	16429.72	99.9926	798311.42
9	RINSE	-0.0179	4137.24	0.1015	730.06	0.0033	11.33	0.0031	1.33	0.0427	406.69
10	ICV	215.0171	2694202.46	413.9344	1121726.10	20.5922	22282.91	20.2160	3622.01	19.7235	162764.37
11	ICB	-0.1760	2020.16	0.0024	436.70	0.0032	10.67	0.0040	1.47	0.0024	66.67
12	LIV	2.0490	30612.11	10.9887	31317.54	0.2068	233.00	1.0298	190.00	0.5011	4244.11
13	ICSA	-0.1116	2703.60	0.2026	946.73	0.0177	26.00	0.0238	4.80	0.2942	2400.29
14	ICSAB	103.8089	1250417.24	208.3191	532360.06	10.5270	11293.61	10.2446	1762.10	10.4000	83571.22
15	CCV	106.6557	1419301.57	213.8619	608370.29	10.6038	12413.42	10.2469	1947.19	9.9063	87077.16
16	CCB	-0.2289	1446.75	-0.0137	410.03	0.0017	9.67	0.0041	1.60	0.0043	86.67
17	IP220609-4MB ...	-0.2147	1614.55	-0.0335	350.02	0.0021	10.00	0.0050	1.73	0.0032	76.67
18	IM220609-4LCS...	107.7718	1438251.40	204.6347	580168.69	9.6713	10939.03	9.8805	1883.04	9.8033	84402.32
19	2206139-1 10X	26.8424	341217.59	99.1080	269056.71	10.4927	11743.26	1.7395	313.47	112.2501	962083.89
20	2206139-1L 50X	5.1998	72891.97	19.9854	57234.91	2.1013	2370.51	0.3638	69.33	22.9094	198051.20
21	2206139-1MS 10X	124.3132	1573927.16	289.0381	784173.22	19.4839	21795.57	11.0295	1994.79	124.4438	1081765.24
22	2206139-1MSD ...	133.3604	1676355.91	343.7839	932129.18	20.1956	22808.29	11.3009	2029.86	122.7629	1058029.46
23	2206139-1A 10X	130.3756	1663528.37	303.4739	834283.95	20.5483	23479.87	11.8193	2154.41	121.9134	1064406.08
24	CCV	105.4909	1382313.14	212.8117	598569.96	10.7037	12060.48	10.2161	1911.18	9.9789	85816.38
25	CCB	-0.2496	1148.94	-0.0121	406.69	0.0039	12.00	0.0044	1.60	0.0040	83.34
26	IP220607-2MB ...	-0.1803	1989.04	0.0647	613.38	0.0043	12.00	0.0069	2.00	0.0096	126.67
27	IM220607-2LCS...	108.0535	1448726.85	203.0778	582580.60	9.6946	10983.73	9.7556	1867.84	9.7738	84831.80
28	2205515-21 10X	8.6481	118639.54	35.6101	103240.17	4.9304	5699.02	0.9331	177.20	21.7780	195333.45
29	2205515-22 10X	8.9282	124389.47	34.2620	100438.84	4.8655	5774.04	0.9288	179.33	24.1969	221294.61
30	2205515-23 10X	9.8023	135537.20	37.0197	107771.23	4.9596	5917.09	1.0841	208.27	24.8233	229401.42
31	2205515-24 10X	9.8992	136912.86	38.6024	113621.12	5.3562	6336.25	1.0549	202.80	23.8614	216876.07

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2205515-25 10X	8.9481	122300.35	37.0818	106802.94	5.0198	5827.73	0.9162	173.60	23.9566	213879.18
33	2205515-26 10X	8.7747	121104.95	37.1129	107248.18	4.4955	5249.20	0.8856	169.33	21.7164	194463.70
34	2205515-27 10X	10.0682	137353.95	39.5292	113564.32	4.4312	5169.51	0.9928	188.40	25.6113	230010.75
35	2205515-28 10X	9.5002	131448.12	36.1003	106077.73	4.7433	5506.95	1.0105	194.13	26.1723	234880.59
36	CCV	103.8084	1338085.47	208.6126	582595.72	10.4024	11733.92	10.2727	1890.38	9.9001	84198.63
37	CCB	-0.2630	956.71	-0.0680	250.01	0.0005	8.00	0.0060	1.87	0.0041	83.34
38	2205515-29 10X	10.0647	138488.59	36.7462	106603.87	4.8589	5658.01	1.1156	213.47	28.0640	254257.05
39	2205515-30 10X	9.9738	135871.27	39.8329	113880.70	4.9459	5738.70	1.0166	192.67	31.3124	282304.39
40	2205515-31 10X	9.4889	127885.78	39.9985	114817.10	4.9863	5735.03	0.8880	166.27	22.7300	200722.70
41	2205515-32 10X	9.8669	133687.25	39.4179	112956.80	4.7915	5496.95	0.9784	184.27	30.1314	265181.91
42	2205515-33 10X	8.8255	119009.94	35.9424	102924.09	4.3763	4949.77	0.8826	164.93	24.3465	212599.08
43	2205515-34 10X	8.7325	115861.06	40.5827	114638.35	5.8854	6628.37	1.0146	186.40	26.7568	230765.64
44	2205515-34L 50X	1.6521	26152.11	7.8268	23084.09	1.1940	1336.39	0.2168	41.60	5.3617	46177.50
45	2205515-34MS ...	116.4817	1506292.13	234.7045	671548.14	14.9342	16940.82	10.1975	1883.44	38.1590	334383.08
46	2205515-34MSD...	119.3445	1523227.30	237.3454	676489.13	15.7713	17728.32	10.6390	1939.18	39.9265	344983.45
47	2205515-34A 10X	111.2679	1396427.55	240.1030	665202.23	16.0469	17696.62	11.0852	1986.79	35.8393	305554.47
48	CCV	102.4627	1307592.24	203.7859	568554.03	10.2938	11291.60	10.1089	1841.84	9.8557	82134.20
49	CCB	-0.2595	963.37	-0.0245	360.02	0.0000	7.00	0.0086	2.27	0.0001	46.67
50	2205515-35 10X	10.9026	142359.45	104.0769	288329.76	5.4167	6026.14	1.1957	217.60	73.8942	637591.80
51	2205515-36 10X	10.2120	136623.97	35.7300	102105.90	4.5429	5100.15	1.0329	192.27	32.6354	283565.94
52	2205515-37 10X	10.9637	144463.63	42.9320	120661.75	4.4434	4945.11	1.1571	212.53	24.4379	211350.83
53	2205515-38 10X	11.5073	152746.25	48.3315	138073.66	4.7131	5349.90	1.1924	221.07	40.7636	358490.40
54	2205515-39 10X	12.3189	166487.90	49.4358	141835.71	3.9893	4667.02	1.2324	232.93	53.8242	484339.77
55	2205515-40 10X	12.1698	162769.73	51.0187	146106.98	4.1980	4898.42	1.4472	270.53	59.8544	544443.61
56	CCV	102.2608	1282914.81	202.5470	560188.57	10.4587	11329.28	10.2280	1832.10	9.7438	79900.28
57	CCB	-0.2665	904.49	-0.0529	296.68	0.0018	9.33	0.0038	1.47	0.0050	90.00
58	IP220607-4MB ...	-0.2595	1013.38	-0.0378	343.35	0.0013	9.00	0.0051	1.73	0.0096	130.01
59	IM220607-4LCS...	105.9222	1362268.25	197.3123	552435.99	9.7877	10668.17	9.8925	1816.63	9.7072	80392.34
60	2205515-41 10X	13.6960	179775.17	55.3811	154125.68	4.1647	4741.71	1.5773	290.13	71.8893	637891.11
61	2205515-42 10X	26.8601	347698.98	98.7587	275397.97	4.3471	4974.11	2.2968	421.08	114.3220	1023314.41
62	2205515-43 10X	10.7675	143055.25	46.1227	132020.13	4.9368	5652.66	1.2521	231.60	34.4297	305887.12

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	2205515-44 10X	13.9323	185505.95	52.2277	150957.55	4.1382	4745.38	1.2952	242.00	83.1232	738503.19
64	2205515-45 10X	11.3672	146957.48	51.0428	143682.57	3.8989	4348.93	1.3368	241.07	63.9397	550914.00
65	2205515-45L 50X	7.9434	105325.43	14.0274	40628.37	0.8188	890.03	0.2638	48.80	13.4688	112893.35
66	2205515-45MS ...	114.9285	1428606.30	241.5825	665976.32	12.8531	13997.03	10.0296	1780.37	73.7384	629312.22
67	2205515-45MSD...	117.3175	1428118.24	244.7033	668534.05	12.6889	13763.16	10.5647	1836.77	76.7171	652097.64
68	CCV	101.4310	1256012.90	200.1839	550541.70	10.4617	11010.08	10.1369	1792.10	9.7536	78716.58
69	CCB	-0.2700	812.26	-0.0513	286.68	0.0002	7.00	0.0051	1.60	0.0007	50.00
70	2205515-45A 10X	111.5793	1363396.89	247.1726	669182.31	13.8105	14935.53	11.3407	1978.92	73.4360	617740.77
71	2205515-46 10X	12.9729	169111.40	52.5879	149472.55	3.9249	4397.94	1.5202	277.33	89.7539	788635.40
72	2205515-47 10X	22.2835	287937.85	64.4993	181054.33	5.1810	5890.75	1.7613	321.73	112.4017	986501.76
73	2205515-48 10X	11.6329	153150.47	43.0123	122623.46	6.7298	7523.76	1.4092	258.80	33.7618	296912.76
74	2205515-49 10X	11.0459	146452.62	42.0821	119814.66	6.9193	7886.60	1.3906	256.93	32.8579	290884.37
75	2205515-50 10X	11.4454	153124.00	44.8963	127802.33	5.5542	6347.93	1.3753	256.67	50.9449	455997.12
76	2205515-51 10X	12.2953	165747.58	46.2691	133712.04	4.6261	5325.22	1.2479	235.20	81.0866	721805.54
77	2205515-52 10X	13.4040	179328.58	54.9620	159812.69	3.8585	4408.95	1.5634	292.93	73.2098	656562.41
78	2205515-53 10X	16.3428	216789.48	55.2663	161707.31	4.7827	5540.63	1.5344	286.27	119.6013	1075059.65
79	2205515-54 10X	11.8214	160356.02	42.9587	124466.04	6.1959	7112.24	1.4631	277.07	46.3241	411897.55
80	CCV	102.1179	1333887.86	201.2056	572445.87	10.4709	11635.51	10.0497	1874.11	9.9696	83840.16
81	CCB	-0.2771	790.03	-0.0345	353.36	-0.0014	6.00	0.0071	2.13	0.0059	100.00
82	2205515-55 10X	12.7742	167776.54	49.6016	139950.11	6.5931	7443.39	1.4244	261.73	50.5456	440474.79
83	2205515-56 10X	12.0408	162559.33	49.6420	142635.53	8.0465	9293.34	1.3111	247.33	55.6591	498120.03
84	2205515-57 10X	14.4256	189102.58	52.3710	148003.26	4.3369	4935.77	1.5660	288.00	85.5334	758146.01
85	2205515-58 10X	13.9567	185606.21	58.4354	165738.61	5.3980	6169.53	1.3842	258.13	91.3098	812850.93
86	2205515-59 10X	15.9197	209506.53	53.8358	153039.51	4.8004	5444.26	1.6760	310.00	108.2902	957451.08
87	2205515-60 10X	14.0597	188114.54	50.5940	144558.60	7.0831	8075.03	1.5618	292.93	41.3892	369581.80
88	2205515-60L 50X	2.5575	37953.99	9.9854	29357.48	1.4293	1595.09	0.2927	55.73	8.2968	70542.40
89	2205515-60MS ...	117.9664	1482876.95	232.9837	651771.84	14.6155	16104.32	10.0918	1811.97	50.6513	435180.21
90	2205515-60MSD...	117.1852	1484283.97	240.0533	672379.52	15.3484	16912.12	10.3258	1867.84	52.6974	452235.01
91	2205515-60A 10X	116.9154	1460263.76	242.7915	677026.42	16.7715	18496.49	11.2260	2002.53	49.5987	427503.52
92	ZZZ										
93	ZZZ										

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	CCV	100.4811	1231417.38	194.8496	535710.31	10.4347	10769.91	10.2158	1787.30	9.9574	78479.76
95	CCB	-0.2716	840.03	-0.0473	310.01	0.0012	8.33	0.0038	1.47	-0.0009	40.00
96	IP220608-1MB ...	-0.2492	1127.83	-0.0239	380.02	-0.0025	4.67	0.0052	1.73	0.0081	113.34
97	IM220608-1LCS...	103.2472	1304276.20	190.7933	529385.59	9.5566	10184.21	9.6165	1734.76	9.5460	77109.80
98	IM220608-1LCS...	104.1362	1311287.10	193.4357	531248.56	9.5133	10094.81	9.7156	1746.77	9.5748	76762.03
99	2205515-61 10X	12.3821	161620.33	53.4892	150475.86	5.7178	6406.28	1.3084	238.80	58.8284	510606.16
100	2205515-62 10X	10.0791	131122.39	33.3511	94554.76	4.8305	5307.88	1.1265	203.73	91.2671	778292.54
101	2205515-63 10X	9.7477	123349.14	31.6334	87401.78	4.8178	5120.49	1.1460	201.47	94.3640	782736.81
102	2205515-64 10X	13.1365	169738.52	42.2272	118371.49	4.2908	4737.37	1.2720	230.13	77.1501	655998.05
103	2205515-65 10X	15.4197	200292.54	44.7788	125624.63	4.6913	5176.84	1.3135	239.73	98.0792	839789.23
104	2205515-66 10X	19.9858	256398.49	47.7657	134451.23	3.6858	4120.87	1.3452	243.73	84.6611	732116.89
105	2205515-67 10X	17.4863	225990.48	36.6355	103492.16	2.9199	3199.66	1.2377	225.47	75.6853	640908.90
106	CCV	100.0314	1243694.85	196.2386	542715.86	10.2979	10867.31	9.9249	1761.70	9.6942	77524.84
107	CCB	-0.2821	687.81	-0.0527	293.35	0.0019	9.00	0.0048	1.60	0.0026	66.67
108	2205515-68 10X	19.5063	251725.68	46.9318	132845.22	6.3437	7251.97	2.3283	423.61	111.1601	986643.79
109	2205515-69 10X	11.8216	151058.81	47.2879	131326.05	4.5786	4972.78	1.3472	240.40	59.4404	507620.55
110	2205515-70 10X	11.6757	150252.88	49.2290	138097.73	4.6921	5167.84	1.3237	237.87	52.7187	450878.07
111	2205515-71 10X	8.5999	114309.05	37.0751	105870.31	3.4195	3805.12	0.8641	159.07	35.9649	308122.78
112	2205515-72 10X	8.6061	112931.98	39.6610	111949.85	4.3625	4864.74	1.2564	227.87	36.9203	319891.48
113	2205515-73 10X	7.7656	99295.07	31.1577	86546.73	5.2833	5610.32	1.0627	187.20	50.8857	426325.10
114	2205515-74 10X	5.9417	78756.85	25.0963	70058.05	4.3638	4757.05	0.9273	167.33	15.8924	135149.33
115	2205515-75 10X	6.2723	80461.69	29.5100	80492.91	4.5493	4838.74	1.1684	204.40	31.4292	259013.83
116	2205515-76 10X	6.7307	84611.08	32.5510	88229.22	5.3759	5641.66	1.1947	205.47	31.8973	259542.78
117	2205515-77 10X	6.3255	80223.82	25.8783	70506.83	4.3418	4522.31	1.1507	199.07	22.0137	179760.14
118	CCV	99.8342	1245536.37	196.2066	542192.32	10.3364	10808.28	9.9000	1763.30	9.5749	76778.16
119	CCB	-0.2718	825.59	-0.0650	260.01	-0.0001	7.00	0.0061	1.87	0.0050	86.67
120	2205515-78 10X	7.9952	100238.00	28.4088	77716.05	4.3862	4603.34	1.1960	206.67	55.0088	443168.83
121	2205515-79 10X	8.1261	103659.45	37.1141	100442.48	5.5175	5879.09	1.2439	218.93	35.4614	296602.41
122	2205515-80 10X	6.7052	86247.62	29.0310	80225.35	4.5499	4895.75	1.0746	189.20	40.7526	339756.23
123	CCV	99.6248	1240156.82	197.0241	545094.72	10.2327	10810.93	10.0365	1783.57	9.7238	78452.84
124	CCB	-0.2784	753.36	-0.0664	260.01	0.0007	8.00	0.0016	1.07	0.0003	50.00

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
125	IP220608-2MB ...	-0.2362	1261.18	-0.0572	280.02	-0.0023	4.67	-0.0019	0.40	0.0073	103.34
126	IM220608-2LCS...	102.4242	1278579.88	188.1279	521723.05	9.6058	9978.07	9.7051	1729.70	9.6865	77089.49
127	2205515-81 10X	6.0991	79407.43	24.5175	66734.18	4.4557	4770.72	0.9627	170.80	64.6560	536931.37
128	2205515-82 10X	6.9252	88465.65	30.9813	84921.65	4.8314	5177.84	1.0715	187.60	38.0866	318849.45
129	2205515-83 10X	9.8233	123200.64	44.0283	117763.80	5.9720	6259.89	1.3220	230.13	44.6933	369373.67
130	2205515-84 10X	8.4216	104832.63	31.2298	84194.29	6.5120	6765.42	1.1576	199.07	63.2023	509192.23
131	2205515-85 10X	8.8447	112054.85	31.2604	84841.49	6.6219	7041.21	1.1862	208.00	57.7709	487300.28
132	2205515-86 10X	7.9144	101816.71	31.3281	86349.27	6.0295	6527.33	1.1941	211.73	45.5416	387185.93
133	2205515-87 10X	7.4838	94976.21	28.9616	78680.99	5.4911	5849.40	1.2487	217.87	64.6115	539960.45
134	2205515-88 10X	6.6205	84968.75	31.7519	86017.42	5.0432	5383.57	1.1913	208.93	34.7141	287956.45
135	CCV	99.3723	1282928.25	197.7794	559211.73	10.2561	11163.52	9.8999	1824.77	9.6665	80114.03
136	CCB	-0.2768	785.59	-0.0594	276.68	0.0011	8.67	0.0087	2.40	0.0030	73.34
137	2205515-89 10X	10.9289	137129.54	38.9500	104705.52	5.6370	6032.14	1.1512	201.33	80.0781	666933.01
138	2205515-90 10X	9.4188	121417.12	35.5076	96488.69	5.2977	5780.38	1.0949	195.87	99.3169	840852.31
139	2205515-91 10X	6.8401	90801.29	26.0431	73861.65	4.7469	5266.20	1.0395	189.07	51.0406	440182.96
140	2205515-91L 50X	1.2017	19744.35	5.2540	15467.94	0.9947	1088.04	0.2100	39.33	10.5221	88518.67
141	2205515-91MS ...	110.9486	1378881.23	218.7715	595600.56	13.6087	15017.96	10.3977	1845.44	59.6416	511496.92
142	2205515-91MSD...	111.9264	1397289.60	220.6859	604241.63	13.7504	15283.85	10.4389	1861.04	60.8970	526117.80
143	2205515-91A 10X	107.0177	1343438.91	225.6797	615194.44	14.8375	16519.39	11.2368	2014.39	60.1365	522949.07
144	2205515-92 10X	6.5921	87537.73	26.3952	72947.16	4.7831	5247.20	1.1051	200.67	42.2532	364546.95
145	2205515-93 10X	8.4548	108877.19	36.7003	100110.02	5.8609	6384.61	1.3809	245.60	41.9901	358246.14
146	2205515-94 10X	6.5158	86244.30	31.0920	85866.74	4.8416	5343.90	1.3016	235.33	34.9339	300694.48
147	CCV	101.8686	1295877.20	201.5945	562130.75	10.4381	11316.28	10.3086	1872.25	9.7274	81413.93
148	CCB	-0.2788	755.59	-0.0476	310.02	-0.0001	7.33	0.0073	2.13	0.0001	50.00
149	2205515-95 10X	7.2051	93853.27	33.6899	92210.78	5.2050	5712.35	1.1917	213.07	50.5094	432832.21
150	2205515-96 10X	7.6527	99602.13	34.4319	93913.21	5.7871	6364.26	1.2127	217.20	60.2561	516506.77
151	2205515-97 10X	7.0338	90471.07	30.2102	82732.98	4.6944	5186.51	1.1151	196.67	80.4496	683775.28
152	2205515-98 10X	8.5894	110222.87	36.4054	98705.64	5.6617	6197.53	1.3463	238.80	90.2216	768492.44
153	2205515-99 10X	8.4581	110273.43	35.6960	98849.01	5.1344	5758.37	1.2250	220.67	38.5833	332625.67
154	2205515-100 10X	7.6718	100206.77	32.7737	89388.65	5.8642	6433.29	1.2259	220.40	64.4747	558150.59
155	CCV	101.0388	1303919.25	201.4554	563782.72	10.2607	11482.41	10.1042	1861.71	9.6247	81658.92

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
156	CCB	-0.2739	837.81	-0.0575	286.68	0.0023	10.33	0.0015	1.07	0.0019	66.67
157	IP220608-6MB ...	-0.2287	1455.64	-0.0733	240.01	0.0002	8.00	0.0062	2.00	0.0087	126.67
158	IM220608-6LCS...	104.3106	1380266.65	198.1248	558168.86	9.5210	10792.93	9.7525	1842.64	9.4639	81678.72
159	2205515-101 10X	6.7750	89949.63	29.8021	81628.82	5.0152	5564.30	1.1032	200.53	51.0751	441510.31
160	2205515-102 10X	8.0386	105453.24	39.2704	106449.51	5.5842	6151.52	1.3116	237.20	58.8949	513259.30
161	2205515-103 10X	7.2654	93566.00	30.9615	84325.23	5.1837	5692.68	1.1817	208.93	52.3627	451098.21
162	2205515-104 10X	7.3807	96171.04	31.0559	84597.15	5.1447	5624.32	1.1313	202.53	59.8499	514864.95
163	2205515-105 10X	7.1045	92706.01	29.6186	81866.10	4.8629	5498.28	1.3333	238.53	51.5156	447049.80
164	2205515-106 10X	6.5072	86980.27	26.3882	73670.93	4.5770	5149.83	0.8758	160.13	33.5294	288822.91
165	2205515-107 10X	7.4472	97629.21	28.8605	79849.17	5.2027	5769.71	1.1132	200.67	102.7682	896714.44
166	2205515-107L ...	1.3137	21693.44	6.1340	17960.68	1.0881	1242.72	0.2269	43.47	21.0252	183485.90
167	CCV	101.0573	1324827.93	202.9671	573524.39	10.3089	11697.23	10.0960	1889.44	9.7192	83572.17
168	CCB	-0.2717	886.71	-0.0271	373.35	-0.0013	6.33	0.0013	1.07	-0.0005	46.67
169	2205515-107MS...	111.0212	1398359.81	222.7484	599734.93	14.6879	16398.28	10.2263	1839.04	120.1080	1055755.76
170	2205515-107MS...	109.4572	1379921.13	220.2358	598015.49	14.3987	16147.71	10.2549	1846.11	118.0418	1032111.44
171	2205515-107A ...	107.1913	1333903.46	226.6786	610470.07	15.2922	17205.77	11.1688	1984.65	111.5344	976338.76
172	2205515-108 10X	7.8552	103119.18	30.8838	83574.71	5.6886	6352.26	1.2874	232.80	109.3082	960117.51
173	CCV	100.6171	1319917.31	203.5579	573330.58	10.4810	11768.94	9.8941	1853.04	9.8335	84131.63
174	CCB	-0.2729	867.81	-0.0269	376.69	0.0006	8.33	0.0041	1.60	0.0033	80.00
175	IP220609-2MB ...	-0.2660	925.59	-0.0285	363.35	0.0013	9.00	0.0044	1.60	0.0040	83.34
176	IM220609-2LCS...	103.9482	1372493.31	194.0117	542835.24	9.3414	10586.46	9.4793	1787.17	9.5206	81437.20
177	IM220609-2LCS...	105.1020	1379694.88	193.2351	547291.80	9.2672	10515.42	9.3443	1751.97	9.6544	83173.08
178	2205515-109 10X	-0.2669	940.04	-0.0424	330.02	-0.0009	6.67	0.0007	0.93	0.0072	113.34
179	2205515-110 10X	-0.2582	1051.16	-0.0304	363.35	0.0006	8.33	0.0008	0.93	0.0098	133.34
180	2205515-111 10X	-0.2524	1135.61	-0.0325	360.02	-0.0006	7.00	0.0090	2.53	0.0077	116.67
181	CCV	101.1566	1316427.72	204.8295	573872.48	10.2942	11564.46	10.2636	1906.91	9.7651	82647.68
182	CCB	-0.2763	812.25	-0.0376	343.35	-0.0033	4.00	0.0091	2.53	0.0039	83.33
183	2205638-246 10X	-0.2560	1063.39	0.0659	640.04	-0.0012	6.33	0.0128	3.20	0.0329	330.02
184	2205638-251 10X	0.0075	4566.26	0.3200	1376.79	0.0088	17.67	0.0036	1.47	0.0327	330.02
185	2205638-252 10X	-0.0840	3371.51	0.0329	550.04	0.0016	9.33	0.0022	1.20	0.1176	1050.09
186	2205638-253 10X	-0.1343	2679.14	0.1889	990.08	0.0052	13.33	0.0050	1.73	0.0647	596.71

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
187	2205638-254 10X	-0.2027	1750.12	0.0702	643.38	0.0029	10.67	0.0016	1.07	0.0226	236.68
188	CCV	99.7195	1304728.18	201.2725	569453.48	10.4281	11598.83	9.9796	1864.11	9.6972	82557.00
189	CCB	-0.2742	801.14	-0.0100	410.03	0.0003	7.67	0.0053	1.73	0.0039	80.00
190	IP220610-1MB ...	-0.2651	953.37	-0.0227	386.69	-0.0023	5.00	0.0029	1.33	0.0068	106.67
191	IM220610-1LCS...	103.1991	1335228.11	194.6316	542356.87	9.2868	10358.31	9.6062	1774.63	9.3615	78798.45
192	IM220610-1LCS...	103.0840	1324175.92	193.9401	538723.63	9.4989	10408.68	9.4790	1738.63	9.4314	79297.03
193	2205638-1 10X	36.4501	470145.19	327.7548	915214.75	29.5065	34707.83	2.3036	422.28	70.3023	645023.43
194	2205638-2 10X	33.0016	427725.14	231.5567	641241.18	24.2661	28298.50	2.1753	400.41	62.6615	569624.07
195	2205638-3 10X	46.0661	590574.75	382.7147	1060799.83	45.0127	51443.37	2.4342	444.28	132.7748	1196435.06
196	2205638-4 10X	30.4624	397895.45	216.2562	604824.93	23.6883	27653.75	2.8786	533.21	131.4365	1203681.81
197	2205638-5 10X	63.4367	809273.14	461.5390	1290447.17	54.4434	63069.93	2.7256	496.01	82.8948	755023.61
198	2205638-7 10X	40.0960	502866.89	384.7141	1051851.23	44.7561	50770.66	2.9362	523.61	83.7429	749715.64
199	2205638-8 10X	28.6149	369811.71	317.5335	890037.77	24.2317	27847.73	2.1150	387.61	108.0818	978956.44
200	CCV	99.7988	1276889.67	198.3596	555380.15	10.3680	11272.59	10.0611	1837.84	9.7934	81270.64
201	CCB	-0.2756	798.92	0.0104	473.36	-0.0007	6.67	0.0022	1.20	0.0009	56.67
202	2205638-9 10X	29.4039	377115.45	319.8680	887291.55	26.1751	30251.34	2.3619	429.61	95.8557	869804.23
203	2205638-10 10X	40.9639	511194.46	271.5883	737502.62	43.2135	48102.59	3.5652	632.54	179.4946	1554392.58
204	2205638-11 10X	35.9357	448213.37	220.2204	597750.75	36.4053	40101.45	3.6955	654.68	164.7318	1425386.02
205	2205638-12 10X	45.8129	579507.62	471.1944	1304524.49	46.4601	52993.63	2.6608	479.08	101.1487	899474.31
206	2205638-13 10X	46.2724	579512.51	478.8327	1340834.77	79.4142	89690.84	2.9312	522.54	118.8132	1054507.01
207	2205638-14 10X	34.0636	433878.59	417.1952	1170834.67	35.0439	39503.31	2.2145	400.68	77.6776	688311.13
208	2205638-15 10X	39.6533	498480.27	252.1612	701163.64	40.4879	45528.28	2.6687	477.08	84.3722	749898.22
209	2205638-16 10X	59.5161	758173.29	358.1604	1002897.77	43.9471	49939.37	3.1174	566.14	128.5633	1136986.26
210	2205638-17 10X	53.1249	668438.55	573.1321	1589872.94	53.4758	60358.65	3.3415	598.94	123.5994	1084032.82
211	CCV	100.2875	1265005.51	199.5331	548624.68	10.2830	11068.79	9.9070	1784.10	9.9062	81333.94
212	CCB	-0.2745	801.15	0.0178	486.69	0.0048	12.33	-0.0012	0.53	0.0060	96.67
213	2205638-18 10X	41.8292	529460.78	462.1982	1274827.98	44.4687	50469.04	2.6581	478.68	97.7301	867832.05
214	2205638-19 10X	39.8669	503984.28	415.1532	1167131.57	38.6327	43926.58	2.5637	460.94	106.1412	943313.84
215	2205638-20 10X	38.3374	482032.53	465.3860	1279742.58	41.9435	47417.91	2.6507	473.88	102.1362	899895.69
216	2205638-21 10X	46.7513	588713.48	488.6944	1351542.58	44.0715	50187.22	2.9452	528.01	102.5649	909545.22
217	CCV	99.7477	1256593.53	196.9909	544760.01	10.1402	10962.05	10.2238	1838.37	9.6601	79733.00

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
218	CCB	-0.2725	820.04	0.0489	573.37	0.0023	9.67	-0.0005	0.67	0.0032	73.33
219	IP220610-2MB ...	-0.2698	871.15	0.0755	656.71	0.0005	8.00	0.0031	1.33	0.0100	130.01
220	IM220610-2LCS...	104.7758	1344106.48	195.1464	545587.87	9.5972	10417.02	9.9193	1817.04	9.4214	78583.80
221	2205638-22 10X	42.8904	541602.88	453.9949	1256499.10	40.7999	46368.63	2.9837	536.01	87.1029	781252.26
222	2205638-23 10X	51.3558	638658.06	539.7300	1485369.56	45.5082	50617.21	3.1777	562.94	91.6100	802741.92
223	2205638-24 10X	40.2445	503347.50	305.9001	843734.13	28.0149	31057.85	1.9591	348.67	81.7789	703860.74
224	2205638-25 10X	31.6115	401385.40	311.6621	869064.75	25.8190	28869.85	1.8683	336.93	77.7745	675395.90
225	2205638-26 10X	35.2693	442212.05	323.7796	900407.04	28.6803	31782.25	2.0953	373.34	82.3089	713213.35
226	2205638-27 10X	32.7283	411666.76	200.5057	552637.88	26.3170	28941.64	2.4220	432.54	94.0056	819923.95
227	2205638-28 10X	32.7382	418195.96	185.9805	516177.92	24.6708	27758.61	2.3564	427.21	84.6686	747978.22
228	2205638-29 10X	36.9525	475219.41	219.5725	614989.50	26.7183	29908.05	2.5394	464.14	85.5622	753380.25
229	CCV	99.2880	1254474.60	196.2065	548997.60	10.3263	11047.76	9.9779	1799.84	9.5633	78378.76
230	CCB	-0.2790	742.25	0.0049	453.36	-0.0011	6.00	0.0002	0.80	0.0003	50.00
231	2205638-30 10X	54.8437	690050.74	2247.1266	6166605.32	70.6268	79210.11	2.8098	503.88	107.6706	949123.27
232	2205638-31 10X	59.2023	714505.28	1631.4693	4354896.71	53.4980	57516.23	3.3383	574.14	123.2745	1049533.97
233	2205638-32 10X	43.1891	559294.37	504.9249	1416517.58	45.1450	51495.55	2.6229	483.34	91.4897	822289.47
234	2205638-33 10X	40.6360	525953.25	464.3508	1294891.49	43.3313	50327.66	3.3758	621.34	74.4802	681624.13
235	2205638-34 10X	30.8616	400367.38	347.6524	986054.67	29.1981	34084.20	2.0547	378.27	88.9931	804484.86
236	2205638-35 10X	29.4797	390246.40	185.4179	522838.27	22.3927	25863.83	2.1619	405.88	86.4923	784985.77
237	2205638-36 10X	85.2044	1095016.45	2955.4575	8269051.34	51.8343	61079.39	3.4720	637.21	136.7701	1262343.52
238	2205638-37 10X	74.8256	970407.22	2532.2420	7110252.60	54.7734	63540.08	3.1074	575.34	116.4062	1059713.03
239	2205638-38 10X	24.4257	325866.68	236.7917	675599.65	17.6739	20756.21	1.9051	359.73	106.3636	970208.34
240	2205638-39 10X	25.3321	339573.16	167.3095	475802.61	15.8459	18834.90	2.2958	435.61	92.2412	857222.25
241	CCV	100.0130	1350184.39	203.9180	585161.24	10.2944	11836.32	9.9995	1927.32	9.7090	85052.98
242	CCB	-0.2802	785.59	0.1768	980.07	-0.0002	7.67	0.0053	1.87	0.0056	100.01
243	2205638-40 10X	38.8502	518194.88	5351.1799	15272601.02	47.6937	56503.26	2.2824	432.94	107.0489	982089.23
244	2205638-40L 50X	8.1926	114791.81	1222.0693	3520699.53	10.5754	12197.92	0.5155	100.13	37.4077	329285.85
245	2205638-40MS ...	142.4640	1851501.45	5812.8956	16336468.51	57.9567	67704.00	11.5305	2141.34	119.6219	1093531.70
246	2205638-40MSD...	142.6335	1843170.76	5761.9816	16074213.51	58.1607	67602.93	11.5334	2129.88	121.4413	1101921.00
247	2205638-40A 10X	135.0273	1734738.75	5013.6034	13916948.96	53.6644	61428.67	11.9988	2202.42	109.4752	982397.28
248	CCV	98.9259	1321738.90	204.0792	581912.74	10.2901	11688.21	9.7201	1853.98	9.7337	84118.04

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
249	CCB	-0.2767	824.48	0.5869	2170.23	0.0017	9.67	0.0027	1.33	0.0022	70.00
250	RINSE	-0.2586	1030.05	0.7989	2693.68	0.0036	11.67	0.0015	1.07	0.0400	383.36
251	RINSE	-0.2637	968.93	0.7594	2560.31	0.0003	8.00	-0.0020	0.40	0.0422	406.69
252	RINSE	-0.2690	915.59	0.6536	2303.60	0.0022	10.33	0.0048	1.73	0.0419	406.69

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0015	36.67	0.0016	52.22	0.0002	178.89	-0.0004	3.99	0.1041	14100.29
2	RINSE	0.0007	23.33	0.0028	65.56	0.0025	227.78	-0.0003	4.66	0.0878	13252.79
3	RINSE	-0.0002	6.67	0.0032	71.11	0.0000	172.23	0.0013	11.33	0.0887	12552.22
4	BLANK	0.0000	10.00	0.0000	33.34	0.0000	178.89	0.0000	6.00	0.0000	9446.63
5	H/1000	0.0205	373.35	0.0990	1204.51	0.0124	447.79	0.0300	138.55	0.7314	41248.71
6	H/100	0.1992	3613.92	0.9715	11858.98	0.1045	2476.90	0.3111	1392.23	5.0905	235527.22
7	H/10	2.0074	35684.27	9.9375	117027.95	1.0257	21758.47	3.0761	13123.26	52.9514	2263541.95
8	HIGH	19.9993	344739.51	100.0065	1107376.62	9.9974	187649.11	29.9923	113998.42	499.7037	19865378.45
9	RINSE	0.0004	16.67	0.0024	61.11	-0.0004	163.34	-0.0006	3.33	0.1183	14407.23
10	ICV	4.1259	71199.03	20.0285	229198.12	1.9998	41038.77	6.0137	24917.66	104.0533	4355809.31
11	ICB	0.0004	16.67	0.0045	82.22	0.0019	205.56	-0.0006	3.32	0.0549	10880.91
12	LIV	0.0521	916.73	0.2000	2353.54	0.0546	1314.52	0.2090	893.80	1.2193	59979.30
13	ICSA	0.0022	46.67	205.5138	2280349.42	0.0048	254.45	0.0096	43.58	0.2290	17974.41
14	ICSAB	2.0538	35119.61	215.3560	2398891.64	1.0048	19870.44	3.0557	12152.77	54.1044	2220932.31
15	CCV	2.0625	38497.28	9.9433	121170.77	1.0240	22368.21	3.0501	13402.43	52.7896	2344808.09
16	CCB	0.0009	26.67	0.0121	176.67	0.0008	195.56	-0.0004	3.98	0.0339	10867.65
17	IP220609-4MB ...	0.0000	10.00	0.0092	142.23	0.0011	198.89	0.0000	5.99	0.2210	18715.63
18	IM220609-4LCS...	1.9383	34965.98	9.8832	117964.70	1.0042	22006.59	2.9852	13155.23	50.8007	2218673.25
19	2206139-1 10X	9.1521	163288.37	2.2253	26484.36	0.1163	2552.46	1.1422	4753.46	1.0797	53839.89
20	2206139-1L 50X	1.8420	33032.00	0.4645	5599.95	0.0241	692.25	0.2270	995.49	0.1897	17310.37
21	2206139-1MS 10X	11.3018	201606.73	10.4121	125548.10	1.0974	22808.82	4.0664	17008.11	50.0371	2106558.30
22	2206139-1MSD ...	11.5467	207901.91	10.6748	127617.99	1.1230	23170.49	4.1804	17357.02	51.8453	2167302.68
23	2206139-1A 10X	11.1285	202709.16	12.3439	149511.25	1.1175	23404.15	4.2031	17716.53	53.5738	2277988.56
24	CCV	2.0335	36526.15	9.9248	118323.11	1.0123	21778.56	3.0364	13137.16	51.6206	2261121.17
25	CCB	0.0002	13.33	0.0040	80.00	0.0022	223.34	-0.0003	4.66	0.0447	11204.42
26	IP220607-2MB ...	0.0006	20.00	0.0063	103.33	0.0004	177.78	0.0001	5.99	0.2330	18118.10
27	IM220607-2LCS...	2.0033	36185.43	9.8987	119111.11	1.0238	22532.87	2.9901	13239.17	50.8201	2240841.16
28	2205515-21 10X	5.8168	107107.39	0.2653	3335.96	0.0418	1076.72	0.1539	679.02	0.4025	26740.53
29	2205515-22 10X	5.8597	110762.11	0.2525	3237.04	0.0470	1210.07	0.1398	627.70	0.4230	28089.48
30	2205515-23 10X	6.2733	119222.85	0.2640	3419.31	0.0459	1178.95	0.1845	822.36	0.5250	33226.24
31	2205515-24 10X	6.3644	119947.37	0.2920	3716.04	0.0460	1182.28	0.1813	808.99	0.4481	29358.60

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2205515-25 10X	5.7612	106559.93	0.2674	3344.86	0.0464	1173.40	0.1487	654.36	0.4824	30594.25
33	2205515-26 10X	5.7861	107608.26	0.2669	3348.19	0.0431	1112.28	0.1505	668.36	0.4265	28256.38
34	2205515-27 10X	6.6239	123074.13	0.2884	3628.24	0.0500	1254.51	0.1812	797.67	0.4711	29999.73
35	2205515-28 10X	6.3076	116665.84	0.2908	3652.69	0.0461	1184.51	0.1477	659.66	0.4321	28754.11
36	CCV	2.0212	36358.93	9.8218	115818.41	1.0020	21204.44	3.0099	12809.80	52.0246	2224719.86
37	CCB	0.0006	20.00	0.0010	44.44	-0.0014	142.23	-0.0006	3.33	0.0198	10163.74
38	2205515-29 10X	6.7449	125113.23	0.2628	3335.96	0.0474	1207.84	0.1665	739.70	0.4381	28804.34
39	2205515-30 10X	6.7910	125529.13	0.2997	3782.72	0.0464	1174.50	0.1465	644.98	0.4569	29455.49
40	2205515-31 10X	6.1168	112071.15	0.2849	3521.55	0.0464	1160.06	0.1809	785.68	0.4195	27966.12
41	2205515-32 10X	6.4839	118517.57	0.2952	3636.03	0.0474	1188.95	0.1503	657.66	0.4919	30374.03
42	2205515-33 10X	6.1324	110483.78	0.3116	3807.18	0.0394	1008.94	0.1678	727.65	0.5144	31202.20
43	2205515-34 10X	5.9268	106339.01	0.3662	4412.89	0.0424	1055.61	0.1281	547.58	0.4429	28136.36
44	2205515-34L 50X	1.2183	21638.83	0.0722	895.59	0.0097	382.23	0.0283	129.24	0.0666	12098.62
45	2205515-34MS ...	8.0381	145365.10	8.5715	104182.60	1.0476	22241.30	3.1019	13248.66	50.5227	2173101.01
46	2205515-34MSD...	8.0042	143461.51	8.6823	104069.60	1.0681	22377.20	3.2185	13566.92	52.0854	2209777.99
47	2205515-34A 10X	7.8471	137953.26	10.2765	121535.74	1.0217	21053.08	3.2279	13379.04	52.4037	2187624.60
48	CCV	2.0211	35357.00	9.7277	112402.40	1.0088	21134.26	2.9569	12458.52	51.4423	2144928.41
49	CCB	-0.0006	0.00	0.0034	68.89	0.0008	182.23	-0.0014	-0.01	0.0424	10320.59
50	2205515-35 10X	7.0231	124474.68	0.4200	5059.76	0.0494	1190.06	0.2011	849.53	0.6211	34973.76
51	2205515-36 10X	6.7917	121408.16	0.2850	3468.21	0.0473	1173.40	0.1605	694.35	0.4626	28640.46
52	2205515-37 10X	7.1168	126158.02	0.2041	2481.35	0.0484	1180.06	0.1626	693.78	0.5607	32364.38
53	2205515-38 10X	7.8237	141446.54	0.2426	2992.55	0.0480	1183.40	0.1855	797.06	0.7416	40941.13
54	2205515-39 10X	8.0092	149196.47	0.2365	2986.99	0.0458	1158.95	0.1659	728.39	0.6689	38134.12
55	2205515-40 10X	8.7652	162884.59	0.2468	3149.25	0.0398	1017.82	0.1693	735.05	0.7368	40931.21
56	CCV	2.0156	34808.93	9.7997	111421.71	0.9837	20263.11	2.9898	12384.57	51.3733	2201801.68
57	CCB	0.0006	20.00	0.0003	35.56	0.0019	211.12	-0.0007	2.67	0.0217	9840.23
58	IP220607-4MB ...	0.0000	10.00	0.0018	54.45	0.0019	215.56	-0.0001	5.33	0.1878	17294.84
59	IM220607-4LCS...	1.9773	34354.85	9.8576	113179.29	0.9973	21057.58	2.9376	12474.48	50.2351	2151592.36
60	2205515-41 10X	9.1798	166480.97	0.2379	2961.43	0.0443	1097.84	0.1847	789.07	0.7625	41275.58
61	2205515-42 10X	9.6721	176256.16	0.3247	4067.25	0.1979	4303.98	0.4155	1763.71	0.8607	45543.81
62	2205515-43 10X	7.5222	137177.39	0.3103	3857.19	0.0436	1088.95	0.1478	636.30	0.5626	33086.19

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	2205515-44 10X	7.9639	145449.52	0.2825	3514.88	0.0478	1188.95	0.2015	873.02	0.6432	37091.85
64	2205515-45 10X	9.3579	166236.85	0.3320	4001.67	0.0440	1068.94	0.1265	531.62	0.7032	38455.06
65	2205515-45L 50X	1.9604	33720.00	0.0793	954.49	0.0103	382.23	0.0241	107.24	0.1421	14754.27
66	2205515-45MS ...	11.3386	196849.80	7.7812	92128.85	1.0163	20743.79	3.0573	12549.96	51.1921	2090776.53
67	2205515-45MSD...	11.2958	195325.31	7.5131	88595.01	1.0373	20732.73	3.1190	12540.95	51.8670	2092562.68
68	CCV	2.0728	34782.49	9.8525	110243.60	0.9822	19969.46	2.9926	12234.58	51.0871	2120720.85
69	CCB	0.0007	20.00	0.0012	43.33	0.0020	201.11	-0.0003	4.00	0.0353	10000.33
70	2205515-45A 10X	11.3839	196305.60	9.9766	116429.01	1.0469	20998.53	3.1631	12764.38	53.4106	2148760.28
71	2205515-46 10X	9.8305	175374.05	0.2023	2500.23	0.0340	874.49	0.1572	667.10	0.6465	36417.08
72	2205515-47 10X	9.1879	166424.57	0.3311	4065.02	0.0688	1598.99	0.2502	1059.65	0.7254	39601.43
73	2205515-48 10X	8.2865	147596.33	0.2499	3082.56	0.0578	1377.86	0.1355	579.71	0.6109	34936.67
74	2205515-49 10X	8.1993	148886.17	0.2516	3123.69	0.0617	1468.98	0.1548	665.04	0.5906	34151.66
75	2205515-50 10X	8.3710	152436.13	0.1710	2157.96	0.0617	1482.32	0.1633	708.48	0.5479	33072.65
76	2205515-51 10X	7.8609	144134.20	0.3028	3773.84	0.0523	1295.63	0.1781	779.65	0.6758	37970.61
77	2205515-52 10X	8.0513	146473.59	0.1712	2164.62	0.0342	903.37	0.1794	781.15	0.6408	36493.45
78	2205515-53 10X	9.1430	168710.62	0.2338	2950.32	0.0600	1445.64	0.1645	713.73	0.6980	39467.57
79	2205515-54 10X	9.1559	167447.12	0.2417	3014.77	0.0488	1227.84	0.1495	659.05	0.6383	36500.27
80	CCV	1.9859	35182.96	9.7268	113423.55	0.9840	21103.11	2.9040	12524.48	50.7786	2214612.10
81	CCB	0.0002	13.33	0.0010	45.56	0.0038	258.90	-0.0012	0.66	0.0211	10420.68
82	2205515-55 10X	8.5261	153375.35	0.2312	2828.08	0.0586	1394.53	0.1781	760.41	0.5399	32030.54
83	2205515-56 10X	6.9298	127548.99	0.3534	4421.80	0.0483	1211.18	0.1392	610.92	0.5705	33867.62
84	2205515-57 10X	8.4123	152446.60	0.1705	2130.17	0.0422	1052.27	0.1493	639.14	0.6655	37759.78
85	2205515-58 10X	8.4594	153997.28	0.2569	3205.92	0.0520	1276.74	0.1658	718.37	0.6550	37111.63
86	2205515-59 10X	8.9550	161790.55	0.1828	2275.75	0.0660	1561.21	0.1709	735.13	0.6200	35117.43
87	2205515-60 10X	9.4584	171811.83	0.3124	3903.87	0.0630	1517.88	0.2098	913.65	0.6610	37993.80
88	2205515-60L 50X	1.8913	33519.72	0.0596	735.58	0.0130	452.24	0.0408	183.26	0.1000	13960.19
89	2205515-60MS ...	10.7227	188388.88	7.6893	91652.54	1.0288	21235.51	3.0348	12600.68	48.9421	2095165.91
90	2205515-60MSD...	11.2301	197272.58	7.6673	91285.49	1.0598	22034.44	3.1675	13251.26	50.2328	2124247.78
91	2205515-60A 10X	11.1740	196504.45	9.8620	117911.31	1.0657	21848.62	3.2277	13314.65	50.5466	2136423.98
92	ZZZ										
93	ZZZ										

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	CCV	2.0072	33028.59	9.7751	106824.04	0.9631	19384.29	2.9209	11817.91	51.0547	2057010.23
95	CCB	-0.0002	6.67	0.0030	64.45	0.0009	191.12	-0.0007	2.66	0.0097	9263.09
96	IP220608-1MB ...	-0.0006	0.00	0.0027	62.22	0.0012	195.56	-0.0012	0.66	0.1565	15461.85
97	IM220608-1LCS...	1.9522	33168.61	9.6808	108420.65	0.9728	20180.83	2.8929	12066.62	49.3139	2021219.40
98	IM220608-1LCS...	1.9550	33065.60	9.8121	109061.32	0.9652	19959.40	2.9195	12137.93	49.8986	2065767.31
99	2205515-61 10X	7.1587	127808.00	0.2641	3212.60	0.0387	971.16	0.1393	591.70	0.6058	34288.79
100	2205515-62 10X	6.3493	111133.69	0.3958	4715.21	0.0563	1324.52	0.1329	559.55	0.5839	33049.26
101	2205515-63 10X	6.2784	106237.95	0.3576	4148.38	0.0746	1652.34	0.1191	487.60	0.5790	32013.85
102	2205515-64 10X	7.5074	132041.39	0.1831	2191.29	0.0658	1522.32	0.1263	532.46	0.6080	33780.93
103	2205515-65 10X	7.9978	140566.43	0.2091	2516.91	0.0701	1623.44	0.1305	555.09	0.6183	34459.08
104	2205515-66 10X	9.0440	160988.55	0.1790	2181.29	0.0653	1514.54	0.1938	815.15	0.7128	39059.63
105	2205515-67 10X	8.4938	148107.51	0.1418	1697.89	0.0684	1585.66	0.1720	727.85	0.6561	35913.02
106	CCV	1.9505	32811.28	9.6968	107505.38	0.9592	19582.27	2.8916	11869.89	50.6723	2068036.43
107	CCB	0.0001	10.00	0.0002	33.33	0.0014	196.67	-0.0005	3.33	0.0091	9006.37
108	2205515-68 10X	13.8687	252620.50	0.1833	2290.20	0.0464	1131.17	0.1051	447.12	0.7380	39668.28
109	2205515-69 10X	8.8162	152515.17	0.2529	3028.11	0.0539	1258.96	0.1504	624.39	0.6563	35882.48
110	2205515-70 10X	8.5487	149960.43	0.2806	3360.41	0.0553	1295.63	0.1692	706.36	0.6235	34823.34
111	2205515-71 10X	5.7719	102266.63	0.2708	3251.50	0.0390	985.61	0.1330	569.03	0.5153	30510.88
112	2205515-72 10X	7.5252	133639.42	0.2328	2830.29	0.0404	1001.16	0.1163	491.73	0.5337	31529.70
113	2205515-73 10X	8.0912	136838.46	0.2736	3212.59	0.0542	1248.96	0.0620	257.01	0.6096	33189.62
114	2205515-74 10X	6.4761	112436.88	0.2137	2553.58	0.0285	750.03	0.0657	278.42	0.5098	29715.80
115	2205515-75 10X	7.0048	118674.13	0.3128	3607.13	0.0396	950.04	0.0585	240.98	0.5561	30507.26
116	2205515-76 10X	8.2046	137169.35	0.3923	4456.23	0.0355	853.37	0.0535	217.56	0.6041	32264.40
117	2205515-77 10X	6.4856	107581.46	0.2239	2568.03	0.0359	866.70	0.0777	315.09	0.6848	35260.94
118	CCV	2.0182	33643.19	9.7504	108374.26	0.9669	19809.20	2.9496	12150.03	50.4786	2076418.46
119	CCB	0.0006	20.00	0.0009	41.11	0.0005	178.89	-0.0010	1.33	0.0195	9710.06
120	2205515-78 10X	6.6307	110835.40	0.2866	3233.72	0.2162	4408.45	0.1071	432.36	0.5367	29832.63
121	2205515-79 10X	8.1942	139099.90	0.4465	5210.93	0.0538	1240.07	0.0924	380.16	0.6527	34809.67
122	2205515-80 10X	7.5030	128586.96	0.2597	3034.78	0.0219	600.02	0.0446	186.37	0.5736	31940.34
123	CCV	1.9898	33519.77	9.5885	107269.56	0.9814	20058.44	2.9433	12096.08	50.4637	2079910.75
124	CCB	-0.0006	0.00	0.0008	41.11	0.0010	192.23	-0.0014	0.00	0.0204	9810.15

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
125	IP220608-2MB ...	0.0001	10.00	0.0031	64.44	0.0001	168.89	-0.0007	2.66	0.1874	16542.93
126	IM220608-2LCS...	1.9909	32965.03	9.7148	107205.53	0.9954	20401.13	2.8744	11847.24	49.5648	2030731.79
127	2205515-81 10X	6.9147	117918.59	0.2219	2588.03	0.0405	981.16	0.0655	273.08	0.4530	27114.31
128	2205515-82 10X	7.3682	125764.10	0.2919	3421.53	0.0378	914.48	0.0524	216.99	0.5929	32735.33
129	2205515-83 10X	8.6388	144271.16	0.3638	4201.73	0.0685	1517.88	0.0900	366.93	0.6378	34141.79
130	2205515-84 10X	7.4663	123591.18	0.3742	4211.73	0.0670	1470.09	0.0512	208.25	0.5884	31709.78
131	2205515-85 10X	7.4667	126486.06	0.3895	4590.73	0.0623	1403.42	0.0615	254.21	0.5720	31465.97
132	2205515-86 10X	8.7536	150978.13	0.3693	4387.33	0.0524	1220.06	0.0677	282.24	0.6081	33693.95
133	2205515-87 10X	8.9381	151682.61	0.3136	3667.14	0.0486	1125.62	0.0674	276.31	0.5823	32401.09
134	2205515-88 10X	7.7815	132299.59	0.3335	3869.42	0.0373	905.60	0.0771	316.95	0.5811	31983.99
135	CCV	1.9867	34478.42	9.6295	110654.59	0.9611	20373.34	2.8916	12324.59	50.5517	2153936.06
136	CCB	0.0008	23.33	0.0021	56.67	0.0006	187.78	-0.0007	2.66	0.0118	9866.89
137	2205515-89 10X	8.2918	141363.05	0.4088	4755.22	0.0596	1346.75	0.0642	264.19	0.6545	35391.17
138	2205515-90 10X	8.7929	152830.54	0.3740	4421.79	0.0639	1463.43	0.0678	284.90	0.6049	33426.79
139	2205515-91 10X	6.8610	121258.84	0.2839	3427.09	0.0342	875.59	0.0835	355.67	0.5280	31098.54
140	2205515-91L 50X	1.3899	24092.19	0.0609	743.36	0.0072	322.23	0.0154	71.26	0.0906	12875.81
141	2205515-91MS ...	8.7761	154393.77	7.9332	94384.57	1.0206	20826.09	3.0697	12600.42	50.5818	2093706.69
142	2205515-91MSD...	8.8136	156191.43	8.1832	98077.96	1.0438	21391.34	3.0724	12668.78	51.1922	2102655.07
143	2205515-91A 10X	8.7707	155701.06	9.7978	118190.12	1.0081	20776.09	3.0848	12786.24	51.5982	2161074.55
144	2205515-92 10X	7.1381	124743.11	0.2350	2845.86	0.0359	907.82	0.0715	304.40	0.5330	31783.27
145	2205515-93 10X	8.8608	153786.42	0.2941	3512.65	0.0460	1095.61	0.0839	349.66	0.6581	35955.91
146	2205515-94 10X	7.5788	133237.62	0.3159	3803.84	0.0329	843.37	0.0683	290.30	0.5266	31158.84
147	CCV	2.0344	35162.93	9.5481	110804.26	0.9816	20502.33	2.8985	12173.80	50.8183	2189674.19
148	CCB	0.0010	26.67	0.0009	43.33	0.0018	211.12	-0.0009	2.00	0.0160	9893.58
149	2205515-95 10X	7.9709	139342.68	0.3727	4462.91	0.0469	1118.95	0.0438	186.22	0.5417	31682.86
150	2205515-96 10X	8.2503	144550.47	0.3871	4635.18	0.0570	1326.74	0.0578	244.21	0.6038	34171.65
151	2205515-97 10X	7.8288	137781.47	0.2512	2994.78	0.0422	1007.82	0.0558	232.37	0.5437	31282.41
152	2205515-98 10X	8.9471	156020.24	0.4228	5026.41	0.0654	1482.31	0.0820	340.85	0.6217	34211.55
153	2205515-99 10X	7.8518	140226.77	0.3292	3969.43	0.0449	1086.72	0.0978	411.62	0.6021	34539.28
154	2205515-100 10X	8.1651	142691.60	0.4083	4935.27	0.0628	1448.98	0.0632	267.52	0.6135	34315.46
155	CCV	1.9828	35380.19	9.5220	112017.54	0.9639	20428.93	2.9191	12437.22	50.0502	2175387.00

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
156	CCB	-0.0002	6.67	0.0007	42.22	-0.0001	174.45	-0.0010	1.33	0.0112	10073.71
157	IP220608-6MB ...	0.0000	10.00	0.0014	51.11	0.0002	183.34	-0.0009	2.00	0.1534	16496.03
158	IM220608-6LCS...	1.9311	34885.93	9.5326	114063.99	0.9745	21176.55	2.8315	12370.98	48.6675	2148032.31
159	2205515-101 10X	8.3320	147267.29	0.2613	3167.02	0.0360	911.15	0.0531	227.69	0.5155	31519.44
160	2205515-102 10X	8.7888	154223.55	0.4250	5172.03	0.0776	1763.46	0.0817	346.17	0.6150	34629.14
161	2205515-103 10X	8.0958	141655.18	0.2704	3265.94	0.0528	1224.51	0.0553	231.01	0.5414	31609.79
162	2205515-104 10X	8.3465	145348.70	0.2869	3457.10	0.0580	1346.75	0.0653	275.00	0.5403	31960.42
163	2205515-105 10X	7.1408	128596.83	0.3367	4086.14	0.0465	1112.28	0.0879	368.27	0.5287	31609.84
164	2205515-106 10X	6.9119	123873.64	0.2569	3101.46	0.0305	802.26	0.0756	323.70	0.5294	31629.67
165	2205515-107 10X	7.9042	139654.99	0.2892	3532.67	0.0611	1418.97	0.0634	268.99	0.5438	31900.32
166	2205515-107L ...	1.6356	29628.31	0.0656	827.81	0.0120	432.24	0.0103	50.58	0.0786	12882.64
167	CCV	2.0209	36559.80	9.6612	115185.19	0.9725	20935.16	2.9264	12665.76	50.1920	2233856.89
168	CCB	0.0004	16.67	-0.0004	28.89	0.0010	202.23	-0.0012	0.67	0.0092	10213.83
169	2205515-107MS...	11.1438	198357.31	7.4689	91086.84	1.0377	21454.74	2.9563	12296.53	49.5764	2138998.61
170	2205515-107MS...	10.0448	179599.27	7.5813	91961.77	1.0333	21385.76	2.9624	12333.78	49.9563	2120527.73
171	2205515-107A ...	9.8198	176159.26	9.8708	119855.30	1.0370	21183.21	3.0595	12573.22	51.7964	2197924.97
172	2205515-108 10X	8.3125	147866.27	0.2919	3589.35	0.0677	1559.00	0.0672	285.65	0.5674	33346.61
173	CCV	1.9396	34722.23	9.5797	113615.36	0.9597	20673.67	2.9428	12745.31	50.3242	2235079.34
174	CCB	0.0005	20.00	0.0016	53.33	0.0002	185.56	-0.0012	0.66	0.0130	10363.91
175	IP220609-2MB ...	-0.0006	0.00	0.0006	40.00	0.0000	173.34	-0.0006	3.33	0.0269	10707.40
176	IM220609-2LCS...	1.9262	34812.17	9.5829	113655.29	0.9581	20777.13	2.8035	12223.58	48.9132	2190319.34
177	IM220609-2LCS...	1.9457	35196.60	9.6392	115148.25	0.9872	21278.97	2.9399	12741.13	49.1055	2201673.09
178	2205515-109 10X	0.0002	13.33	0.0008	43.33	0.0013	207.78	-0.0001	5.33	0.0218	10727.45
179	2205515-110 10X	0.0000	10.00	0.0000	33.33	0.0000	177.78	-0.0007	2.67	0.0293	10940.95
180	2205515-111 10X	0.0000	10.00	0.0006	41.11	0.0005	188.89	-0.0005	4.00	0.0197	10660.77
181	CCV	1.9362	34675.53	9.6747	113532.13	0.9708	20744.94	2.9002	12460.43	50.5240	2237898.87
182	CCB	-0.0006	0.00	0.0008	43.33	0.0002	183.34	-0.0009	2.00	0.0225	10517.32
183	2205638-246 10X	-0.0004	3.33	0.0022	58.89	-0.0005	163.34	-0.0014	-0.01	0.0179	10430.59
184	2205638-251 10X	0.0015	36.67	0.0211	283.34	-0.0005	165.56	0.0000	5.97	0.0162	10400.55
185	2205638-252 10X	0.0028	60.00	0.0083	131.11	0.0000	176.67	-0.0006	3.32	0.0119	10097.06
186	2205638-253 10X	0.0009	26.67	0.0126	181.11	0.0022	223.34	0.0002	6.65	0.0137	10157.07

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
187	2205638-254 10X	0.0021	46.67	0.0044	83.33	0.0003	178.89	-0.0009	1.99	0.0212	10380.51
188	CCV	1.9799	35109.58	9.6575	113988.86	0.9565	20551.35	2.9186	12607.18	50.0380	2220554.34
189	CCB	0.0002	13.33	0.0015	48.89	0.0010	191.11	-0.0014	-0.01	0.0062	9449.93
190	IP220610-1MB ...	0.0006	20.00	0.0003	36.67	0.0010	197.78	-0.0006	3.33	0.1344	15552.01
191	IM220610-1LCS...	1.9016	33806.79	9.4617	110427.43	0.9571	20337.79	2.8505	12177.83	49.1124	2138941.11
192	IM220610-1LCS...	1.9491	34050.74	9.3901	109471.75	0.9675	20408.92	2.8691	12168.60	49.4097	2132176.32
193	2205638-1 10X	17.4751	327824.05	2.9348	37379.52	0.7951	16773.52	1.2564	5322.57	2.3210	110938.99
194	2205638-2 10X	17.5938	327174.80	2.4388	30782.13	0.6511	13819.54	1.0946	4655.68	2.6610	124468.53
195	2205638-3 10X	14.5412	265027.64	3.8881	48624.04	1.4252	29804.95	1.6892	7124.85	1.7085	83379.24
196	2205638-4 10X	21.4166	398688.46	2.3729	30173.07	0.6035	12912.10	1.0388	4449.01	1.2709	63810.99
197	2205638-5 10X	20.4836	378458.20	5.8788	74302.03	1.3583	28330.01	1.9422	8165.47	11.7572	515330.72
198	2205638-7 10X	21.5645	390097.88	4.3140	53598.52	1.1539	23612.16	2.0274	8354.31	2.0283	95078.65
199	2205638-8 10X	16.3093	298859.32	2.6874	33792.64	0.5971	12630.77	1.1985	5074.18	1.3215	65781.16
200	CCV	1.9235	33356.23	9.5656	110073.99	0.9788	20561.29	2.9602	12504.13	50.4265	2211824.70
201	CCB	-0.0002	6.67	0.0018	54.44	0.0009	192.23	-0.0010	1.33	0.0225	10330.52
202	2205638-9 10X	18.4029	339166.66	2.8450	35839.34	0.5742	12063.62	1.3690	5753.56	1.5246	76069.29
203	2205638-10 10X	15.9309	282837.43	4.0676	48884.78	0.8742	17842.47	1.5215	6241.11	5.8900	259018.99
204	2205638-11 10X	17.4157	305952.45	3.9120	46984.63	0.7379	15059.55	1.1749	4812.12	1.4455	69856.55
205	2205638-12 10X	17.0312	309787.46	5.1280	63276.07	1.1386	23526.51	2.0517	8536.10	1.8299	86371.62
206	2205638-13 10X	17.6201	317402.75	8.5116	104803.20	1.9551	39879.13	2.7377	11276.39	2.0432	96563.03
207	2205638-14 10X	16.1933	291091.00	3.4321	42197.94	0.8280	17229.61	1.4228	5946.99	1.6263	77854.09
208	2205638-15 10X	18.6007	333574.50	3.8119	47020.30	0.9834	20193.07	1.3268	5481.67	1.7730	84578.82
209	2205638-16 10X	16.8566	305475.63	4.3339	53196.01	3.4689	71960.55	2.1723	9116.75	5.5811	250452.25
210	2205638-17 10X	17.8460	321242.35	5.2962	64452.81	2.4975	51184.71	2.9611	12263.78	1.9846	93308.43
211	CCV	1.9870	34120.70	9.5071	108223.45	0.9681	20051.77	2.8939	12051.29	50.8589	2183199.55
212	CCB	0.0012	30.00	0.0013	46.67	0.0001	172.23	-0.0010	1.33	0.0232	10100.32
213	2205638-18 10X	17.7249	320825.33	4.2294	52115.02	1.2839	26505.70	2.1280	8852.72	2.6289	120807.31
214	2205638-19 10X	17.1039	310129.82	3.6130	44558.74	1.4613	30094.35	2.1269	8833.46	2.8954	131980.62
215	2205638-20 10X	17.1130	308531.97	4.1441	50675.81	1.4639	29974.11	2.2949	9475.90	2.9580	133707.19
216	2205638-21 10X	20.2450	367667.60	4.3291	53273.29	2.8935	59274.02	2.7431	11360.86	6.6110	284928.06
217	CCV	1.9685	33927.20	9.5541	109340.18	0.9712	20088.48	2.9365	12213.31	50.8640	2171835.96

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
218	CCB	-0.0004	3.33	0.0028	63.33	0.0002	174.45	-0.0009	1.99	0.0107	9593.38
219	IP220610-2MB ...	0.0008	23.33	0.0011	44.45	0.0013	200.01	-0.0003	4.67	0.1427	15452.09
220	IM220610-2LCS...	1.9655	34007.20	9.5684	110658.05	0.9964	20987.43	2.9295	12408.67	50.3039	2177879.08
221	2205638-22 10X	20.3720	369219.89	3.9295	48916.03	1.7677	36351.86	2.2766	9451.39	4.3322	192133.92
222	2205638-23 10X	20.0544	355807.94	4.2443	51612.16	2.1789	44149.28	2.7340	11190.93	5.5766	244687.72
223	2205638-24 10X	14.5393	257039.20	2.5893	30936.91	0.6567	13471.42	1.2265	5042.45	2.4027	109834.07
224	2205638-25 10X	13.5516	241640.61	2.5483	30722.01	0.5806	12083.67	2.7507	11449.84	1.6968	80685.55
225	2205638-26 10X	14.8554	262509.64	2.8097	33791.39	0.6524	13403.58	1.3258	5457.64	1.7461	82175.92
226	2205638-27 10X	16.9148	296620.91	2.6397	31964.36	0.4549	9418.49	1.9208	7924.22	1.2651	61740.11
227	2205638-28 10X	17.1094	306982.60	2.5238	30955.74	0.4007	8443.47	1.1849	4965.09	1.2778	62687.43
228	2205638-29 10X	17.5644	313506.17	2.7334	33408.47	0.4905	10381.31	1.1536	4873.50	1.6026	77683.16
229	CCV	1.9798	33770.35	9.5639	108676.92	0.9545	19807.05	2.8862	12040.57	50.3971	2167387.89
230	CCB	0.0000	10.00	0.0005	37.78	0.0019	211.12	-0.0012	0.66	0.0142	9876.91
231	2205638-30 10X	18.0758	323323.41	6.8834	84194.09	1.4628	30054.22	9.0248	37373.70	2.0740	97009.58
232	2205638-31 10X	24.8519	426083.34	5.7718	68184.85	1.4028	27664.36	8.7750	34872.25	1.8329	83875.96
233	2205638-32 10X	17.6242	320600.83	4.3703	54509.53	1.2173	25725.57	2.0726	8823.81	3.4915	157066.32
234	2205638-33 10X	22.5502	417649.55	3.8842	49336.09	1.2488	26356.57	2.2949	9758.86	2.2377	105866.77
235	2205638-34 10X	13.7032	255092.88	2.8619	35908.18	0.7647	16201.77	1.3391	5695.52	1.5650	78561.01
236	2205638-35 10X	14.8233	273002.41	2.0729	26121.52	0.4995	10854.97	0.9230	4005.29	1.1476	59591.18
237	2205638-36 10X	20.6875	388820.48	5.2638	67416.00	1.2026	25318.29	15.2604	64684.68	1.7227	85959.93
238	2205638-37 10X	21.6115	399828.74	5.6442	71295.10	1.2409	26348.77	10.7697	46051.69	2.4269	115379.81
239	2205638-38 10X	13.1224	245696.06	1.7759	22499.39	0.3928	8619.14	0.8919	3892.29	1.0286	55081.19
240	2205638-39 10X	17.9256	339691.35	1.6509	21315.53	0.2780	6183.53	0.7233	3173.57	2.1382	104940.37
241	CCV	1.9972	36609.58	9.6036	116649.64	0.9616	21316.72	2.8915	12888.46	49.9445	2329976.32
242	CCB	0.0003	16.67	0.0011	47.78	0.0010	207.78	-0.0011	1.33	0.0148	10624.06
243	2205638-40 10X	14.4250	272569.07	5.0066	63730.99	1.2263	26671.53	21.5108	94185.56	1.9035	95393.64
244	2205638-40L 50X	3.1401	57745.64	1.1255	13771.65	0.2739	6200.20	4.5623	20336.48	0.4177	28718.24
245	2205638-40MS ...	16.7995	312983.69	12.6209	160050.09	2.4234	51508.16	25.9858	111561.79	50.2049	2238864.76
246	2205638-40MSD...	16.9414	314025.22	13.1674	165719.02	2.5439	53758.81	25.6986	109716.15	51.7084	2280922.94
247	2205638-40A 10X	14.9575	273101.37	13.9287	173381.86	2.1518	45225.63	22.6872	96271.40	51.9811	2289077.88
248	CCV	1.9975	36172.07	9.5785	114768.85	0.9563	20980.77	2.8960	12773.87	50.2594	2256161.01

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
249	CCB	0.0005	20.00	0.0022	61.11	0.0012	208.89	0.0003	7.33	0.0054	10107.02
250	RINSE	-0.0002	6.67	0.0027	64.44	0.0013	203.34	-0.0010	1.32	0.1217	14864.30
251	RINSE	0.0007	23.33	0.0017	53.33	0.0008	194.45	-0.0004	4.00	0.0885	13573.09
252	RINSE	-0.0004	3.33	0.0015	51.11	0.0006	192.23	-0.0008	2.66	0.0859	13526.47

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0044	102.22	0.0108	43.33	0.0011	53.33	0.0015	460.04	0.0000	40.00
2	RINSE	0.0059	116.67	0.0156	60.00	0.0006	33.33	0.0013	413.36	-0.0001	26.67
3	RINSE	0.0053	110.00	0.0100	40.00	0.0006	36.67	0.0010	346.69	-0.0001	30.00
4	BLANK	0.0000	54.45	0.0000	6.67	0.0000	13.33	0.0000	190.01	0.0000	46.67
5	H/1000	0.0330	412.24	0.1260	443.36	0.0325	1256.79	0.0339	6264.89	0.0292	6438.33
6	H/100	0.3112	3528.23	0.9956	3483.90	0.2861	11127.82	0.2996	53695.05	0.2928	63934.34
7	H/10	3.0738	33228.61	9.5141	31797.02	2.9618	112202.89	3.0000	520828.64	3.0007	636460.24
8	HIGH	29.9925	304476.77	100.0486	297951.47	30.0040	1034819.39	32.2807	4920073.36	32.0046	5962022.83
9	RINSE	0.0049	105.56	0.0080	33.33	0.0004	26.67	0.0014	440.03	0.0001	73.34
10	ICV	6.0766	63800.06	19.1802	62260.24	6.1900	229798.97	5.9174	1010759.75	6.0679	1266302.33
11	ICB	-0.0002	48.89	0.0093	36.67	0.0004	26.67	0.0000	166.68	0.0000	40.00
12	LIV	0.1060	1181.18	0.4655	1556.82	0.0525	1960.22	0.0474	8425.99	0.0472	10087.11
13	ICSA	0.0080	132.23	0.0324	106.67	0.0046	173.35	0.0038	786.72	0.0002	86.67
14	ICSAB	3.0653	31350.39	9.5000	29592.80	3.0663	105898.19	3.0677	489702.91	3.0807	600785.08
15	CCV	3.0130	33700.74	9.8199	33804.80	2.9616	113848.09	2.9792	528275.45	2.9804	645674.50
16	CCB	-0.0013	40.00	-0.0001	6.67	0.0004	26.67	0.0002	226.68	-0.0001	33.33
17	IP220609-4MB ...	-0.0013	40.00	0.0068	30.00	0.0000	13.33	0.0004	256.68	-0.0001	30.00
18	IM220609-4LCS...	2.9414	32231.11	9.2489	31930.71	3.0435	115714.12	2.9622	526326.41	5.7346	1244714.67
19	2206139-1 10X	0.6395	7022.79	125.4164	408491.52	11.5951	420317.75	23.7951	4016390.15	2.8310	583858.08
20	2206139-1L 50X	0.1332	1518.98	24.5514	83851.93	2.3160	87008.41	4.5231	793097.10	0.5708	122296.56
21	2206139-1MS 10X	1.6250	18017.22	131.2321	429885.07	14.6501	531261.45	26.7326	4523477.64	9.0996	1881587.21
22	2206139-1MSD ...	1.7736	19486.74	141.6913	460864.80	14.8823	546857.43	27.6353	4662452.22	9.4109	1940460.02
23	2206139-1A 10X	3.5521	39477.57	135.1322	446165.66	14.5789	540367.40	26.7937	4608669.83	5.7904	1216864.75
24	CCV	3.0164	33012.54	9.5749	32455.34	2.9951	113004.22	2.9488	517799.00	2.9543	633676.84
25	CCB	0.0004	57.78	0.0029	16.67	-0.0003	3.33	0.0000	186.68	-0.0001	20.00
26	IP220607-2MB ...	-0.0004	47.78	0.0183	66.67	0.0000	13.33	0.0004	240.01	0.0000	40.00
27	IM220607-2LCS...	2.9978	33107.25	9.2378	32030.77	3.0687	116732.99	3.0030	533000.03	5.8315	1264380.40
28	2205515-21 10X	0.1374	1621.22	73.4597	251651.32	13.1336	496636.87	28.4052	5083650.97	3.1201	682473.95
29	2205515-22 10X	0.1560	1871.25	69.0112	240383.86	14.0661	538197.87	30.0015	5434769.09	3.3873	749733.92
30	2205515-23 10X	0.1491	1810.13	70.2383	243594.74	14.6523	564655.49	31.7430	5766499.08	3.5803	794853.30
31	2205515-24 10X	0.1445	1727.90	69.0841	239733.37	14.3839	550659.81	30.6436	5587678.04	3.4797	775390.77

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2205515-25 10X	0.1504	1764.58	73.6336	251622.09	13.8154	520162.30	29.8856	5343880.54	3.3437	730692.05
33	2205515-26 10X	0.1455	1712.34	64.4508	222254.05	13.6453	513977.87	29.0878	5214798.67	3.2940	721586.84
34	2205515-27 10X	0.1373	1624.56	70.6568	241992.88	14.8230	560342.84	31.7937	5701422.83	3.6455	798777.20
35	2205515-28 10X	0.1456	1717.90	66.0860	229115.37	14.9382	569067.25	31.7782	5793479.91	3.6235	807340.51
36	CCV	2.9790	32246.57	9.4373	31466.54	2.9775	110437.47	2.9315	505614.95	2.9280	616886.03
37	CCB	-0.0001	52.22	0.0030	16.67	0.0007	36.67	0.0002	220.01	-0.0001	20.00
38	2205515-29 10X	0.1432	1706.79	69.8471	241274.50	15.5343	585701.11	33.6035	6033126.37	3.8015	834164.73
39	2205515-30 10X	0.1527	1807.91	67.7024	231465.89	15.8841	594733.61	33.4241	6030527.62	3.7643	829866.03
40	2205515-31 10X	0.1495	1734.57	71.9436	242939.61	13.7836	513587.95	29.4233	5322009.30	3.3491	740303.90
41	2205515-32 10X	0.1556	1797.91	68.2883	232121.88	15.0830	566825.58	32.3177	5716194.70	3.6750	794246.65
42	2205515-33 10X	0.1549	1774.57	63.7358	214790.01	14.3415	535660.58	30.7822	5456043.67	3.4950	757052.39
43	2205515-34 10X	0.1448	1642.33	66.1881	219333.63	14.4184	531735.15	31.1583	5468630.12	3.4651	743257.62
44	2205515-34L 50X	0.0333	418.90	12.6718	43235.41	2.8638	106801.48	5.9179	1048474.70	0.6847	148244.75
45	2205515-34MS ...	1.2553	14037.52	75.2111	251611.98	18.2821	683660.48	35.2869	6164263.24	9.9193	2117991.95
46	2205515-34MSD...	1.2978	14308.90	78.2679	258403.06	18.3376	679981.68	35.9587	6241076.16	10.1562	2153797.83
47	2205515-34A 10X	3.0269	32856.75	75.1006	243787.53	17.2801	633473.13	34.2946	5838648.87	6.4219	1335921.02
48	CCV	2.9765	31570.84	9.4990	31349.37	2.9468	108642.19	2.9013	490083.39	2.8916	596786.63
49	CCB	0.0001	51.11	0.0053	23.33	0.0004	26.67	0.0004	233.35	-0.0001	23.33
50	2205515-35 10X	0.1093	1253.40	59.2000	194548.89	15.9249	569847.58	36.1399	6234726.37	4.0569	855405.59
51	2205515-36 10X	0.1578	1797.91	71.5164	240309.27	15.1623	558392.14	32.4556	5699668.04	3.6890	791709.65
52	2205515-37 10X	0.1781	2013.49	82.5288	273708.60	18.4121	672517.70	39.1800	6753467.40	4.4237	931771.97
53	2205515-38 10X	0.1660	1911.26	75.7272	253346.01	18.5003	688704.99	39.6938	6932423.65	4.4424	948243.63
54	2205515-39 10X	0.1615	1904.60	57.7922	197244.64	19.8216	744299.31	42.9884	7577804.68	4.7633	1025987.62
55	2205515-40 10X	0.1786	2123.51	62.0022	209334.96	21.9892	829724.34	47.8471	8450174.25	5.2641	1136185.32
56	CCV	2.9865	31166.63	9.3804	30434.22	2.9272	106090.58	2.8617	496312.40	2.8696	607943.55
57	CCB	-0.0007	45.56	0.0030	16.67	0.0006	36.67	0.0003	233.34	0.0001	66.67
58	IP220607-4MB ...	-0.0004	48.89	0.0098	40.00	0.0002	20.00	0.0009	353.36	-0.0001	30.00
59	IM220607-4LCS...	2.9650	31252.37	9.1241	30354.28	3.0411	111232.55	2.9217	506461.89	5.6840	1203778.11
60	2205515-41 10X	0.2120	2449.12	57.7247	191857.34	23.4950	854328.24	50.2619	8656416.54	5.5583	1169970.69
61	2205515-42 10X	0.2127	2476.90	38.0887	126339.42	27.2781	997029.23	59.3774	10356922.97	7.3126	1558724.24
62	2205515-43 10X	0.1830	2122.40	67.3624	225145.93	19.2019	715642.10	41.6658	7307933.02	4.6772	1002425.66

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	2205515-44 10X	0.1402	1640.11	59.8264	201740.88	19.7060	740061.55	43.5430	7803461.34	4.8226	1056111.26
64	2205515-45 10X	0.1492	1689.01	56.9719	185597.01	21.2175	776702.96	45.9834	7996456.76	5.1750	1099718.48
65	2205515-45L 50X	0.1104	1230.07	11.5028	37964.75	4.3075	157678.95	9.7142	1694807.42	1.0517	224234.42
66	2205515-45MS ...	1.0234	11158.56	66.4283	213572.40	25.1781	904133.87	50.8826	8595522.79	11.4795	2369657.67
67	2205515-45MSD...	0.9771	10614.84	71.3001	224529.94	25.2799	901646.23	51.0076	8513128.41	11.8261	2412268.50
68	CCV	3.0626	31453.81	9.2702	29689.51	2.9401	105691.06	2.8468	484206.30	2.8244	586837.52
69	CCB	-0.0021	28.89	0.0022	13.33	-0.0003	3.33	0.0009	330.02	-0.0001	16.67
70	2205515-45A 10X	2.9452	31549.63	67.5196	213400.01	24.8349	871380.07	50.4988	8345870.29	8.8652	1790186.27
71	2205515-46 10X	0.1168	1361.19	41.5640	137023.14	24.2908	890606.31	52.7156	9157734.03	5.9034	1253063.78
72	2205515-47 10X	0.2323	2648.04	44.4032	146627.78	26.0180	955769.02	57.8936	10106173.39	6.7524	1440090.24
73	2205515-48 10X	0.2091	2393.55	104.9143	348255.06	21.6258	799972.41	46.7346	8177646.34	5.2963	1132531.67
74	2205515-49 10X	0.1940	2239.09	104.0237	347229.80	20.7767	772608.61	45.5077	7900879.47	5.0837	1078497.77
75	2205515-50 10X	0.1436	1691.23	83.6427	282032.24	20.7678	766169.94	43.9761	7770652.59	5.0057	1080883.99
76	2205515-51 10X	0.2121	2456.90	71.1608	242238.38	18.0512	671927.80	38.9495	6876465.32	4.4126	951875.98
77	2205515-52 10X	0.1248	1480.09	37.7490	127823.12	22.3825	842121.24	49.4344	8770328.83	5.4790	1187835.94
78	2205515-53 10X	0.2266	2646.93	45.8959	154763.43	23.6883	889278.19	51.8704	9191156.53	5.7186	1238301.00
79	2205515-54 10X	0.2306	2662.49	110.2764	377337.57	20.8323	774089.70	44.9249	7931941.13	5.1071	1102075.63
80	CCV	2.9933	32041.73	9.4050	31763.64	2.9335	109030.95	2.8722	500848.48	2.8543	608145.39
81	CCB	-0.0004	50.00	0.0039	20.00	0.0007	40.00	0.0007	306.68	0.0001	70.00
82	2205515-55 10X	0.1616	1845.69	80.5657	267470.17	21.1992	766293.24	46.4448	7999135.51	5.1439	1082696.29
83	2205515-56 10X	0.1819	2126.85	70.6004	240550.51	18.2200	682181.55	39.8215	7051649.89	4.3963	951199.78
84	2205515-57 10X	0.1299	1520.10	35.8978	119301.60	24.4572	891649.86	53.8301	9420233.19	5.9188	1265680.24
85	2205515-58 10X	0.1914	2223.52	50.8176	171208.35	22.7387	838272.15	49.4029	8674929.04	5.4530	1170046.44
86	2205515-59 10X	0.1840	2124.62	50.7538	169698.17	23.6349	875383.29	52.0234	9060830.07	5.7405	1221789.12
87	2205515-60 10X	0.2569	2972.56	101.8537	345271.90	22.9665	846969.36	48.8777	8750704.45	5.5266	1209101.88
88	2205515-60L 50X	0.0542	640.02	20.3289	69155.92	4.5917	168160.79	9.9482	1803874.71	1.0970	243105.99
89	2205515-60MS ...	1.1920	13075.59	106.6086	346681.23	25.3775	917202.80	50.0637	8801502.78	11.2764	2422317.10
90	2205515-60MSD...	1.1460	12557.38	116.3811	381327.08	26.1204	950682.56	51.9913	8977766.12	11.6570	2459690.59
91	2205515-60A 10X	3.0372	33338.88	112.6274	363876.93	25.4439	921817.72	50.9532	8780747.58	8.8210	1857556.27
92	ZZZ										
93	ZZZ										

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	CCV	2.9663	29760.69	9.3041	29489.06	2.9350	103475.86	2.8141	464995.12	2.8065	566597.27
95	CCB	-0.0018	33.33	0.0050	23.33	0.0004	26.67	0.0005	270.02	0.0000	43.33
96	IP220608-1MB ...	0.0103	157.78	0.0070	30.00	0.0011	50.00	0.0005	270.02	0.0001	56.67
97	IM220608-1LCS...	2.9404	30226.99	9.0127	29445.67	2.9792	106064.20	2.8298	473441.30	5.5184	1127906.99
98	IM220608-1LCS...	2.9914	30522.03	9.0251	29392.47	3.0216	107943.24	2.8643	483512.79	5.5723	1148966.65
99	2205515-61 10X	0.1408	1607.89	40.7456	134329.40	20.0660	730268.74	43.9419	7481315.51	4.8204	1002890.01
100	2205515-62 10X	0.1726	1926.81	61.4061	200542.96	18.2995	654584.65	39.4367	6798310.94	4.3286	911774.41
101	2205515-63 10X	0.1854	2007.94	60.3493	191495.99	18.5825	652096.19	40.3317	6800851.77	4.3965	905950.27
102	2205515-64 10X	0.1672	1862.36	63.7439	208355.71	19.2848	696230.77	42.4415	7179071.35	4.7418	980105.43
103	2205515-65 10X	0.1864	2083.50	56.7123	187031.05	20.3963	736972.31	44.2655	7620800.09	4.9280	1036832.54
104	2205515-66 10X	0.3170	3540.46	66.0062	216044.20	20.5445	745051.24	43.0279	7422674.27	4.7761	1006827.02
105	2205515-67 10X	0.2577	2829.18	65.0276	213907.09	20.1191	733030.25	42.7695	7357079.06	4.7002	988134.18
106	CCV	2.9788	30321.72	9.0797	29195.23	2.8997	103680.77	2.8138	471791.42	2.7991	573335.25
107	CCB	-0.0014	36.67	0.0062	26.67	0.0005	30.00	0.0003	223.34	-0.0001	30.00
108	2205515-68 10X	0.2111	2439.12	36.6469	120613.23	43.8220	1584545.65	90.2186	15593723.52	10.2988	2175083.87
109	2205515-69 10X	0.1876	2091.28	79.8330	257333.92	20.7377	743867.88	44.5659	7598298.85	5.0023	1042516.36
110	2205515-70 10X	0.1745	1951.27	77.7155	252175.79	19.3795	694603.09	41.0792	7048511.56	4.6478	974525.51
111	2205515-71 10X	0.1225	1388.97	52.5066	174244.16	12.6697	459373.92	27.0905	4674510.45	3.0140	635532.00
112	2205515-72 10X	0.1514	1722.35	67.3701	220717.03	18.2317	664661.50	39.2458	6735462.61	4.4888	941388.32
113	2205515-73 10X	0.0931	1044.50	138.7477	441146.99	15.0319	534330.54	35.3077	5908100.95	3.8871	794777.85
114	2205515-74 10X	0.1074	1216.73	89.8055	292246.11	14.2542	507396.93	31.3555	5337352.21	3.5047	729020.85
115	2205515-75 10X	0.0741	828.93	65.6050	207214.70	13.8228	486691.28	31.9309	5286754.71	3.5643	721158.37
116	2205515-76 10X	0.0672	746.70	54.9974	170810.89	15.6233	545833.21	36.8648	6073720.95	4.0885	823195.98
117	2205515-77 10X	0.0968	1056.72	92.5729	289193.60	13.7655	483468.86	30.6792	5060065.34	3.4641	698168.09
118	CCV	2.9584	30185.87	9.1757	29606.15	2.8952	104197.95	2.7942	472554.60	2.7953	577586.80
119	CCB	-0.0014	36.67	0.0092	36.67	0.0004	26.67	0.0006	276.69	0.0001	56.67
120	2205515-78 10X	0.1042	1118.95	104.1506	325062.24	13.3040	459230.58	29.3862	4887428.47	3.2563	661756.73
121	2205515-79 10X	0.0709	806.70	42.6241	135456.80	15.3425	537141.74	35.2924	5852345.75	3.9729	805121.19
122	2205515-80 10X	0.0998	1111.17	136.3692	433267.22	15.5171	545102.06	35.3524	5938282.83	3.8839	797159.10
123	CCV	2.9814	30617.76	9.4789	30514.50	2.9003	103851.84	2.8125	476761.11	2.8036	580482.63
124	CCB	-0.0004	47.78	0.0090	36.67	0.0002	20.00	0.0000	186.68	0.0000	46.67

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
125	IP220608-2MB ...	0.0003	53.33	0.0073	30.00	0.0010	46.67	0.0011	370.02	0.0002	80.00
126	IM220608-2LCS...	2.9677	30062.39	8.9103	28767.65	2.9669	105267.48	2.7932	471926.95	5.4591	1126814.38
127	2205515-81 10X	0.0993	1101.17	135.9043	435022.61	13.8564	486396.58	30.6084	5159107.63	3.4261	705806.11
128	2205515-82 10X	0.0795	898.93	97.8604	309285.29	14.3617	504867.77	33.0062	5515544.08	3.6788	751139.83
129	2205515-83 10X	0.0587	670.02	25.8388	81284.17	17.6152	607667.86	41.6474	6849337.81	4.6736	939253.84
130	2205515-84 10X	0.0911	984.49	108.0298	335466.60	16.2285	558906.99	37.7145	6168927.83	4.1688	833264.13
131	2205515-85 10X	0.0910	1030.05	108.4594	343404.97	16.4657	577156.62	37.9083	6283096.78	4.2029	851208.22
132	2205515-86 10X	0.0927	1056.72	121.8492	390081.62	16.5514	587257.08	37.4011	6343597.82	4.2545	881800.69
133	2205515-87 10X	0.0841	946.71	122.7326	386673.61	15.6841	546186.79	35.3495	5949915.33	3.9808	818817.52
134	2205515-88 10X	0.0649	736.70	72.0290	228209.77	14.7857	516776.63	34.1081	5648001.37	3.8078	770465.17
135	CCV	2.9518	31134.35	9.0157	30115.35	2.9140	106413.72	2.8096	486047.44	2.8076	593295.38
136	CCB	-0.0024	27.78	0.0098	40.00	0.0000	13.33	0.0007	320.02	0.0000	40.00
137	2205515-89 10X	0.0697	791.14	25.7839	81421.44	16.3182	565407.71	37.4536	6234222.62	4.1933	853039.52
138	2205515-90 10X	0.0758	870.04	25.3557	81876.57	15.1906	534381.05	35.6285	5907916.58	4.0299	816666.58
139	2205515-91 10X	0.0882	1021.16	77.5098	254390.82	14.0634	501875.20	31.6211	5430508.88	3.5047	735550.82
140	2205515-91L 50X	0.0162	226.67	15.3053	50965.54	2.7732	100835.42	5.9934	1051156.21	0.6944	148850.28
141	2205515-91MS ...	1.0189	11164.11	90.7571	291740.28	17.9501	632900.24	36.7166	6135773.24	10.1477	2071898.77
142	2205515-91MSD...	1.0957	12088.13	89.9792	290529.39	17.8472	628719.08	35.7785	5978421.99	10.0160	2045477.99
143	2205515-91A 10X	2.8623	31697.72	89.1717	289499.76	17.0548	609780.10	34.7039	5875219.50	6.4291	1329915.29
144	2205515-92 10X	0.0890	1031.16	107.8923	353664.34	14.5965	513321.57	32.4036	5511938.67	3.6143	751295.72
145	2205515-93 10X	0.1070	1214.51	104.3606	335304.89	18.3007	640856.54	41.5097	7000329.48	4.6660	961774.02
146	2205515-94 10X	0.0667	784.48	67.4779	220335.54	14.7443	526587.35	33.7447	5767053.25	3.8050	794672.00
147	CCV	2.9194	31103.18	9.4285	31019.13	2.9967	107533.33	2.8718	494562.91	2.8512	599755.75
148	CCB	-0.0018	34.45	0.0030	16.67	0.0004	26.67	0.0004	253.35	0.0001	63.33
149	2205515-95 10X	0.0642	753.36	74.7174	241226.04	16.4548	581431.25	38.6206	6537332.61	4.2452	878180.82
150	2205515-96 10X	0.0642	754.48	82.4745	266742.02	17.7385	623118.52	40.9327	6962254.69	4.5267	940886.65
151	2205515-97 10X	0.0759	874.48	118.3028	376709.98	16.3823	574470.84	36.6217	6210459.91	4.0894	847496.99
152	2205515-98 10X	0.0579	681.14	79.7137	255366.14	16.7632	584504.64	38.4328	6462702.19	4.3207	887870.51
153	2205515-99 10X	0.0928	1072.28	93.3441	303632.46	15.5989	556258.84	35.0380	6082419.07	3.9409	836138.42
154	2205515-100 10X	0.0614	731.14	85.6861	278162.74	16.7920	591131.27	39.0889	6629624.49	4.3283	897240.92
155	CCV	2.8777	31078.68	9.0827	30314.01	2.9584	107443.19	2.8399	492064.79	2.8450	602174.62

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
156	CCB	0.0001	55.56	0.0048	23.33	0.0006	33.33	0.0005	276.68	0.0000	40.00
157	IP220608-6MB ...	-0.0004	51.11	0.0086	36.67	0.0007	36.67	0.0013	416.69	0.0000	53.34
158	IM220608-6LCS...	2.8771	31603.17	9.0385	30928.80	3.0359	111407.66	2.8723	506068.11	5.5805	1201203.42
159	2205515-101 10X	0.0745	873.37	166.9604	547827.14	16.5045	578349.99	36.8269	6342697.82	4.1050	863882.02
160	2205515-102 10X	0.0520	632.25	69.0545	225580.04	16.0684	569068.23	37.9475	6466722.40	4.2448	884073.89
161	2205515-103 10X	0.0741	866.71	117.8642	376341.87	16.0848	566953.64	36.7066	6248894.91	4.1402	861279.91
162	2205515-104 10X	0.0812	942.26	127.2738	411472.83	16.1660	565733.69	36.2314	6178343.03	4.0704	848206.97
163	2205515-105 10X	0.0751	883.38	89.5824	289540.74	14.7267	524254.48	33.5719	5795124.91	3.7321	787224.44
164	2205515-106 10X	0.0832	965.60	88.8370	292916.08	14.3119	513606.82	31.7228	5474022.21	3.5802	754979.10
165	2205515-107 10X	0.0908	1063.39	127.0454	413385.34	15.7328	557567.51	35.3627	6062088.66	3.9527	828070.90
166	2205515-107L ...	0.0195	272.23	25.1413	85732.50	3.1180	114516.32	6.8923	1232561.10	0.8125	177548.51
167	CCV	2.9060	31805.71	9.2491	31356.07	2.9934	109759.66	2.8455	502347.36	2.8601	616809.69
168	CCB	-0.0026	26.66	0.0112	46.67	0.0002	20.00	0.0009	346.68	-0.0001	26.67
169	2205515-107MS...	0.8444	9492.98	148.2326	482830.06	21.1193	739809.15	44.1109	7501289.89	11.0359	2293399.97
170	2205515-107MS...	0.9145	10220.14	143.2095	466955.70	20.7217	737536.11	41.4698	7094235.31	10.5405	2203965.75
171	2205515-107A ...	2.8261	31506.17	137.7276	443266.62	18.8966	668669.50	39.7521	6731065.11	7.4370	1538597.74
172	2205515-108 10X	0.0981	1151.17	135.2595	441723.30	16.8387	590079.44	38.1739	6532715.74	4.1949	877109.28
173	CCV	2.8931	31498.43	9.2520	31389.83	2.9888	108513.90	2.8562	505631.27	2.8612	618709.89
174	CCB	-0.0016	37.78	0.0094	40.00	0.0004	26.67	0.0003	243.35	-0.0001	33.33
175	IP220609-2MB ...	-0.0009	44.44	0.0069	30.00	0.0000	13.33	0.0000	190.01	-0.0001	23.33
176	IM220609-2LCS...	2.9424	32038.37	9.2190	31483.16	3.1108	111173.07	2.9084	513636.83	5.6521	1219437.14
177	IM220609-2LCS...	2.8737	31511.86	9.2540	31416.40	3.0850	112304.35	2.9067	517755.05	5.6334	1225776.02
178	2205515-109 10X	-0.0010	44.44	0.0096	40.00	0.0053	203.35	0.0055	1200.12	0.0007	203.34
179	2205515-110 10X	0.0002	56.67	0.0105	43.33	0.0012	56.67	0.0015	450.03	0.0001	76.67
180	2205515-111 10X	0.0019	75.56	0.0152	60.00	0.0006	33.33	0.0023	610.09	0.0001	76.67
181	CCV	2.9492	31771.27	9.2350	31082.27	3.0245	108513.91	2.8304	501430.89	2.8146	609118.64
182	CCB	0.0006	61.11	0.0095	40.00	0.0005	30.00	0.0008	326.69	0.0000	43.33
183	2205638-246 10X	0.0017	72.22	0.0586	206.68	0.0026	106.67	0.0046	1026.78	0.0003	103.34
184	2205638-251 10X	0.0002	56.67	0.0621	220.01	0.0071	263.35	0.0117	2320.28	0.0009	236.68
185	2205638-252 10X	0.0001	55.55	0.0385	140.01	0.0058	220.01	0.0085	1736.87	0.0011	290.02
186	2205638-253 10X	-0.0008	45.55	0.0563	200.01	0.0064	240.01	0.0115	2260.28	0.0014	353.35

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
187	2205638-254 10X	-0.0006	46.67	0.0246	90.00	0.0043	163.34	0.0062	1293.46	0.0005	163.34
188	CCV	2.8820	31231.15	9.1433	30935.59	3.0345	108415.44	2.8502	500082.67	2.8349	607700.88
189	CCB	-0.0007	45.55	0.0091	36.67	0.0002	20.00	0.0001	190.01	-0.0001	30.00
190	IP220610-1MB ...	-0.0007	46.67	0.0058	26.67	0.0006	33.33	0.0005	276.68	0.0000	53.33
191	IM220610-1LCS...	2.8423	30453.04	9.0339	30230.73	3.0492	108567.05	2.8654	496178.51	5.5616	1176514.93
192	IM220610-1LCS...	2.7975	29944.24	9.0061	29923.41	3.0349	108746.85	2.8636	498498.32	5.5571	1181707.48
193	2205638-1 10X	0.7058	8290.09	167.4740	555259.69	47.0473	1690092.79	86.8944	15348369.35	9.9713	2152153.04
194	2205638-2 10X	0.6140	7152.86	152.7886	508557.05	43.0580	1547018.00	81.0457	14221000.62	9.3395	2003230.55
195	2205638-3 10X	1.0009	11524.43	201.6026	665652.91	36.4418	1306041.80	65.0277	11500809.83	7.4758	1615504.25
196	2205638-4 10X	0.4741	5579.96	211.2472	708017.75	47.8318	1719226.54	94.0760	16336391.01	10.4028	2207738.93
197	2205638-5 10X	1.2236	14226.59	176.9982	582670.67	62.7660	2255363.77	110.8439	19371746.79	12.1474	2594449.18
198	2205638-7 10X	0.9898	11324.24	183.5501	592237.69	59.2272	2093894.29	108.9773	18826017.64	12.1821	2571580.38
199	2205638-8 10X	0.5625	6535.89	173.7418	575743.04	42.4317	1522598.00	80.6037	14084909.37	9.1878	1962216.90
200	CCV	2.9485	31146.56	9.1200	30177.46	2.9509	105774.87	2.8532	500205.43	2.8618	612832.06
201	CCB	-0.0004	48.89	0.0069	30.00	0.0008	40.00	0.0009	350.02	0.0000	50.00
202	2205638-9 10X	0.5522	6428.08	177.7465	584749.78	46.4609	1657883.88	86.5506	15248474.35	9.8874	2128201.84
203	2205638-10 10X	0.7610	8434.62	147.7910	474564.73	31.8269	1107527.64	59.8985	10365312.55	6.2867	1329378.31
204	2205638-11 10X	0.6562	7275.13	110.3446	353742.20	34.0048	1188801.05	65.6765	11235243.16	7.4621	1559707.84
205	2205638-12 10X	1.1817	13415.93	201.3568	655977.63	47.9158	1701172.22	82.8021	14428519.79	9.1577	1950077.00
206	2205638-13 10X	1.7974	20337.78	165.8394	534906.58	48.8649	1737868.31	87.0686	15278169.77	9.2390	1981002.94
207	2205638-14 10X	0.8892	10071.16	177.4848	580738.61	42.8912	1531305.45	76.6417	13442478.13	8.5889	1840851.12
208	2205638-15 10X	0.9365	10634.86	233.9139	756406.79	46.6991	1656144.19	84.1415	14532823.95	9.5052	2005999.24
209	2205638-16 10X	0.9037	10214.57	216.1508	710328.19	39.9053	1446872.68	72.6878	12898002.73	8.2433	1787586.07
210	2205638-17 10X	1.0960	12277.18	199.3852	646726.85	45.0754	1600512.89	78.7510	13735558.55	8.8492	1886083.88
211	CCV	2.9391	30710.19	9.3746	30581.36	2.9666	105633.30	2.8436	494934.86	2.8041	596313.83
212	CCB	-0.0013	38.89	0.0111	43.33	0.0016	66.67	0.0010	353.36	0.0000	50.00
213	2205638-18 10X	1.1843	13425.90	204.6121	666535.46	52.1004	1844488.10	91.5237	15859635.18	10.1852	2157173.51
214	2205638-19 10X	1.0651	12092.59	205.4198	668045.54	47.8513	1698370.39	84.4628	14784978.53	9.3829	2007069.30
215	2205638-20 10X	1.2660	14236.65	201.5711	651798.76	49.9013	1780081.38	87.4298	15277876.85	9.7952	2091451.74
216	2205638-21 10X	1.3382	15144.13	223.0507	723468.30	59.2040	2111490.59	107.8200	18770712.22	11.7655	2502916.42
217	CCV	2.9016	30489.83	9.5577	31135.87	2.9651	105234.80	2.8373	489999.19	2.8099	592881.95

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
218	CCB	-0.0020	31.11	0.0162	60.00	0.0017	70.00	0.0006	286.68	0.0000	36.67
219	IP220610-2MB ...	0.0015	67.78	0.0079	33.33	0.0015	66.67	0.0019	520.04	0.0004	126.67
220	IM220610-2LCS...	2.8676	30443.02	9.1824	30471.39	3.0467	107977.14	2.8704	503588.64	5.5920	1198293.34
221	2205638-22 10X	0.9448	10832.76	198.8026	646241.16	60.1479	2106844.08	106.8354	18561267.64	11.8498	2515428.35
222	2205638-23 10X	1.2266	13719.50	250.9546	804357.07	54.8831	1933849.03	98.9238	17252860.58	10.9637	2336230.33
223	2205638-24 10X	0.7139	7866.52	171.7285	552596.69	34.1937	1204997.01	64.2007	11048322.34	7.3350	1542396.70
224	2205638-25 10X	0.6729	7484.11	156.0191	508513.99	32.0735	1149483.60	59.5405	10459462.13	6.3681	1366937.69
225	2205638-26 10X	0.7223	8013.28	172.3468	555299.66	34.1040	1219065.50	66.3825	11589993.16	7.3031	1558330.08
226	2205638-27 10X	0.5523	6179.08	214.8124	693868.40	32.2123	1147173.81	62.1130	10740335.26	7.3035	1543312.11
227	2205638-28 10X	0.5014	5686.67	207.7240	681369.86	32.9537	1180527.04	65.0294	11260309.00	7.6254	1613455.39
228	2205638-29 10X	0.6062	6840.49	198.6321	656717.57	35.2539	1261932.51	69.3609	12094266.90	8.1137	1728771.59
229	CCV	2.9401	30669.10	9.3145	30434.49	2.9395	104898.62	2.8431	490445.43	2.8018	590355.76
230	CCB	-0.0021	30.00	0.0091	36.67	0.0011	50.00	0.0009	353.36	0.0000	40.00
231	2205638-30 10X	1.3850	15577.96	155.2748	503739.64	52.8337	1852475.39	91.2726	15823293.10	10.1747	2155268.51
232	2205638-31 10X	1.0873	11823.48	145.7495	453785.04	59.7760	2026706.63	111.1140	18801751.39	12.2578	2534564.28
233	2205638-32 10X	1.0738	12328.32	199.0641	663598.15	48.7627	1768089.61	85.7758	15109065.61	9.4054	2024677.58
234	2205638-33 10X	1.0459	12228.25	215.3900	717359.36	62.0623	2232631.58	118.3771	21016744.69	12.7606	2768511.00
235	2205638-34 10X	0.7320	8467.97	161.7033	538369.12	34.6784	1272885.89	64.8468	11643652.75	7.2698	1595260.70
236	2205638-35 10X	0.4823	5618.88	171.3269	581749.94	32.1828	1178906.41	61.9745	11143996.50	7.2886	1601024.61
237	2205638-36 10X	0.9716	11461.00	105.4897	350345.96	56.0889	2013217.05	104.2710	18605880.97	11.6344	2537082.00
238	2205638-37 10X	1.2495	14519.11	140.0045	468939.20	52.9094	1887348.20	96.1521	17149858.08	11.1210	2423643.87
239	2205638-38 10X	0.4595	5389.90	175.2461	598291.42	29.5849	1093293.89	58.2082	10525694.42	6.3906	1411543.47
240	2205638-39 10X	0.3710	4441.80	179.3659	615541.72	35.9924	1321954.67	71.3884	13047464.39	8.3671	1869134.55
241	CCV	2.9398	32779.92	9.6362	33634.54	3.0268	112670.55	2.9141	532809.80	2.8581	638352.48
242	CCB	0.0000	55.55	0.0064	30.00	0.0010	50.00	0.0017	516.70	0.0002	83.34
243	2205638-40 10X	0.9575	11225.25	117.6216	403490.70	40.5633	1458657.53	71.6014	13042936.05	7.9414	1767537.63
244	2205638-40L 50X	0.2327	2660.27	24.9716	87196.06	9.1852	336674.94	16.6475	3064016.83	1.6585	373038.90
245	2205638-40MS ...	1.8083	21076.63	140.0584	471103.19	45.5034	1646553.15	75.8658	13632536.88	13.7113	3010712.14
246	2205638-40MSD...	1.9044	22021.19	143.4042	479692.19	46.6905	1678816.64	77.6629	13919719.37	13.9622	3057613.70
247	2205638-40A 10X	3.6114	41257.69	118.1113	392696.18	39.0053	1399057.64	67.3387	12085471.90	10.0078	2194793.20
248	CCV	2.9691	32657.44	9.5337	32939.61	2.9869	111061.80	2.8564	517228.86	2.8290	625796.88

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
249	CCB	0.0021	78.89	0.0093	40.00	0.0011	53.33	0.0013	430.03	0.0000	43.33
250	RINSE	0.0048	104.45	0.0185	70.00	0.0017	70.00	0.0023	596.72	0.0001	63.33
251	RINSE	0.0032	88.89	0.0145	56.67	0.0025	100.01	0.0023	613.38	0.0001	76.67
252	RINSE	0.0024	80.00	0.0123	50.00	0.0014	60.00	0.0023	620.05	0.0001	63.33

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0001	23.33	0.0062	294.77	0.0052	1036.74	0.0060	234.45	0.0001	20.00
2	RINSE	0.0006	40.00	0.0045	227.14	0.0038	940.08	0.0040	152.23	-0.0001	13.33
3	RINSE	0.0005	36.67	0.0031	182.86	0.0018	856.73	0.0030	114.45	0.0001	18.89
4	BLANK	0.0000	20.00	0.0000	79.52	0.0000	793.38	0.0008	33.33	0.0000	16.67
5	H/1000	0.0326	1280.11	0.0011	118.57	0.0591	3793.73	0.0200	792.27	0.0098	486.69
6	H/100	0.2936	11311.32	0.0169	685.26	0.5312	28168.69	0.0846	3399.39	0.0954	4667.49
7	H/10	2.9592	111852.38	0.2011	7119.37	5.1677	260408.23	1.0015	39821.35	0.9806	46648.07
8	HIGH	30.0041	1037961.00	1.9999	63825.86	49.9829	2287269.21	9.9999	437248.87	10.0020	433117.27
9	RINSE	0.0005	36.67	-0.0003	65.71	0.0053	1013.41	0.0046	180.00	-0.0001	12.22
10	ICV	6.1066	227609.62	0.4091	14111.52	9.9384	490071.78	1.9023	75141.97	1.9620	91446.83
11	ICB	0.0006	40.00	-0.0010	41.90	0.0025	873.40	0.0011	42.22	-0.0003	3.33
12	LIV	0.0464	1753.52	0.0079	346.44	0.2315	12159.27	0.0198	765.59	0.0107	514.46
13	ICSA	0.0003	30.00	0.0002	79.05	0.0113	1243.43	0.0039	143.34	0.0001	20.00
14	ICSAB	3.0367	106481.97	0.2124	6849.71	5.1981	238802.69	1.1968	43670.20	1.0319	44753.06
15	CCV	2.9565	114046.30	0.2028	7284.21	5.1717	264438.48	1.0590	42848.83	0.9816	47386.30
16	CCB	0.0001	23.33	-0.0014	30.95	0.0011	836.72	0.0012	47.78	-0.0003	4.44
17	IP220609-4MB ...	-0.0003	6.67	-0.0013	30.47	0.0018	846.73	0.0010	38.89	-0.0002	5.56
18	IM220609-4LCS...	2.9309	111724.60	0.2087	7410.94	5.0770	256777.25	1.0003	40253.51	0.9837	46963.74
19	2206139-1 10X	11.4436	412776.83	0.3586	12088.79	14.6387	704565.30	3.6752	152690.08	2.2396	101942.55
20	2206139-1L 50X	2.3266	85722.24	0.0694	2489.28	2.9335	146930.97	0.7446	29835.27	0.4298	20294.34
21	2206139-1MS 10X	14.1928	518968.99	0.5600	18845.36	18.0618	869503.92	4.5620	194188.07	3.4286	156119.32
22	2206139-1MSD ...	14.7432	541228.45	0.5890	20079.33	19.5564	953923.28	4.7196	201665.67	3.1927	147300.54
23	2206139-1A 10X	14.6101	539654.78	0.5678	19528.60	19.5428	961511.27	4.7785	207330.10	3.2388	150721.68
24	CCV	2.9564	111406.07	0.2044	7206.56	5.2165	261822.15	1.0440	41741.24	0.9929	47044.94
25	CCB	-0.0002	13.33	-0.0006	55.71	0.0037	943.41	0.0014	54.44	-0.0002	7.78
26	IP220607-2MB ...	0.0000	20.00	-0.0007	50.95	0.0025	853.39	0.0011	42.22	-0.0002	5.56
27	IM220607-2LCS...	2.9544	114015.72	0.2109	7493.83	5.1548	260843.30	1.0021	40807.52	1.0059	48052.78
28	2205515-21 10X	12.1321	457544.46	0.0874	3131.31	8.7240	438325.46	4.0171	179398.96	0.6870	32630.96
29	2205515-22 10X	13.2003	502149.35	0.0877	3181.79	8.5696	435672.95	4.0682	183920.96	0.6679	32100.73
30	2205515-23 10X	13.8404	537776.05	0.0922	3363.27	9.0192	461818.19	4.1146	185027.80	0.7571	36652.51
31	2205515-24 10X	13.6503	522890.15	0.0926	3356.12	9.2528	470629.06	4.2468	193776.98	0.7636	36721.65

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2205515-25 10X	13.2309	495309.46	0.0919	3276.10	8.3982	420216.19	4.0483	179773.95	0.6598	31206.84
33	2205515-26 10X	12.6336	484271.70	0.0874	3118.92	8.3972	420293.48	3.9837	177186.11	0.6329	29945.18
34	2205515-27 10X	14.3277	545677.28	0.0958	3426.61	9.1661	460417.29	4.4681	200258.73	0.7022	33351.44
35	2205515-28 10X	13.9455	539025.25	0.1193	4278.74	9.3626	473847.77	4.3325	197767.97	0.7266	34769.18
36	CCV	2.8763	107907.91	0.2073	7181.78	5.2095	257029.40	1.0280	40795.26	0.9901	46116.34
37	CCB	-0.0002	13.33	-0.0012	35.24	-0.0007	720.05	0.0009	34.44	0.0000	14.44
38	2205515-29 10X	14.6358	559849.42	0.0981	3497.58	9.2756	464629.47	4.2077	189015.84	0.7211	34151.01
39	2205515-30 10X	14.5403	558328.62	0.1074	3792.89	8.7596	435792.91	4.4397	197831.21	0.7384	34732.35
40	2205515-31 10X	13.0050	496210.15	0.1066	3749.07	8.8367	437514.43	4.0142	177552.09	0.6779	31727.84
41	2205515-32 10X	14.4352	537680.90	0.1002	3558.54	10.0224	500333.35	4.3069	191681.28	0.6676	31514.09
42	2205515-33 10X	13.4586	507187.73	0.0875	3096.53	9.1403	453578.28	3.9796	175362.63	0.6393	29991.98
43	2205515-34 10X	13.2889	496824.62	0.0961	3349.92	8.7177	427174.31	4.2872	188012.81	0.7050	32661.03
44	2205515-34L 50X	2.6143	98370.44	0.0165	644.30	1.7359	86624.82	0.8513	34815.29	0.1386	6506.02
45	2205515-34MS ...	16.5277	613629.56	0.3262	11354.40	14.1828	704272.55	5.3855	247052.55	1.7413	81772.53
46	2205515-34MSD...	17.0520	631193.52	0.3303	11395.85	14.3252	705367.76	5.7430	264917.37	1.8180	84655.17
47	2205515-34A 10X	16.4432	600035.37	0.3097	10570.00	13.9857	680800.04	5.3812	238990.30	1.7179	79081.47
48	CCV	2.8659	105203.19	0.2046	7046.95	5.1490	252550.02	1.0232	40553.34	0.9793	45339.51
49	CCB	0.0008	46.67	-0.0010	39.53	0.0020	816.71	0.0015	56.66	-0.0003	2.22
50	2205515-35 10X	15.9000	580199.81	0.1441	4840.34	13.5549	644081.04	5.4661	243093.27	0.7627	34277.00
51	2205515-36 10X	14.5851	539743.76	0.0934	3253.71	8.6191	421789.65	4.5001	200677.47	0.8214	37991.55
52	2205515-37 10X	17.1614	623219.34	0.1129	3890.06	10.5668	512646.99	5.4217	243818.42	0.6936	31821.53
53	2205515-38 10X	17.0206	639250.84	0.1034	3635.23	12.1706	601692.34	4.7033	211060.10	0.7119	33283.53
54	2205515-39 10X	18.2411	689100.69	0.0999	3544.73	12.7299	634793.92	5.5755	257079.44	0.7970	37590.40
55	2205515-40 10X	20.2915	762885.22	0.0985	3512.34	12.6292	632892.69	6.6165	312906.38	0.9689	45916.25
56	CCV	2.8293	105265.66	0.2036	6896.41	5.1790	249693.61	1.0254	40288.22	0.9963	45336.15
57	CCB	-0.0004	3.33	-0.0016	22.38	0.0013	820.06	0.0011	42.22	-0.0002	6.67
58	IP220607-4MB ...	-0.0002	13.33	-0.0013	32.38	-0.0024	643.37	0.0009	37.78	-0.0002	6.67
59	IM220607-4LCS...	2.9053	107518.44	0.2095	7157.96	5.1192	249059.46	0.9642	38280.48	1.0091	46355.32
60	2205515-41 10X	21.1201	781775.48	0.1074	3684.77	13.5159	652636.97	6.9924	324398.11	1.1012	50285.27
61	2205515-42 10X	26.5738	994520.04	0.1646	5635.86	16.6897	809870.19	7.8122	371079.45	1.1911	54675.84
62	2205515-43 10X	18.0666	670974.55	0.1118	3929.12	11.5982	574208.05	5.4413	249397.21	0.7181	33620.86

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	2205515-44 10X	18.7813	711232.85	0.1019	3614.75	13.5115	673795.84	4.5538	206005.81	0.9722	45858.57
64	2205515-45 10X	20.1962	741786.81	0.1056	3646.19	12.4965	607570.21	5.0868	227303.57	0.9532	43823.25
65	2205515-45L 50X	4.0859	150115.25	0.0190	719.07	2.6070	127311.67	1.0773	43944.34	0.1917	8825.02
66	2205515-45MS ...	23.7590	847481.37	0.3169	10593.84	18.0048	858341.83	6.3562	288089.14	2.0174	90986.23
67	2205515-45MSD...	23.6689	843394.21	0.3224	10701.05	18.3804	870214.04	6.4976	292893.43	2.0215	90528.37
68	CCV	2.8175	102343.81	0.2045	6870.67	5.1836	247923.77	1.0238	40006.46	1.0126	45723.13
69	CCB	0.0002	26.67	-0.0013	29.52	-0.0001	706.71	0.0017	63.33	-0.0003	3.33
70	2205515-45A 10X	23.3669	832944.29	0.3152	10296.48	17.9922	837999.42	6.1426	271923.33	1.9899	87675.92
71	2205515-46 10X	23.0113	844067.59	0.0995	3449.00	13.1583	640637.22	6.5871	308843.03	1.0409	47935.02
72	2205515-47 10X	25.6142	944496.31	0.1447	4988.97	16.4487	802240.66	7.5140	356339.54	2.3290	107447.69
73	2205515-48 10X	20.6282	761214.31	0.1360	4728.41	12.5536	616740.54	6.0193	278869.87	0.7736	35940.86
74	2205515-49 10X	19.5398	724691.40	0.1147	4019.14	10.6469	525937.00	5.5672	254552.65	0.7520	35122.25
75	2205515-50 10X	19.3737	730177.85	0.1213	4213.49	11.5501	565939.22	5.3627	243940.12	0.7500	34754.57
76	2205515-51 10X	17.2670	644616.42	0.1062	3730.97	12.9058	638048.04	4.8312	220009.36	0.9550	44662.35
77	2205515-52 10X	21.1621	802948.24	0.1182	4187.76	12.0080	600050.99	6.0523	286427.84	1.2030	56846.36
78	2205515-53 10X	22.1838	833710.82	0.1391	4904.66	13.7989	687871.16	7.1397	349530.16	1.2908	60854.64
79	2205515-54 10X	19.8075	743753.29	0.1269	4434.50	11.7708	580908.82	5.9454	279370.27	0.7068	32987.19
80	CCV	2.8012	105957.89	0.1996	6934.05	5.1268	253476.62	1.0190	41179.62	0.9809	45784.34
81	CCB	0.0004	36.67	-0.0012	34.29	-0.0018	676.70	0.0014	55.56	-0.0002	8.89
82	2205515-55 10X	19.6908	728425.69	0.1260	4284.93	11.7893	566024.70	6.1356	282289.16	0.9090	41272.68
83	2205515-56 10X	17.1576	637557.28	0.3722	12959.53	14.8926	740365.28	5.7630	267432.12	0.8822	41484.46
84	2205515-57 10X	22.9518	847932.51	0.1321	4525.48	13.6871	662582.48	7.0616	333195.55	1.1294	51719.92
85	2205515-58 10X	20.8231	783682.18	0.1335	4626.46	13.2953	650852.23	6.9982	330957.35	1.1447	53008.05
86	2205515-59 10X	22.5645	824432.12	0.1338	4657.90	13.8023	678923.69	6.9232	327458.22	1.4009	65177.84
87	2205515-60 10X	21.3970	813112.18	0.1317	4564.54	13.8925	680344.34	6.7870	321604.34	0.9568	44324.53
88	2205515-60L 50X	4.2157	160830.14	0.0253	932.90	2.7786	135708.46	1.4154	58910.18	0.1860	8565.95
89	2205515-60MS ...	23.2780	870540.14	0.3281	11034.64	18.1280	869745.89	7.4630	352897.62	1.8914	85829.66
90	2205515-60MSD...	23.8099	884840.40	0.3425	11596.48	19.1899	927275.63	7.8132	373146.12	1.9646	89805.69
91	2205515-60A 10X	23.9697	884002.41	0.3318	11184.75	18.7602	902224.47	7.6676	363219.60	1.9101	86895.55
92	ZZZ										
93	ZZZ										

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	CCV	2.8260	99830.06	0.2086	6871.15	5.1139	239850.56	0.9789	38183.73	0.9863	43665.76
95	CCB	0.0003	30.00	-0.0016	20.95	0.0002	750.05	0.0009	33.33	-0.0002	5.56
96	IP220608-1MB ...	0.0004	33.33	-0.0018	13.81	-0.0032	586.70	0.0011	43.33	-0.0002	5.56
97	IM220608-1LCS...	2.7565	100273.16	0.2072	6891.16	5.1199	242459.82	0.9259	36391.29	1.0039	44876.01
98	IM220608-1LCS...	2.8602	103239.24	0.2088	6968.34	5.0662	240744.06	0.9479	36898.14	0.9886	44354.37
99	2205515-61 10X	18.5334	675520.41	0.1275	4364.00	12.1230	586014.48	6.2576	288005.68	0.8921	40785.60
100	2205515-62 10X	16.6967	605800.28	0.1807	6050.32	9.8014	465769.70	4.5330	200665.30	0.6997	31439.37
101	2205515-63 10X	16.8962	603108.32	0.2384	7804.96	9.1691	427542.08	4.6841	202898.69	0.6899	30410.57
102	2205515-64 10X	18.2459	660834.24	0.1191	4049.63	11.6732	559711.19	5.9234	269135.40	0.8201	37183.81
103	2205515-65 10X	19.1914	697511.34	0.1289	4378.77	12.8260	615472.67	6.4652	298153.87	1.0088	45780.47
104	2205515-66 10X	18.3224	673235.46	0.1116	3815.75	14.8666	715871.08	6.7292	313504.87	0.8464	38558.47
105	2205515-67 10X	18.1324	665887.10	0.1007	3466.14	13.6454	660153.98	6.4566	299539.09	0.8819	40357.94
106	CCV	2.8325	101353.91	0.2086	6964.04	5.1785	246294.48	1.0036	39400.20	0.9822	44095.78
107	CCB	0.0003	26.67	-0.0013	29.53	-0.0005	706.72	0.0009	34.44	-0.0002	4.44
108	2205515-68 10X	38.5988	1410885.45	0.2611	8799.33	13.8974	667265.99	7.3335	348829.67	1.1194	50831.30
109	2205515-69 10X	19.5781	706011.08	0.1122	3792.89	11.9407	568877.21	5.0241	221012.04	0.7831	35282.48
110	2205515-70 10X	18.0006	656917.70	0.1266	4267.79	12.1873	580139.53	4.7628	210204.48	0.7943	35758.18
111	2205515-71 10X	11.6122	426788.37	0.0709	2450.70	9.6898	466743.45	3.2969	142211.03	0.6710	30560.94
112	2205515-72 10X	17.3232	640275.33	0.0857	2964.12	9.8240	475756.38	4.3920	192974.99	0.5898	27006.25
113	2205515-73 10X	15.2939	541520.33	0.1411	4710.30	8.3792	395800.93	4.5908	199335.52	0.6263	27969.19
114	2205515-74 10X	13.5643	492727.41	0.0895	3018.90	8.2959	392446.53	4.1504	178814.26	0.4997	22348.36
115	2205515-75 10X	14.1476	496084.61	0.1279	4233.02	8.1671	382144.76	4.6206	197120.31	0.6263	27696.32
116	2205515-76 10X	16.0661	566031.76	0.1619	5301.46	8.7490	406136.59	5.4556	236553.06	0.6994	30692.13
117	2205515-77 10X	13.4006	469489.70	0.0873	2907.45	8.4483	394296.24	4.2043	177024.18	0.4958	21877.58
118	CCV	2.8054	100763.17	0.2037	6850.19	5.1217	245212.97	0.9989	39180.66	0.9891	44703.22
119	CCB	0.0006	40.00	-0.0017	17.62	0.0006	763.38	0.0010	38.89	-0.0002	4.44
120	2205515-78 10X	12.9362	453378.81	0.0998	3255.61	9.6995	444773.41	2.5385	102569.15	0.8304	36001.07
121	2205515-79 10X	15.5852	550921.70	0.2061	6741.10	9.7516	453546.65	4.9916	213605.47	0.7357	32354.76
122	2205515-80 10X	15.2299	544172.36	0.1186	3922.45	8.4076	392469.84	4.7027	203681.58	0.6193	27327.98
123	CCV	2.8204	102410.88	0.2047	6848.76	5.0998	242901.41	1.0078	39589.69	0.9952	44747.68
124	CCB	0.0004	33.33	-0.0018	15.71	-0.0014	686.71	0.0008	30.00	-0.0003	3.33

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
125	IP220608-2MB ...	0.0013	66.67	-0.0016	21.43	-0.0021	626.71	0.0011	44.44	0.0000	13.33
126	IM220608-2LCS...	2.7673	99566.24	0.2086	6913.55	5.0549	238576.47	0.9325	36634.20	0.9916	44176.19
127	2205515-81 10X	13.3558	476092.65	0.1030	3414.70	7.3423	342566.72	3.7892	157573.96	0.6182	27256.78
128	2205515-82 10X	14.4097	512805.90	0.1390	4591.21	8.0807	377526.79	4.5149	193073.75	0.5343	23601.52
129	2205515-83 10X	18.3411	647238.78	0.2080	6702.99	10.2194	468317.29	6.4499	283499.99	0.7841	33984.01
130	2205515-84 10X	16.4393	570204.13	0.1704	5496.76	8.3871	383838.96	5.0512	215488.02	0.7503	32459.56
131	2205515-85 10X	16.4153	577816.33	0.1563	5135.68	8.6289	401899.70	5.0425	216514.07	0.6976	30711.20
132	2205515-86 10X	16.4621	601493.52	0.1770	5879.29	8.7945	414595.34	4.9588	215782.37	0.7107	31669.87
133	2205515-87 10X	15.8537	565166.18	0.1572	5132.35	8.1147	375562.67	4.7619	203092.03	0.7131	31195.48
134	2205515-88 10X	15.0748	532006.36	0.1446	4743.64	8.5900	398938.77	4.9943	213780.34	0.6134	26932.60
135	CCV	2.7907	103343.61	0.2051	6999.31	5.0564	245666.64	0.9825	39411.15	0.9770	44805.78
136	CCB	0.0006	40.00	-0.0016	20.95	0.0000	753.38	0.0006	24.45	-0.0001	10.00
137	2205515-89 10X	16.4049	583190.83	0.2651	8559.64	10.2994	474066.69	6.1277	268378.52	0.8209	35726.96
138	2205515-90 10X	15.7192	559766.05	0.2141	7035.99	8.3997	392649.77	5.4328	236153.18	0.7131	31506.33
139	2205515-91 10X	13.7672	500928.33	0.1104	3713.83	8.8167	418007.33	3.9658	172718.06	0.6715	30097.80
140	2205515-91L 50X	2.7637	101297.32	0.0196	734.78	1.7726	86230.25	0.7903	31897.51	0.1322	6049.11
141	2205515-91MS ...	17.0954	617035.75	0.3207	10522.84	13.9331	652291.83	5.1677	224284.15	1.6874	74704.11
142	2205515-91MSD...	16.9483	604378.78	0.3317	10870.70	14.1383	661322.16	5.1044	222410.76	1.6730	74006.11
143	2205515-91A 10X	16.8277	607479.74	0.3165	10533.30	13.8773	658825.44	5.0542	218992.39	1.6544	74277.18
144	2205515-92 10X	13.9949	506622.39	0.1041	3454.71	7.9492	371505.18	3.7106	156394.68	0.6915	30545.35
145	2205515-93 10X	18.1922	657604.72	0.1391	4575.98	10.0290	466524.18	4.5965	196180.79	0.7138	31395.87
146	2205515-94 10X	14.9130	542136.07	0.1323	4442.59	8.4522	401121.45	4.6247	199844.11	0.6723	30160.02
147	CCV	2.8115	105344.12	0.2054	6885.44	5.1652	246538.84	0.9879	39089.37	0.9755	43954.13
148	CCB	0.0005	36.67	-0.0015	26.19	-0.0016	673.37	0.0008	30.00	-0.0001	11.11
149	2205515-95 10X	16.6636	604058.62	0.1526	5055.66	7.4479	349795.45	5.5250	242374.47	0.6617	29372.93
150	2205515-96 10X	17.6873	641338.30	0.1654	5444.37	8.4655	395195.89	6.0319	267234.22	0.7140	31505.16
151	2205515-97 10X	16.1218	577812.08	0.1257	4147.75	8.0405	374683.51	4.2599	180746.53	0.6146	27071.83
152	2205515-98 10X	17.0428	610749.11	0.2285	7435.23	9.2650	429232.55	4.8677	207983.99	0.8751	38325.67
153	2205515-99 10X	15.5176	567693.99	0.1419	4751.26	9.7514	461982.26	3.1295	130274.12	0.7386	33090.82
154	2205515-100 10X	16.9233	610892.35	0.2146	7055.52	8.4601	395736.11	5.7624	253414.20	0.6890	30467.41
155	CCV	2.8715	106091.62	0.2033	6896.40	5.0983	246315.09	0.9997	39716.73	0.9632	43932.02

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
156	CCB	0.0001	23.33	-0.0012	33.33	0.0010	800.06	0.0009	36.67	-0.0003	1.11
157	IP220608-6MB ...	-0.0003	10.00	-0.0013	31.43	0.0024	866.72	0.0013	52.22	-0.0003	3.33
158	IM220608-6LCS...	2.8392	107257.04	0.2063	7070.78	5.0116	244636.50	0.9466	37797.24	0.9730	44834.84
159	2205515-101 10X	16.2090	591423.47	0.1242	4096.31	7.8537	365757.86	4.7412	203777.27	0.5358	23587.91
160	2205515-102 10X	16.6190	605561.79	0.2593	8560.14	8.6510	407077.73	5.9076	259391.89	0.7229	32164.34
161	2205515-103 10X	16.2268	587970.06	0.1438	4758.89	8.2191	384989.58	4.2228	177976.37	0.5708	25277.53
162	2205515-104 10X	15.9218	581457.15	0.1446	4748.40	8.1388	378492.18	3.9469	165160.06	0.6272	27569.51
163	2205515-105 10X	14.6181	535231.80	0.1194	4002.95	8.8331	417848.56	4.2547	182135.62	0.6902	30871.66
164	2205515-106 10X	14.0936	515346.25	0.1075	3638.09	8.3278	397133.56	3.9052	167162.96	0.6052	27284.65
165	2205515-107 10X	15.5991	569341.67	0.1387	4617.89	7.9249	373261.14	3.8692	164047.67	0.5102	22721.09
166	2205515-107L ...	3.1883	119694.38	0.0252	930.51	1.5884	78127.20	0.7947	32032.22	0.0990	4578.55
167	CCV	2.8334	107099.59	0.2023	6930.71	5.0869	248122.89	0.9893	39672.07	0.9686	44600.77
168	CCB	0.0002	26.67	-0.0017	20.00	-0.0018	680.04	0.0009	35.55	-0.0003	3.33
169	2205515-107MS...	20.6811	753118.27	0.3546	11554.56	13.3906	622867.46	4.9558	211516.67	1.5733	69204.83
170	2205515-107MS...	19.4433	712460.22	0.3538	11711.83	13.2223	624905.84	5.0175	216346.89	1.5268	68237.92
171	2205515-107A ...	19.0807	686826.68	0.3505	11535.49	13.1192	616467.71	4.8984	208815.94	1.5026	66766.81
172	2205515-108 10X	16.5243	602346.15	0.1388	4566.93	8.3317	388012.71	4.0894	170668.54	0.5270	23199.74
173	CCV	2.8579	107723.26	0.2055	6970.25	5.0618	244477.14	0.9948	39772.30	0.9732	44383.45
174	CCB	0.0005	40.00	-0.0017	18.10	-0.0009	716.72	0.0009	35.56	-0.0003	2.22
175	IP220609-2MB ...	0.0012	63.33	-0.0016	20.95	0.0012	790.06	0.0010	38.89	0.0000	14.45
176	IM220609-2LCS...	2.8850	109018.68	0.1953	6523.38	5.1608	245333.33	1.0054	39940.61	0.9962	44705.78
177	IM220609-2LCS...	2.8451	108536.19	0.1945	6619.13	5.0688	245489.14	0.9903	39804.66	0.9944	45463.39
178	2205515-109 10X	0.0022	103.34	-0.0006	55.72	-0.0022	643.38	0.0010	41.11	-0.0001	10.00
179	2205515-110 10X	0.0002	26.67	-0.0011	37.14	0.0247	1923.47	0.0012	47.78	-0.0003	3.33
180	2205515-111 10X	0.0006	43.33	-0.0015	25.24	0.0325	2313.53	0.0009	36.67	-0.0001	8.89
181	CCV	2.8041	106491.39	0.2005	6723.94	5.1185	244300.99	0.9477	37635.48	0.9780	44064.59
182	CCB	-0.0001	16.67	-0.0016	21.90	-0.0030	610.04	0.0011	43.33	-0.0001	11.11
183	2205638-246 10X	0.0010	56.67	-0.0016	22.38	0.0068	1066.74	0.0012	48.89	0.0304	1385.64
184	2205638-251 10X	0.0046	196.68	-0.0015	22.86	0.0428	2756.91	0.0016	64.44	0.0002	22.22
185	2205638-252 10X	0.0041	173.34	-0.0016	21.43	0.0072	1076.74	0.0013	53.33	0.0014	77.78
186	2205638-253 10X	0.0057	240.01	-0.0016	21.91	0.0239	1853.47	0.0016	63.33	0.0004	32.22

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
187	2205638-254 10X	0.0031	136.68	-0.0014	25.71	0.0079	1086.74	0.0012	46.67	-0.0001	10.00
188	CCV	2.8285	106202.61	0.2079	6938.33	5.1669	245601.49	0.9401	37691.31	0.9887	44362.13
189	CCB	0.0002	26.67	-0.0016	21.43	-0.0031	576.71	0.0007	27.78	-0.0001	10.00
190	IP220610-1MB ...	-0.0001	16.67	-0.0016	20.47	-0.0048	516.70	0.0007	26.67	-0.0002	4.44
191	IM220610-1LCS...	2.8634	107476.20	0.2020	6720.61	5.0761	240426.97	0.9159	36147.41	0.9877	44161.71
192	IM220610-1LCS...	2.8268	105156.50	0.1997	6686.79	5.0379	240153.84	0.9118	35860.01	0.9791	44054.83
193	2205638-1 10X	34.1202	1285106.26	0.2821	9442.59	114.7272	5467868.54	5.2065	232091.56	1.7099	77144.64
194	2205638-2 10X	32.7820	1220879.59	0.2635	8823.15	96.1394	4582207.46	5.5777	248899.34	1.5299	69026.33
195	2205638-3 10X	26.2797	970996.05	0.2876	9602.21	223.9052	10644622.97	2.7455	113630.34	2.3304	104879.85
196	2205638-4 10X	35.8698	1331818.94	0.2392	8023.16	101.8160	4855077.64	6.0379	275370.14	2.1365	96434.07
197	2205638-5 10X	44.9584	1684456.43	0.3110	10402.74	183.1987	8731842.42	5.9268	269576.01	2.2853	103108.45
198	2205638-7 10X	45.0105	1646443.21	0.3307	10879.76	179.6171	8424508.16	7.2070	331046.06	2.2123	98222.98
199	2205638-8 10X	32.3769	1196656.44	0.2520	8433.87	92.0586	4382160.25	4.9758	221262.73	1.6235	73156.10
200	CCV	2.8549	107042.93	0.2070	6931.67	5.1026	243324.10	1.0118	40229.17	0.9742	43853.96
201	CCB	0.0005	36.67	-0.0012	34.76	0.0051	986.74	0.0013	52.22	-0.0001	8.89
202	2205638-9 10X	34.1875	1278099.59	0.2770	9209.09	110.2278	5217212.58	6.3094	287411.76	1.6682	74742.10
203	2205638-10 10X	24.1467	883252.38	0.3858	12480.54	125.8027	5807384.68	6.4898	290788.42	2.4637	107654.27
204	2205638-11 10X	26.6032	969132.15	0.3154	10262.65	104.6005	4851110.68	6.4311	287502.62	2.1816	95766.27
205	2205638-12 10X	32.4102	1187848.63	0.3423	11307.69	171.2164	8063409.51	3.8425	163743.39	2.2661	101021.52
206	2205638-13 10X	32.9362	1205405.27	0.4105	13568.16	279.0036	13161409.28	7.4776	354209.94	2.9177	130288.20
207	2205638-14 10X	30.3026	1117849.57	0.3058	10165.43	115.8733	5488171.35	3.2812	139569.54	2.0021	89766.32
208	2205638-15 10X	33.0968	1223563.47	0.3264	10773.47	117.9134	5547111.25	6.6521	306385.74	2.1808	97113.38
209	2205638-16 10X	28.9876	1077436.31	0.3148	10622.91	157.3453	7566136.87	3.3974	144652.30	3.6918	168032.85
210	2205638-17 10X	30.9157	1134254.49	0.3919	12934.75	226.9414	10688765.72	6.4191	293324.63	3.1019	138300.22
211	CCV	2.7896	104222.92	0.2045	6803.50	5.1085	241951.26	0.9942	38795.27	0.9819	43898.55
212	CCB	0.0002	26.67	-0.0015	22.86	0.0079	1093.41	0.0015	57.78	-0.0002	7.78
213	2205638-18 10X	35.0150	1286200.24	0.3287	10828.28	166.7996	7833665.40	5.3503	236504.35	2.3167	102985.40
214	2205638-19 10X	32.6511	1207805.01	0.3171	10476.13	166.9431	7859612.85	4.2785	187315.47	2.1955	97842.43
215	2205638-20 10X	34.3994	1268496.33	0.3273	10866.89	183.4831	8683357.68	4.3509	186787.38	2.0900	93625.41
216	2205638-21 10X	44.7903	1629791.96	0.3356	11134.22	205.3711	9715424.23	5.7850	259275.46	2.7531	123286.89
217	CCV	2.8329	105058.59	0.2076	6881.16	5.1368	242520.58	0.9927	38964.70	0.9786	43621.06

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
218	CCB	0.0010	56.67	-0.0015	24.29	0.0090	1136.75	0.0021	81.11	-0.0003	2.22
219	IP220610-2MB ...	0.0006	40.00	-0.0016	22.38	0.0133	1353.43	0.0016	62.22	-0.0001	10.00
220	IM220610-2LCS...	2.8767	107223.87	0.2092	6926.42	5.1411	242347.53	0.9184	36357.89	1.0043	44691.99
221	2205638-22 10X	44.7041	1632281.64	0.3251	10599.08	189.0621	8784898.82	6.3810	290600.88	2.4915	109586.27
222	2205638-23 10X	40.5098	1466260.24	0.3696	12109.76	255.8496	11959262.11	5.5976	248454.89	2.4967	110472.51
223	2205638-24 10X	26.1707	944563.55	0.2752	9037.57	102.4202	4788877.20	3.6674	154920.63	1.6485	72970.28
224	2205638-25 10X	24.1038	890286.47	0.2521	8425.31	87.4282	4156910.80	2.7387	114004.17	1.5426	69431.21
225	2205638-26 10X	25.9096	951294.86	0.2676	8917.48	102.0264	4838133.10	2.7688	115050.78	1.6687	74904.93
226	2205638-27 10X	26.3603	955893.34	0.2797	9280.58	79.1603	3739848.22	4.4529	191964.21	1.7258	77177.32
227	2205638-28 10X	27.2019	996821.99	0.2956	9864.27	65.1076	3094476.13	6.2916	286547.62	1.6140	72608.15
228	2205638-29 10X	28.5341	1063883.37	0.3012	10037.75	75.5443	3587624.97	4.7462	209567.94	1.8967	85263.48
229	CCV	2.7935	103857.67	0.2009	6698.70	5.1819	245972.35	0.9907	39335.74	0.9806	43940.93
230	CCB	0.0003	30.00	-0.0015	25.24	0.0089	1150.08	0.0020	78.89	-0.0002	4.44
231	2205638-30 10X	34.9126	1268809.83	0.3914	12756.97	242.2533	11267198.37	4.1858	178517.93	2.7070	119182.61
232	2205638-31 10X	45.9652	1646477.48	0.3784	11930.08	220.3923	9913475.53	4.1974	174163.60	3.5130	149571.00
233	2205638-32 10X	33.0634	1212310.53	0.3422	11541.68	175.2191	8427480.19	4.4723	196439.24	2.2469	102296.83
234	2205638-33 10X	47.4581	1779039.82	0.3665	12262.26	186.4064	8894956.06	7.0383	328362.34	2.4496	110646.09
235	2205638-34 10X	25.2787	961091.89	0.2456	8407.66	116.7803	5686828.09	4.3181	190936.73	1.6893	77872.91
236	2205638-35 10X	25.5692	965977.85	0.2536	8663.53	92.6639	4503419.44	5.3286	240524.76	1.5821	72789.94
237	2205638-36 10X	42.9749	1618262.84	0.3787	12639.72	187.7379	8939200.28	6.3587	292677.37	4.4908	202397.55
238	2205638-37 10X	42.5949	1597442.63	0.3518	11670.36	185.0536	8756411.27	3.3502	142905.36	2.8630	128241.08
239	2205638-38 10X	23.6159	900613.27	0.2170	7490.52	60.4977	2966189.11	4.2924	190757.51	1.4941	69334.03
240	2205638-39 10X	29.6766	1143655.40	0.2444	8372.89	56.2778	2742353.63	5.4822	250536.99	1.5527	71614.33
241	CCV	2.8158	110822.19	0.2043	7104.59	5.1092	253023.56	0.9886	40268.14	0.9715	45414.22
242	CCB	0.0002	30.00	-0.0015	25.71	0.0142	1463.44	0.0017	70.00	-0.0001	10.00
243	2205638-40 10X	27.1918	1041720.40	0.3008	10070.61	170.5465	8134514.00	2.6407	112263.62	2.1938	99047.64
244	2205638-40L 50X	6.1677	238310.32	0.0658	2303.05	35.0224	1703349.78	0.5715	23093.54	0.5216	24018.81
245	2205638-40MS ...	30.7070	1172643.66	0.5031	16901.59	176.1793	8456096.28	2.5361	105849.75	3.2052	145625.39
246	2205638-40MSD...	31.2346	1186775.63	0.5162	17230.53	183.9008	8771910.86	2.7075	112699.33	3.3014	149056.31
247	2205638-40A 10X	27.6353	1047473.55	0.4798	15981.55	159.5417	7590911.14	3.4529	146033.16	2.9873	134545.29
248	CCV	2.8241	110375.55	0.2010	6983.11	5.0730	250917.25	0.9856	39878.23	0.9557	44619.64

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
249	CCB	0.0011	63.33	-0.0014	29.52	0.0119	1343.43	0.0017	66.67	-0.0001	11.11
250	RINSE	0.0009	53.33	-0.0007	50.48	0.0175	1530.11	0.0142	553.35	-0.0001	12.22
251	RINSE	0.0013	70.00	-0.0009	43.81	0.0163	1473.45	0.0123	474.46	-0.0001	10.00
252	RINSE	0.0002	26.67	-0.0012	33.34	0.0191	1620.12	0.0095	372.23	-0.0001	12.22

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
1	RINSE	9096670.49		4881318.37	100.0	410175.48	100.0	2185078.25	100.0	162513.16	100.0
2	RINSE	8984380.70		4808307.43	100.0	406009.68	100.0	2142903.04	100.0	162856.11	100.0
3	RINSE	8500736.96		4597553.58	100.0	404152.23	100.0	2024568.15	100.0	164389.23	100.0
4	BLANK	9061515.49		4886448.47	100.0	410695.80	100.0	2089497.67	100.0	161789.07	100.0
5	H/1000	8977020.49		4834742.84	98.9	411187.12	100.1	2067222.47	98.9	160519.55	99.2
6	H/100	9146488.61		4961791.59	101.5	422872.25	103.0	2096055.28	100.3	163499.22	101.1
7	H/10	8930214.45		4758097.74	97.4	409090.96	99.6	2072802.52	99.2	160567.17	99.2
8	HIGH	8814568.62		4510595.56	92.3	384684.19	93.7	1964351.38	94.0	155740.01	96.3
9	RINSE	8834996.12		4781976.91	97.9	403312.74	98.2	2088369.76	99.9	161370.02	99.7
10	ICV	8858634.24		4674567.33	95.7	397621.92	96.8	2000182.62	95.7	155890.93	96.4
11	ICB	8269716.75		4512242.43	92.3	388657.01	94.6	1933978.15	92.6	154105.94	95.3
12	LIV	8735577.16		4696320.87	96.1	403489.99	98.2	1986307.42	95.1	157175.53	97.1
13	ICSA	8537043.41		4514687.33	92.4	385507.87	93.9	2008589.29	96.1	153055.78	94.6
14	ICSAB	8677473.41		4633796.08	94.8	387033.82	94.2	2012766.53	96.3	154521.81	95.5
15	CCV	9388326.32		4970439.93	101.7	423357.98	103.1	2160160.85	103.4	168614.12	104.2
16	CCB	9070745.91		4886520.76	100.0	411561.95	100.2	2083550.91	99.7	163967.24	101.3
17	IP220609-4MB ...	8952184.24		4813567.22	98.5	409792.39	99.8	2092234.55	100.1	161765.01	100.0
18	IM220609-4LCS...	9166529.86		4898276.28	100.2	414617.23	101.0	2097344.81	100.4	162930.17	100.7
19	2206139-1 10X	8930772.99		4757135.87	97.4	412970.14	100.6	2018758.72	96.6	161195.51	99.6
20	2206139-1L 50X	9029744.45		4769427.53	97.6	416448.49	101.4	2078548.10	99.5	162045.46	100.2
21	2206139-1MS 10X	9077500.07		4781082.22	97.8	418863.28	102.0	2052927.99	98.2	161189.06	99.6
22	2206139-1MSD ...	9105216.53		4817664.51	98.6	415262.23	101.1	2046735.54	98.0	162705.10	100.6
23	2206139-1A 10X	9221144.24		4871524.51	99.7	420693.85	102.4	2073790.23	99.2	164611.90	101.7
24	CCV	9286312.57		4912352.74	100.5	414114.06	100.8	2112604.19	101.1	162287.63	100.3
25	CCB	9085588.82		4827568.05	98.8	406023.45	98.9	2080006.74	99.5	161813.40	100.0
26	IP220607-2MB ...	8569963.21		4582605.97	93.8	393931.09	95.9	2013195.91	96.3	156446.60	96.7
27	IM220607-2LCS...	9278574.65		4949796.49	101.3	417955.92	101.8	2128180.17	101.9	163183.86	100.9
28	2205515-21 10X	9340164.03		5013096.49	102.6	432161.97	105.2	2125798.98	101.7	166354.26	102.8
29	2205515-22 10X	9465197.36		5041461.18	103.2	440589.91	107.3	2162762.94	103.5	170783.48	105.6
30	2205515-23 10X	9667483.61		5166714.19	105.7	445272.19	108.4	2205722.31	105.6	171741.28	106.2
31	2205515-24 10X	9480397.57		5053086.28	103.4	437861.27	106.6	2182445.43	104.4	170270.69	105.2

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
32	2205515-25 10X	9390512.57		5004523.47	102.4	430143.09	104.7	2114885.18	101.2	167117.69	103.3
33	2205515-26 10X	9295110.07		5010736.59	102.5	431386.10	105.0	2139291.11	102.4	168021.72	103.9
34	2205515-27 10X	9384078.19		4993266.59	102.2	432698.99	105.4	2121435.18	101.5	167863.74	103.8
35	2205515-28 10X	9591403.61		5147712.42	105.3	432366.66	105.3	2164892.52	103.6	167103.55	103.3
36	CCV	9071317.16		4811849.41	98.5	409575.65	99.7	2066374.09	98.9	162466.20	100.4
37	CCB	8961820.70		4846890.14	99.2	404612.03	98.5	2088234.19	99.9	159012.45	98.3
38	2205515-29 10X	9581232.57		5085681.49	104.1	436493.05	106.3	2187617.31	104.7	167580.25	103.6
39	2205515-30 10X	9508061.32		5073289.72	103.8	434345.00	105.8	2161676.37	103.5	167064.95	103.3
40	2205515-31 10X	9408683.40		5030021.07	102.9	425477.57	103.6	2169993.46	103.9	165533.60	102.3
41	2205515-32 10X	9167032.16		4946566.28	101.2	424010.41	103.2	2088379.92	99.9	165183.19	102.1
42	2205515-33 10X	9192655.28		4960724.20	101.5	420706.40	102.4	2115008.72	101.2	162770.29	100.6
43	2205515-34 10X	9104875.07		4912362.32	100.5	415509.59	101.2	2084679.87	99.8	162125.99	100.2
44	2205515-34L 50X	8873958.62		4856013.05	99.4	414565.58	100.9	2053677.00	98.3	160435.63	99.2
45	2205515-34MS ...	9264399.45		4930536.80	100.9	422186.69	102.8	2090379.34	100.0	163437.76	101.0
46	2205515-34MSD...	9027002.99		4867184.82	99.6	416300.85	101.4	2075294.08	99.3	161939.56	100.1
47	2205515-34A 10X	8847316.74		4747822.01	97.2	410842.99	100.0	2014257.73	96.4	158892.22	98.2
48	CCV	8707738.83		4653147.64	95.2	401315.24	97.7	2007405.23	96.1	158004.81	97.7
49	CCB	8342400.92		4511280.04	92.3	382282.97	93.1	1945754.19	93.1	149991.87	92.7
50	2205515-35 10X	9128651.53		4862977.22	99.5	415776.52	101.2	2079684.34	99.5	160136.66	99.0
51	2205515-36 10X	9043429.24		4847464.40	99.2	418606.24	101.9	2066426.74	98.9	161525.73	99.8
52	2205515-37 10X	8954282.16		4773523.47	97.7	416646.66	101.4	2046648.51	97.9	160233.27	99.0
53	2205515-38 10X	9150544.45		4956028.99	101.4	423739.45	103.2	2106178.30	100.8	163344.14	101.0
54	2205515-39 10X	9518931.11		5075956.17	103.9	433562.87	105.6	2160149.03	103.4	168304.26	104.0
55	2205515-40 10X	9424732.15		5023133.47	102.8	438271.09	106.7	2145906.38	102.7	167893.06	103.8
56	CCV	9068004.87		4824408.57	98.7	394929.55	96.2	2093767.83	100.2	156000.66	96.4
57	CCB	8600576.33		4656736.70	95.3	398694.72	97.1	1996597.11	95.6	155635.84	96.2
58	IP220607-4MB ...	8958248.83		4838413.57	99.0	406193.21	98.9	2073376.12	99.2	159792.76	98.8
59	IM220607-4LCS...	8932863.20		4799921.39	98.2	398845.67	97.1	2062808.93	98.7	156968.93	97.0
60	2205515-41 10X	9407166.32		4941962.22	101.1	427593.04	104.1	2100408.77	100.5	163839.02	101.3
61	2205515-42 10X	9467551.32		5003222.53	102.4	431313.51	105.0	2102208.98	100.6	164640.23	101.8
62	2205515-43 10X	9243554.24		4930703.67	100.9	427996.04	104.2	2071791.27	99.2	164840.35	101.9

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
63	2205515-44 10X	9416159.23		5034127.01	103.0	428080.40	104.2	2148870.75	102.8	165003.65	102.0
64	2205515-45 10X	9000977.99		4856003.26	99.4	415142.09	101.1	2058803.30	98.5	160501.28	99.2
65	2205515-45L 50X	8605902.79		4686982.43	95.9	403711.09	98.3	1978332.63	94.7	155364.34	96.0
66	2205515-45MS ...	8946632.36		4797834.83	98.2	411208.60	100.1	2004157.78	95.9	156870.88	97.0
67	2205515-45MSD...	8755065.08		4713393.47	96.5	409550.87	99.7	1968631.22	94.2	156227.75	96.6
68	CCV	8553654.25		4653181.28	95.2	388642.57	94.6	1991902.68	95.3	151589.42	93.7
69	CCB	8101878.42		4440584.31	90.9	370712.73	90.3	1898861.69	90.9	145024.62	89.6
70	2205515-45A 10X	8746947.99		4677830.66	95.7	405319.91	98.7	1987235.28	95.1	155800.32	96.3
71	2205515-46 10X	9114532.99		4909907.53	100.5	423415.93	103.1	2073268.35	99.2	161200.01	99.6
72	2205515-47 10X	9237609.45		4905508.78	100.4	422894.02	103.0	2079680.02	99.5	163662.19	101.2
73	2205515-48 10X	9152466.74		4866628.99	99.6	423686.70	103.2	2090450.34	100.0	160963.12	99.5
74	2205515-49 10X	9208751.12		4926304.93	100.8	426532.12	103.9	2079754.03	99.5	164110.29	101.4
75	2205515-50 10X	9373412.15		5037913.78	103.1	431250.06	105.0	2145686.37	102.7	164532.18	101.7
76	2205515-51 10X	9329195.69		4976260.14	101.8	428940.23	104.4	2122923.72	101.6	165665.92	102.4
77	2205515-52 10X	9245652.36		4937194.82	101.0	432100.32	105.2	2099886.69	100.5	164368.10	101.6
78	2205515-53 10X	9535648.82		5045767.74	103.3	433138.13	105.5	2130947.42	102.0	166711.73	103.0
79	2205515-54 10X	9351415.69		4976189.20	101.8	428392.41	104.3	2137581.01	102.3	165222.86	102.1
80	CCV	9371614.03		4942478.47	101.1	404987.05	98.6	2111571.37	101.1	160038.41	98.9
81	CCB	9277322.36		4951286.07	101.3	409774.19	99.8	2114662.31	101.2	159211.67	98.4
82	2205515-55 10X	9324943.19		4915569.51	100.6	419874.24	102.2	2089016.43	100.0	162540.45	100.5
83	2205515-56 10X	9378305.07		5036430.13	103.1	431191.84	105.0	2123108.66	101.6	166304.17	102.8
84	2205515-57 10X	9483065.69		5006188.88	102.5	427072.13	104.0	2124435.18	101.7	163754.82	101.2
85	2205515-58 10X	9379651.94		5004203.57	102.4	428976.83	104.5	2115489.65	101.2	164520.02	101.7
86	2205515-59 10X	9165608.61		4832784.72	98.9	426031.71	103.7	2087722.67	99.9	163235.47	100.9
87	2205515-60 10X	9527014.23		5096742.84	104.3	430212.24	104.8	2136040.59	102.2	164152.72	101.5
88	2205515-60L 50X	9302877.78		5028522.74	102.9	409411.92	99.7	2133035.02	102.1	160098.83	99.0
89	2205515-60MS ...	9365316.52		4990896.59	102.1	414011.54	100.8	2091906.32	100.1	158740.08	98.1
90	2205515-60MSD...	9162378.82		4884635.45	100.0	413474.55	100.7	2045205.75	97.9	158724.97	98.1
91	2205515-60A 10X	9030845.49		4830166.28	98.8	415303.22	101.1	2051712.84	98.2	158908.10	98.2
92	ZZZ										
93	ZZZ										

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
94	CCV	8389151.75		4491421.18	91.9	379579.37	92.4	1933674.71	92.5	148632.93	91.9
95	CCB	8421635.29		4577843.78	93.7	386715.63	94.2	1981712.63	94.8	150418.30	93.0
96	IP220608-1MB ...	8569681.75		4666142.33	95.5	390475.24	95.1	1998537.63	95.6	155485.18	96.1
97	IM220608-1LCS...	8432876.33		4589431.70	93.9	389028.98	94.7	1975820.96	94.6	153455.80	94.8
98	IM220608-1LCS...	8541626.96		4634035.97	94.8	386053.59	94.0	1987894.08	95.1	152813.51	94.5
99	2205515-61 10X	9095449.03		4867916.18	99.6	418165.96	101.8	2050153.77	98.1	161303.67	99.7
100	2205515-62 10X	8867890.70		4776593.68	97.8	410887.17	100.0	2042385.85	97.7	158133.06	97.7
101	2205515-63 10X	8546474.04		4665510.56	95.5	399701.20	97.3	1990894.09	95.3	152985.34	94.6
102	2205515-64 10X	8819804.87		4745055.56	97.1	409734.74	99.8	2019080.13	96.6	158915.10	98.2
103	2205515-65 10X	8900176.33		4772011.91	97.7	412551.05	100.5	2035042.26	97.4	158791.81	98.1
104	2205515-66 10X	9227818.82		4843357.22	99.1	416666.14	101.5	2058253.62	98.5	160821.74	99.4
105	2205515-67 10X	8881424.24		4745447.74	97.1	408083.86	99.4	2022878.72	96.8	157541.95	97.4
106	CCV	8321249.46		4515218.48	92.4	385100.62	93.8	1950288.83	93.3	151986.97	93.9
107	CCB	8169120.92		4404419.62	90.1	381862.76	93.0	1918424.97	91.8	148325.75	91.7
108	2205515-68 10X	9134914.66		4875258.78	99.8	427709.73	104.1	2053668.30	98.3	164577.08	101.7
109	2205515-69 10X	8874217.78		4801190.35	98.3	411482.77	100.2	2043900.13	97.8	156320.20	96.6
110	2205515-70 10X	8904590.49		4789582.64	98.0	412046.19	100.3	2047685.23	98.0	158489.65	98.0
111	2205515-71 10X	8940593.41		4788964.93	98.0	412756.66	100.5	2046364.03	97.9	160079.04	98.9
112	2205515-72 10X	9077752.36		4864924.72	99.6	417460.32	101.6	2082044.92	99.6	160449.80	99.2
113	2205515-73 10X	8584805.29		4645475.56	95.1	403690.69	98.3	1971874.35	94.4	152834.65	94.5
114	2205515-74 10X	8781677.16		4776118.78	97.7	409681.40	99.8	2025693.98	96.9	156899.00	97.0
115	2205515-75 10X	8377031.54		4558951.81	93.3	397029.63	96.7	1932389.09	92.5	153062.07	94.6
116	2205515-76 10X	8375011.12		4577011.08	93.7	391986.05	95.4	1906056.85	91.2	151057.90	93.4
117	2205515-77 10X	8183704.46		4508144.83	92.3	393389.11	95.8	1898642.27	90.9	149865.64	92.6
118	CCV	8440772.58		4578011.18	93.7	386099.52	94.0	1976708.67	94.6	150607.18	93.1
119	CCB	8422257.17		4591967.74	94.0	384508.00	93.6	1970863.05	94.3	150569.28	93.1
120	2205515-78 10X	8280511.33		4535130.56	92.8	388157.49	94.5	1933721.22	92.5	151024.29	93.3
121	2205515-79 10X	8624610.70		4629359.41	94.7	402972.35	98.1	1964381.33	94.0	153381.99	94.8
122	2205515-80 10X	8529437.37		4642258.89	95.0	401657.36	97.8	1970077.52	94.3	154855.45	95.7
123	CCV	8563667.79		4589440.77	93.9	388593.38	94.6	1995124.82	95.5	152159.71	94.0
124	CCB	8562450.29		4626416.28	94.7	393613.95	95.8	2007297.63	96.1	154455.62	95.5

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
125	IP220608-2MB ...	8349260.92		4571003.79	93.5	379427.38	92.4	1966447.32	94.1	150357.89	92.9
126	IM220608-2LCS...	8444469.46		4563345.87	93.4	383269.89	93.3	1966713.46	94.1	149576.51	92.5
127	2205515-81 10X	8617572.16		4713464.51	96.5	400096.46	97.4	1984397.47	95.0	154097.80	95.2
128	2205515-82 10X	8669541.75		4676141.49	95.7	403332.25	98.2	1960293.67	93.8	154219.67	95.3
129	2205515-83 10X	8606773.00		4577795.87	93.7	398222.18	97.0	1933623.20	92.5	150890.99	93.3
130	2205515-84 10X	8318590.29		4517099.52	92.4	388171.74	94.5	1925817.52	92.2	149556.81	92.4
131	2205515-85 10X	8497046.12		4613598.16	94.4	406431.60	99.0	1932401.22	92.5	153093.52	94.6
132	2205515-86 10X	8741952.99		4710119.93	96.4	409610.11	99.7	1998901.79	95.7	155837.92	96.3
133	2205515-87 10X	8628825.92		4691802.43	96.0	402658.73	98.0	1988965.65	95.2	153348.86	94.8
134	2205515-88 10X	8624363.62		4658097.01	95.3	399635.07	97.3	1993483.10	95.4	153657.25	95.0
135	CCV	8973436.53		4825069.41	98.7	399101.83	97.2	2063055.70	98.7	156780.44	96.9
136	CCB	9047215.49		4868480.55	99.6	400993.39	97.6	2088251.95	99.9	157426.94	97.3
137	2205515-89 10X	8890095.91		4713312.33	96.5	401287.29	97.7	2008530.38	96.1	154032.66	95.2
138	2205515-90 10X	8884706.33		4735630.86	96.9	408004.29	99.3	2012232.47	96.3	157042.78	97.1
139	2205515-91 10X	8995510.91		4828720.45	98.8	415532.21	101.2	2054401.01	98.3	159685.27	98.7
140	2205515-91L 50X	8856640.29		4769600.35	97.6	405165.57	98.7	2058140.28	98.5	156548.77	96.8
141	2205515-91MS ...	8948536.33		4789793.57	98.0	413218.71	100.6	2039738.30	97.6	158974.79	98.3
142	2205515-91MSD...	8964676.12		4797422.12	98.2	416257.25	101.4	2040069.35	97.6	160122.92	99.0
143	2205515-91A 10X	9030433.82		4809647.01	98.4	419032.85	102.0	2046618.77	97.9	160384.32	99.1
144	2205515-92 10X	9044291.95		4900443.99	100.3	415678.16	101.2	2064629.45	98.8	157897.97	97.6
145	2205515-93 10X	8964542.57		4824221.70	98.7	411039.84	100.1	2031144.29	97.2	156817.71	96.9
146	2205515-94 10X	9001354.03		4897304.20	100.2	414702.65	101.0	2036881.17	97.5	158831.33	98.2
147	CCV	9186098.20		4882390.45	99.9	403067.74	98.1	2085377.78	99.8	156134.01	96.5
148	CCB	9011590.08		4848862.43	99.2	401911.69	97.9	2085495.49	99.8	157806.98	97.5
149	2205515-95 10X	9189609.24		4870342.95	99.7	412874.80	100.5	2080694.08	99.6	157940.43	97.6
150	2205515-96 10X	9209878.20		4850336.38	99.3	413004.57	100.6	2053445.44	98.3	158295.64	97.8
151	2205515-97 10X	8933797.57		4774367.12	97.7	409570.33	99.7	2038241.17	97.5	159008.39	98.3
152	2205515-98 10X	8952926.53		4731414.62	96.8	410421.58	99.9	2028797.68	97.1	157560.51	97.4
153	2205515-99 10X	9125491.95		4919886.59	100.7	415340.39	101.1	2091471.58	100.1	161409.69	99.8
154	2205515-100 10X	9168280.91		4887320.03	100.0	417105.23	101.6	2051231.37	98.2	157913.44	97.6
155	CCV	9338895.49		4918087.22	100.6	408639.19	99.5	2131575.07	102.0	161170.22	99.6

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
156	CCB	9534871.32		5008932.11	102.5	413421.71	100.7	2165186.95	103.6	163773.03	101.2
157	IP220608-6MB ...	9581598.61		5090826.49	104.2	418290.51	101.8	2201024.24	105.3	163485.80	101.0
158	IM220608-6LCS...	9489296.74		5004945.45	102.4	415674.77	101.2	2170439.45	103.9	163257.19	100.9
159	2205515-101 10X	9484391.74		4986641.90	102.1	416480.93	101.4	2119984.13	101.5	159692.98	98.7
160	2205515-102 10X	9274646.53		4940247.94	101.1	419879.13	102.2	2084192.00	99.7	158575.11	98.0
161	2205515-103 10X	9108488.20		4877216.49	99.8	415076.65	101.1	2062649.97	98.7	158116.25	97.7
162	2205515-104 10X	9232198.40		4901243.47	100.3	414505.51	100.9	2078522.78	99.5	157326.63	97.2
163	2205515-105 10X	9201029.24		4918685.55	100.7	418099.37	101.8	2108282.52	100.9	162726.07	100.6
164	2205515-106 10X	9193262.36		4948370.34	101.3	415016.11	101.1	2077398.25	99.4	161936.66	100.1
165	2205515-107 10X	9159702.36		4890384.10	100.1	420445.46	102.4	2082415.02	99.7	159645.57	98.7
166	2205515-107L ...	9359293.61		5017547.74	102.7	420377.34	102.4	2140742.31	102.5	163651.72	101.2
167	CCV	9632994.02		5050133.78	103.3	414144.15	100.8	2205478.25	105.6	163412.24	101.0
168	CCB	9798956.31		5182949.40	106.1	419769.68	102.2	2246047.68	107.5	165108.38	102.1
169	2205515-107MS...	9571517.57		5100084.20	104.4	423527.29	103.1	2125950.91	101.7	160817.44	99.4
170	2205515-107MS...	9431090.69		5016121.69	102.7	421285.37	102.6	2111217.68	101.0	161545.33	99.8
171	2205515-107A ...	9436771.11		5007989.71	102.5	421776.43	102.7	2106258.56	100.8	162076.87	100.2
172	2205515-108 10X	9403558.40		4998982.01	102.3	423218.43	103.0	2131468.20	102.0	160724.00	99.3
173	CCV	9597536.32		5018897.95	102.7	411986.22	100.3	2180619.29	104.4	161707.83	99.9
174	CCB	9695068.40		5132353.47	105.0	422139.94	102.8	2200523.72	105.3	164232.49	101.5
175	IP220609-2MB ...	9444067.15		4995319.92	102.2	408993.91	99.6	2155068.41	103.1	160470.10	99.2
176	IM220609-2LCS...	9537488.82		5079937.22	104.0	411992.82	100.3	2197325.28	105.2	163253.20	100.9
177	IM220609-2LCS...	9655816.31		5108944.09	104.6	414942.39	101.0	2195305.91	105.1	163398.67	101.0
178	2205515-109 10X	9669434.86		5121340.34	104.8	419513.52	102.1	2251245.02	107.7	163787.74	101.2
179	2205515-110 10X	9489862.78		5003878.57	102.4	411971.16	100.3	2181108.35	104.4	162095.24	100.2
180	2205515-111 10X	9725719.02		5179049.09	106.0	413421.61	100.7	2204449.08	105.5	162947.91	100.7
181	CCV	9663861.11		5013321.59	102.6	407592.76	99.2	2207429.97	105.6	161776.46	100.0
182	CCB	9389144.03		5011521.80	102.6	413995.01	100.8	2148625.59	102.8	164841.89	101.9
183	2205638-246 10X	9456193.19		5009286.49	102.5	409939.07	99.8	2182617.16	104.5	161863.44	100.0
184	2205638-251 10X	9514617.36		5064832.11	103.7	412577.61	100.5	2170774.34	103.9	163028.32	100.8
185	2205638-252 10X	9514493.40		5038430.45	103.1	410131.04	99.9	2164064.81	103.6	161135.68	99.6
186	2205638-253 10X	9484399.86		5019040.86	102.7	407976.19	99.3	2176039.24	104.1	161358.88	99.7

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
187	2205638-254 10X	9338362.57		4969214.30	101.7	401359.23	97.7	2148749.76	102.8	158941.08	98.2
188	CCV	9516066.73		5042106.38	103.2	409977.82	99.8	2164106.22	103.6	160182.89	99.0
189	CCB	9029520.49		4839979.09	99.0	396821.96	96.6	2082730.70	99.7	156188.69	96.5
190	IP220610-1MB ...	9362388.82		4972446.18	101.8	406833.30	99.1	2160665.49	103.4	159883.80	98.8
191	IM220610-1LCS...	9285268.82		4905393.78	100.4	405345.38	98.7	2121218.14	101.5	160622.34	99.3
192	IM220610-1LCS...	9236642.57		4923868.78	100.8	405013.08	98.6	2116461.69	101.3	157804.47	97.5
193	2205638-1 10X	9646013.61		5188689.20	106.2	442063.52	107.6	2179774.08	104.3	169500.37	104.8
194	2205638-2 10X	9429756.32		5073093.26	103.8	437983.98	106.6	2163437.68	103.5	168017.97	103.9
195	2205638-3 10X	9324575.69		5029346.28	102.9	434176.65	105.7	2169699.92	103.8	164681.09	101.8
196	2205638-4 10X	9483842.77		5078334.51	103.9	441255.41	107.4	2139332.78	102.4	168201.55	104.0
197	2205638-5 10X	9361685.49		5076971.38	103.9	438874.94	106.9	2167298.30	103.7	166935.29	103.2
198	2205638-7 10X	9117484.65		4984283.05	102.0	431388.59	105.0	2116621.74	101.3	163489.44	101.1
199	2205638-8 10X	9229882.78		5006563.36	102.5	436405.87	106.3	2129918.25	101.9	165596.71	102.4
200	CCV	9295181.94		4894701.17	100.2	399667.65	97.3	2114140.85	101.2	156593.02	96.8
201	CCB	9086356.32		4905384.51	100.4	404712.40	98.5	2123702.73	101.6	158937.58	98.2
202	2205638-9 10X	9585549.23		5162281.59	105.6	437213.22	106.5	2185896.69	104.6	166513.67	102.9
203	2205638-10 10X	9290706.74		4926932.95	100.8	417292.08	101.6	2118399.24	101.4	160417.09	99.2
204	2205638-11 10X	9099522.16		4852447.12	99.3	416941.80	101.5	2094586.32	100.2	158749.49	98.1
205	2205638-12 10X	8985952.37		4947939.20	101.3	428451.71	104.3	2133161.85	102.1	164347.49	101.6
206	2205638-13 10X	9143838.20		4956081.91	101.4	427639.17	104.1	2131952.89	102.0	162747.49	100.6
207	2205638-14 10X	8944782.37		4919475.14	100.7	426992.51	104.0	2098928.93	100.5	162415.85	100.4
208	2205638-15 10X	9135604.65		4988608.99	102.1	428239.39	104.3	2104337.16	100.7	162024.00	100.1
209	2205638-16 10X	9114685.49		4996784.30	102.3	426138.20	103.8	2143546.48	102.6	163742.67	101.2
210	2205638-17 10X	9073486.11		4924294.82	100.8	422592.05	102.9	2114338.62	101.2	162637.07	100.5
211	CCV	8938071.53		4812103.16	98.5	395389.99	96.3	2070032.94	99.1	155057.97	95.8
212	CCB	8658868.83		4729528.78	96.8	393453.93	95.8	2042016.22	97.7	153806.50	95.1
213	2205638-18 10X	9139849.03		4998507.43	102.3	427855.16	104.2	2111452.83	101.1	163536.76	101.1
214	2205638-19 10X	9048434.03		4907168.68	100.4	428225.03	104.3	2123457.78	101.6	163883.97	101.3
215	2205638-20 10X	8928911.12		4915162.74	100.6	424534.41	103.4	2087043.15	99.9	162895.14	100.7
216	2205638-21 10X	8828224.04		4901712.32	100.3	427267.95	104.0	2077084.19	99.4	164091.93	101.4
217	CCV	8867037.99		4743896.91	97.1	397514.90	96.8	2047422.99	98.0	155683.93	96.2

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
218	CCB	8619091.96		4715950.03	96.5	390048.63	95.0	2035733.25	97.4	152564.76	94.3
219	IP220610-2MB ...	8923786.53		4845233.68	99.2	396759.36	96.6	2083600.23	99.7	156703.66	96.9
220	IM220610-2LCS...	9102909.86		4851567.12	99.3	401694.77	97.8	2104294.08	100.7	156387.91	96.7
221	2205638-22 10X	9174063.20		4965481.70	101.6	432181.75	105.2	2119471.58	101.4	163754.69	101.2
222	2205638-23 10X	8918742.16		4928018.99	100.9	422198.13	102.8	2091341.79	100.1	160337.43	99.1
223	2205638-24 10X	8721055.08		4781465.14	97.9	414727.56	101.0	2047953.67	98.0	159726.52	98.7
224	2205638-25 10X	8800192.58		4871132.84	99.7	418406.22	101.9	2078709.81	99.5	161119.73	99.6
225	2205638-26 10X	8765906.95		4841964.72	99.1	417507.17	101.7	2055039.82	98.4	159672.85	98.7
226	2205638-27 10X	8821068.20		4808516.91	98.4	420294.41	102.3	2079917.10	99.5	158453.37	97.9
227	2205638-28 10X	8993068.41		4873789.41	99.7	425645.32	103.6	2074933.36	99.3	162112.02	100.2
228	2205638-29 10X	9043434.66		4960326.80	101.5	424254.21	103.3	2102869.71	100.6	161271.19	99.7
229	CCV	8742038.83		4793832.95	98.1	394679.42	96.1	2030595.23	97.2	154079.02	95.2
230	CCB	8735061.12		4790755.87	98.0	391525.45	95.3	2070030.65	99.1	153272.75	94.7
231	2205638-30 10X	8942938.41		4868419.41	99.6	424760.72	103.4	2103215.28	100.7	161614.45	99.9
232	2205638-31 10X	8437654.04		4707315.03	96.3	410225.03	99.9	1996884.14	95.6	154912.95	95.7
233	2205638-32 10X	8803604.24		4893843.99	100.2	433046.52	105.4	2076570.28	99.4	164350.55	101.6
234	2205638-33 10X	9190798.20		5109095.86	104.6	440949.04	107.4	2139599.19	102.4	167364.84	103.4
235	2205638-34 10X	9227809.24		5048644.82	103.3	435555.07	106.1	2172895.75	104.0	168189.52	104.0
236	2205638-35 10X	9309999.24		5060290.45	103.6	437265.91	106.5	2165701.12	103.6	166398.23	102.8
237	2205638-36 10X	9476560.48		5144606.59	105.3	444730.29	108.3	2180657.47	104.4	169829.67	105.0
238	2205638-37 10X	9155747.36		5052363.78	103.4	438642.70	106.8	2151711.43	103.0	167152.63	103.3
239	2205638-38 10X	9209424.65		5089026.91	104.1	439578.81	107.0	2167849.29	103.7	169192.94	104.6
240	2205638-39 10X	9380158.20		5155960.03	105.5	447791.65	109.0	2196733.46	105.1	171210.15	105.8
241	CCV	9690001.52		5222509.51	106.9	421866.45	102.7	2259485.90	108.1	165616.83	102.4
242	CCB	9423854.65		5150263.78	105.4	422793.23	102.9	2238020.23	107.1	167531.43	103.5
243	2205638-40 10X	9625901.94		5231487.84	107.1	442038.27	107.6	2228277.31	106.6	170737.58	105.5
244	2205638-40L 50X	9328629.44		5075352.42	103.9	424087.62	103.3	2168427.62	103.8	166125.19	102.7
245	2205638-40MS ...	9325873.19		5128840.13	105.0	440476.28	107.3	2148182.99	102.8	168326.91	104.0
246	2205638-40MSD...	9104292.36		5100227.01	104.4	437212.31	106.5	2157108.41	103.2	167493.98	103.5
247	2205638-40A 10X	8950824.87		4984354.51	102.0	432372.29	105.3	2136690.75	102.3	164969.63	102.0
248	CCV	8959554.24		4905647.85	100.4	416154.86	101.3	2123736.27	101.6	163593.04	101.1

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
249	CCB	9180685.07		5037775.13	103.1	420539.04	102.4	2170375.91	103.9	163893.03	101.3
250	RINSE	8875476.74		4839179.20	99.0	403482.64	98.2	2108360.49	100.9	161874.07	100.1
251	RINSE	8930217.16		4965521.07	101.6	407619.45	99.3	2136433.04	102.2	162442.35	100.4
252	RINSE	9101799.86		4991466.80	102.1	410965.75	100.1	2180622.05	104.4	164917.32	101.9

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
1	RINSE	14532237.70	100.0	4270781.71	100.0	14709851.54	100.0	2505792.24	100.0	3599863.49	100.0
2	RINSE	14382962.70	100.0	4295644.94	100.0	14567192.58	100.0	2493205.60	100.0	3527860.16	100.0
3	RINSE	13661502.71	100.0	4250928.06	100.0	13761343.64	100.0	2525017.48	100.0	3385352.24	100.0
4	BLANK	14569968.53	100.0	4390094.21	100.0	14614089.19	100.0	2608834.85	100.0	3655588.38	100.0
5	H/1000	14307846.46	98.2	4357273.48	99.3	14555425.22	99.6	2586096.38	99.1	3640725.47	99.6
6	H/100	14582132.28	100.1	4391423.79	100.0	14842858.23	101.6	2615363.04	100.3	3625758.70	99.2
7	H/10	14042791.46	96.4	4203391.81	95.7	14236269.36	97.4	2530758.20	97.0	3561458.49	97.4
8	HIGH	12760735.65	87.6	3745188.07	85.3	13285000.33	90.9	2317118.41	88.8	3260663.18	89.2
9	RINSE	14170191.45	97.3	4234983.27	96.5	14388572.25	98.5	2497233.17	95.7	3508274.11	96.0
10	ICV	13581429.38	93.2	4081947.23	93.0	13971155.13	95.6	2455915.42	94.1	3512789.22	96.1
11	ICB	13344496.89	91.6	4099292.13	93.4	13427994.97	91.9	2421922.43	92.8	3361294.01	91.9
12	LIV	13880115.63	95.3	4187363.06	95.4	13965688.42	95.6	2530909.09	97.0	3520546.82	96.3
13	ICSA	12941949.39	88.8	3917559.11	89.2	13501295.66	92.4	2368634.24	90.8	3354951.83	91.8
14	ICSAB	13117062.30	90.0	3917443.90	89.2	13671340.49	93.5	2411384.63	92.4	3303840.68	90.4
15	CCV	14614708.53	100.3	4328236.91	98.6	14793522.06	101.2	2632384.27	100.9	3635825.88	99.5
16	CCB	14412631.87	98.9	4377461.08	99.7	14528401.39	99.4	2574223.83	98.7	3586410.26	98.1
17	IP220609-4MB ...	14208351.46	97.5	4316191.60	98.3	14310049.85	97.9	2530091.17	97.0	3547802.86	97.1
18	IM220609-4LCS...	14456960.20	99.2	4340880.56	98.9	14539937.94	99.5	2563824.45	98.3	3590783.70	98.2
19	2206139-1 10X	13574466.88	93.2	4096224.21	93.3	13898549.79	95.1	2443776.09	93.7	3398321.82	93.0
20	2206139-1L 50X	14108509.38	96.8	4295485.87	97.8	14265864.11	97.6	2527249.19	96.9	3471981.51	95.0
21	2206139-1MS 10X	13667824.79	93.8	4119942.75	93.8	14014624.64	95.9	2458089.80	94.2	3445427.14	94.3
22	2206139-1MSD ...	13639245.63	93.6	4091499.42	93.2	13921075.89	95.3	2457476.69	94.2	3460104.22	94.7
23	2206139-1A 10X	13931180.63	95.6	4152275.57	94.6	14156539.20	96.9	2491254.55	95.5	3481807.55	95.2
24	CCV	14433335.62	99.1	4262032.54	97.1	14584557.83	99.8	2557688.67	98.0	3551704.11	97.2
25	CCB	14379241.45	98.7	4305570.25	98.1	14355187.51	98.2	2537601.41	97.3	3540999.95	96.9
26	IP220607-2MB ...	13517361.47	92.8	4147983.69	94.5	13480031.98	92.2	2456129.66	94.1	3348192.76	91.6
27	IM220607-2LCS...	14506332.70	99.6	4360589.73	99.3	14676690.51	100.4	2596342.35	99.5	3635458.38	99.4
28	2205515-21 10X	14302056.87	98.2	4308418.27	98.1	14452612.92	98.9	2563368.44	98.3	3553865.88	97.2
29	2205515-22 10X	14523425.20	99.7	4380702.95	99.8	14699832.78	100.6	2602629.74	99.8	3586805.57	98.1
30	2205515-23 10X	14775583.94	101.4	4361426.91	99.3	14981444.19	102.5	2595131.20	99.5	3661075.15	100.2
31	2205515-24 10X	14678773.95	100.7	4363966.08	99.4	14780209.18	101.1	2596777.13	99.5	3609299.32	98.7

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
32	2205515-25 10X	14381393.12	98.7	4297621.60	97.9	14637334.38	100.2	2560743.36	98.2	3527317.55	96.5
33	2205515-26 10X	14480843.12	99.4	4336568.37	98.8	14697253.36	100.6	2583378.33	99.0	3612701.30	98.8
34	2205515-27 10X	14442967.28	99.1	4307327.75	98.1	14597949.37	99.9	2569822.46	98.5	3590025.99	98.2
35	2205515-28 10X	14606042.70	100.2	4359963.06	99.3	14820644.31	101.4	2590319.89	99.3	3641466.30	99.6
36	CCV	14114129.37	96.9	4191993.07	95.5	14239083.71	97.4	2506571.04	96.1	3534992.87	96.7
37	CCB	14339625.20	98.4	4229570.35	96.3	14399857.49	98.5	2525745.87	96.8	3512339.22	96.1
38	2205515-29 10X	14558763.53	99.9	4344012.23	99.0	14721521.94	100.7	2577529.44	98.8	3604954.74	98.6
39	2205515-30 10X	14530937.28	99.7	4299504.93	97.9	14625469.07	100.1	2564073.30	98.3	3617672.03	99.0
40	2205515-31 10X	14548616.87	99.9	4246879.21	96.7	14704953.26	100.6	2524197.86	96.8	3595649.95	98.4
41	2205515-32 10X	14234224.79	97.7	4274695.56	97.4	14335816.63	98.1	2520565.11	96.6	3509568.59	96.0
42	2205515-33 10X	14354718.12	98.5	4238368.89	96.5	14271004.63	97.7	2528145.83	96.9	3550727.86	97.1
43	2205515-34 10X	14053256.88	96.5	4168006.81	94.9	14267481.30	97.6	2499129.77	95.8	3522373.90	96.4
44	2205515-34L 50X	14223313.96	97.6	4290296.29	97.7	14298483.32	97.8	2546365.95	97.6	3546046.82	97.0
45	2205515-34MS ...	14136086.87	97.0	4207161.40	95.8	14314846.37	98.0	2524133.60	96.8	3499374.95	95.7
46	2205515-34MSD...	13950194.38	95.7	4152350.67	94.6	14123479.98	96.6	2486625.56	95.3	3487485.68	95.4
47	2205515-34A 10X	13717977.30	94.2	4082401.19	93.0	13896585.13	95.1	2460526.05	94.3	3439172.76	94.1
48	CCV	13648381.46	93.7	4150139.73	94.5	13878771.21	95.0	2481310.68	95.1	3459149.01	94.6
49	CCB	13367746.89	91.7	4070016.50	92.7	13351763.23	91.4	2404995.32	92.2	3345345.47	91.5
50	2205515-35 10X	13808562.29	94.8	4132695.67	94.1	13966134.33	95.6	2455932.30	94.1	3438487.45	94.1
51	2205515-36 10X	13912167.71	95.5	4225865.04	96.3	14102004.66	96.5	2501949.53	95.9	3486893.59	95.4
52	2205515-37 10X	13659580.21	93.8	4171034.83	95.0	13928961.27	95.3	2504209.60	96.0	3421918.91	93.6
53	2205515-38 10X	14101926.46	96.8	4208117.96	95.9	14293726.19	97.8	2524234.79	96.8	3538701.09	96.8
54	2205515-39 10X	14355295.20	98.5	4292379.00	97.8	14402269.66	98.6	2562798.02	98.2	3559456.20	97.4
55	2205515-40 10X	14243783.54	97.8	4246650.25	96.7	14354187.58	98.2	2563716.56	98.3	3542941.93	96.9
56	CCV	14190300.21	97.4	4079761.81	92.9	14265134.56	97.6	2471261.78	94.7	3505728.49	95.9
57	CCB	13832237.29	94.9	4203630.46	95.8	13826002.03	94.6	2515768.19	96.4	3442207.24	94.2
58	IP220607-4MB ...	14328808.95	98.3	4282518.69	97.5	14308157.24	97.9	2533946.69	97.1	3562325.57	97.4
59	IM220607-4LCS...	14204116.04	97.5	4182890.56	95.3	14260194.16	97.6	2509938.80	96.2	3487134.85	95.4
60	2205515-41 10X	14023525.21	96.2	4179863.38	95.2	14102248.18	96.5	2497965.08	95.8	3488111.09	95.4
61	2205515-42 10X	14073072.29	96.6	4171537.44	95.0	14135260.51	96.7	2483535.52	95.2	3526264.11	96.5
62	2205515-43 10X	14001875.21	96.1	4203412.65	95.7	14202049.50	97.2	2532024.56	97.1	3500230.67	95.8

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
63	2205515-44 10X	14316234.79	98.3	4242502.85	96.6	14421390.08	98.7	2553311.16	97.9	3568267.24	97.6
64	2205515-45 10X	13780382.71	94.6	4097379.42	93.3	13980901.42	95.7	2439512.31	93.5	3461705.58	94.7
65	2205515-45L 50X	13771225.63	94.5	4150219.00	94.5	13789707.82	94.4	2488929.58	95.4	3462479.43	94.7
66	2205515-45MS ...	13533481.05	92.9	4043464.73	92.1	13596166.42	93.0	2421219.66	92.8	3361277.56	91.9
67	2205515-45MSD...	13197699.80	90.6	3960329.32	90.2	13428917.67	91.9	2407635.38	92.3	3357875.99	91.9
68	CCV	13614290.63	93.4	4026972.13	91.7	13818442.62	94.6	2447777.93	93.8	3422154.43	93.6
69	CCB	13108422.30	90.0	3971797.03	90.5	13295245.63	91.0	2356958.57	90.3	3321391.62	90.9
70	2205515-45A 10X	13180881.47	90.5	3974664.94	90.5	13395284.66	91.7	2384995.47	91.4	3359412.34	91.9
71	2205515-46 10X	13913506.46	95.5	4145608.27	94.4	14105776.61	96.5	2484220.21	95.2	3456701.72	94.6
72	2205515-47 10X	13977864.38	95.9	4153604.94	94.6	14057584.96	96.2	2490440.66	95.5	3474729.74	95.1
73	2205515-48 10X	13988208.96	96.0	4174704.31	95.1	14120685.26	96.6	2498231.04	95.8	3477100.99	95.1
74	2205515-49 10X	13952221.46	95.8	4197885.36	95.6	14150369.17	96.8	2545349.84	97.6	3496050.26	95.6
75	2205515-50 10X	14307883.12	98.2	4240371.71	96.6	14471260.93	99.0	2542032.22	97.4	3551347.03	97.1
76	2205515-51 10X	14105674.37	96.8	4280959.73	97.5	14225429.45	97.3	2555998.88	98.0	3518286.30	96.2
77	2205515-52 10X	14138675.62	97.0	4258218.06	97.0	14237055.13	97.4	2546892.84	97.6	3575377.86	97.8
78	2205515-53 10X	14320329.78	98.3	4240819.11	96.6	14435354.74	98.8	2533346.30	97.1	3541620.16	96.9
79	2205515-54 10X	14136515.21	97.0	4303518.79	98.0	14283391.29	97.7	2544032.26	97.5	3538185.68	96.8
80	CCV	14350328.95	98.5	4247930.25	96.8	14517862.30	99.3	2549988.14	97.7	3564410.47	97.5
81	CCB	14639446.45	100.5	4318840.87	98.4	14670089.73	100.4	2593752.55	99.4	3582054.11	98.0
82	2205515-55 10X	14005576.88	96.1	4175122.33	95.1	14156895.11	96.9	2508088.04	96.1	3486059.11	95.4
83	2205515-56 10X	14345987.29	98.5	4284978.79	97.6	14400011.89	98.5	2556305.12	98.0	3501931.19	95.8
84	2205515-57 10X	14162541.87	97.2	4179425.04	95.2	14318099.48	98.0	2497020.37	95.7	3480995.68	95.2
85	2205515-58 10X	14129338.12	97.0	4237049.83	96.5	14240047.30	97.4	2529065.43	96.9	3547150.68	97.0
86	2205515-59 10X	13987346.46	96.0	4204881.19	95.8	14035448.15	96.0	2498923.23	95.8	3442343.91	94.2
87	2205515-60 10X	14425408.12	99.0	4264323.48	97.1	14473829.12	99.0	2547698.14	97.7	3581517.13	98.0
88	2205515-60L 50X	14745004.78	101.2	4279047.85	97.5	14750732.26	100.9	2529524.99	97.0	3594003.91	98.3
89	2205515-60MS ...	14068969.37	96.6	4089656.40	93.2	14247168.71	97.5	2474585.23	94.9	3524200.57	96.4
90	2205515-60MSD...	13888736.04	95.3	4120713.59	93.9	14071664.07	96.3	2479837.84	95.1	3501646.72	95.8
91	2205515-60A 10X	13840383.13	95.0	4063289.94	92.6	14064634.86	96.2	2446682.71	93.8	3474647.45	95.1
92	ZZZ										
93	ZZZ										

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
94	CCV	13191373.97	90.5	3985272.65	90.8	13410493.32	91.8	2413307.46	92.5	3328271.62	91.0
95	CCB	13663549.79	93.8	4203964.62	95.8	13711010.94	93.8	2436885.77	93.4	3440945.89	94.1
96	IP220608-1MB ...	13784321.46	94.6	4201649.21	95.7	13885137.91	95.0	2481232.71	95.1	3476189.74	95.1
97	IM220608-1LCS...	13553564.80	93.0	4108509.42	93.6	13639214.39	93.3	2463032.61	94.4	3426822.97	93.7
98	IM220608-1LCS...	13725078.13	94.2	4095158.59	93.3	13783782.39	94.3	2455011.54	94.1	3401256.93	93.0
99	2205515-61 10X	13827819.79	94.9	4145931.81	94.4	13944887.25	95.4	2507751.68	96.1	3435212.14	94.0
100	2205515-62 10X	13641407.30	93.6	4107483.79	93.6	13812697.94	94.5	2456717.07	94.2	3419405.89	93.5
101	2205515-63 10X	13199657.72	90.6	3990874.00	90.9	13462508.27	92.1	2411376.21	92.4	3365507.24	92.1
102	2205515-64 10X	13596783.13	93.3	4110630.88	93.6	13697518.11	93.7	2415141.84	92.6	3413223.08	93.4
103	2205515-65 10X	13602353.13	93.4	4147764.21	94.5	13805430.70	94.5	2453291.26	94.0	3425413.49	93.7
104	2205515-66 10X	13831105.63	94.9	4116352.13	93.8	14055345.88	96.2	2486905.02	95.3	3462352.45	94.7
105	2205515-67 10X	13633645.63	93.6	4136963.38	94.2	13766792.43	94.2	2457536.22	94.2	3460899.01	94.7
106	CCV	13305518.97	91.3	4042837.44	92.1	13593398.12	93.0	2438407.37	93.5	3371570.16	92.2
107	CCB	13166293.55	90.4	4106791.29	93.5	13363279.96	91.4	2428163.35	93.1	3297256.93	90.2
108	2205515-68 10X	13739261.04	94.3	4139074.52	94.3	13893098.60	95.1	2466102.92	94.5	3442848.70	94.2
109	2205515-69 10X	13609992.71	93.4	4053827.54	92.3	13746607.85	94.1	2445347.14	93.7	3398480.99	93.0
110	2205515-70 10X	13666064.79	93.8	4080902.13	93.0	13866379.77	94.9	2475019.02	94.9	3439216.62	94.1
111	2205515-71 10X	13654645.21	93.7	4173464.31	95.1	13950744.72	95.5	2491121.10	95.5	3463109.22	94.7
112	2205515-72 10X	13906791.88	95.4	4120246.61	93.9	14053579.63	96.2	2473070.81	94.8	3482789.74	95.3
113	2205515-73 10X	13196570.64	90.6	3998553.79	91.1	13439210.56	92.0	2410836.86	92.4	3337236.41	91.3
114	2205515-74 10X	13561302.30	93.1	4092818.06	93.2	13686952.11	93.7	2450864.79	93.9	3423290.37	93.6
115	2205515-75 10X	13028591.47	89.4	3972071.30	90.5	13210760.20	90.4	2380351.08	91.2	3304943.70	90.4
116	2205515-76 10X	12857404.81	88.2	3905976.92	89.0	13147733.10	90.0	2372995.69	91.0	3319586.72	90.8
117	2205515-77 10X	12861967.31	88.3	3928813.38	89.5	13088097.82	89.6	2358335.23	90.4	3301992.35	90.3
118	CCV	13465169.80	92.4	4056904.63	92.4	13694967.44	93.7	2456474.99	94.2	3384780.89	92.6
119	CCB	13621750.63	93.5	4149905.36	94.5	13774086.35	94.3	2461067.62	94.3	3437302.03	94.0
120	2205515-78 10X	12918093.56	88.7	3925401.92	89.4	13250214.65	90.7	2354592.33	90.3	3303182.45	90.4
121	2205515-79 10X	13093368.14	89.9	3996541.61	91.0	13391851.63	91.6	2421090.84	92.8	3332029.53	91.1
122	2205515-80 10X	13121593.97	90.1	3995998.69	91.0	13518864.30	92.5	2416834.92	92.6	3366922.87	92.1
123	CCV	13445653.55	92.3	4047797.13	92.2	13725338.13	93.9	2450702.22	93.9	3422401.51	93.6
124	CCB	13834086.04	94.9	4213192.23	96.0	13875507.87	94.9	2508972.98	96.2	3431870.58	93.9

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
125	IP220608-2MB ...	13500007.71	92.7	4093425.98	93.2	13703833.61	93.8	2428375.80	93.1	3424365.47	93.7
126	IM220608-2LCS...	13436765.22	92.2	4059569.00	92.5	13639214.14	93.3	2440857.68	93.6	3389279.74	92.7
127	2205515-81 10X	13283132.30	91.2	4025597.44	91.7	13540568.53	92.7	2431986.42	93.2	3358572.45	91.9
128	2205515-82 10X	13285458.14	91.2	3974740.46	90.5	13527001.09	92.6	2424093.19	92.9	3353535.78	91.7
129	2205515-83 10X	12998287.72	89.2	3956673.90	90.1	13365954.73	91.5	2367389.36	90.7	3325934.12	91.0
130	2205515-84 10X	12771221.89	87.7	3905284.21	89.0	13182947.12	90.2	2349278.26	90.1	3268591.10	89.4
131	2205515-85 10X	13012428.14	89.3	3982030.99	90.7	13348350.95	91.3	2427947.74	93.1	3316782.76	90.7
132	2205515-86 10X	13353060.22	91.6	4026100.67	91.7	13665703.08	93.5	2434614.15	93.3	3443946.51	94.2
133	2205515-87 10X	13213953.97	90.7	3962350.99	90.3	13569126.60	92.8	2390738.31	91.6	3359450.58	91.9
134	2205515-88 10X	13165016.05	90.4	3985093.48	90.8	13404598.69	91.7	2397252.80	91.9	3325550.37	91.0
135	CCV	14005304.79	96.1	4198212.75	95.6	14184862.18	97.1	2530889.53	97.0	3488632.34	95.4
136	CCB	14317792.28	98.3	4275712.02	97.4	14458476.65	98.9	2574675.55	98.7	3555818.59	97.3
137	2205515-89 10X	13189071.47	90.5	3971563.69	90.5	13587777.65	93.0	2397916.57	91.9	3350096.51	91.6
138	2205515-90 10X	13323149.39	91.4	4060848.59	92.5	13604365.99	93.1	2428932.85	93.1	3356005.58	91.8
139	2205515-91 10X	13594656.88	93.3	4128119.31	94.0	13972890.25	95.6	2456901.74	94.2	3429067.55	93.8
140	2205515-91L 50X	13897036.46	95.4	4187312.33	95.4	14035382.45	96.0	2527684.64	96.9	3453075.57	94.5
141	2205515-91MS ...	13506272.30	92.7	4042603.59	92.1	13783035.40	94.3	2437475.01	93.4	3400543.18	93.0
142	2205515-91MSD...	13520511.47	92.8	4061107.96	92.5	13673207.62	93.6	2474119.46	94.8	3363230.78	92.0
143	2205515-91A 10X	13575634.80	93.2	4083003.58	93.0	13943906.42	95.4	2454886.04	94.1	3401674.12	93.1
144	2205515-92 10X	13797372.29	94.7	4122247.54	93.9	14188653.57	97.1	2455060.38	94.1	3411170.89	93.3
145	2205515-93 10X	13492941.05	92.6	4040710.98	92.0	13753625.99	94.1	2431896.96	93.2	3405799.22	93.2
146	2205515-94 10X	13616582.29	93.5	4106517.65	93.5	14025145.65	96.0	2463898.26	94.4	3425182.45	93.7
147	CCV	14133593.54	97.0	4136769.21	94.2	14342981.43	98.1	2505572.71	96.0	3529670.47	96.6
148	CCB	14166877.71	97.2	4254165.04	96.9	14239279.20	97.4	2519751.79	96.6	3437592.76	94.0
149	2205515-95 10X	13819954.79	94.9	4060236.71	92.5	13970412.90	95.6	2471499.02	94.7	3415795.78	93.4
150	2205515-96 10X	13692983.96	94.0	4067482.23	92.7	13928688.06	95.3	2465696.26	94.5	3417029.43	93.5
151	2205515-97 10X	13429451.05	92.2	4005191.71	91.2	13761726.42	94.2	2410363.64	92.4	3377682.03	92.4
152	2205515-98 10X	13310626.47	91.4	4028839.52	91.8	13651857.08	93.4	2427867.54	93.1	3377198.91	92.4
153	2205515-99 10X	13778132.71	94.6	4090856.61	93.2	14110585.83	96.6	2490206.96	95.5	3447902.45	94.3
154	2205515-100 10X	13632217.71	93.6	4082520.57	93.0	13824918.13	94.6	2448938.90	93.9	3401476.10	93.0
155	CCV	14298824.37	98.1	4196798.37	95.6	14469122.70	99.0	2525430.15	96.8	3481933.60	95.2

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
156	CCB	14718350.62	101.0	4351592.12	99.1	14804462.08	101.3	2610246.31	100.1	3590668.18	98.2
157	IP220608-6MB ...	14936628.94	102.5	4393684.41	100.1	14924252.58	102.1	2618488.06	100.4	3629193.07	99.3
158	IM220608-6LCS...	14625125.20	100.4	4303503.17	98.0	14689908.58	100.5	2573959.39	98.7	3558869.43	97.4
159	2205515-101 10X	14176379.79	97.3	4126586.40	94.0	14401482.68	98.5	2462148.65	94.4	3438070.47	94.0
160	2205515-102 10X	13747163.54	94.4	4108125.77	93.6	13923620.82	95.3	2474333.41	94.8	3434108.91	93.9
161	2205515-103 10X	13666354.80	93.8	4015608.38	91.5	13948795.59	95.4	2440633.28	93.6	3414604.95	93.4
162	2205515-104 10X	13731765.21	94.2	4065838.90	92.6	14118996.51	96.6	2467867.01	94.6	3440720.26	94.1
163	2205515-105 10X	13973647.71	95.9	4065112.02	92.6	14192136.83	97.1	2470152.44	94.7	3450073.91	94.4
164	2205515-106 10X	13870253.96	95.2	4146554.00	94.5	14179555.72	97.0	2487283.38	95.3	3445849.74	94.3
165	2205515-107 10X	13721413.54	94.2	4092171.19	93.2	14028156.52	96.0	2481974.88	95.1	3439496.82	94.1
166	2205515-107L ...	14504795.62	99.6	4288355.15	97.7	14604011.93	99.9	2586952.97	99.2	3537631.09	96.8
167	CCV	14746806.45	101.2	4263223.17	97.1	14816536.20	101.4	2574485.22	98.7	3560706.72	97.4
168	CCB	15117698.11	103.8	4443441.60	101.2	15139798.45	103.6	2649339.85	101.6	3657503.18	100.1
169	2205515-107MS...	13983504.79	96.0	4097643.89	93.3	14361613.80	98.3	2487877.67	95.4	3431848.80	93.9
170	2205515-107MS...	13796716.04	94.7	4100716.08	93.4	14128226.57	96.7	2477677.55	95.0	3453431.51	94.5
171	2205515-107A ...	13845680.63	95.0	4047642.02	92.2	14125885.92	96.7	2467219.72	94.6	3391716.72	92.8
172	2205515-108 10X	13899692.71	95.4	4107145.04	93.6	14222273.35	97.3	2482553.03	95.2	3435453.39	94.0
173	CCV	14616186.03	100.3	4265712.54	97.2	14785091.17	101.2	2553087.30	97.9	3551029.01	97.1
174	CCB	14973022.70	102.8	4432640.35	101.0	15118518.01	103.5	2669033.86	102.3	3591694.42	98.3
175	IP220609-2MB ...	14635327.28	100.4	4270318.27	97.3	14720875.29	100.7	2534517.94	97.2	3522220.26	96.4
176	IM220609-2LCS...	14734156.45	101.1	4293952.23	97.8	14902398.22	102.0	2574017.88	98.7	3559395.57	97.4
177	IM220609-2LCS...	14844601.03	101.9	4269432.33	97.3	14927734.69	102.1	2558998.50	98.1	3594306.09	98.3
178	2205515-109 10X	15102756.86	103.7	4393087.43	100.1	15073431.26	103.1	2615725.89	100.3	3584737.24	98.1
179	2205515-110 10X	14767468.53	101.4	4364958.06	99.4	14902848.69	102.0	2608708.64	100.0	3537954.74	96.8
180	2205515-111 10X	15016093.53	103.1	4393914.51	100.1	15107589.69	103.4	2654265.99	101.7	3630493.49	99.3
181	CCV	14554583.53	99.9	4232009.62	96.4	14741368.78	100.9	2569948.53	98.5	3577325.15	97.9
182	CCB	14562946.87	100.0	4387241.50	99.9	14724281.29	100.8	2616385.01	100.3	3538245.88	96.8
183	2205638-246 10X	14779883.53	101.4	4299689.10	97.9	14898055.83	101.9	2611839.04	100.1	3567279.74	97.6
184	2205638-251 10X	14840937.28	101.9	4328067.96	98.6	14952335.42	102.3	2608499.90	100.0	3587096.61	98.1
185	2205638-252 10X	14696311.45	100.9	4353927.54	99.2	14797287.17	101.3	2587627.55	99.2	3591814.74	98.3
186	2205638-253 10X	14688954.78	100.8	4318342.65	98.4	14763380.50	101.0	2578085.06	98.8	3610588.49	98.8

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
187	2205638-254 10X	14552705.20	99.9	4261270.56	97.1	14613512.37	100.0	2515301.25	96.4	3580897.03	98.0
188	CCV	14497281.45	99.5	4254533.79	96.9	14776577.44	101.1	2584906.06	99.1	3538042.97	96.8
189	CCB	14214709.79	97.6	4176949.83	95.1	14201557.49	97.2	2496097.50	95.7	3433236.82	93.9
190	IP220610-1MB ...	14695085.20	100.9	4339994.52	98.9	14821491.64	101.4	2565920.58	98.4	3578521.72	97.9
191	IM220610-1LCS...	14303422.29	98.2	4207708.89	95.8	14495542.52	99.2	2538369.19	97.3	3536369.95	96.7
192	IM220610-1LCS...	14336959.79	98.4	4177393.38	95.2	14365230.56	98.3	2519265.90	96.6	3504691.41	95.9
193	2205638-1 10X	14386775.20	98.7	4170102.64	95.0	14617809.14	100.0	2526033.19	96.8	3549218.59	97.1
194	2205638-2 10X	14157046.87	97.2	4186077.75	95.4	14465346.81	99.0	2507360.48	96.1	3510825.36	96.0
195	2205638-3 10X	14103917.29	96.8	4152529.10	94.6	14480463.73	99.1	2519004.89	96.6	3482745.78	95.3
196	2205638-4 10X	14095616.46	96.7	4215263.48	96.0	14345233.10	98.2	2561604.51	98.2	3499182.76	95.7
197	2205638-5 10X	14106030.62	96.8	4140234.42	94.3	14391983.07	98.5	2479453.92	95.0	3530033.07	96.6
198	2205638-7 10X	13791801.46	94.7	4057791.29	92.4	14167166.61	96.9	2485682.48	95.3	3447341.93	94.3
199	2205638-8 10X	14097676.46	96.8	4167528.90	94.9	14309664.69	97.9	2505389.81	96.0	3483458.70	95.3
200	CCV	14310997.28	98.2	4160413.27	94.8	14599858.40	99.9	2507252.27	96.1	3534174.53	96.7
201	CCB	14383017.70	98.7	4270771.50	97.3	14475560.99	99.1	2564271.22	98.3	3499934.53	95.7
202	2205638-9 10X	14350828.12	98.5	4137222.12	94.2	14607136.90	100.0	2520536.04	96.6	3523684.95	96.4
203	2205638-10 10X	13831566.88	94.9	4038291.40	92.0	14183875.19	97.1	2445448.66	93.7	3447007.55	94.3
204	2205638-11 10X	13602327.71	93.4	4032091.19	91.8	14058515.55	96.2	2432713.47	93.2	3432611.09	93.9
205	2205638-12 10X	13820798.54	94.9	4097275.04	93.3	14114021.42	96.6	2501683.85	95.9	3453925.78	94.5
206	2205638-13 10X	13800835.21	94.7	4056661.08	92.4	14287669.15	97.8	2489023.06	95.4	3449278.91	94.4
207	2205638-14 10X	13832141.88	94.9	4115117.54	93.7	14124386.08	96.6	2528509.98	96.9	3477067.45	95.1
208	2205638-15 10X	13859439.79	95.1	4067153.27	92.6	14209022.35	97.2	2482739.29	95.2	3483694.85	95.3
209	2205638-16 10X	14025048.13	96.3	4132964.11	94.1	14441228.87	98.8	2468417.14	94.6	3502518.70	95.8
210	2205638-17 10X	13899982.29	95.4	4079358.38	92.9	14178875.14	97.0	2481136.65	95.1	3458633.49	94.6
211	CCV	14051198.12	96.4	4101792.23	93.4	14290142.91	97.8	2477956.18	95.0	3519833.07	96.3
212	CCB	13973843.13	95.9	4205841.60	95.8	14112269.22	96.6	2509935.72	96.2	3433368.70	93.9
213	2205638-18 10X	13891473.13	95.3	4096757.44	93.3	14197347.24	97.1	2463147.39	94.4	3462440.57	94.7
214	2205638-19 10X	13823914.79	94.9	4089989.83	93.2	14178028.31	97.0	2487989.32	95.4	3485779.22	95.4
215	2205638-20 10X	13744565.21	94.3	4066739.83	92.6	14078999.98	96.3	2473207.15	94.8	3475558.70	95.1
216	2205638-21 10X	13526668.13	92.8	4079313.59	92.9	13953973.30	95.5	2477136.51	95.0	3428188.81	93.8
217	CCV	14025028.12	96.3	4096478.38	93.3	14211219.92	97.2	2491260.51	95.5	3495435.36	95.6

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
218	CCB	13953616.04	95.8	4167564.00	94.9	14138975.48	96.7	2484028.93	95.2	3477281.51	95.1
219	IP220610-2MB ...	14299478.12	98.1	4248333.38	96.8	14384970.12	98.4	2523118.36	96.7	3536939.74	96.8
220	IM220610-2LCS...	14333540.20	98.4	4172219.62	95.0	14407119.89	98.6	2524857.71	96.8	3512849.01	96.1
221	2205638-22 10X	13762709.79	94.5	4088092.75	93.1	14122544.50	96.6	2455732.21	94.1	3442662.24	94.2
222	2205638-23 10X	13689342.71	94.0	4031309.52	91.8	14119462.08	96.6	2453372.09	94.0	3410150.47	93.3
223	2205638-24 10X	13544346.88	93.0	4046776.29	92.2	14017960.45	95.9	2450220.07	93.9	3401130.89	93.0
224	2205638-25 10X	13830722.71	94.9	4099396.71	93.4	14105455.61	96.5	2441166.69	93.6	3481352.34	95.2
225	2205638-26 10X	13718426.46	94.2	4052115.25	92.3	13997866.41	95.8	2463999.74	94.4	3459329.74	94.6
226	2205638-27 10X	13646117.71	93.7	4062149.21	92.5	13936753.77	95.4	2435460.65	93.4	3417473.70	93.5
227	2205638-28 10X	13727257.71	94.2	4125514.42	94.0	14032422.16	96.0	2490526.73	95.5	3453980.78	94.5
228	2205638-29 10X	13920132.71	95.5	4157982.33	94.7	14283252.22	97.7	2476390.02	94.9	3513266.61	96.1
229	CCV	13977190.63	95.9	4108619.00	93.6	14315955.52	98.0	2478271.52	95.0	3503264.64	95.8
230	CCB	14149602.71	97.1	4190519.63	95.5	14325645.26	98.0	2512315.63	96.3	3526746.93	96.5
231	2205638-30 10X	13661263.13	93.8	4080130.88	92.9	14162559.99	96.9	2454811.94	94.1	3424420.47	93.7
232	2205638-31 10X	13170339.80	90.4	3915711.82	89.2	13680603.45	93.6	2383230.77	91.4	3375185.05	92.3
233	2205638-32 10X	13736800.21	94.3	4192456.29	95.5	14161367.53	96.9	2512940.54	96.3	3455396.41	94.5
234	2205638-33 10X	14078869.38	96.6	4188761.71	95.4	14422439.31	98.7	2538908.56	97.3	3533017.03	96.6
235	2205638-34 10X	14379441.03	98.7	4186954.10	95.4	14741131.59	100.9	2584336.76	99.1	3582109.01	98.0
236	2205638-35 10X	14383291.03	98.7	4270263.27	97.3	14610030.09	100.0	2569713.53	98.5	3559894.84	97.4
237	2205638-36 10X	14410858.12	98.9	4176586.50	95.1	14824268.01	101.4	2562310.88	98.2	3548861.61	97.1
238	2205638-37 10X	14138386.87	97.0	4212773.79	96.0	14592340.72	99.9	2561828.52	98.2	3533286.30	96.7
239	2205638-38 10X	14465250.62	99.3	4293528.48	97.8	14792089.06	101.2	2591003.23	99.3	3593883.18	98.3
240	2205638-39 10X	14544163.95	99.8	4316216.40	98.3	14901908.95	102.0	2576162.99	98.7	3632210.46	99.4
241	CCV	15260858.11	104.7	4390223.89	100.0	15534006.35	106.3	2671804.44	102.4	3707983.38	101.4
242	CCB	15273988.94	104.8	4536511.81	103.3	15384051.45	105.3	2697470.71	103.4	3699550.26	101.2
243	2205638-40 10X	14685407.70	100.8	4314583.17	98.3	15048090.93	103.0	2601464.55	99.7	3610211.09	98.8
244	2205638-40L 50X	14830550.20	101.8	4391110.87	100.0	15144499.39	103.6	2613858.07	100.2	3641822.24	99.6
245	2205638-40MS ...	14378921.45	98.7	4230181.92	96.4	14844490.67	101.6	2549372.32	97.7	3598475.68	98.4
246	2205638-40MSD...	14190304.37	97.4	4206961.92	95.8	14685783.11	100.5	2559118.47	98.1	3580710.16	98.0
247	2205638-40A 10X	14114066.04	96.9	4181511.50	95.2	14657216.02	100.3	2532606.41	97.1	3571164.11	97.7
248	CCV	14522573.12	99.7	4344395.56	99.0	14941715.60	102.2	2620471.33	100.4	3682197.86	100.7

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
249	CCB	14985158.94	102.8	4482003.99	102.1	15259146.19	104.4	2639571.82	101.2	3740007.34	102.3
250	RINSE	14516835.62	99.6	4298682.44	97.9	14697400.43	100.6	2579847.50	98.9	3539589.63	96.8
251	RINSE	14629614.78	100.4	4327121.50	98.6	14881993.09	101.8	2588678.26	99.2	3556718.49	97.3
252	RINSE	14839921.45	101.9	4408912.85	100.4	14964284.15	102.4	2623532.74	100.6	3597443.49	98.4

ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
1	RINSE	689348.92	100.0	13070295.22	100.0	3801001.40	100.0
2	RINSE	669558.53	100.0	12866426.48	100.0	3721376.72	100.0
3	RINSE	680689.78	100.0	12204474.82	100.0	3721354.63	100.0
4	BLANK	702431.97	100.0	13070385.22	100.0	3882861.81	100.0
5	H/1000	699237.08	99.5	12893438.56	98.6	3829885.26	98.6
6	H/100	709014.10	100.9	12859513.14	98.4	3873880.15	99.8
7	H/10	691398.43	98.4	12498143.56	95.6	3728926.30	96.0
8	HIGH	629557.94	89.6	10974948.17	84.0	3240934.32	83.5
9	RINSE	668118.04	95.1	12823348.14	98.1	3764875.78	97.0
10	ICV	677624.13	96.5	12293651.48	94.1	3609256.41	93.0
11	ICB	665468.35	94.7	12046254.82	92.2	3656212.45	94.2
12	LIV	677352.62	96.4	12531146.48	95.9	3743856.30	96.4
13	ICSA	636160.83	90.6	11724972.74	89.7	3509902.45	90.4
14	ICSAB	630336.10	89.7	11490287.75	87.9	3402236.41	87.6
15	CCV	701590.51	99.9	12759989.39	97.6	3787957.65	97.6
16	CCB	690701.47	98.3	12850322.31	98.3	3828744.63	98.6
17	IP220609-4MB ...	671085.38	95.5	12768151.89	97.7	3787337.86	97.5
18	IM220609-4LCS...	693888.12	98.8	12785474.81	97.8	3774592.97	97.2
19	2206139-1 10X	661689.39	94.2	12153266.90	93.0	3611248.38	93.0
20	2206139-1L 50X	685705.72	97.6	12623766.06	96.6	3786197.34	97.5
21	2206139-1MS 10X	661936.27	94.2	12182871.49	93.2	3612676.51	93.0
22	2206139-1MSD ...	670710.15	95.5	12150723.57	93.0	3611176.82	93.0
23	2206139-1A 10X	676555.27	96.3	12385115.23	94.8	3661005.47	94.3
24	CCV	688671.21	98.0	12639289.81	96.7	3744575.57	96.4
25	CCB	673084.36	95.8	12559946.90	96.1	3739760.99	96.3
26	IP220607-2MB ...	649989.20	92.5	12043050.65	92.1	3689860.36	95.0
27	IM220607-2LCS...	694292.78	98.8	12771250.64	97.7	3819623.90	98.4
28	2205515-21 10X	690203.53	98.3	12887643.97	98.6	3846005.36	99.1
29	2205515-22 10X	698362.54	99.4	13039749.39	99.8	3888047.86	100.1
30	2205515-23 10X	703476.34	100.1	13076006.89	100.0	3862385.98	99.5
31	2205515-24 10X	698852.85	99.5	13130253.55	100.5	3905192.03	100.6

ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
32	2205515-25 10X	687259.73	97.8	12873736.06	98.5	3821289.53	98.4
33	2205515-26 10X	687512.23	97.9	12905444.39	98.7	3834084.63	98.7
34	2205515-27 10X	690145.90	98.3	12910615.64	98.8	3813664.32	98.2
35	2205515-28 10X	695355.88	99.0	13122322.72	100.4	3898279.73	100.4
36	CCV	676970.98	96.4	12412013.98	95.0	3718720.47	95.8
37	CCB	669438.06	95.3	12675582.73	97.0	3772740.26	97.2
38	2205515-29 10X	688186.92	98.0	12927179.81	98.9	3848844.42	99.1
39	2205515-30 10X	683443.24	97.3	12988923.97	99.4	3794106.71	97.7
40	2205515-31 10X	680180.69	96.8	13018851.06	99.6	3809535.36	98.1
41	2205515-32 10X	685934.28	97.7	12732194.81	97.4	3803519.63	98.0
42	2205515-33 10X	681735.07	97.1	12758489.81	97.6	3798976.51	97.8
43	2205515-34 10X	673183.40	95.8	12638638.56	96.7	3749124.84	96.6
44	2205515-34L 50X	680718.92	96.9	12751726.06	97.6	3852125.67	99.2
45	2205515-34MS ...	682624.23	97.2	12578208.98	96.2	3809573.59	98.1
46	2205515-34MSD...	676957.15	96.4	12495919.40	95.6	3795124.00	97.7
47	2205515-34A 10X	669200.93	95.3	12255438.99	93.8	3688864.22	95.0
48	CCV	672955.57	95.8	12158205.65	93.0	3714304.11	95.7
49	CCB	640256.04	91.1	11897715.24	91.0	3630092.34	93.5
50	2205515-35 10X	653144.14	93.0	12420167.73	95.0	3685599.63	94.9
51	2205515-36 10X	672222.75	95.7	12642124.81	96.7	3790835.57	97.6
52	2205515-37 10X	666796.35	94.9	12408904.81	94.9	3730940.46	96.1
53	2205515-38 10X	679478.19	96.7	12576139.40	96.2	3794056.71	97.7
54	2205515-39 10X	685404.03	97.6	12689621.48	97.1	3810249.94	98.1
55	2205515-40 10X	688759.08	98.1	12714210.23	97.3	3804803.80	98.0
56	CCV	661555.11	94.2	12480427.73	95.5	3682023.69	94.8
57	CCB	670935.93	95.5	12328688.15	94.3	3813237.44	98.2
58	IP220607-4MB ...	672902.85	95.8	12825253.56	98.1	3846442.23	99.1
59	IM220607-4LCS...	667588.92	95.0	12475963.15	95.5	3727459.11	96.0
60	2205515-41 10X	663747.98	94.5	12399326.48	94.9	3697547.76	95.2
61	2205515-42 10X	667155.88	95.0	12560035.65	96.1	3709529.21	95.5
62	2205515-43 10X	680426.40	96.9	12628925.23	96.6	3800891.30	97.9

ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
63	2205515-44 10X	685488.04	97.6	12905136.47	98.7	3840199.74	98.9
64	2205515-45 10X	668247.67	95.1	12518873.98	95.8	3739667.44	96.3
65	2205515-45L 50X	668123.51	95.1	12558569.40	96.1	3817122.44	98.3
66	2205515-45MS ...	655528.09	93.3	12160850.65	93.0	3670607.13	94.5
67	2205515-45MSD...	651000.38	92.7	12015496.49	91.9	3637734.32	93.7
68	CCV	656286.80	93.4	12239678.99	93.6	3661753.07	94.3
69	CCB	628881.09	89.5	12006013.16	91.9	3627468.49	93.4
70	2205515-45A 10X	640499.08	91.2	11897825.66	91.0	3604889.63	92.8
71	2205515-46 10X	669340.09	95.3	12506266.48	95.7	3775345.25	97.2
72	2205515-47 10X	670682.39	95.5	12569238.98	96.2	3730900.57	96.1
73	2205515-48 10X	675288.64	96.1	12596556.90	96.4	3784626.40	97.5
74	2205515-49 10X	678810.51	96.6	12498281.48	95.6	3779534.94	97.3
75	2205515-50 10X	673482.33	95.9	12720608.56	97.3	3779800.88	97.3
76	2205515-51 10X	679590.93	96.7	12708720.23	97.2	3837138.69	98.8
77	2205515-52 10X	686819.91	97.8	12772632.31	97.7	3862895.05	99.5
78	2205515-53 10X	685230.41	97.6	12755998.56	97.6	3887394.00	100.1
79	2205515-54 10X	678259.23	96.6	12711932.73	97.3	3846049.52	99.1
80	CCV	678366.16	96.6	12552068.98	96.0	3787603.90	97.5
81	CCB	673992.59	96.0	12962857.72	99.2	3847366.09	99.1
82	2205515-55 10X	659899.94	93.9	12398413.98	94.9	3747215.67	96.5
83	2205515-56 10X	683405.33	97.3	12746677.73	97.5	3816015.67	98.3
84	2205515-57 10X	665491.16	94.7	12598803.98	96.4	3754121.92	96.7
85	2205515-58 10X	672905.48	95.8	12639527.73	96.7	3768732.03	97.1
86	2205515-59 10X	676266.78	96.3	12543371.48	96.0	3776375.46	97.3
87	2205515-60 10X	673346.40	95.9	12886068.56	98.6	3796613.07	97.8
88	2205515-60L 50X	668448.61	95.2	13050546.89	99.8	3856065.98	99.3
89	2205515-60MS ...	659807.91	93.9	12656966.06	96.8	3724979.74	95.9
90	2205515-60MSD...	664491.24	94.6	12428007.73	95.1	3729899.84	96.1
91	2205515-60A 10X	661280.46	94.1	12404007.31	94.9	3712781.92	95.6
92	ZZZ						
93	ZZZ						

ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
94	CCV	643508.30	91.6	11893386.91	91.0	3660419.01	94.3
95	CCB	655113.86	93.3	12329486.90	94.3	3768954.32	97.1
96	IP220608-1MB ...	653551.32	93.0	12625743.56	96.6	3812052.55	98.2
97	IM220608-1LCS...	649767.27	92.5	12039089.82	92.1	3694276.09	95.1
98	IM220608-1LCS...	652052.06	92.8	12149412.32	93.0	3656301.72	94.2
99	2205515-61 10X	664399.68	94.6	12254588.57	93.8	3737304.21	96.3
100	2205515-62 10X	653007.40	93.0	12412580.23	95.0	3759728.59	96.8
101	2205515-63 10X	640567.95	91.2	12139660.65	92.9	3663922.13	94.4
102	2205515-64 10X	658982.12	93.8	12175914.82	93.2	3721028.38	95.8
103	2205515-65 10X	659569.90	93.9	12393951.48	94.8	3724803.07	95.9
104	2205515-66 10X	662051.53	94.3	12420632.73	95.0	3737951.51	96.3
105	2205515-67 10X	665137.52	94.7	12384085.65	94.7	3747990.68	96.5
106	CCV	652587.95	92.9	12069829.82	92.3	3681681.09	94.8
107	CCB	645881.78	91.9	11917605.24	91.2	3755578.28	96.7
108	2205515-68 10X	660014.03	94.0	12443100.65	95.2	3758881.72	96.8
109	2205515-69 10X	654777.83	93.2	12279268.98	93.9	3688244.22	95.0
110	2205515-70 10X	654254.06	93.1	12353923.98	94.5	3725615.99	96.0
111	2205515-71 10X	661890.86	94.2	12420090.23	95.0	3788555.47	97.6
112	2205515-72 10X	665422.65	94.7	12354752.73	94.5	3745965.15	96.5
113	2205515-73 10X	648894.70	92.4	12045646.49	92.2	3682250.88	94.8
114	2205515-74 10X	649856.99	92.5	12255595.23	93.8	3697082.65	95.2
115	2205515-75 10X	642701.07	91.5	11918251.49	91.2	3615106.20	93.1
116	2205515-76 10X	637727.44	90.8	11859966.91	90.7	3594496.61	92.6
117	2205515-77 10X	641134.74	91.3	11877640.66	90.9	3607855.88	92.9
118	CCV	656874.64	93.5	12174121.90	93.1	3678830.46	94.7
119	CCB	649364.07	92.4	12379586.48	94.7	3781388.17	97.4
120	2205515-78 10X	630043.56	89.7	11974074.82	91.6	3624873.07	93.4
121	2205515-79 10X	639080.59	91.0	11937948.99	91.3	3590733.70	92.5
122	2205515-80 10X	641220.43	91.3	12091840.24	92.5	3661913.07	94.3
123	CCV	653528.80	93.0	12199493.98	93.3	3683080.99	94.9
124	CCB	666261.19	94.9	12435884.40	95.1	3832734.42	98.7

ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
125	IP220608-2MB ...	639609.74	91.1	12299081.90	94.1	3747370.78	96.5
126	IM220608-2LCS...	647575.61	92.2	12161745.65	93.0	3691918.38	95.1
127	2205515-81 10X	640773.09	91.2	12136429.40	92.9	3603560.99	92.8
128	2205515-82 10X	641743.74	91.4	12030030.24	92.0	3633955.99	93.6
129	2205515-83 10X	629731.33	89.7	11837447.74	90.6	3552244.01	91.5
130	2205515-84 10X	628651.33	89.5	11777287.32	90.1	3573898.90	92.0
131	2205515-85 10X	639815.45	91.1	11929890.66	91.3	3598038.69	92.7
132	2205515-86 10X	647674.82	92.2	12210689.82	93.4	3654243.07	94.1
133	2205515-87 10X	635776.76	90.5	12118591.49	92.7	3600645.26	92.7
134	2205515-88 10X	637967.15	90.8	11922736.07	91.2	3591414.74	92.5
135	CCV	666609.96	94.9	12451229.81	95.3	3764005.88	96.9
136	CCB	667759.21	95.1	12848060.64	98.3	3799967.03	97.9
137	2205515-89 10X	632458.62	90.0	11983668.99	91.7	3567684.22	91.9
138	2205515-90 10X	642122.61	91.4	11939113.99	91.3	3605244.32	92.9
139	2205515-91 10X	651353.27	92.7	12362446.90	94.6	3756064.84	96.7
140	2205515-91L 50X	663599.89	94.5	12626717.31	96.6	3809170.36	98.1
141	2205515-91MS ...	643560.59	91.6	12028739.82	92.0	3624729.22	93.4
142	2205515-91MSD...	642998.32	91.5	12032226.07	92.1	3645205.67	93.9
143	2205515-91A 10X	652602.99	92.9	12187635.65	93.2	3629572.34	93.5
144	2205515-92 10X	641918.85	91.4	12246329.82	93.7	3660231.20	94.3
145	2205515-93 10X	639175.65	91.0	12142598.57	92.9	3618852.97	93.2
146	2205515-94 10X	651892.89	92.8	12303496.90	94.1	3661226.20	94.3
147	CCV	654873.25	93.2	12394034.81	94.8	3712257.13	95.6
148	CCB	663401.84	94.4	12454656.06	95.3	3786026.40	97.5
149	2205515-95 10X	645105.41	91.8	12185228.99	93.2	3630468.80	93.5
150	2205515-96 10X	641273.10	91.3	12246407.73	93.7	3618182.65	93.2
151	2205515-97 10X	640043.66	91.1	12206937.32	93.4	3629959.01	93.5
152	2205515-98 10X	636449.18	90.6	12107956.07	92.6	3596832.45	92.6
153	2205515-99 10X	651049.34	92.7	12498396.06	95.6	3673374.63	94.6
154	2205515-100 10X	642532.52	91.5	12211963.98	93.4	3616473.28	93.1
155	CCV	662955.77	94.4	12471203.98	95.4	3726291.40	96.0

ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
156	CCB	666632.21	94.9	12924628.14	98.9	3854360.98	99.3
157	IP220608-6MB ...	665923.30	94.8	13050931.89	99.9	3829823.38	98.6
158	IM220608-6LCS...	669722.51	95.3	12683506.06	97.0	3750657.55	96.6
159	2205515-101 10X	639699.59	91.1	12396481.90	94.8	3630347.55	93.5
160	2205515-102 10X	646487.76	92.0	12267005.23	93.9	3597147.76	92.6
161	2205515-103 10X	643439.47	91.6	12252555.65	93.7	3610208.80	93.0
162	2205515-104 10X	638766.68	90.9	12272991.90	93.9	3610778.28	93.0
163	2205515-105 10X	649990.52	92.5	12425630.65	95.1	3663246.61	94.3
164	2205515-106 10X	655033.74	93.3	12422380.65	95.0	3697829.32	95.2
165	2205515-107 10X	646940.74	92.1	12338733.98	94.4	3666279.63	94.4
166	2205515-107L ...	670344.34	95.4	12871571.48	98.5	3803453.38	98.0
167	CCV	669205.22	95.3	12704563.14	97.2	3761898.07	96.9
168	CCB	679656.76	96.8	13072765.64	100.0	3842224.94	99.0
169	2205515-107MS...	639383.82	91.0	12241383.99	93.7	3584651.20	92.3
170	2205515-107MS...	649638.09	92.5	12315152.32	94.2	3615448.80	93.1
171	2205515-107A ...	645887.50	92.0	12188145.24	93.3	3585841.72	92.4
172	2205515-108 10X	639694.59	91.1	12317853.98	94.2	3587136.72	92.4
173	CCV	662747.57	94.4	12739694.81	97.5	3749683.90	96.6
174	CCB	672628.85	95.8	13089644.80	100.1	3864477.96	99.5
175	IP220609-2MB ...	647917.36	92.2	12769781.89	97.7	3774675.57	97.2
176	IM220609-2LCS...	652252.58	92.9	12708787.73	97.2	3724996.61	95.9
177	IM220609-2LCS...	664503.98	94.6	12816570.23	98.1	3770414.63	97.1
178	2205515-109 10X	660389.22	94.0	13131773.55	100.5	3843182.55	99.0
179	2205515-110 10X	657375.41	93.6	12899973.97	98.7	3831544.32	98.7
180	2205515-111 10X	663030.33	94.4	13154724.39	100.6	3865667.86	99.6
181	CCV	654924.13	93.2	12748562.31	97.5	3730309.22	96.1
182	CCB	670753.38	95.5	12734554.81	97.4	3844842.34	99.0
183	2205638-246 10X	656487.23	93.5	13040677.72	99.8	3832596.40	98.7
184	2205638-251 10X	650333.64	92.6	13083095.22	100.1	3848683.49	99.1
185	2205638-252 10X	651878.69	92.8	13059721.89	99.9	3864218.17	99.5
186	2205638-253 10X	647342.32	92.2	12959376.06	99.2	3818832.65	98.4

ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
187	2205638-254 10X	638498.74	90.9	12786175.23	97.8	3774006.40	97.2
188	CCV	652171.82	92.8	12628746.90	96.6	3766546.09	97.0
189	CCB	636845.41	90.7	12375435.23	94.7	3719091.30	95.8
190	IP220610-1MB ...	658619.47	93.8	13011433.97	99.5	3847238.80	99.1
191	IM220610-1LCS...	649813.99	92.5	12462219.81	95.3	3710563.69	95.6
192	IM220610-1LCS...	653985.91	93.1	12527678.15	95.8	3697807.86	95.2
193	2205638-1 10X	655822.80	93.4	12715283.14	97.3	3719068.90	95.8
194	2205638-2 10X	655850.80	93.4	12638078.56	96.7	3687264.53	95.0
195	2205638-3 10X	654204.16	93.1	12734112.73	97.4	3691371.19	95.1
196	2205638-4 10X	656145.00	93.4	12506255.23	95.7	3724271.30	95.9
197	2205638-5 10X	655871.67	93.4	12584115.23	96.3	3724559.43	95.9
198	2205638-7 10X	645418.02	91.9	12437809.40	95.2	3641337.13	93.8
199	2205638-8 10X	654991.66	93.2	12583593.56	96.3	3732616.40	96.1
200	CCV	654284.46	93.1	12618078.15	96.5	3727591.82	96.0
201	CCB	657565.13	93.6	12610175.23	96.5	3772672.34	97.2
202	2205638-9 10X	651315.29	92.7	12682739.39	97.0	3694077.97	95.1
203	2205638-10 10X	635207.24	90.4	12455568.98	95.3	3616649.84	93.1
204	2205638-11 10X	638184.77	90.9	12318152.73	94.2	3613783.38	93.1
205	2205638-12 10X	648035.59	92.3	12543200.23	96.0	3687508.17	95.0
206	2205638-13 10X	649149.69	92.4	12633296.06	96.7	3729871.61	96.1
207	2205638-14 10X	651726.78	92.8	12627357.73	96.6	3737658.69	96.3
208	2205638-15 10X	647313.69	92.2	12432591.06	95.1	3702737.76	95.4
209	2205638-16 10X	661737.66	94.2	12772162.73	97.7	3729605.99	96.1
210	2205638-17 10X	648182.15	92.3	12557596.90	96.1	3694885.57	95.2
211	CCV	649833.04	92.5	12529979.81	95.9	3660568.07	94.3
212	CCB	642832.20	91.5	12352470.65	94.5	3714597.44	95.7
213	2205638-18 10X	646234.18	92.0	12476582.73	95.5	3674121.41	94.6
214	2205638-19 10X	647874.05	92.2	12602893.56	96.4	3744437.55	96.4
215	2205638-20 10X	651214.57	92.7	12579936.90	96.2	3662831.92	94.3
216	2205638-21 10X	650965.14	92.7	12535714.40	95.9	3683446.20	94.9
217	CCV	647831.23	92.2	12428537.73	95.1	3681697.23	94.8

ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
218	CCB	637152.61	90.7	12414213.98	95.0	3716042.03	95.7
219	IP220610-2MB ...	645673.87	91.9	12758715.64	97.6	3769485.05	97.1
220	IM220610-2LCS...	646818.63	92.1	12624049.81	96.6	3721809.01	95.9
221	2205638-22 10X	639397.75	91.0	12507479.81	95.7	3686119.63	94.9
222	2205638-23 10X	643211.32	91.6	12553790.23	96.0	3665615.67	94.4
223	2205638-24 10X	643519.21	91.6	12388898.57	94.8	3673031.40	94.6
224	2205638-25 10X	654250.42	93.1	12650031.90	96.8	3713397.03	95.6
225	2205638-26 10X	652493.69	92.9	12570013.98	96.2	3703369.43	95.4
226	2205638-27 10X	650065.93	92.5	12451376.06	95.3	3669378.59	94.5
227	2205638-28 10X	653912.59	93.1	12468491.48	95.4	3694663.28	95.2
228	2205638-29 10X	653425.46	93.0	12550655.65	96.0	3729002.96	96.0
229	CCV	651290.76	92.7	12413121.48	95.0	3725173.69	95.9
230	CCB	646387.82	92.0	12780137.31	97.8	3738167.55	96.3
231	2205638-30 10X	640026.30	91.1	12481695.65	95.5	3656533.80	94.2
232	2205638-31 10X	619022.03	88.1	12180015.65	93.2	3556388.70	91.6
233	2205638-32 10X	661852.86	94.2	12679969.81	97.0	3736573.59	96.2
234	2205638-33 10X	656646.20	93.5	12782263.98	97.8	3714332.44	95.7
235	2205638-34 10X	670136.21	95.4	12926885.64	98.9	3777293.38	97.3
236	2205638-35 10X	668756.68	95.2	12944911.06	99.0	3754017.86	96.7
237	2205638-36 10X	655212.34	93.3	12843524.81	98.3	3727563.80	96.0
238	2205638-37 10X	651159.65	92.7	12839962.73	98.2	3740696.51	96.3
239	2205638-38 10X	674600.49	96.0	13016283.97	99.6	3799036.92	97.8
240	2205638-39 10X	670525.93	95.5	13161371.05	100.7	3785672.34	97.5
241	CCV	679454.21	96.7	13155216.89	100.6	3821029.84	98.4
242	CCB	677398.14	96.4	13329991.47	102.0	3915490.98	100.8
243	2205638-40 10X	656333.61	93.4	13113031.47	100.3	3802855.99	97.9
244	2205638-40L 50X	669023.92	95.2	13250396.47	101.4	3837865.15	98.8
245	2205638-40MS ...	660516.08	94.0	12934484.81	99.0	3744404.21	96.4
246	2205638-40MSD...	656372.77	93.4	12902768.14	98.7	3716712.13	95.7
247	2205638-40A 10X	654779.95	93.2	12919786.06	98.8	3698305.15	95.2
248	CCV	678690.90	96.6	13033528.97	99.7	3796862.55	97.8

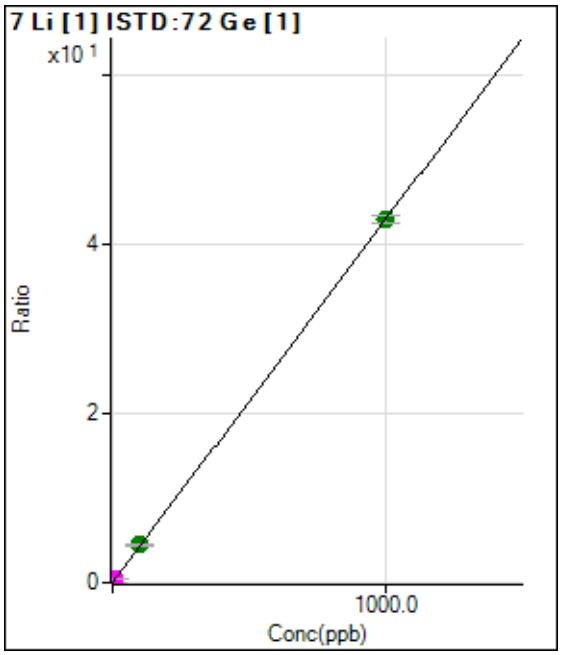
ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
249	CCB	674935.69	96.1	13416326.05	102.6	3888445.99	100.1
250	RINSE	637086.67	90.7	13012768.14	99.6	3755649.42	96.7
251	RINSE	636054.08	90.6	13047683.14	99.8	3718964.53	95.8
252	RINSE	643644.21	91.6	13203343.14	101.0	3787586.92	97.5

Calibration for 008CALS_22F10I00.D

Batch Folder:	C:\ICPMH\1\DATA\22F10m00.B\
Analysis File:	22F10m00.batch.xml
DA Date-Time:	6/11/2022 11:42:30
Calibration Title:	
Calibration Method:	External Calibration
VIS Interpolation Fit:	
Tune Step:	#1 nogas.u
	#2 hehe.u

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB_22F10I00.D	BLANK	6/10/2022 11:48:10
2	005CALS_22F10I00.D	H/1000	6/10/2022 11:51:11
3	006CALS_22F10I00.D	H/100	6/10/2022 11:57:07
4	007CALS_22F10I00.D	H/10	6/10/2022 12:03:01
5	008CALS_22F10I00.D	HIGH	6/10/2022 12:08:53
6			



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	1793.44	0.0009	P	8.4
2	☐	1.0000	0.9492	85895.21	0.0416	P	2.3
3	☐	10.0000	9.7038	874245.00	0.4170	M	5.4
4	☐	100.0000	103.7569	9220481.67	4.4506	A	2.9
5	☐	1000.0000	999.6273	84190232.00	42.8707	A	2.3
6	☐	200.0000					

y = 0.0429 * x + 8.5965E-004

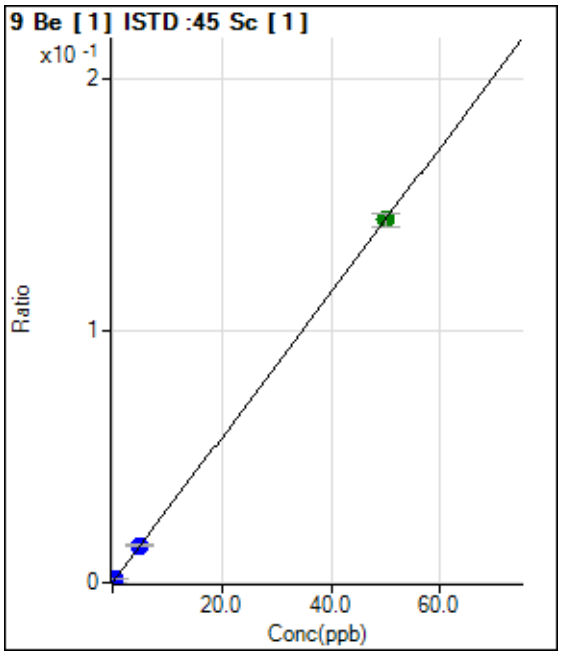
R = 1.0000

DL = 0.005046

BEC = 0.02005

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	30.00	0.0000	P	14.0
2	☐	0.0500	0.0503	1330.06	0.0001	P	5.0
3	☐	0.5000	0.4995	13177.15	0.0014	P	1.6
4	☐	5.0000	5.1274	131713.40	0.0148	P	4.2
5	☐	50.0000	49.9873	1267539.96	0.1439	A	3.9
6	☐	10.0000					

y = 0.0029 * x + 3.3192E-006

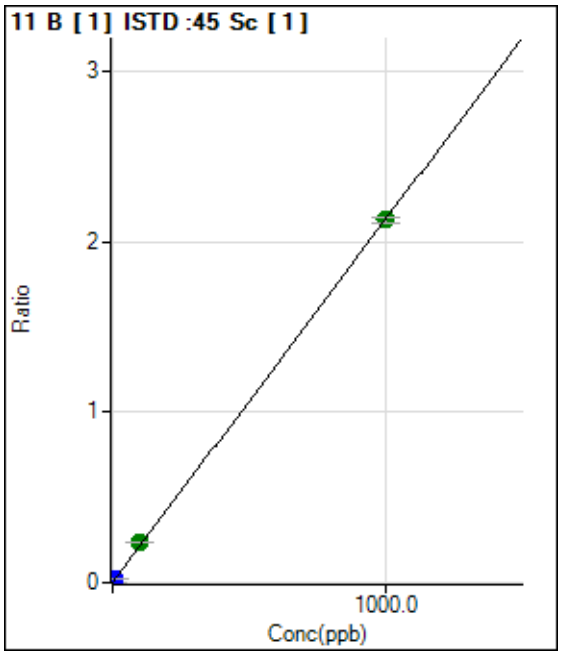
R = 1.0000

DL = 0.0004829

BEC = 0.001153

Weight: None

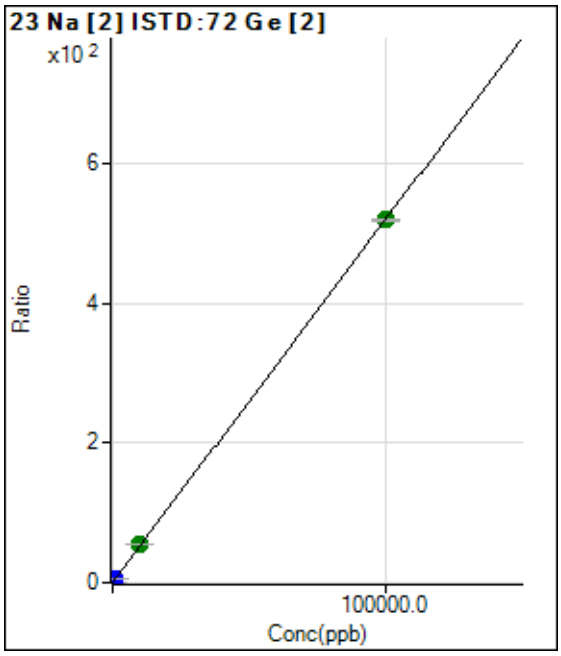
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	10565.61	0.0012	P	5.4
2	☐	1.0000	1.0985	31504.78	0.0035	P	0.3
3	☐	10.0000	9.7912	201588.62	0.0220	P	1.2
4	☐	100.0000	109.5127	2094950.54	0.2347	A	1.7
5	☐	1000.0000	999.0507	18782796.47	2.1315	A	1.4
6	☐	200.0000					

y = 0.0021 * x + 0.0012
R = 1.0000
DL = 0.08867
BEC = 0.5474

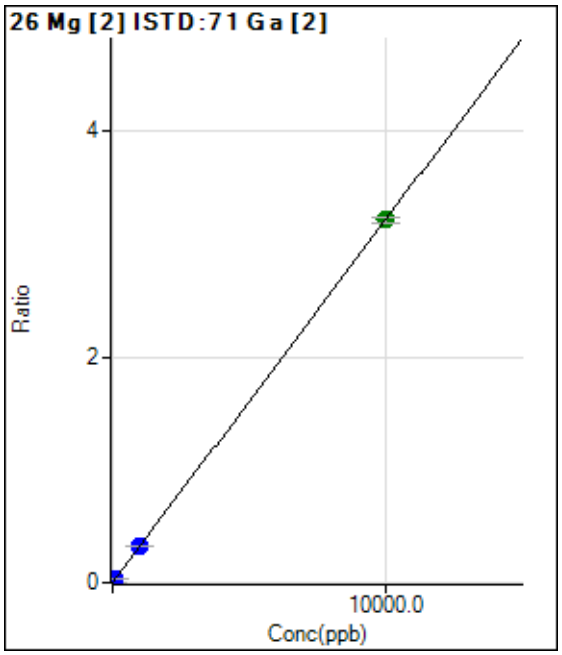
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	8315.74	0.0514	P	7.5
2	☐	100.0000	111.6497	101521.43	0.6325	P	1.0
3	☐	1000.0000	1025.7830	881122.85	5.3901	P	1.3
4	☐	10000.0000	10682.5081	8935020.28	55.6481	A	0.7
5	☐	100000.0000	99931.4797	81008405.46	520.1410	A	0.5
6	☐	20000.0000					

y = 0.0052 * x + 0.0514
R = 1.0000
DL = 2.223
BEC = 9.882

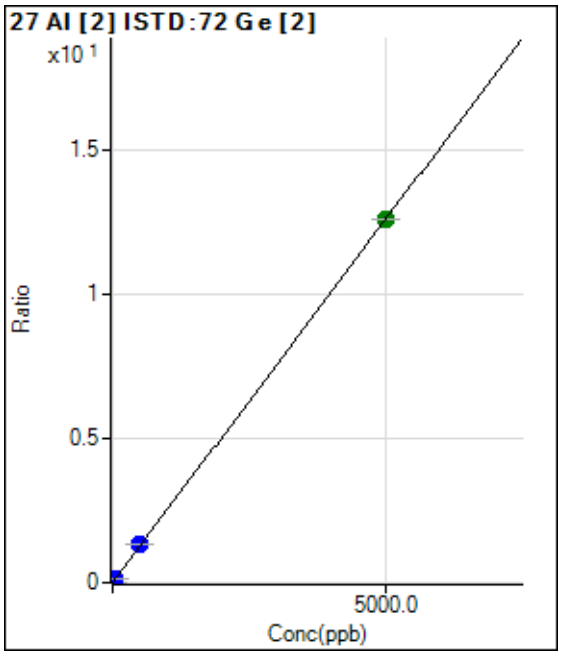
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	53.33	0.0001	P	13.3
2	☐	10.0000	10.8668	1490.15	0.0036	P	7.5
3	☐	100.0000	100.7225	13749.46	0.0325	P	2.6
4	☐	1000.0000	993.9123	130772.40	0.3197	P	2.2
5	☐	10000.0000	10000.6007	1237055.37	3.2158	A	1.7
6	☐	2000.0000					

y = 3.2155E-004 * x + 1.3014E-004
R = 1.0000
DL = 0.1614
BEC = 0.4047

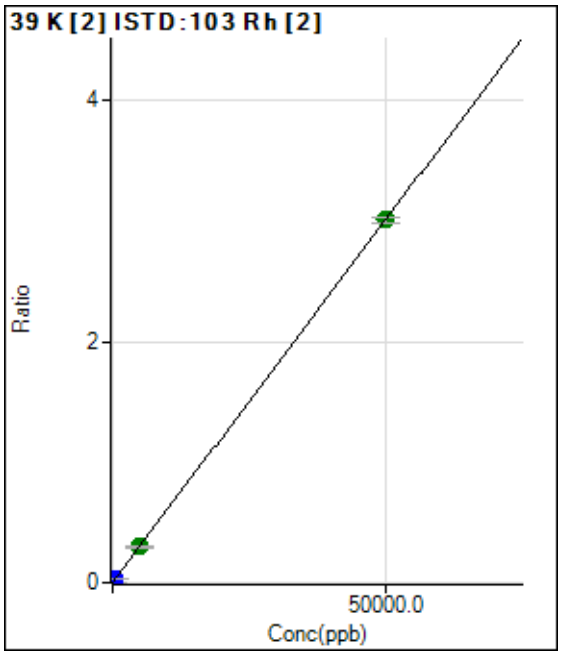
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	130.01	0.0008	P	9.7
2	☐	5.0000	5.4184	2320.28	0.0145	P	6.4
3	☐	50.0000	52.1661	21608.07	0.1322	P	2.4
4	☐	500.0000	532.9396	215636.40	1.3430	P	0.6
5	☐	5000.0000	4996.6840	1959963.15	12.5847	A	0.2
6	☐	1000.0000					

y = 0.0025 * x + 8.0466E-004
R = 1.0000
DL = 0.09271
BEC = 0.3195

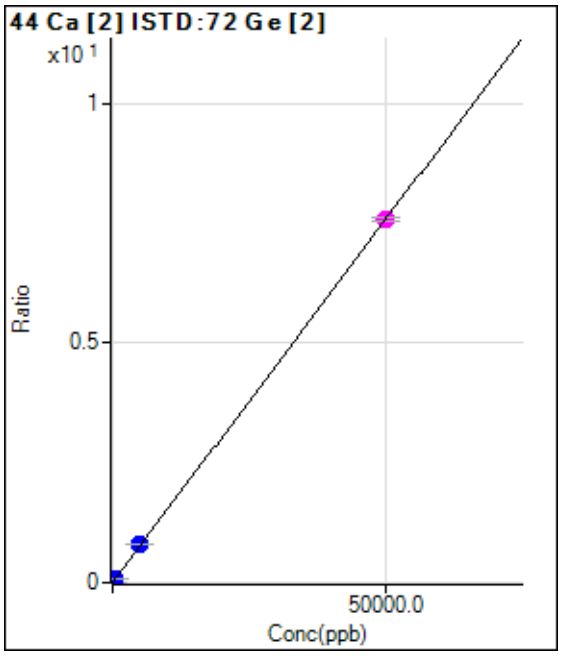
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	6364.79	0.0015	P	4.1
2	☐	50.0000	59.9874	22042.16	0.0051	P	5.3
3	☐	500.0000	501.3065	138838.48	0.0316	P	1.3
4	☐	5000.0000	4914.4158	1248518.58	0.2972	A	3.8
5	☐	50000.0000	50008.5354	11276055.25	3.0108	A	1.3
6	☐	10000.0000					

y = 6.0176E-005 * x + 0.0015
R = 1.0000
DL = 2.93
BEC = 24.1

Weight: None
Min Conc: <None>

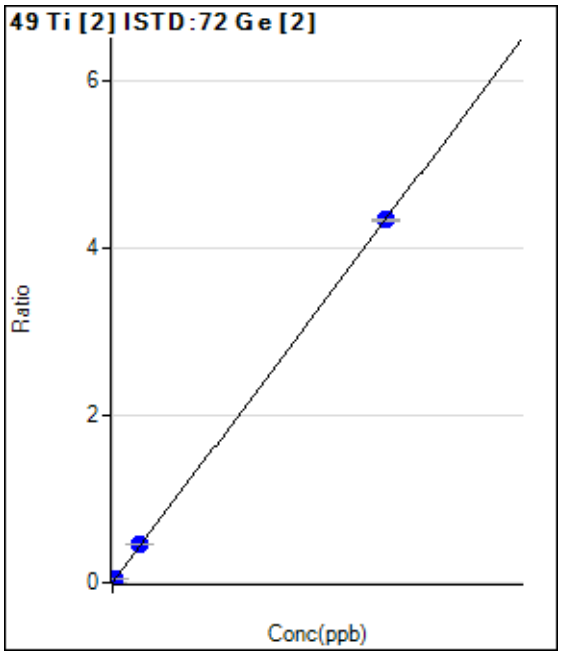


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	125.32	0.0008	P	24.0
2	☐	50.0000	67.4900	1764.58	0.0110	P	11.9
3	☐	500.0000	540.9132	13511.08	0.0827	P	5.2
4	☐	5000.0000	5259.0158	127998.68	0.7972	P	0.6
5	☐	50000.0000	49973.6718	1178664.13	7.5687	M	1.1
6	☐	10000.0000					

y = 1.5144E-004 * x + 7.7294E-004
R = 1.0000
DL = 3.678
BEC = 5.104

Weight: None
Min Conc: <None>

Calibration for 008CALS_22F10I00.D



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	40.00	0.0002	P	48.0
2	☐	3.0000	3.3897	826.73	0.0051	P	19.0
3	☐	30.0000	31.2291	7418.68	0.0454	P	2.5
4	☐	300.0000	312.5507	72553.51	0.4519	P	0.8
5	☐	3000.0000	2998.7322	674806.61	4.3331	P	0.8
6	☐	400.0000					

y = 0.0014 * x + 2.4566E-004

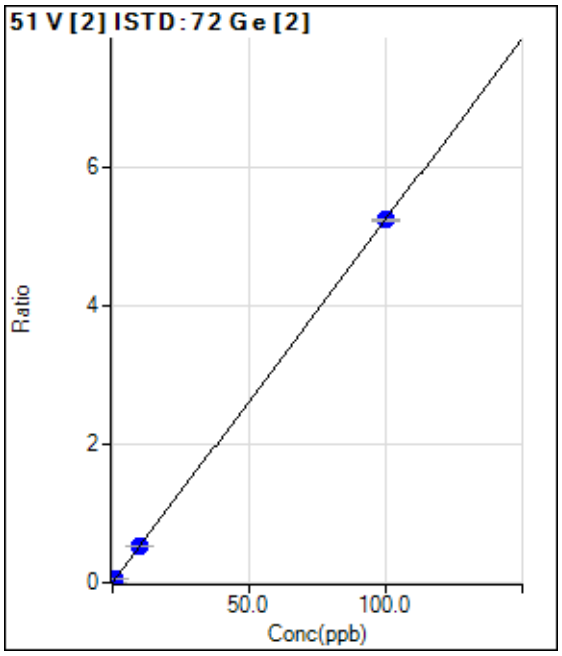
R = 1.0000

DL = 0.2449

BEC = 0.17

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	239.67	0.0015	P	6.9
2	☐	0.1000	0.1173	1226.38	0.0076	P	2.9
3	☐	1.0000	1.0472	9229.92	0.0565	P	2.8
4	☐	10.0000	10.2600	86746.55	0.5402	P	0.2
5	☐	100.0000	99.9735	817812.19	5.2512	P	0.3
6	☐	20.0000					

y = 0.0525 * x + 0.0015

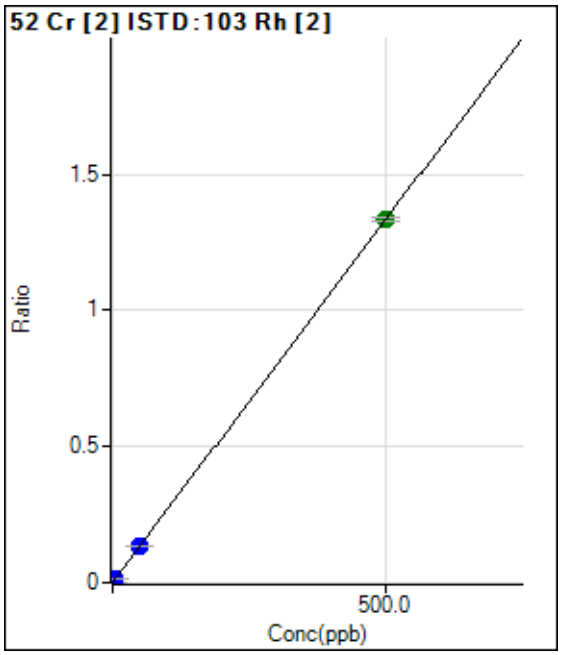
R = 1.0000

DL = 0.005817

BEC = 0.02823

Weight: None

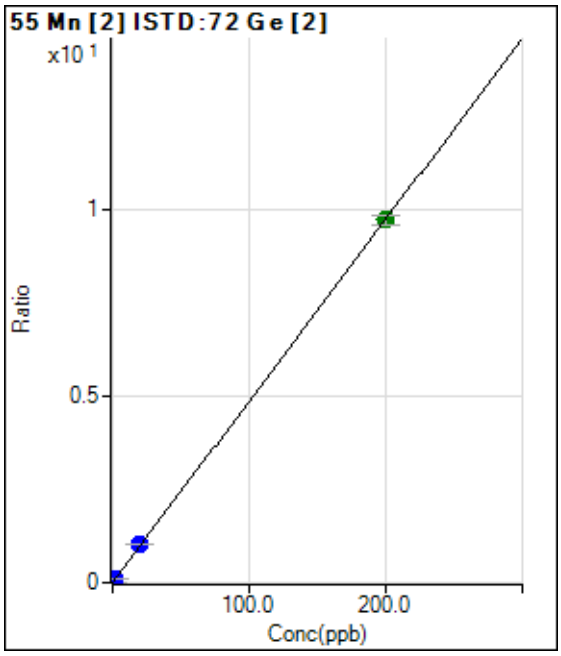
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	423.35	0.0001	P	8.7
2	☐	0.5000	0.4857	6062.31	0.0014	P	2.3
3	☐	5.0000	4.9017	57814.04	0.0132	P	1.0
4	☐	50.0000	50.1034	561746.26	0.1337	P	2.2
5	☐	500.0000	499.9907	4992984.94	1.3332	A	0.9
6	☐	100.0000					

y = 0.0027 * x + 9.6468E-005
R = 1.0000
DL = 0.009477
BEC = 0.03618

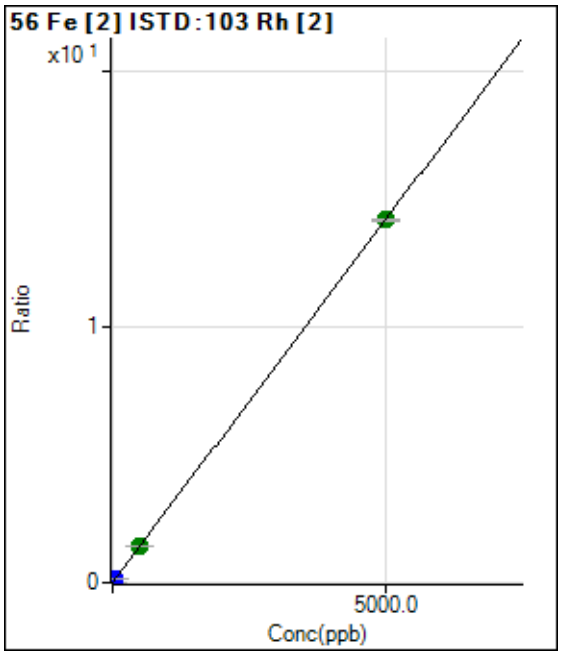
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	214.45	0.0013	P	16.9
2	☐	0.2000	0.2654	2283.52	0.0142	P	6.1
3	☐	2.0000	2.1573	17358.16	0.1062	P	3.7
4	☐	20.0000	21.0221	164334.91	1.0235	P	0.9
5	☐	200.0000	199.8962	1513778.27	9.7210	A	2.6
6	☐	40.0000					

y = 0.0486 * x + 0.0013
R = 1.0000
DL = 0.01381
BEC = 0.02732

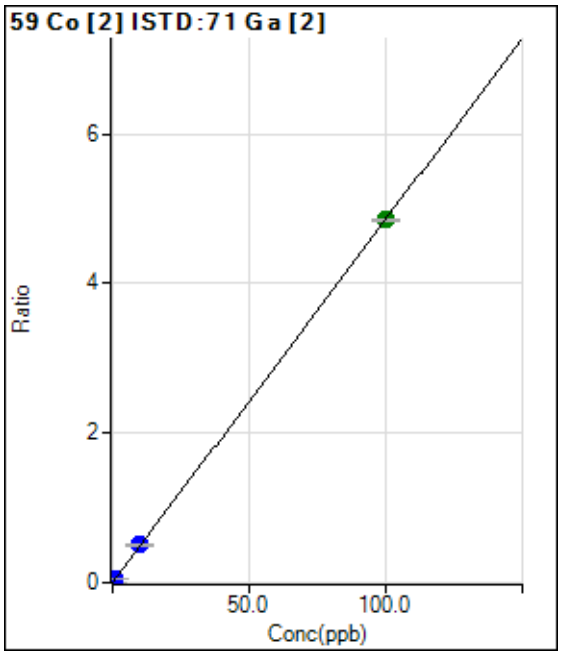
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	3200.45	0.0007	P	8.6
2	☐	5.0000	5.6378	72765.24	0.0167	P	2.9
3	☐	50.0000	51.2509	640874.60	0.1459	P	0.4
4	☐	500.0000	502.4780	5984146.79	1.4244	A	3.7
5	☐	5000.0000	4999.7391	53055745.88	14.1663	A	0.4
6	☐	1000.0000					

y = 0.0028 * x + 7.2852E-004
R = 1.0000
DL = 0.06602
BEC = 0.2571

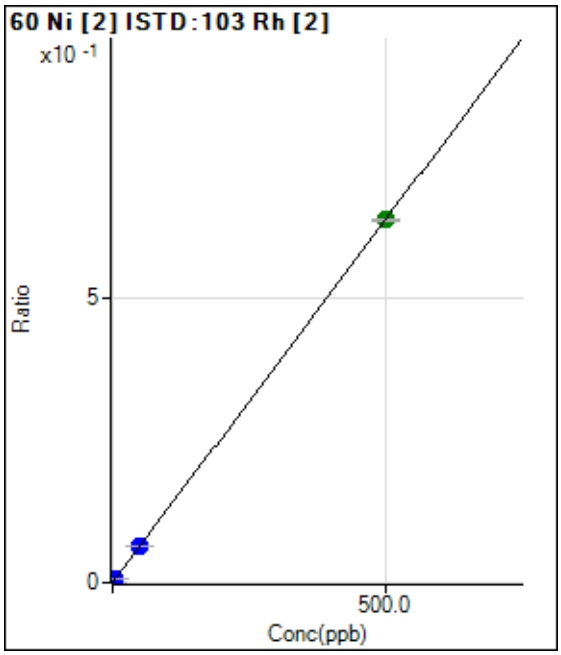
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	53.33	0.0001	P	40.9
2	☐	0.1000	0.1103	2252.41	0.0055	P	5.8
3	☐	1.0000	1.0474	21542.08	0.0509	P	1.0
4	☐	10.0000	10.4115	206660.23	0.5053	P	1.9
5	☐	100.0000	99.9584	1865597.08	4.8497	A	0.8
6	☐	20.0000					

y = 0.0485 * x + 1.2892E-004
R = 1.0000
DL = 0.00326
BEC = 0.002657

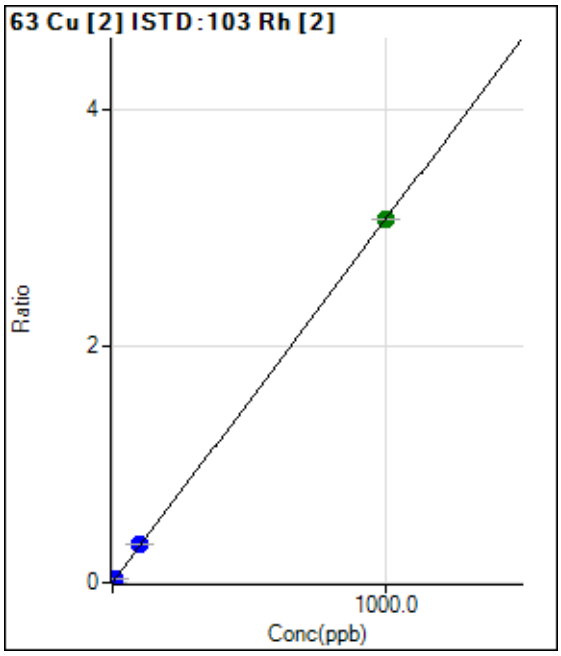
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	55.56	0.0000	P	4.3
2	☐	0.5000	0.5042	2855.85	0.0007	P	7.0
3	☐	5.0000	5.0112	28123.13	0.0064	P	2.3
4	☐	50.0000	50.7761	272170.26	0.0648	P	2.6
5	☐	500.0000	499.9223	2388012.68	0.6376	A	0.7
6	☐	100.0000					

y = 0.0013 * x + 1.2658E-005
R = 1.0000
DL = 0.001278
BEC = 0.009925

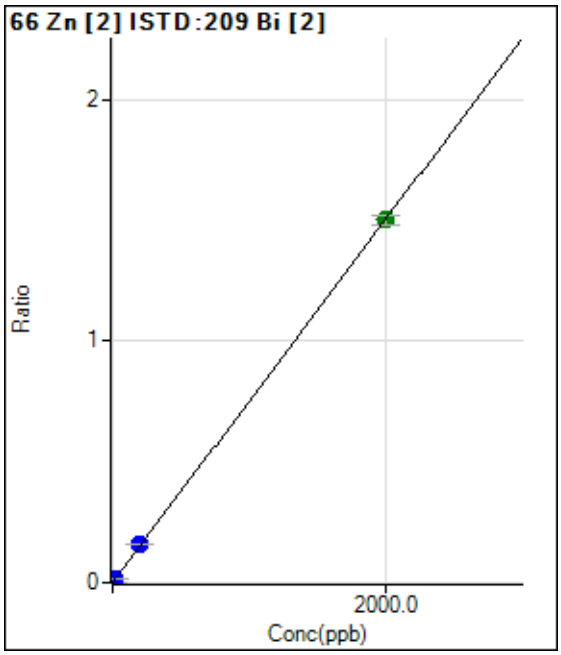
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	4527.37	0.0010	P	10.7
2	☐	1.0000	1.0876	19016.80	0.0044	P	5.0
3	☐	10.0000	10.4556	145255.59	0.0331	P	1.1
4	☐	100.0000	106.4315	1375099.60	0.3272	P	2.3
5	☐	1000.0000	999.3522	11475394.82	3.0640	A	0.1
6	☐	200.0000					

y = 0.0031 * x + 0.0010
R = 1.0000
DL = 0.108
BEC = 0.3367

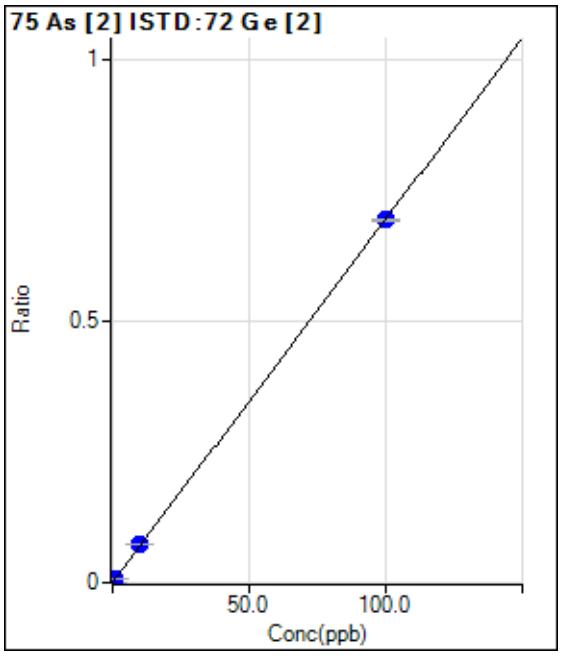
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	456.70	0.0001	P	4.9
2	☐	2.0000	2.3778	7285.25	0.0019	P	1.4
3	☐	20.0000	21.4348	62772.38	0.0162	P	3.3
4	☐	200.0000	211.9266	593521.65	0.1592	P	1.4
5	☐	2000.0000	1998.7926	4861282.84	1.5004	A	2.5
6	☐	400.0000					

y = 7.5058E-004 * x + 1.1763E-004
R = 1.0000
DL = 0.02288
BEC = 0.1567

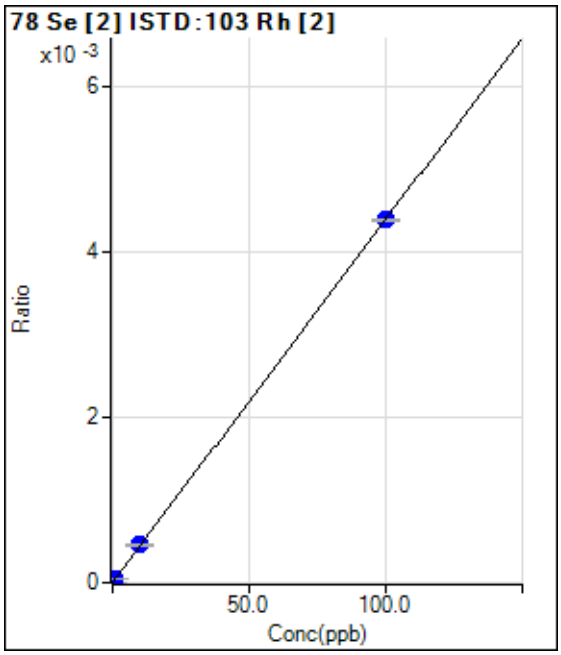
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	7.67	0.0000	P	63.7
2	☐	0.1000	0.1061	125.67	0.0008	P	10.9
3	☐	1.0000	1.1031	1258.72	0.0077	P	4.2
4	☐	10.0000	10.7615	11998.10	0.0747	P	1.0
5	☐	100.0000	99.9228	107993.26	0.6934	P	0.3
6	☐	20.0000					

y = 0.0069 * x + 4.7121E-005
R = 1.0000
DL = 0.01297
BEC = 0.006791

Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	0.80	0.0000	P	86.6
2	☐	0.1000	0.0975	19.47	0.0000	P	40.5
3	☐	1.0000	1.0345	200.13	0.0000	P	5.5
4	☐	10.0000	10.4213	1922.52	0.0005	P	2.4
5	☐	100.0000	99.9575	16429.72	0.0044	P	0.3
6	☐	20.0000					

y = 4.3886E-005 * x + 1.8091E-007

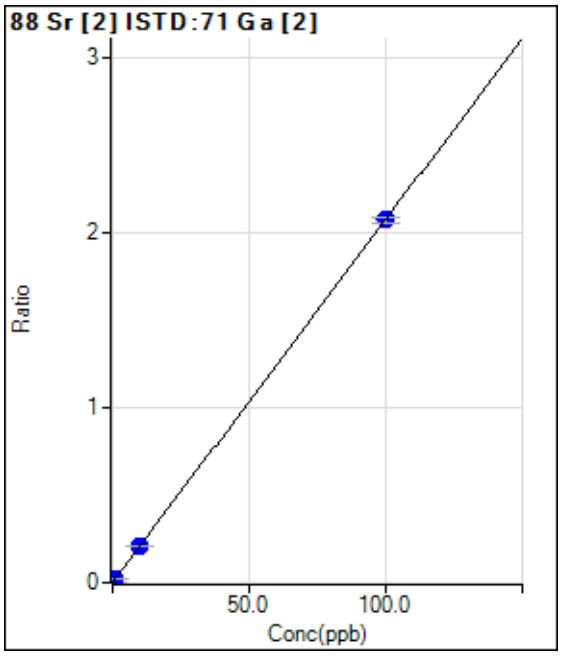
R = 1.0000

DL = 0.01071

BEC = 0.004122

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	50.00	0.0001	P	33.1
2	☐	0.1000	0.1053	946.74	0.0023	P	14.3
3	☐	1.0000	0.9995	8822.81	0.0209	P	11.0
4	☐	10.0000	10.0737	85562.06	0.2092	P	1.5
5	☐	100.0000	99.9926	798311.42	2.0753	P	1.6
6	☐	20.0000					

y = 0.0208 * x + 1.2117E-004

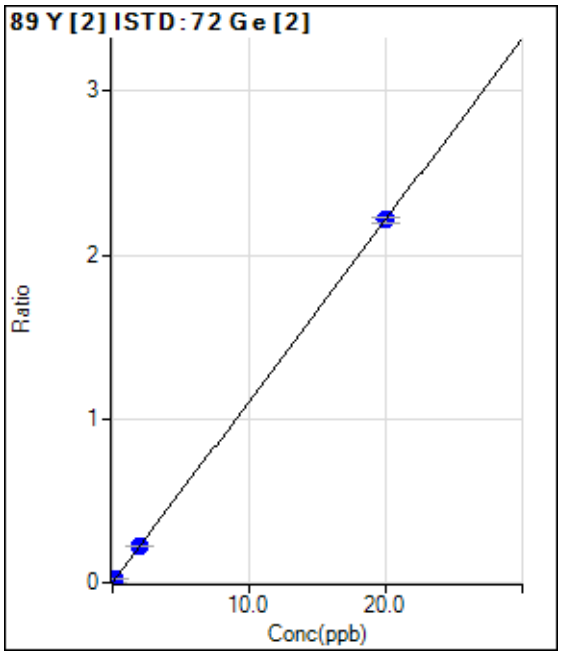
R = 1.0000

DL = 0.00579

BEC = 0.005839

Weight: None

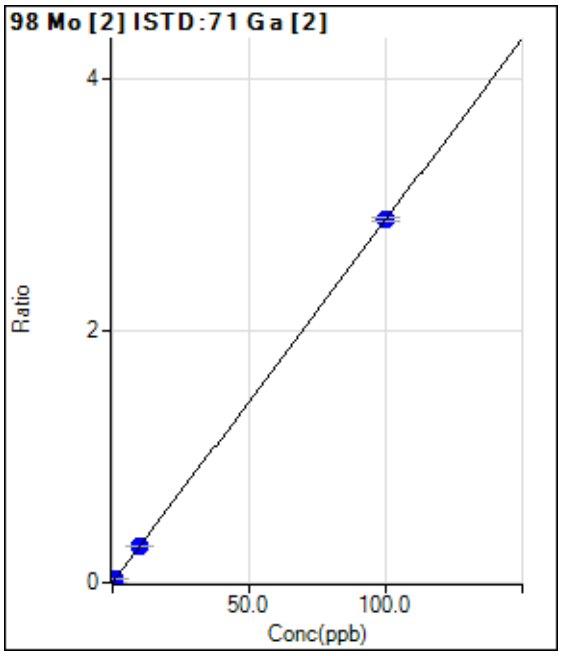
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	10.00	0.0001	P	98.7
2	☐	0.0200	0.0205	373.35	0.0023	P	17.8
3	☐	0.2000	0.1992	3613.92	0.0221	P	6.3
4	☐	2.0000	2.0074	35684.27	0.2222	P	0.5
5	☐	20.0000	19.9993	344739.51	2.2135	P	1.2
6	☐	6.0000					

y = 0.1107 * x + 6.0997E-005
R = 1.0000
DL = 0.001632
BEC = 0.0005511

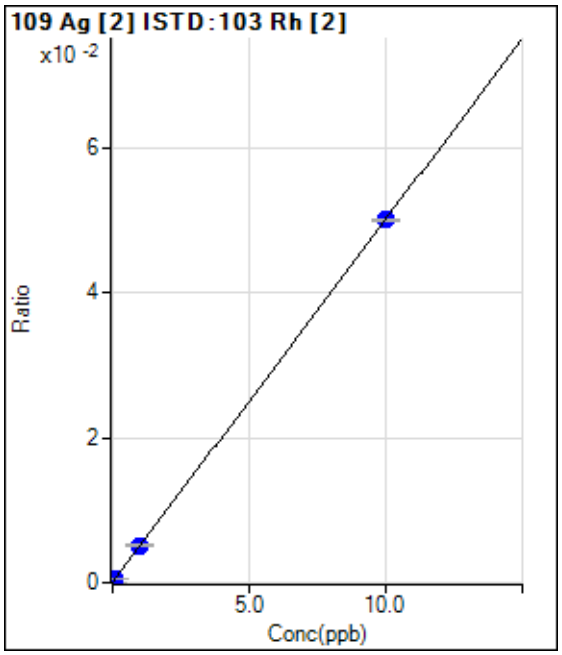
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	33.34	0.0001	P	19.6
2	☐	0.1000	0.0990	1204.51	0.0029	P	2.9
3	☐	1.0000	0.9715	11858.98	0.0280	P	2.6
4	☐	10.0000	9.9375	117027.95	0.2861	P	2.0
5	☐	100.0000	100.0065	1107376.62	2.8787	P	1.1
6	☐	20.0000					

y = 0.0288 * x + 8.1448E-005
R = 1.0000
DL = 0.00166
BEC = 0.00283

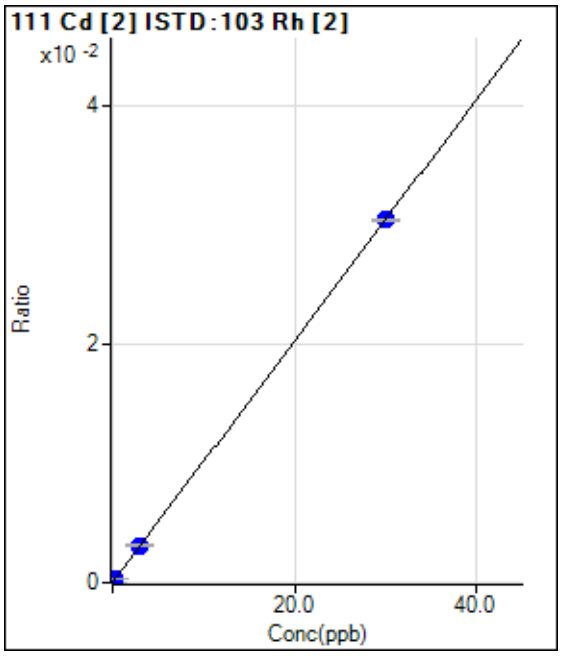
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	178.89	0.0000	P	13.0
2	☐	0.0100	0.0124	447.79	0.0001	P	14.1
3	☐	0.1000	0.1045	2476.90	0.0006	P	3.7
4	☐	1.0000	1.0257	21758.47	0.0052	P	0.8
5	☐	10.0000	9.9974	187649.11	0.0501	P	0.2
6	☐	2.0000					

y = 0.0050 * x + 4.0704E-005
R = 1.0000
DL = 0.003159
BEC = 0.008128

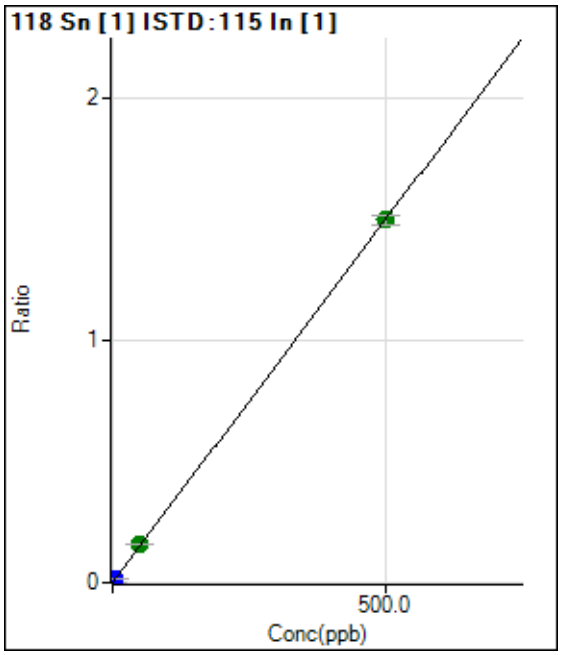
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	6.00	0.0000	P	34.5
2	☐	0.0300	0.0300	138.55	0.0000	P	22.6
3	☐	0.3000	0.3111	1392.23	0.0003	P	1.7
4	☐	3.0000	3.0761	13123.26	0.0031	P	2.9
5	☐	30.0000	29.9923	113998.42	0.0304	P	0.4
6	☐	6.0000					

y = 0.0010 * x + 1.3703E-006
R = 1.0000
DL = 0.001398
BEC = 0.00135

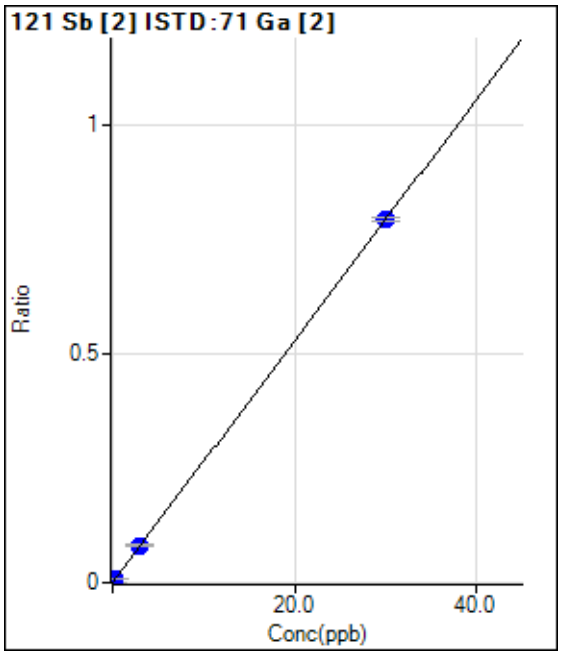
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	9446.63	0.0006	P	4.1
2	☐	0.5000	0.7314	41248.71	0.0028	P	4.1
3	☐	5.0000	5.0905	235527.22	0.0159	P	3.1
4	☐	50.0000	52.9514	2263541.95	0.1591	A	3.3
5	☐	500.0000	499.7037	19865378.45	1.4959	A	2.5
6	☐	100.0000					

y = 0.0030 * x + 6.4698E-004
R = 1.0000
DL = 0.02675
BEC = 0.2162

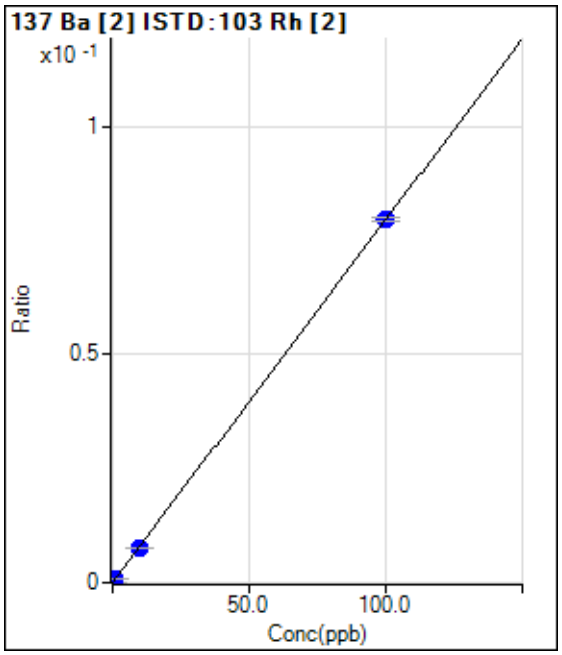
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	54.45	0.0001	P	10.3
2	☐	0.0300	0.0330	412.24	0.0010	P	10.4
3	☐	0.3000	0.3112	3528.23	0.0083	P	3.1
4	☐	3.0000	3.0738	33228.61	0.0812	P	1.4
5	☐	30.0000	29.9925	304476.77	0.7915	P	1.0
6	☐	6.0000					

y = 0.0264 * x + 1.3235E-004
R = 1.0000
DL = 0.001557
BEC = 0.005016

Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	6.67	0.0000	P	173.2
2	☐	0.1000	0.1260	443.36	0.0001	P	9.3
3	☐	1.0000	0.9956	3483.90	0.0008	P	5.2
4	☐	10.0000	9.5141	31797.02	0.0076	P	2.0
5	☐	100.0000	100.0486	297951.47	0.0796	P	1.1
6	☐	20.0000					

y = 7.9514E-004 * x + 1.5410E-006

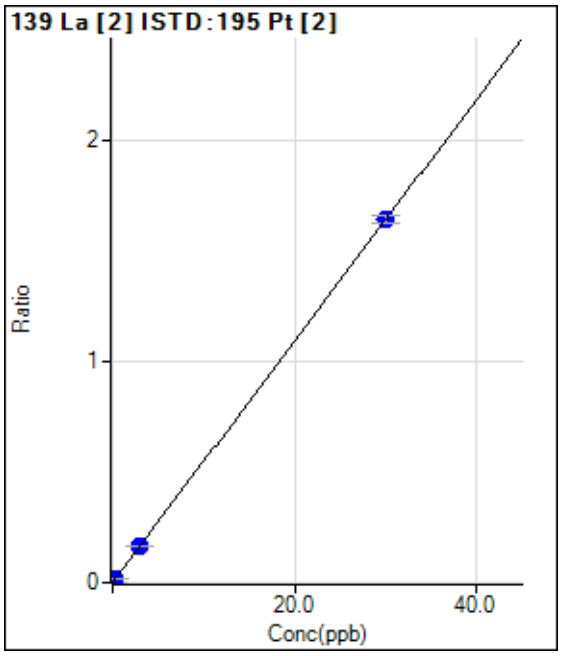
R = 1.0000

DL = 0.01007

BEC = 0.001938

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	13.33	0.0000	P	86.6
2	☐	0.0300	0.0325	1256.79	0.0018	P	17.7
3	☐	0.3000	0.2861	11127.82	0.0157	P	2.1
4	☐	3.0000	2.9618	112202.89	0.1623	P	0.5
5	☐	30.0000	30.0040	1034819.39	1.6438	P	2.0
6	☐	6.0000					

y = 0.0548 * x + 1.8989E-005

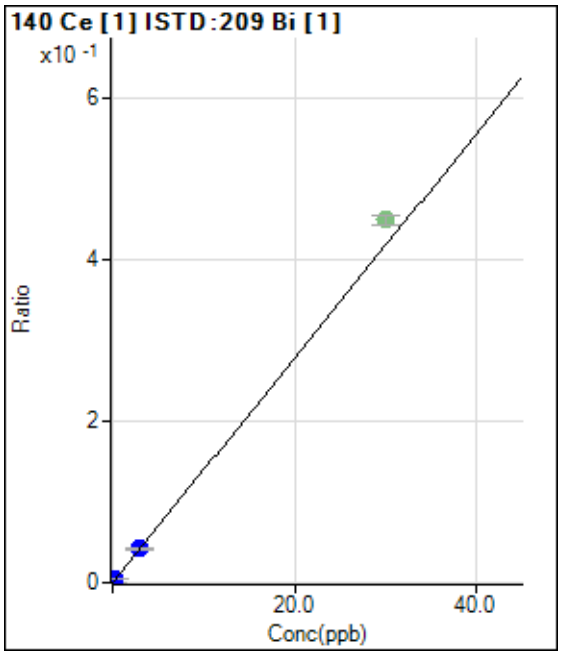
R = 1.0000

DL = 0.0009006

BEC = 0.0003466

Weight: None

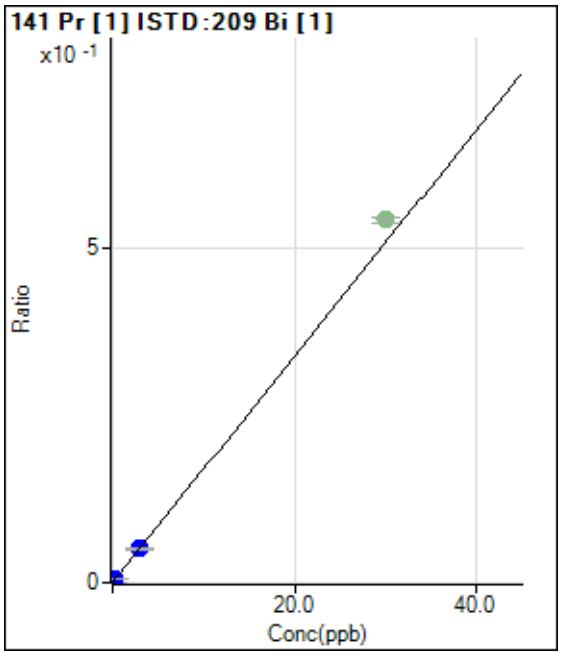
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	190.01	0.0000	P	27.4
2	☐	0.0300	0.0339	6264.89	0.0005	P	3.8
3	☐	0.3000	0.2996	53695.05	0.0042	P	2.3
4	☐	3.0000	3.0000	520828.64	0.0417	P	3.3
5	☑	30.0000		4920073.36	0.4485	A	2.9
6	☐	6.0000					

y = 0.0139 * x + 1.4530E-005
R = 1.0000
DL = 0.0008587
BEC = 0.001046

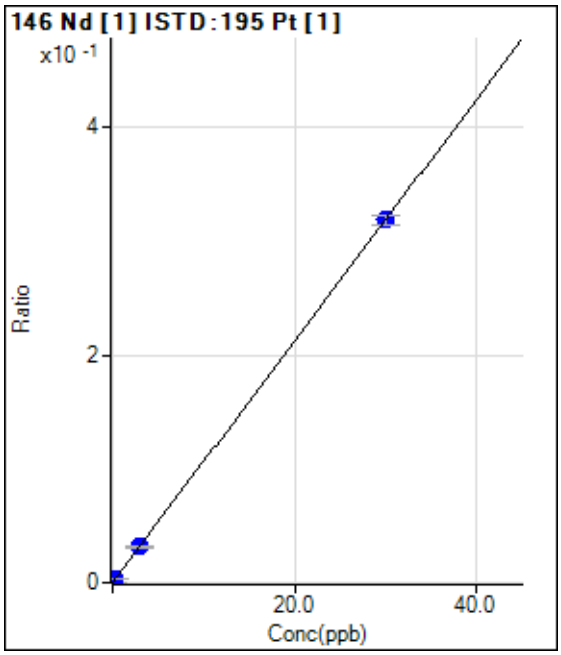
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	46.67	0.0000	P	83.5
2	☐	0.0300	0.0292	6438.33	0.0005	P	2.7
3	☐	0.3000	0.2928	63934.34	0.0050	P	3.7
4	☐	3.0000	3.0007	636460.24	0.0509	P	2.9
5	☑	30.0000		5962022.83	0.5434	A	1.6
6	☐	6.0000					

y = 0.0170 * x + 3.6125E-006
R = 1.0000
DL = 0.0005328
BEC = 0.0002128

Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	20.00	0.0000	P	86.2
2	☐	0.0300	0.0326	1280.11	0.0004	P	8.7
3	☐	0.3000	0.2936	11311.32	0.0031	P	5.1
4	☐	3.0000	2.9592	111852.38	0.0314	P	1.4
5	☐	30.0000	30.0041	1037961.00	0.3185	P	2.6
6	☐	6.0000					

y = 0.0106 * x + 5.4605E-006

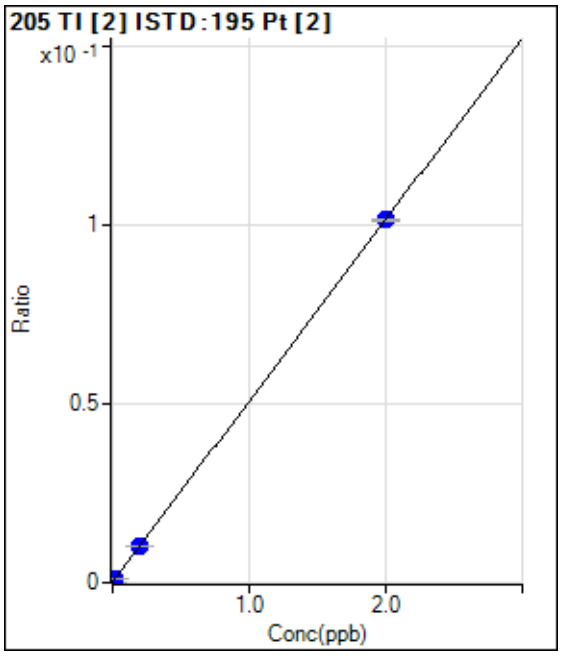
R = 1.0000

DL = 0.001331

BEC = 0.0005145

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	79.52	0.0001	P	23.4
2	☐	0.0020	0.0011	118.57	0.0002	P	12.6
3	☐	0.0200	0.0169	685.26	0.0010	P	5.9
4	☐	0.2000	0.2011	7119.37	0.0103	P	1.3
5	☐	2.0000	1.9999	63825.86	0.1014	P	0.5
6	☐	0.4000					

y = 0.0506 * x + 1.1331E-004

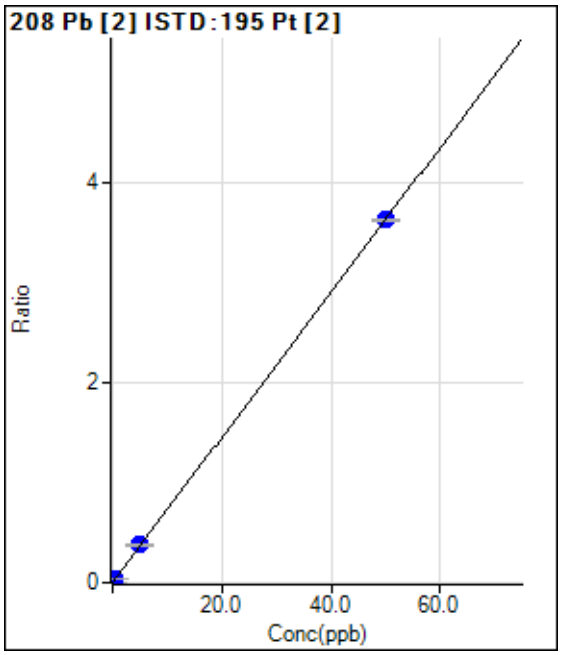
R = 1.0000

DL = 0.00157

BEC = 0.002238

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	793.38	0.0011	P	7.0
2	☐	0.0500	0.0591	3793.73	0.0054	P	5.3
3	☐	0.5000	0.5312	28168.69	0.0397	P	0.3
4	☐	5.0000	5.1677	260408.23	0.3766	P	1.5
5	☐	50.0000	49.9829	2287269.21	3.6332	P	0.2
6	☐	10.0000					

y = 0.0727 * x + 0.0011

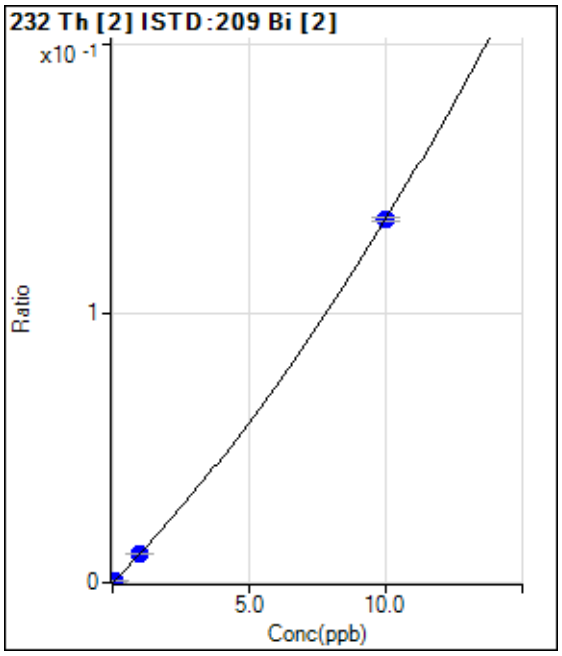
R = 1.0000

DL = 0.003274

BEC = 0.01555

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0008	33.33	0.0000	P	19.7
2	☐	0.0100	0.0200	792.27	0.0002	P	7.5
3	☐	0.1000	0.0846	3399.39	0.0009	P	1.1
4	☐	1.0000	1.0015	39821.35	0.0107	P	0.6
5	☐	10.0000	10.0000	437248.87	0.1349	P	1.1
6	☐	2.0000					

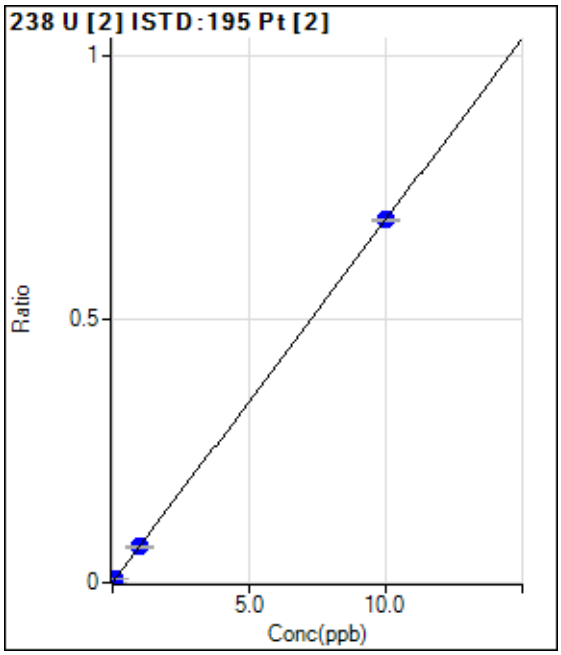
y = 3.1439E-004 * x ^ 2 + 0.0103 * x

DL = 0.000489

BEC = 0

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	16.67	0.0000	P	59.9
2	☐	0.0100	0.0098	486.69	0.0007	P	4.7
3	☐	0.1000	0.0954	4667.49	0.0066	P	4.3
4	☐	1.0000	0.9806	46648.07	0.0675	P	1.3
5	☐	10.0000	10.0020	433117.27	0.6880	P	0.3
6	☐	2.0000					

y = 0.0688 * x + 2.3695E-005

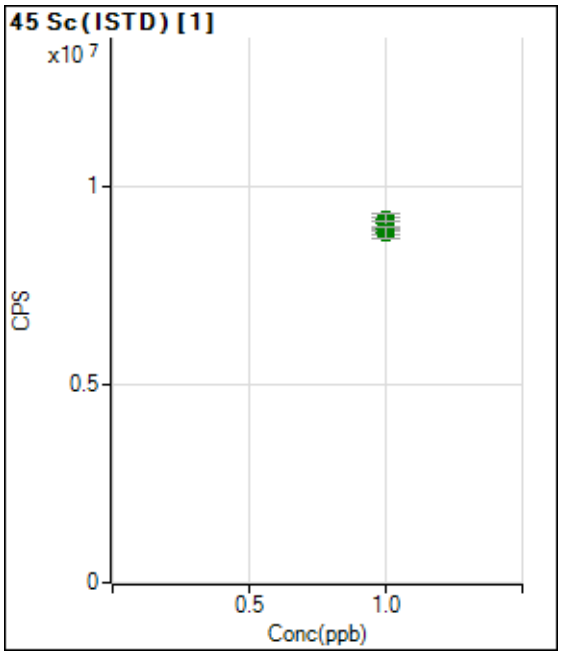
R = 1.0000

DL = 0.0006189

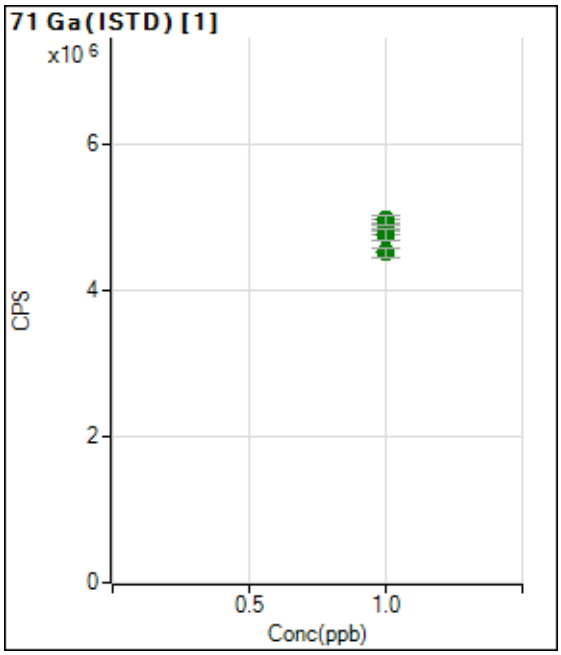
BEC = 0.0003445

Weight: None

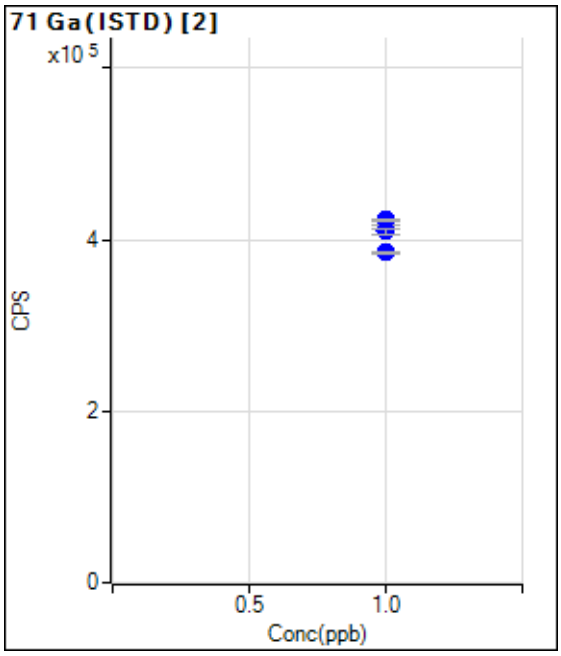
Min Conc: <None>



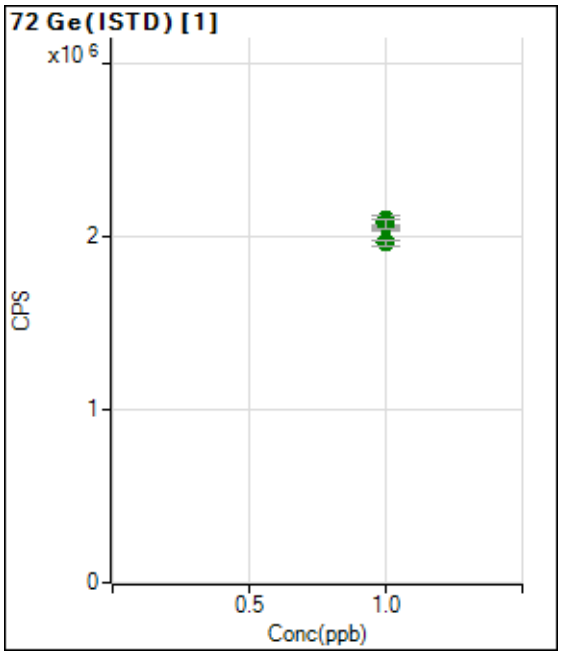
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		9061515.49		A	3.3
2	☐	1.0000		8977020.49		A	2.8
3	☐	1.0000		9146488.61		A	3.6
4	☐	1.0000		8930214.45		A	3.8
5	☐	1.0000		8814568.62		A	3.1
6	☐	1.0000					



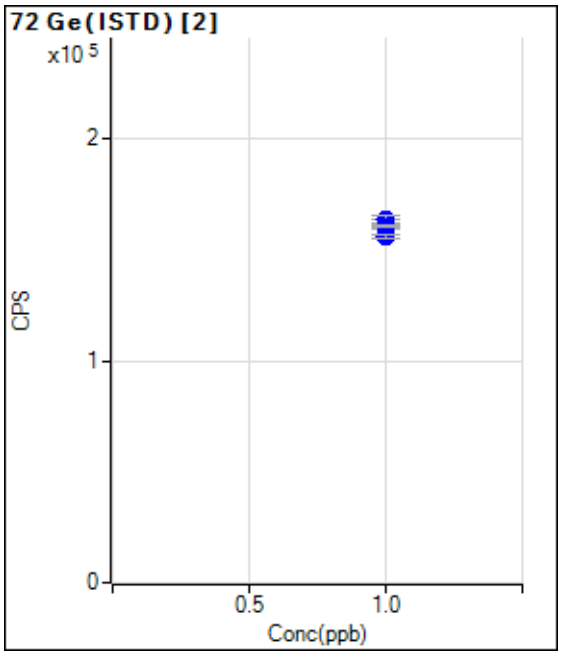
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		4886448.47		A	3.5
2	☐	1.0000		4834742.84		A	3.6
3	☐	1.0000		4961791.59		A	2.4
4	☐	1.0000		4758097.74		A	2.9
5	☐	1.0000		4510595.56		A	2.8
6	☐	1.0000					



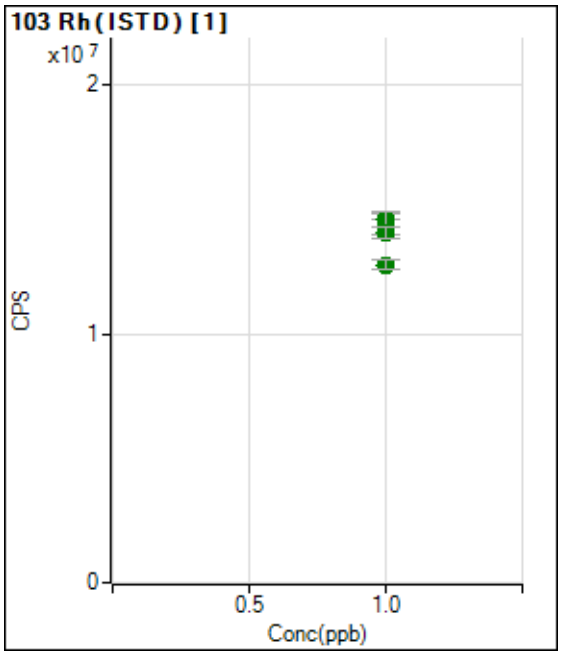
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		410695.80		P	2.8
2	☐	1.0000		411187.12		P	2.3
3	☐	1.0000		422872.25		P	0.6
4	☐	1.0000		409090.96		P	1.5
5	☐	1.0000		384684.19		P	0.2
6	☐	1.0000					



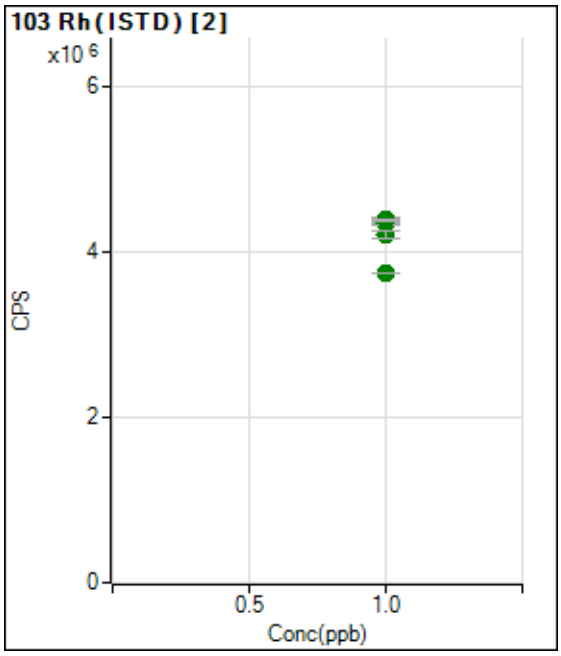
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		2089497.67		A	3.2
2	☐	1.0000		2067222.47		A	2.9
3	☐	1.0000		2096055.28		A	2.5
4	☐	1.0000		2072802.52		A	2.8
5	☐	1.0000		1964351.38		A	1.8
6	☐	1.0000					



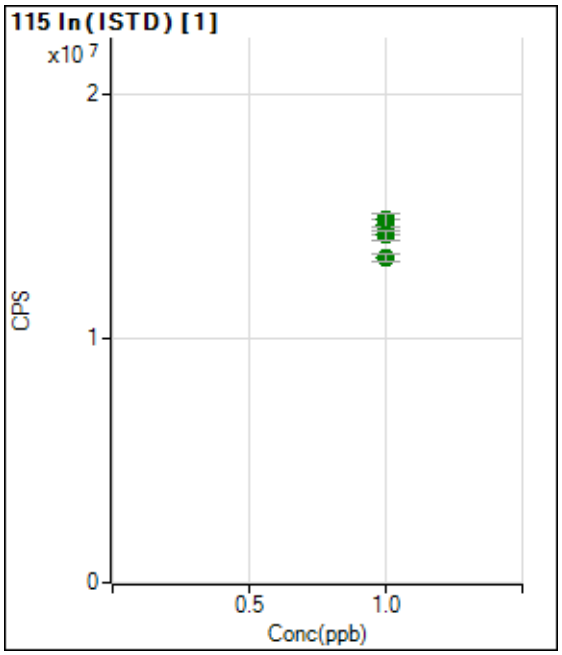
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		161789.07		P	2.3
2	☐	1.0000		160519.55		P	1.2
3	☐	1.0000		163499.22		P	2.1
4	☐	1.0000		160567.17		P	0.6
5	☐	1.0000		155740.01		P	1.0
6	☐	1.0000					



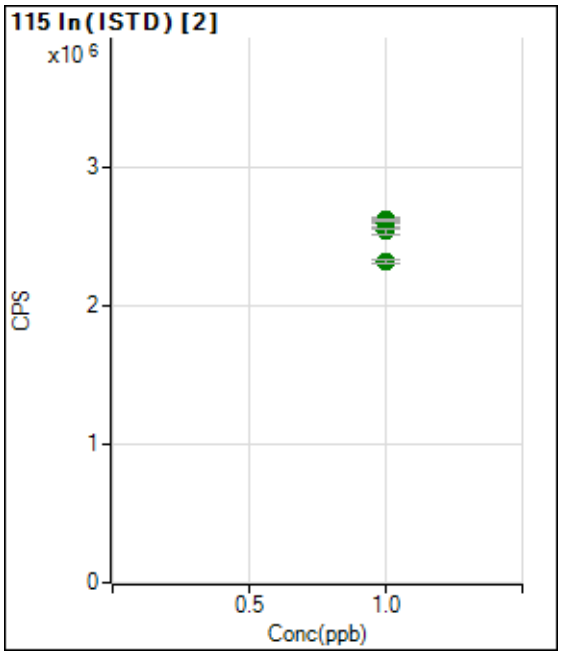
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		14569968.53		A	4.2
2	☐	1.0000		14307846.46		A	4.0
3	☐	1.0000		14582132.28		A	4.1
4	☐	1.0000		14042791.46		A	3.2
5	☐	1.0000		12760735.65		A	3.1
6	☐	1.0000					



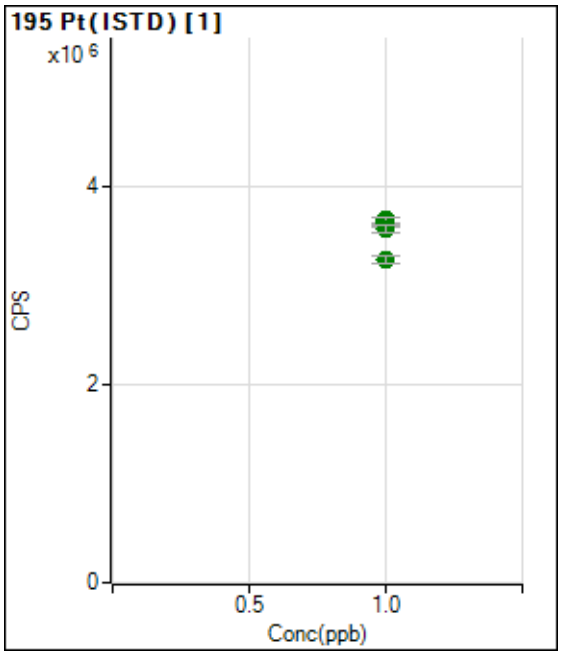
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		4390094.21		A	1.3
2	☐	1.0000		4357273.48		A	1.0
3	☐	1.0000		4391423.79		A	0.5
4	☐	1.0000		4203391.81		A	2.1
5	☐	1.0000		3745188.07		A	0.3
6	☐	1.0000					



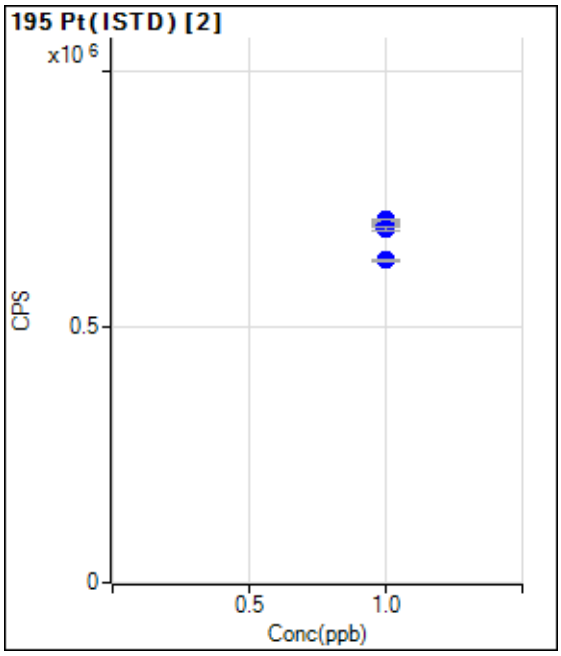
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		14614089.19		A	3.2
2	☐	1.0000		14555425.22		A	4.0
3	☐	1.0000		14842858.23		A	3.6
4	☐	1.0000		14236269.36		A	2.8
5	☐	1.0000		13285000.33		A	2.5
6	☐	1.0000					



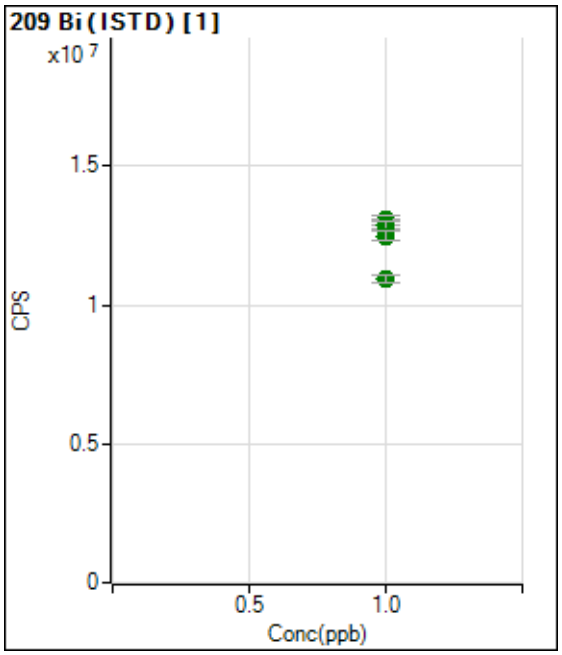
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		2608834.85		A	1.7
2	☐	1.0000		2586096.38		A	1.7
3	☐	1.0000		2615363.04		A	0.8
4	☐	1.0000		2530758.20		A	2.1
5	☐	1.0000		2317118.41		A	1.1
6	☐	1.0000					



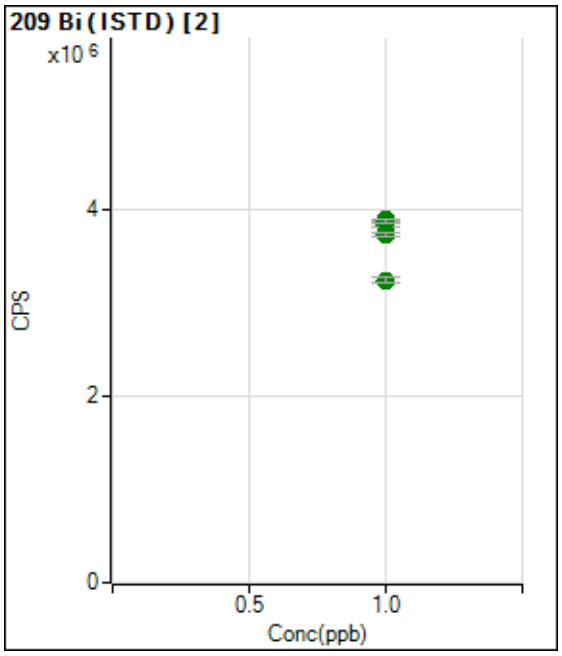
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		3655588.38		A	1.6
2	☐	1.0000		3640725.47		A	2.4
3	☐	1.0000		3625758.70		A	2.6
4	☐	1.0000		3561458.49		A	2.4
5	☐	1.0000		3260663.18		A	2.5
6	☐	1.0000					



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		702431.97		P	0.7
2	☐	1.0000		699237.08		P	1.2
3	☐	1.0000		709014.10		P	0.8
4	☐	1.0000		691398.43		P	0.6
5	☐	1.0000		629557.94		P	0.7
6	☐	1.0000					



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		13070385.22		A	2.6
2	☐	1.0000		12893438.56		A	2.7
3	☐	1.0000		12859513.14		A	2.7
4	☐	1.0000		12498143.56		A	2.6
5	☐	1.0000		10974948.17		A	2.5
6	☐	1.0000					



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		3882861.81		A	0.4
2	☐	1.0000		3829885.26		A	1.3
3	☐	1.0000		3873880.15		A	0.9
4	☐	1.0000		3728926.30		A	1.2
5	☐	1.0000		3240934.32		A	1.6
6	☐	1.0000					

QC Tune Report

Data File: C:\ICPMH\1\7500\QCTUNE.D
Date Acquired: 10 Jun 2022 11:25:56 am
Operator:
Misc Info:
Vial Number: 0
Current Method: C:\ICPMH\1\METHODS\2008TUNE.m

Minimum Response(CPS)

Element	Actual	Required	Flag

RSD (%)

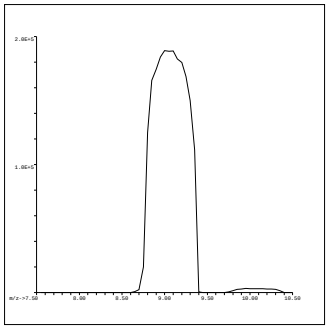
Element	Actual	Required	Flag
9 Be	0.53	5.00	
24 Mg	1.09	5.00	
25 Mg	1.42	5.00	
26 Mg	0.85	5.00	
59 Co	0.85	5.00	
115 In	0.90	5.00	
206 Pb	1.22	5.00	
207 Pb	0.81	5.00	
208 Pb	1.33	5.00	

Ion Ratio

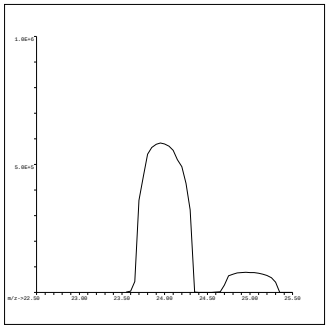
Element	Actual	Required	Flag

Maximum Bkg. Count(CPS)

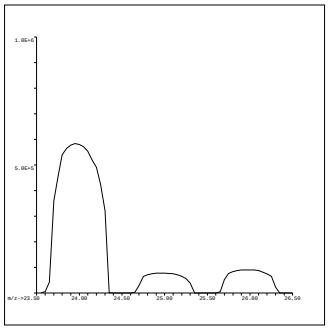
Element	Actual	Required	Flag



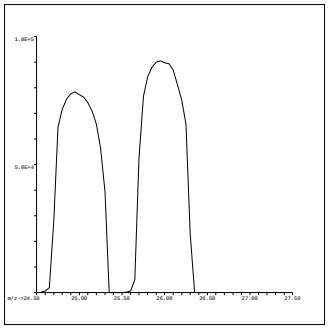
9 Be
Mass Calib.
   Actual: 9.05
   Required: 8.90-9.10
   Flag:
Peak Width
   Actual: 0.60
   Required: 0.80
   Flag:



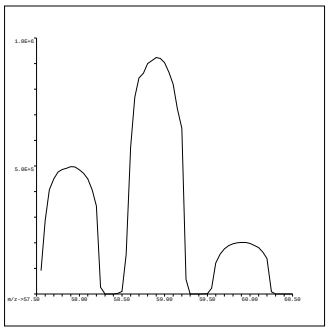
24 Mg
Mass Calib.
   Actual: 23.95
   Required: 23.90-24.10
   Flag:
Peak Width
   Actual: 0.65
   Required: 0.80
   Flag:



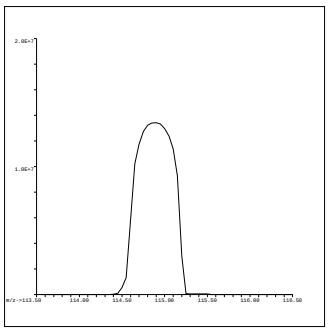
25 Mg
Mass Calib.
   Actual: 24.95
   Required: 24.90-25.10
   Flag:
Peak Width
   Actual: 0.60
   Required: 0.80
   Flag:



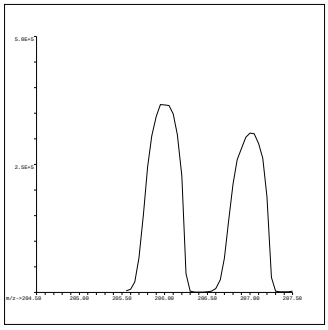
26 Mg
Mass Calib.
   Actual: 25.95
   Required: 25.90-26.10
   Flag:
Peak Width
   Actual: 0.65
   Required: 0.80
   Flag:



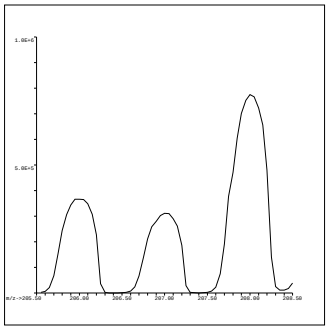
59 Co
Mass Calib.
   Actual: 58.90
   Required: 58.90-59.10
   Flag:
Peak Width
   Actual: 0.65
   Required: 0.80
   Flag:



115 In
Mass Calib.
   Actual: 114.90
   Required: 114.90-115.10
   Flag:
Peak Width
   Actual: 0.60
   Required: 0.80
   Flag:

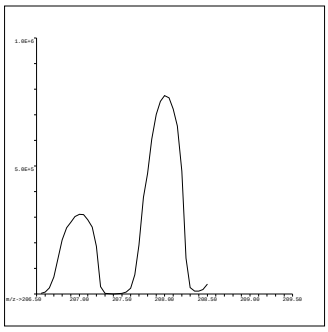


206 Pb
Mass Calib.
   Actual: 206.00
   Required: 205.90-206.10
   Flag:
Peak Width
   Actual: 0.60
   Required: 0.80
   Flag:



207 Pb
Mass Calib.
   Actual: 207.00
   Required: 206.90-207.10
   Flag:
Peak Width
   Actual: 0.60
   Required: 0.80
   Flag:

C:\ICPMH\1\7500\QCTUNE.D



208 Pb
Mass Calib.
   Actual: 208.00
   Required: 207.90-208.10
   Flag:
Peak Width
   Actual: 0.60
   Required: 0.80
   Flag:

QC Tune Result:Pass

Header Information for Analytical Sequence 22F14j00

Instrument: Agilent ICPMS Model 7700X; Serial No. JP09400112
Software Revision: B.01.01
Date of Analysis: 06/14/2022
Analyst: Jill Latelle

Calibration Standards

High Calibration Standard: ST220215-1 (expires 7/31/2022)
This standard contains the following elements at the listed concentrations (ng/ml).

100,000 - Na
50,000 - Ca, K
10,000 - Mg
5,000 - Fe, Al
3,000 - Ti
2,000 - Zn
1,000 - B, Cu, Li
500 - Cr, Ni, Sn
200 - Mn
100 - V, Co, As, Se, Mo, Ba, Sr
50 - Pb, Be
30 - Sb, Cd, La, Ce, Pr, Nd
20 - Y
10 - Th, U, Ag
2 - Tl

1/10, 1/100, and 1/1000 dilutions of the High Calibration Standard are prepared daily to provide additional calibration standards.

ICV

The ICV is prepared by diluting 10ml of the 2nd Source intermediate (ST220420-8, expires 04/30/2023) to 50ml giving the following concentrations (ng/ml).

20,000 - Na
10,000 - Ca, K
2,000 - Mg
1,000 - Fe, Al
400 - Zn, Ti
200 - B, Cu, Li
100 - Cr, Ni, Sn
60 - Nd
40 - Mn
20 - V, Co, As, Se, Mo, Ba, Sr
10 - Pb, Be
6 - Sb, Cd, La, Ce, Pr, Nd
4 - Y
2 - Th, U, Ag
0.4 - Tl

LIV

The LIV is prepared by diluting 0.05ml of the Reporting Limit Verification Spike Solution (ST220214-6 expires 7/31/2022) to 50ml giving the following concentrations (ng/ml).

100 - Na, Ca, K
20 - Ti
15 - B
10 - Al, Fe, Mg, Zn
2 - Cu, Li, Ni
1 - Cr, Se, Sn
0.5 - Ba, Co, Mn, Sr, V
0.2 - As, Cd, Mo, Pb
0.1 - Sb
0.05 - Ag, Be, Ce, La, Nd, Pr, Y
0.02 - Th
0.01- U, Tl

ICSA

The ICSA is prepared by diluting 0.5ml of ICSA intermediate (ST220110-9, expires 7/2/2024) to a final volume of 50ml giving the following concentrations (ng/ml).

42,500,000 - Cl
30,000 - Ca
25,000 - Fe, Na
20,000 - C
10,000 - Al, K, Mg, P, S
200 - Mo, Ti

ICSAB

The ICSAB is prepared by diluting 0.5ml of ICSA intermediate (ST220110-9, expires 7/2/2024) and 5ml of High Calibration Standard: ST220215-1 (expires 7/31/2022) to a final volume of 50ml. The ICSAB contains the following elements at the listed concentrations (ng/ml).

42,500,000 - Cl
35,000 - Ca, Na
25,500 - Fe
20,000 - C
15,000 - K
11,000 - Mg
10,500 - Al
10,000 - P, S
400 - Ti
210 - Mo
200 - Zn
100 - B, Cu, Li
50 - Cr, Ni, Sn
20 - Mn
10 - V, Co, As, Se, Ba, Sr
5 - Pb, Be
3 - Sb, Cd, La, Ce, Pr, Nd
2 - Y
1 - Th, U, Ag
0.2 - Tl

CCV

The CCV is prepared by diluting 5ml of the High Calibration Standard: ST220215-1 (expires 7/31/2022) to a final volume of 50ml. The CCV contains the following elements at the listed concentrations (ng/ml).

10,000 - Na
5,000 - Ca, K
1,000 - Mg
500 - Fe, Al
300 - Ti
200 - Zn
100 - B, Cu, Li
50 - Cr, Ni, Sn
20 - Mn
10 - V, Co, As, Se, Mo, Ba, Sr
5 - Pb, Be
3 - Sb, Cd, La, Ce, Pr, Nd
2 - Y
1 - Th, U, Ag
0.2 - Tl

Linear Dynamic Range Standards

The LDR standard is prepared by diluting 1ml of the High Calibration Standard Intermediate Mix (ST220214-8, expires 7/31/2022) to a final volume of 10ml. The LDR standard contains the following elements at the listed concentrations (ng/ml).

100,000 - Mg
50,000 - Fe, Al
30,000 - Ti
20,000 - Zn
10,000 - B, Cu, Li
5,000 - Cr, Ni, Sn
2,000 - Mn
1,000 - V, Co, As, Se, Mo, Ba, Sr
500 - Pb, Be
300 - Sb, Cd, La, Ce, Pr, Nd
200 – Y, U
100 - Th, Ag
20 - Tl

LDR-Ca,Na,K

1000 Na

The 1000 Na standard is prepared by diluting 1ml of the 10000mg/L Na stock solution (ST200919-1, expires 12/31/26) to a final volume of 10ml. The 1000 Na standard contains Na at 1000000 ng/ml.

500 Ca

The 500 Ca standard is prepared by diluting 0.5ml of the 10000mg/L Ca stock solution (ST1910025-5, expires 07/31/26) to a final volume of 10ml. The 500 Ca standard contains Ca at 500000 ng/ml.

500 K

The 500 K standard is prepared by diluting 0.5ml of the 10000mg/L K stock solution (ST191002-7, expires 12/31/25) to a final volume of 10ml. The 500 K standard contains K at 500000 ng/ml.

Linear Dynamic Range

The instrument Linear Dynamic Range (LDR) is determined once every six months. The instrument LDR is given below (ng/ml).

1,000,000 - Na
500,000 - Ca, K
100,000 - Mg
50,000 - Fe, Al
30,000 - Ti
20,000 - Zn
10,000 - B, Cu, Li
5,000 - Cr, Ni, Sn
2,000 - Mn
1,000 - V, Co, As, Se, Mo, Ba, Sr
500 - Pb, Be
300 - Sb, Cd, La, Ce, Pr, Nd
200 - Y, U
100 - Th, Ag
20 - Tl

ICB/CCB and all diluent

1% HNO_3, 1%HCl in double deionized water

HNO_3 Lot No. 197345
HCl Lot No. 212747

Internal Standards

The internal standard intermediate contains 1 PPM each of Ga, Ge, Pt, In, Rh, Bi and Sc. This intermediate is added to all standards and samples in the same proportion by a peristaltic pump.

Ga - ST190204-3, expires 09/30/2024
Ge – ST210225-2, expires 07/07/2024
Pt - ST190118-3, expires 04/30/2025
In - ST190118-7, expires 10/19/2022
Rh – ST210225-3, expires 11/22/2023
Bi - ST190118-1, expires 04/30/2025
Sc – ST210225-4, expires 01/11/2024

Pipet ID Numbers

1.0 to 5.0 ml -- M-07
0.1 to 1.0ml -- M-61
0.01 to 0.1ml -- M-57

Dilutions

2X dilutions made by diluting 5ml of sample to 10ml final volume
5X dilutions made by diluting 1ml of sample to 5ml final volume
10X dilutions made by diluting 1ml of sample to 10ml final volume
50X dilutions made by diluting 0.1ml of sample to 5ml final volume
100X dilutions made by diluting 0.1ml of sample to 10ml final volume
200X dilutions made by diluting 0.05ml of sample to 10ml final volume
500X dilutions made by diluting 0.02ml of sample to 10ml final volume

Analytical Spikes

2206255-1A and 2205638-40A were post spiked by diluting the High Calibration Standard (ST220215-1, expires 7/31/2022) and the Cation Spike (ST220426-2, expires 06/30/2023) 500 fold then ten-fold dilution of the sample digestates.

Daily Maintenance Items

1. Check / change pump tubing
2. Check / clean drain containers
3. Tune instrument per manufacturer's procedures
4. Perform resolution / mass calibration / stability test and print QC tune report

Monthly Maintenance Items

1. Check / clean torch and cones
2. Check / clean nebulizer and spray chamber
3. Check / fill water recirculating reservoir
4. Check / fill vacuum pump oil

Additional Comments

No additional comments.

Batch Summary Report

Batch Folder: C:\ICPMH\1\DATA\22F14j00.B\
Analysis File: 22F14j00.batch.xml
Tune Step: #1 nogas.u
#2 hehe.u

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
1		6/14/2022 08:57:45	001CALB_22F14i00.D	RINSE	CalBlk	1	1.0000
2		6/14/2022 09:00:44	002CALB_22F14i00.D	RINSE	CalBlk	1	1.0000
3		6/14/2022 09:03:42	003CALB_22F14i00.D	RINSE	CalBlk	1	1.0000
4		6/14/2022 09:06:41	004CALB_22F14i00.D	BLANK	CalBlk	1	1.0000
5		6/14/2022 09:09:41	005CALS_22F14i00.D	H/1000	CalStd	2	1.0000
6		6/14/2022 09:15:38	006CALS_22F14i00.D	H/100	CalStd	3	1.0000
7		6/14/2022 09:21:33	007CALS_22F14i00.D	H/10	CalStd	4	1.0000
8		6/14/2022 09:27:25	008CALS_22F14i00.D	HIGH	CalStd	5	1.0000
9		6/14/2022 09:41:48	001SMPL.D	RINSE	Sample		1.0000
10		6/14/2022 09:44:46	002SMPL.D	ICV	6-ICV		1.0000
11		6/14/2022 09:50:38	003SMPL.D	ICB	6-CCB		1.0000
12		6/14/2022 09:53:38	004SMPL.D	LIV	RLCV		1.0000
13		6/14/2022 09:56:37	005SMPL.D	ICSA	6-ICSA		1.0000
14		6/14/2022 10:02:30	006SMPL.D	ICSAB	6-ICSAB		1.0000
15		6/14/2022 10:08:20	0076CCV.D	CCV	6-CCV		1.0000
16		6/14/2022 10:14:15	0086CCB.D	CCB	6-CCB		1.0000
17		6/14/2022 10:17:13	0096CCB.D	IP220613-4MB 10X	6-CCB		1.0000
18		6/14/2022 10:20:11	010_LCS.D	IM220613-4LCS 10X	6-LCS		1.0000
19		6/14/2022 10:26:04	011SMPL.D	2206255-1 10X	Sample		1.0000
20		6/14/2022 10:29:01	012SMPL.D	2206255-1L 50X	Sample		1.0000
21		6/14/2022 10:31:57	013SMPL.D	2206255-1MS 10X	Sample		1.0000
22		6/14/2022 10:34:50	014SMPL.D	2206255-1MSD 10X	Sample		1.0000
23		6/14/2022 10:37:42	015SMPL.D	2206255-1A 10X	Sample		1.0000
24		6/14/2022 10:43:31	0166CCV.D	CCV	6-CCV		1.0000
25		6/14/2022 10:49:24	0176CCB.D	CCB	6-CCB		1.0000
26		6/14/2022 10:52:24	018SMPL.D	2206255-1MS 100X	Sample		1.0000
27		6/14/2022 10:55:22	019SMPL.D	2206255-1MSD 100X	Sample		1.0000

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
28		6/14/2022 10:58:19	020SMPL.D	2206255-1A 100X	Sample		1.0000
29		6/14/2022 11:04:10	0216CCV.D	CCV	6-CCV		1.0000
30		6/14/2022 11:10:03	0226CCB.D	CCB	6-CCB		1.0000
31		6/14/2022 11:13:04	023SMPL.D	2205638-9 10X	Sample		1.0000
32		6/14/2022 11:16:01	024SMPL.D	2205638-10 10X	Sample		1.0000
33		6/14/2022 11:18:56	025SMPL.D	2205638-11 10X	Sample		1.0000
34		6/14/2022 11:21:51	026SMPL.D	2205638-12 10X	Sample		1.0000
35		6/14/2022 11:24:45	027SMPL.D	2205638-13 10X	Sample		1.0000
36		6/14/2022 11:27:41	028SMPL.D	2205638-14 10X	Sample		1.0000
37		6/14/2022 11:30:36	029SMPL.D	2205638-15 10X	Sample		1.0000
38		6/14/2022 11:33:31	030SMPL.D	2205638-16 10X	Sample		1.0000
39		6/14/2022 11:36:29	031SMPL.D	2205638-17 10X	Sample		1.0000
40		6/14/2022 11:39:21	032SMPL.D	2205638-18 10X	Sample		1.0000
41		6/14/2022 11:45:14	0336CCV.D	CCV	6-CCV		1.0000
42		6/14/2022 11:51:07	0346CCB.D	CCB	6-CCB		1.0000
43		6/14/2022 11:54:05	035SMPL.D	2205638-19 10X	Sample		1.0000
44		6/14/2022 11:57:00	036SMPL.D	2205638-20 10X	Sample		1.0000
45		6/14/2022 11:59:54	037SMPL.D	2205638-21 10X	Sample		1.0000
46		6/14/2022 12:05:44	0386CCV.D	CCV	6-CCV		1.0000
47		6/14/2022 12:11:39	0396CCB.D	CCB	6-CCB		1.0000
48		6/14/2022 12:14:38	0406CCB.D	IP220610-2MB 10X	6-CCB		1.0000
49		6/14/2022 12:17:37	041_LCS.D	IM220610-2LCS 10X	6-LCS		1.0000
50		6/14/2022 12:23:30	042SMPL.D	2205638-22 10X	Sample		1.0000
51		6/14/2022 12:26:24	043SMPL.D	2205638-23 10X	Sample		1.0000
52		6/14/2022 12:29:17	044SMPL.D	2205638-24 10X	Sample		1.0000
53		6/14/2022 12:32:13	045SMPL.D	2205638-25 10X	Sample		1.0000
54		6/14/2022 12:35:07	046SMPL.D	2205638-26 10X	Sample		1.0000
55		6/14/2022 12:38:03	047SMPL.D	2205638-27 10X	Sample		1.0000
56		6/14/2022 12:40:59	048SMPL.D	2205638-28 10X	Sample		1.0000
57		6/14/2022 12:43:54	049SMPL.D	2205638-29 10X	Sample		1.0000
58		6/14/2022 12:49:46	0506CCV.D	CCV	6-CCV		1.0000
59		6/14/2022 12:55:40	0516CCB.D	CCB	6-CCB		1.0000
60		6/14/2022 12:58:39	052SMPL.D	2205638-30 10X	Sample		1.0000

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
61		6/14/2022 13:01:32	053SMPL.D	2205638-31 10X	Sample		1.0000
62		6/14/2022 13:04:25	054SMPL.D	2205638-31 100X	Sample		1.0000
63		6/14/2022 13:07:23	055SMPL.D	2205638-32 10X	Sample		1.0000
64		6/14/2022 13:10:17	056SMPL.D	2205638-33 10X	Sample		1.0000
65		6/14/2022 13:13:13	057SMPL.D	2205638-34 10X	Sample		1.0000
66		6/14/2022 13:16:08	058SMPL.D	2205638-35 10X	Sample		1.0000
67		6/14/2022 13:19:03	059SMPL.D	2205638-36 10X	Sample		1.0000
68		6/14/2022 13:21:57	060SMPL.D	2205638-36 100X	Sample		1.0000
69		6/14/2022 13:24:56	061SMPL.D	2205638-30 100X	Sample		1.0000
70		6/14/2022 13:30:50	0626CCV.D	CCV	6-CCV		1.0000
71		6/14/2022 13:36:43	0636CCB.D	CCB	6-CCB		1.0000
72		6/14/2022 13:39:42	064SMPL.D	2205638-37 10X	Sample		1.0000
73		6/14/2022 13:42:34	065SMPL.D	2205638-37 100X	Sample		1.0000
74		6/14/2022 13:45:31	066SMPL.D	2205638-38 10X	Sample		1.0000
75		6/14/2022 13:48:27	067SMPL.D	2205638-39 10X	Sample		1.0000
76		6/14/2022 13:51:22	068SMPL.D	2205638-40 10X	Sample		1.0000
77		6/14/2022 13:54:16	069SMPL.D	2205638-40 100X	Sample		1.0000
78		6/14/2022 13:57:15	070SMPL.D	2205638-40L 50X	Sample		1.0000
79		6/14/2022 14:00:12	071SMPL.D	2205638-40L 500X	Sample		1.0000
80		6/14/2022 14:03:13	072SMPL.D	2205638-40MS 10X	Sample		1.0000
81		6/14/2022 14:06:03	073SMPL.D	2205638-40MS 100X	Sample		1.0000
82		6/14/2022 14:11:57	0746CCV.D	CCV	6-CCV		1.0000
83		6/14/2022 14:17:50	0756CCB.D	CCB	6-CCB		1.0000
84		6/14/2022 14:20:48	076SMPL.D	2205638-40MSD 10X	Sample		1.0000
85		6/14/2022 14:23:39	077SMPL.D	2205638-40MSD 100X	Sample		1.0000
86		6/14/2022 14:26:36	078SMPL.D	2205638-40A 10X	Sample		1.0000
87		6/14/2022 14:32:24	079SMPL.D	2205638-40A 100X	Sample		1.0000
88		6/14/2022 14:38:15	0806CCV.D	CCV	6-CCV		1.0000
89		6/14/2022 14:44:09	0816CCB.D	CCB	6-CCB		1.0000
90	On	6/14/2022 14:47:07	0826CCB.D	ZZZ	Sample		1.0000
91		6/14/2022 14:50:05	083SMPL.D	RINSE	Sample		1.0000
92		6/14/2022 14:53:06	084SMPL.D	RINSE	Sample		1.0000

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0171	3252.34	0.0026	95.33	0.0302	8715.66	-0.2121	7772.14	-0.0795	43.33
2	RINSE	0.0148	3064.97	0.0008	50.67	0.0745	9649.50	0.3148	8339.13	-0.1086	40.00
3	RINSE	0.0127	3018.29	0.0010	58.00	0.0633	9790.69	0.1856	8485.88	-0.2717	20.00
4	BLANK	0.0000	1799.45	0.0000	31.33	0.0000	7969.74	0.0000	7825.50	0.0000	53.33
5	H/1000	0.9618	85205.10	0.0495	1305.40	1.0055	29608.07	109.1331	101797.43	11.0849	1486.80
6	H/100	9.6780	837826.52	0.5030	12913.60	8.9770	197410.72	1006.5759	875177.54	104.5881	13656.23
7	H/10	105.5212	8909613.00	5.0063	125369.69	100.7132	2040599.85	10497.4501	8805298.62	1017.2315	127998.35
8	HIGH	999.4511	84791733.33	49.9993	1257448.42	999.9389	18621042.59	99950.1801	82419568.77	9998.2299	1223839.80
9	RINSE	0.1235	11197.75	0.0000	30.00	0.4485	16093.28	2.4331	9546.44	-0.0326	46.67
10	ICV	213.2182	17043664.00	9.8294	232921.02	197.4970	3797333.32	21163.8944	17013342.25	1963.3191	237084.24
11	ICB	0.0719	7093.53	-0.0007	13.33	0.7864	22240.23	1.2673	8142.33	0.0361	53.33
12	LIV	2.0238	164362.89	0.0522	1274.73	13.6844	282268.53	105.3405	91823.20	10.1803	1296.77
13	ICSA	0.1054	10100.39	0.0003	37.33	1.0618	26837.96	26375.6595	20540770.11	9819.8678	1142203.60
14	ICSAB	104.6712	8125947.17	4.8540	111728.28	102.2633	1860261.46	35984.9119	27599552.92	11063.9307	1255702.79
15	CCV	103.7437	8358133.00	4.8582	116031.87	98.2814	1909157.91	10492.0022	8512738.41	985.0450	121214.83
16	CCB	0.0454	5442.91	-0.0007	14.67	0.3159	14497.38	0.5096	8219.01	0.2884	90.01
17	IP220613-4MB ...	0.0655	6467.28	-0.0008	10.67	0.2347	11695.24	1.4177	8585.87	1.0162	173.34
18	IM220613-4LCS...	107.1465	8640208.00	5.0752	121348.78	186.0062	3685784.72	1005.4008	842668.61	971.9120	120138.45
19	2206255-1 10X	6.4274	519332.04	0.3310	7936.57	6.8895	137560.73	919.4699	762245.07	10368.0236	1279642.64
20	2206255-1L 50X	1.3322	111764.33	0.0661	1648.76	1.7506	42795.82	188.2820	160515.42	2043.7646	254864.37
21	2206255-1MS 10X	114.6262	9440209.33	5.3781	131336.10	160.1757	3059421.61	2128.9709	1767047.37	10427.1104	1314832.53
22	2206255-1MSD ...	111.8800	9205347.33	5.2435	127926.19	165.8123	3111025.71	2112.3325	1714293.88	10547.2790	1312173.36
23	2206255-1A 10X	136.5114	11356933.00	5.1506	127095.83	115.5814	2203500.26	3174.9683	2592287.72	13284.2127	1650232.58
24	CCV	104.5237	8967232.33	4.9240	125278.22	100.0994	2029318.74	10592.0968	8871837.79	1025.6451	128365.29
25	CCB	0.0636	7076.86	-0.0003	25.33	0.4916	18046.41	0.8828	8459.17	0.1363	70.00
26	2206255-1MS 1...	12.0240	1000103.39	0.5432	13393.99	13.9808	289556.48	197.0445	168535.95	1054.7844	131563.28
27	2206255-1MSD ...	12.1737	993568.61	0.5474	13262.53	14.9524	303338.07	197.8251	169219.93	1017.5904	127205.07
28	2206255-1A 100X	133.9874	11079237.00	5.0172	123044.69	101.3182	2006209.85	2303.1787	1868975.75	3946.8263	486700.10
29	CCV	107.2462	8735196.33	4.9874	120436.36	99.8506	1948760.75	10656.9050	8686138.00	1028.1971	125785.10
30	CCB	0.0570	6251.21	-0.0006	16.67	0.4221	15969.80	0.9736	8182.36	0.2725	83.34
31	2205638-9 10X	10.1803	811858.00	1.0970	25917.02	6.1586	123350.66	128.4112	112515.70	4185.1082	535164.58

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2205638-10 10X	13.5581	1106336.88	0.7645	18494.72	9.5704	188261.61	203.1988	175154.40	4713.4065	597186.14
33	2205638-11 10X	14.1124	1136030.08	0.8202	19570.60	8.4233	163683.82	218.9338	185125.74	4415.6244	562236.04
34	2205638-12 10X	10.0277	791081.83	0.9378	21918.81	7.5897	149414.91	136.0428	118489.06	3483.7251	439835.66
35	2205638-13 10X	9.7130	763850.94	0.9796	22827.30	7.5420	145516.71	128.3333	109810.01	3019.5414	374269.08
36	2205638-14 10X	9.4899	747779.12	0.8579	20029.75	7.1805	141942.03	140.0259	121353.25	3639.3733	460349.71
37	2205638-15 10X	12.9771	1053241.12	0.9677	23270.53	6.4087	129287.05	147.4582	131698.15	4355.3288	564329.81
38	2205638-16 10X	9.7813	788298.46	0.7511	17936.78	7.7085	155637.62	136.0581	120382.42	2911.4909	373581.23
39	2205638-17 10X	13.3869	1089228.58	0.8112	19574.59	8.7335	173411.59	147.3252	130460.64	3053.7438	395534.16
40	2205638-18 10X	9.8994	789612.29	1.0146	23972.87	8.1362	161246.90	157.0411	137644.27	3569.7934	462591.62
41	CCV	102.6445	8360332.67	4.7659	115093.08	94.2463	1874934.99	10436.4809	8593993.41	999.8457	124778.82
42	CCB	0.0397	4804.71	-0.0006	16.67	0.2592	12759.35	0.1589	7618.74	0.1546	70.00
43	2205638-19 10X	9.8316	830406.73	0.9738	24355.33	9.0683	186017.82	146.8539	135036.87	3423.8198	455017.13
44	2205638-20 10X	9.9858	819337.27	1.0028	24376.06	9.8400	196435.49	154.2691	137277.94	3718.5154	485957.18
45	2205638-21 10X	12.1953	1017038.52	1.1607	28678.70	7.2142	148693.73	142.9130	131972.87	4298.7031	580722.40
46	CCV	103.1577	8468076.67	4.7961	116751.74	96.1815	1911358.19	10591.1364	8790162.99	1009.8811	127031.00
47	CCB	0.0347	4658.01	-0.0006	17.33	0.2492	13187.44	0.5043	8168.96	0.1853	76.67
48	IP220610-2MB ...	0.0508	5883.07	-0.0007	14.00	0.1351	10787.97	0.5308	8312.46	0.4289	106.67
49	IM220610-2LCS...	106.3355	8830719.00	4.9711	122426.35	187.0879	3776626.66	1025.1355	857108.61	959.1974	120949.88
50	2205638-22 10X	13.6131	1156025.46	1.1901	29980.21	7.2425	149981.45	154.1733	144525.38	3699.5951	512992.18
51	2205638-23 10X	13.3462	1104748.96	1.2137	29771.89	8.4207	168436.65	164.8219	147370.95	4736.4603	633267.77
52	2205638-24 10X	8.9847	723541.08	0.7865	18761.02	7.0785	142217.67	99.4460	89731.84	3720.5667	476297.88
53	2205638-25 10X	8.9110	697161.83	0.7611	17636.51	5.4874	109928.89	99.1972	88162.70	3556.0234	449193.18
54	2205638-26 10X	8.9329	716554.52	0.7754	18423.30	6.1765	126159.05	104.5664	92339.89	3690.3560	468740.24
55	2205638-27 10X	10.1197	815649.73	0.8017	19144.12	6.0456	121813.84	138.8584	112240.08	3950.2834	463090.85
56	2205638-28 10X	10.7417	815033.44	0.8371	18824.40	5.6504	107111.10	139.4106	113139.34	4321.0382	511209.33
57	2205638-29 10X	10.8916	817961.75	0.8738	19448.41	7.1181	131805.95	135.9543	110045.20	4583.9553	535532.23
58	CCV	100.8272	7784936.50	4.7380	108472.78	97.0389	1822038.96	10448.5947	7950943.42	994.7887	113707.12
59	CCB	0.0371	4125.86	-0.0006	14.00	0.3227	12474.68	0.5982	6925.04	-0.2356	20.00
60	2205638-30 10X	14.5809	1154856.83	0.9399	22066.25	10.8324	203247.56	497.8884	405243.30	5968.6358	734188.48
61	2205638-31 10X	13.9198	1058574.37	1.0210	23010.83	9.6188	178416.54	341.8952	278368.30	5639.2207	687491.73
62	2205638-31 100X	1.2890	92706.04	0.1086	2306.17	1.4005	31675.11	37.6903	34416.57	622.2950	68802.10

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	2205638-32 10X	9.8386	751684.52	0.9823	22223.15	8.9353	168500.42	194.8312	160590.16	3554.3662	435732.08
64	2205638-33 10X	13.6764	1076186.16	1.1989	27950.85	6.0514	116490.83	163.3188	138422.98	3375.9932	419749.55
65	2205638-34 10X	8.2037	635461.65	0.7300	16754.28	7.0845	135437.93	133.2672	111769.32	4030.9134	484489.55
66	2205638-35 10X	9.3842	729220.21	0.7899	18188.41	5.6656	110369.55	118.0288	100308.04	4093.5081	496084.41
67	2205638-36 10X	16.1423	1264297.17	1.1999	27856.00	8.0214	152110.50	318.8566	255917.35	4287.4337	526606.68
68	2205638-36 100X	1.4342	102442.81	0.1163	2450.20	1.1296	26875.73	31.8584	29597.21	461.4847	49965.51
69	2205638-30 100X	1.2829	92615.51	0.0947	2021.47	1.1579	27471.14	51.6334	44433.81	631.2375	69374.18
70	CCV	103.2116	7726943.00	4.7757	106008.29	97.6984	1808082.15	10451.5564	7886944.26	1005.8008	114995.61
71	CCB	0.0322	3745.79	-0.0003	20.00	0.3178	12385.74	1.5425	7575.39	-0.1099	33.33
72	2205638-37 10X	15.6293	1232056.38	1.0520	24589.67	9.2130	176796.98	514.8260	416503.24	4676.6056	571851.24
73	2205638-37 100X	1.4227	105607.11	0.1082	2374.18	1.3904	32479.91	52.4505	45760.29	501.2711	56128.57
74	2205638-38 10X	7.1421	547413.77	0.6370	14459.49	4.4270	87626.06	89.5567	76636.32	2464.3266	298002.55
75	2205638-39 10X	9.4100	716520.56	0.8298	18720.96	4.6744	91253.63	108.4913	91802.97	2943.5099	354693.47
76	2205638-40 10X	13.7902	1054216.29	0.7956	18036.87	7.1385	134291.70	1013.5810	804444.08	6106.1150	732460.85
77	2205638-40 100X	1.1952	87237.41	0.0775	1675.43	0.9982	24757.06	101.1188	81693.94	615.5317	68199.36
78	2205638-40L 50X	2.4029	178176.57	0.1618	3551.73	1.3887	32378.70	210.2268	163674.86	1263.7311	142439.75
79	2205638-40L 5...	0.2810	20745.41	0.0175	382.01	0.1861	9987.49	22.0387	21845.07	140.3649	14593.72
80	2205638-40MS ...	110.7767	8524036.00	5.3376	121798.11	131.7028	2373568.86	2147.1545	1677065.18	7090.2260	850356.94
81	2205638-40MS ...	10.3429	734557.81	0.5574	11736.09	18.4216	329416.87	208.5067	155640.79	770.5436	84825.17
82	CCV	100.8599	8071341.67	4.7218	112031.55	93.8703	1865758.47	10404.1822	7926794.67	982.4130	112781.14
83	CCB	0.0405	4317.91	-0.0006	15.33	0.4479	14700.91	1.5377	7698.74	0.0188	46.67
84	2205638-40MSD...	112.1161	8863622.00	5.3712	125881.84	133.7905	2471951.43	2159.4813	1723541.90	7100.4851	876916.52
85	2205638-40MSD...	10.3558	743797.85	0.5581	11890.87	18.2680	329741.20	198.3399	154920.50	730.0260	82238.55
86	2205638-40A 10X	136.9584	10215239.33	5.3291	117853.18	104.8782	1854824.65	3111.4417	2438273.87	8672.8369	1027597.28
87	2205638-40A 1...	126.5839	9504879.67	4.7434	105597.50	94.8974	1757155.73	2223.0723	1709118.15	3482.0386	403932.79
88	CCV	102.7004	7676727.50	4.7508	105315.66	95.4322	1772186.67	10528.4660	8065507.38	1003.3010	116036.29
89	CCB	0.0527	5176.83	-0.0006	14.00	0.4884	15568.34	1.0136	7428.65	1.2570	180.14
90	ZZZ										
91	RINSE	0.0820	7044.18	-0.0009	8.00	0.1900	10015.23	2.4107	8382.46	-0.0756	36.67
92	RINSE	0.0735	6489.28	-0.0008	10.00	0.1229	8921.32	2.5100	8492.53	0.0259	46.67

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0139	240.01	1.5927	6194.75	1.4623	126.76	0.5619	136.68	0.0306	453.68
2	RINSE	-0.1080	193.34	2.7250	6541.57	1.4613	127.94	0.4637	116.67	0.0199	364.01
3	RINSE	-0.1366	186.68	0.5915	6208.18	-0.1990	88.47	0.2950	80.00	0.0155	335.67
4	BLANK	0.0000	230.01	0.0000	5908.00	0.0000	91.36	0.0000	10.00	0.0000	189.00
5	H/1000	5.8467	2673.67	57.8235	21024.16	57.9669	1642.22	3.7481	873.41	0.1105	1225.05
6	H/100	51.2682	21661.47	494.8540	133087.03	485.5960	13010.65	29.7794	6891.75	0.9324	8847.05
7	H/10	508.2670	206862.34	4957.0800	1223995.61	4769.9136	121626.54	302.8540	68101.87	9.3548	83332.12
8	HIGH	4999.1598	1999694.81	50004.3356	11289655.25	50023.1447	1170623.48	2999.7161	663657.57	100.0652	816846.67
9	RINSE	-0.1196	176.67	2.9281	6328.14	2.5873	150.19	0.4352	103.34	0.0154	311.33
10	ICV	1006.2660	392451.75	9768.8677	2315430.44	9347.4697	229239.54	400.0151	86239.47	18.6300	159494.97
11	ICB	-0.1504	156.68	1.6050	5931.33	2.4395	144.79	0.3179	73.33	0.0011	187.33
12	LIV	10.4161	4264.08	99.0074	30081.70	112.5779	2946.42	20.5739	4424.14	0.4851	4479.29
13	ICSA	9790.1802	3697332.76	10021.7215	2261910.28	27914.3183	651790.78	197.4261	41239.24	0.0233	362.34
14	ICSAB	10179.3437	3786775.57	14914.8758	3290578.07	32616.9322	745036.59	496.7866	102212.10	9.6280	76865.30
15	CCV	512.4450	201738.96	4925.8728	1188434.59	4728.0828	117785.92	299.4153	65119.32	9.2297	80327.49
16	CCB	-0.1739	160.01	-1.3538	5651.22	2.5277	157.94	0.0894	30.00	0.0001	192.33
17	IP220613-4MB ...	0.4527	393.36	1.5312	6151.39	9.8952	337.14	0.1289	36.67	0.0037	217.00
18	IM220613-4LCS...	488.0223	196790.07	485.7341	125335.74	960.3040	24576.59	194.4520	43324.89	9.0459	80637.64
19	2206255-1 10X	3554.7662	1415120.92	1236.8841	295972.94	45421.5128	1105648.86	50.1312	11044.25	21.4714	182460.20
20	2206255-1L 50X	716.7639	282391.59	244.7102	65413.15	8879.2478	224246.23	9.9594	2176.91	4.1612	36826.05
21	2206255-1MS 10X	5029.3998	2016196.32	1844.8885	439896.74	44079.7938	1075928.44	151.4584	33585.22	37.2376	317165.74
22	2206255-1MSD ...	4996.6765	1958559.92	1795.4836	422934.20	44198.3802	1065398.10	149.5350	32419.40	37.1115	312172.37
23	2206255-1A 10X	4126.6745	1629676.23	3225.2865	762656.84	47826.0015	1164051.44	353.8759	77285.07	31.3444	266248.71
24	CCV	515.9246	209663.43	4887.5422	1210370.66	4729.8729	120957.77	301.1618	67626.62	9.3147	83207.45
25	CCB	-0.0875	193.34	1.7178	6364.89	3.7198	187.31	0.2145	56.67	0.0001	190.67
26	2206255-1MS 1...	506.7534	200811.23	168.4545	47331.80	4284.8072	109395.90	15.7120	3450.53	3.5461	31737.30
27	2206255-1MSD ...	510.1171	202216.59	177.2844	49180.69	4231.8448	107307.60	15.4031	3383.84	3.5785	31812.40
28	2206255-1A 100X	881.2545	345687.17	2045.9839	499290.72	6330.7240	158423.06	308.0361	66799.16	11.3026	98779.94
29	CCV	517.2295	204549.50	4978.2581	1191551.47	4751.7505	117454.49	302.7930	66160.31	9.3809	80998.43
30	CCB	-0.1809	150.01	-0.0684	5691.21	0.7778	107.39	0.1608	43.33	0.0007	188.67
31	2205638-9 10X	8263.6835	3270919.85	3105.3717	725892.54	10593.9566	254893.29	110.0003	24091.84	26.3717	221422.79

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2205638-10 10X	8002.4670	3196126.52	2422.8915	569084.51	21156.7609	510299.07	47.5607	10514.23	33.8294	284738.44
33	2205638-11 10X	7750.7121	3047726.10	2320.9726	544969.52	23033.3235	555113.90	56.6098	12318.47	31.9051	268329.53
34	2205638-12 10X	7796.6564	3079296.10	3216.8268	752171.26	11144.0242	268268.57	92.4928	20219.83	34.8048	292316.09
35	2205638-13 10X	7732.6662	2988702.45	2701.4214	614573.07	15452.5300	361414.72	82.4444	17630.05	40.8656	333460.56
36	2205638-14 10X	7822.9327	3081209.64	3091.4383	725473.35	9800.6938	236729.97	80.5719	17563.39	29.0699	244995.97
37	2205638-15 10X	8620.8709	3509470.36	2534.5129	603621.50	9704.1788	237448.75	76.6161	17256.35	32.7306	279446.31
38	2205638-16 10X	7795.1682	3128146.20	2248.8106	546539.11	11653.7205	290692.47	68.5707	15220.98	32.0575	279015.92
39	2205638-17 10X	8259.7617	3333746.41	2362.7474	562237.92	12338.8734	301467.01	57.8505	12922.30	35.5776	303268.09
40	2205638-18 10X	8328.2018	3339282.56	3614.0611	862257.15	9859.9708	242412.31	113.0135	25073.23	34.7468	298036.05
41	CCV	510.3540	203903.64	4893.8876	1202825.50	4600.5845	116777.82	301.2446	66488.23	9.2382	81903.97
42	CCB	-0.0192	213.35	-0.7958	5577.86	3.0130	164.52	0.0796	26.67	-0.0015	171.33
43	2205638-19 10X	7889.3654	3305655.99	4013.4726	976881.99	10431.3443	261790.84	102.9465	23844.71	33.0054	288992.92
44	2205638-20 10X	7830.6263	3184684.75	4141.2975	984231.05	11359.5488	278417.85	108.3639	24382.34	34.0214	290927.49
45	2205638-21 10X	8652.3665	3634786.09	3089.6620	754477.72	11562.5879	290605.68	149.8465	34820.97	36.7019	321811.45
46	CCV	506.8621	204110.18	4905.4747	1210543.73	4666.2619	118905.67	302.9663	67405.48	9.2704	82520.53
47	CCB	0.1210	276.68	0.7027	6151.43	3.6809	187.58	0.1365	40.00	-0.0013	179.33
48	IP220610-2MB ...	0.3835	386.69	0.5865	6228.12	3.1640	177.04	0.1195	36.67	0.0037	228.67
49	IM220610-2LCS...	498.2449	200407.67	482.1774	127422.54	941.4648	24664.22	201.6312	44815.23	9.0227	82342.85
50	2205638-22 10X	8822.6607	3779605.05	3098.0197	773015.62	10228.9332	262709.96	143.5137	34009.69	39.1135	350445.12
51	2205638-23 10X	8749.4854	3588172.97	3174.9677	774351.34	12727.4589	319520.46	110.6016	25089.96	35.3893	309990.26
52	2205638-24 10X	7906.1460	3159399.54	3083.5692	738885.40	9669.0787	238480.44	69.6042	15384.53	27.6615	238040.37
53	2205638-25 10X	7432.3956	2924689.43	2925.1454	691771.06	10423.7301	253608.87	66.9266	14573.70	25.9786	220549.82
54	2205638-26 10X	7666.5941	3011360.37	3191.1255	749759.62	10097.0624	244274.57	74.6321	16222.01	27.6017	232974.31
55	2205638-27 10X	8144.0590	2989306.21	2256.6879	497533.56	9589.1193	216985.99	62.2678	12648.71	27.0278	213398.05
56	2205638-28 10X	8397.0588	3095119.43	2214.3374	483481.63	10048.7949	225144.41	60.1671	12275.22	26.6511	208360.42
57	2205638-29 10X	8553.1228	3139366.20	2435.3561	534594.08	10521.7403	237217.86	53.4833	10864.43	28.0591	220746.92
58	CCV	505.0875	186486.66	4807.3308	1101356.34	4614.4945	109153.44	298.4260	60866.88	9.0798	75032.75
59	CCB	0.0739	216.68	1.3522	5341.09	3.9473	164.33	0.1905	43.33	-0.0009	154.67
60	2205638-30 10X	8002.8672	3100445.79	3628.0069	830768.30	12584.9617	296937.18	65.0555	13943.14	40.7731	335607.95
61	2205638-31 10X	7899.8201	3035984.95	2696.9783	600159.35	30720.3245	702676.90	89.7186	19078.49	34.7877	277666.68
62	2205638-31 100X	872.0642	308766.31	271.8714	65443.29	3113.8583	71511.14	8.9842	1766.85	3.4395	27687.37

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	2205638-32 10X	8011.3673	3054847.45	3128.0296	711263.40	10251.2749	239953.64	108.0247	22789.81	35.8301	292572.99
64	2205638-33 10X	8341.1622	3240833.39	2921.1490	658247.71	8845.7182	205094.82	102.6445	22075.51	33.7985	273362.24
65	2205638-34 10X	7140.7816	2712308.92	3217.6753	724934.16	11058.4994	256512.53	84.7443	17793.63	27.8090	225092.67
66	2205638-35 10X	7896.8365	3013561.62	2239.6411	508317.46	10024.2427	233485.12	69.5089	14677.06	24.9744	203002.33
67	2205638-36 10X	10707.6892	4048326.81	2654.5358	589043.79	23042.2397	525506.72	64.5302	13499.47	39.7782	316507.62
68	2205638-36 100X	1106.5315	384516.37	245.4935	58550.89	2173.1073	49037.81	6.9527	1343.46	3.7311	29486.49
69	2205638-30 100X	828.0374	292188.69	357.0410	82475.59	1268.2706	28548.96	7.2413	1420.13	3.9857	31370.56
70	CCV	508.2368	186040.77	4817.4170	1090185.17	4648.8407	108621.84	299.5359	60588.83	9.2189	75248.65
71	CCB	-0.0350	180.01	2.9192	5644.54	1.5301	111.45	0.0630	20.00	-0.0032	137.00
72	2205638-37 10X	9998.3489	3853007.13	2980.9460	673277.75	13631.4062	316761.88	70.9844	15141.08	40.3911	327461.74
73	2205638-37 100X	1049.5814	376377.61	286.6190	69573.17	1302.2327	30328.79	7.9054	1576.82	3.8957	31731.92
74	2205638-38 10X	7334.7106	2753184.23	2622.8454	593026.54	7473.2109	173688.98	86.1663	17890.48	22.7643	184617.31
75	2205638-39 10X	8415.6546	3176676.72	2211.3289	495986.48	7039.6300	162050.92	88.8168	18547.89	24.2406	194683.94
76	2205638-40 10X	7516.6080	2867165.27	2736.2279	616626.75	12173.0699	282065.90	64.1488	13542.70	33.8291	273494.64
77	2205638-40 100X	755.9307	271054.46	266.3806	63820.27	1156.8974	26451.98	5.4898	1096.76	3.2397	25924.56
78	2205638-40L 50X	1554.5817	562036.58	541.8736	125525.82	2458.6084	56638.49	13.5211	2710.34	6.6843	53799.70
79	2205638-40L 5...	170.2794	57419.52	55.6271	16956.04	255.9000	5732.33	1.5814	303.35	0.6878	5464.59
80	2205638-40MS ...	9052.0688	3414400.68	3272.9009	730600.51	12934.6787	297291.53	132.3326	27617.38	44.5334	357075.16
81	2205638-40MS ...	971.7891	336681.53	332.6809	77936.59	1320.1581	29992.52	13.0565	2510.30	4.4982	35717.99
82	CCV	497.5217	183921.67	4863.2307	1094698.68	4673.6963	108634.33	300.0331	61281.49	9.1362	74181.61
83	CCB	0.0249	203.34	3.7417	5867.98	2.6740	137.04	0.0079	10.00	-0.0008	156.33
84	2205638-40MSD...	9154.0191	3528809.22	3294.0552	758127.44	13107.4105	310616.92	134.7818	28742.65	45.3928	375273.07
85	2205638-40MSD...	934.4023	338098.83	317.0320	76484.01	1276.4652	29771.81	14.3462	2877.08	4.3823	35720.63
86	2205638-40A 10X	7823.4136	2965326.62	4587.7292	1016708.71	13586.2901	310646.72	340.8536	71441.97	42.4940	338967.30
87	2205638-40A 1...	1306.1834	485285.91	2119.5583	488948.86	3016.1186	71418.92	297.9612	61198.11	12.3304	101895.83
88	CCV	500.5111	186035.38	4874.6783	1114953.14	4643.4748	109664.02	297.8477	61168.13	9.1808	75747.18
89	CCB	0.0293	206.67	2.0027	5594.53	2.1284	127.40	0.0254	13.33	-0.0013	155.00
90	ZZZ										
91	RINSE	-0.0310	186.68	3.1461	5721.22	3.0221	144.42	0.1136	30.00	0.0122	254.67
92	RINSE	0.1824	260.02	5.7350	6274.77	2.5396	133.79	0.0254	13.33	0.0131	262.33

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0294	603.36	0.0208	532.24	1.1424	21291.33	0.0034	130.00	0.0128	118.89
2	RINSE	0.0222	533.35	-0.0013	368.90	0.1519	10106.94	0.0015	94.45	0.0031	70.00
3	RINSE	0.0120	437.79	-0.0018	376.68	0.0923	9716.70	0.0025	116.67	0.0056	85.55
4	BLANK	0.0000	297.79	0.0000	367.79	0.0000	8399.21	0.0000	66.67	0.0000	54.45
5	H/1000	0.5092	6028.21	0.2628	2438.00	5.6371	76914.40	0.1058	2135.73	0.4970	2742.50
6	H/100	4.9777	56044.58	2.1343	17140.20	51.2687	627037.67	1.0667	21051.42	5.1302	27708.98
7	H/10	49.6413	532785.69	20.7645	158997.55	499.1849	5775780.54	10.4785	199434.80	50.7590	262155.84
8	HIGH	500.0361	4925891.75	199.9221	1502749.53	5000.0682	53056004.21	99.9515	1850234.03	499.9228	2370708.31
9	RINSE	0.0143	431.12	0.0034	381.12	-0.0233	7755.50	0.0007	76.67	0.0090	96.67
10	ICV	100.3648	1036128.61	40.6408	298029.20	956.7587	10643856.09	20.9760	383186.50	97.7371	485649.09
11	ICB	0.0026	306.67	-0.0006	333.34	-0.0690	7151.89	0.0002	65.55	-0.0025	38.89
12	LIV	0.9891	10858.13	0.5851	4620.73	10.5497	129675.35	0.5379	10006.52	2.0052	10363.41
13	ICSA	0.2303	2535.79	0.8339	6264.60	24257.9074	2.56792E+08	0.0574	1073.39	0.0506	288.90
14	ICSAB	50.4306	485136.35	21.4411	150223.27	24390.6825	2.52591E+08	10.4489	179456.58	50.2578	232663.26
15	CCV	48.9135	512916.66	20.8917	154736.55	491.8704	5560344.08	10.3036	191789.10	49.9835	252233.58
16	CCB	0.0001	303.34	-0.0039	336.68	0.0470	9069.60	0.0000	66.67	-0.0035	36.67
17	IP220613-4MB ...	0.0330	638.91	0.0233	517.79	0.5547	14513.73	0.0021	103.33	0.0123	115.56
18	IM220613-4LCS...	49.5752	532412.48	10.2097	77639.54	480.5054	5563451.58	10.5589	197408.10	49.4720	255683.10
19	2206255-1 10X	8.2790	85106.34	1979.2512	14804084.41	10911.8892	1.20426E+08	8.0409	150169.04	31.9011	157395.32
20	2206255-1L 50X	1.6132	17440.51	425.0680	3144435.92	2160.5818	24739027.13	1.6220	30655.51	6.3574	32578.07
21	2206255-1MS 10X	60.5147	622002.16	2870.9334	21624926.36	12689.8327	1.40441E+08	19.1233	364809.71	93.2661	461357.93
22	2206255-1MSD ...	60.2421	611525.67	2604.7846	19185054.24	12343.2634	1.34907E+08	18.6197	350380.67	91.1057	445073.92
23	2206255-1A 10X	58.6807	601464.23	2060.1308	15286478.84	11481.3459	1.26704E+08	18.4005	345826.63	82.8776	408800.78
24	CCV	49.4986	532758.35	21.0245	160750.73	495.7162	5752315.95	10.4920	198610.27	50.5662	261899.93
25	CCB	-0.0016	282.23	0.0333	611.13	0.0229	8712.72	0.0010	85.55	-0.0024	42.22
26	2206255-1MS 1...	5.8769	63402.26	277.7854	2066658.88	1220.0668	14119431.87	1.9291	36449.42	8.9469	46304.25
27	2206255-1MSD ...	5.9180	63426.62	307.0878	2285058.73	1256.3616	14441826.04	1.9920	37716.65	9.2185	47390.53
28	2206255-1A 100X	49.9794	526492.65	238.0243	1753841.11	1586.5087	17998893.06	11.3134	211077.13	53.7298	272371.77
29	CCV	49.5809	515823.87	20.8168	154891.79	502.5877	5637389.50	10.4340	193068.99	50.6669	253686.81
30	CCB	0.0017	305.56	0.0239	518.91	-0.0281	7802.21	-0.0003	58.89	-0.0003	51.11
31	2205638-9 10X	15.9829	162105.73	704.7985	5242125.49	20511.7712	2.23723E+08	6.9017	133533.84	15.2760	74512.69

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2205638-10 10X	13.0796	133066.54	852.8797	6401512.66	32065.8289	3.50628E+08	12.9113	247494.87	29.7789	145583.85
33	2205638-11 10X	11.7274	119239.75	800.0288	5910938.66	31300.0340	3.41992E+08	13.3311	256813.83	31.0232	151545.60
34	2205638-12 10X	13.6398	138455.13	805.3998	5978352.82	26049.0770	2.84239E+08	8.1688	156039.39	19.4035	94676.70
35	2205638-13 10X	13.4212	132377.96	1078.2732	7831616.08	33353.9376	3.53629E+08	8.8912	166752.63	22.5199	106766.40
36	2205638-14 10X	15.0279	153027.50	670.8713	4965192.44	20986.2456	2.29763E+08	7.5128	143793.01	24.3877	119383.91
37	2205638-15 10X	22.5342	232330.54	776.1099	5937030.04	25946.3160	2.87799E+08	9.3331	182979.45	134.5895	667275.62
38	2205638-16 10X	13.7981	145157.07	836.0403	6304060.31	28341.9179	3.20481E+08	8.8599	171993.74	20.6194	104257.92
39	2205638-17 10X	12.5135	128935.62	1024.8217	7772327.75	32748.4644	3.62677E+08	9.9467	194921.28	23.8509	118102.15
40	2205638-18 10X	21.2670	220306.78	752.7976	5671807.42	25942.7152	2.89122E+08	7.6112	149253.54	16.6651	83052.97
41	CCV	48.9347	522709.23	21.0061	157884.24	496.2783	5714896.79	10.4461	197180.64	50.2609	258365.10
42	CCB	-0.0026	263.34	0.0509	717.80	0.9423	18871.55	0.0012	86.67	0.0167	137.80
43	2205638-19 10X	23.3972	247386.03	688.7780	5423330.06	24290.5735	2.76318E+08	7.3789	148382.21	17.2490	87748.35
44	2205638-20 10X	22.3846	231167.87	680.0479	5197290.49	25242.3623	2.80438E+08	7.3369	145104.52	15.2592	75818.46
45	2205638-21 10X	29.3072	310248.91	803.3479	6341644.47	25701.3027	2.92792E+08	7.2046	147280.41	26.7893	136453.15
46	CCV	49.2107	527773.07	20.8605	158043.17	497.8806	5756576.58	10.3120	196202.56	50.2685	259442.51
47	CCB	-0.0002	298.90	0.0229	534.46	0.9589	19749.32	-0.0003	62.22	-0.0012	48.89
48	IP220610-2MB ...	0.0232	564.46	0.0380	656.69	0.7164	17199.67	0.0013	92.22	0.0066	91.11
49	IM220610-2LCS...	49.2928	541966.85	10.4581	79322.87	485.3406	5752915.12	10.5721	201615.65	49.5694	262281.78
50	2205638-22 10X	22.4363	242773.37	753.1750	6062968.23	26418.6333	3.07549E+08	7.3145	153492.46	30.3595	158014.87
51	2205638-23 10X	23.6641	250315.87	857.6662	6609700.85	27610.6328	3.14220E+08	8.6633	175263.96	26.3331	133991.80
52	2205638-24 10X	13.0023	135222.33	627.4905	4712845.37	20587.5086	2.30148E+08	7.9879	154749.92	17.5050	87509.23
53	2205638-25 10X	11.6258	119314.27	618.9751	4577685.37	19903.3561	2.19507E+08	7.9338	151648.84	17.5104	86352.14
54	2205638-26 10X	12.5878	128418.07	656.5787	4846186.75	20989.3119	2.30133E+08	7.8082	150071.06	21.4803	105311.57
55	2205638-27 10X	11.9219	113778.45	713.6579	4922331.33	24873.9815	2.55112E+08	9.9427	176368.56	34.7991	159560.76
56	2205638-28 10X	11.6574	110167.51	733.4381	5080383.13	24452.6015	2.48329E+08	10.2879	184158.07	49.4303	224406.73
57	2205638-29 10X	12.5793	119615.53	757.9592	5227853.13	24202.7466	2.47350E+08	10.5307	186149.12	49.6700	226905.74
58	CCV	48.2325	480200.55	20.7176	143917.41	491.2705	5272837.42	10.4011	179824.71	49.3311	236350.16
59	CCB	-0.0023	233.34	0.0358	528.91	1.0019	17133.00	0.0009	70.00	-0.0027	34.44
60	2205638-30 10X	12.0802	120225.20	2062.3764	15014218.29	29244.4452	3.12778E+08	9.7328	181152.51	19.2855	92236.03
61	2205638-31 10X	11.6227	112162.60	2667.7656	19264092.57	26776.1541	2.77674E+08	11.8245	218100.76	34.5097	159986.93
62	2205638-31 100X	1.1736	11597.54	302.6480	2012583.88	2720.9023	28304690.41	1.3086	21929.22	3.4996	16316.05

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	2205638-32 10X	17.9727	177287.02	732.3373	5247238.96	26353.2996	2.79592E+08	7.4103	137435.87	15.4306	73217.04
64	2205638-33 10X	15.6980	153414.55	906.4613	6618635.29	29362.3849	3.08534E+08	8.8329	166173.86	27.3745	128607.05
65	2205638-34 10X	11.4546	112076.77	575.2079	4105343.59	20650.3311	2.17118E+08	6.8609	124784.87	14.8316	69750.76
66	2205638-35 10X	11.1037	109107.53	541.5816	3883729.43	20842.1401	2.20052E+08	7.9266	145350.00	48.2244	227603.33
67	2205638-36 10X	14.2714	137238.33	4630.2697	32896463.14	31212.4378	3.22670E+08	12.3928	230291.52	43.3526	200354.26
68	2205638-36 100X	1.3452	13019.74	489.2360	3193329.94	3004.1862	30694170.38	1.3197	21654.45	4.1495	18994.49
69	2205638-30 100X	1.1807	11417.42	222.0385	1471598.55	2933.1774	29860420.39	1.0306	17176.96	1.9587	8957.01
70	CCV	48.6187	478132.01	20.9383	144218.60	494.6750	5244488.77	10.3459	178911.73	50.1414	237297.19
71	CCB	-0.0009	245.56	0.0620	694.47	0.9266	16308.93	-0.0002	53.33	-0.0019	37.78
72	2205638-37 10X	14.7044	144071.68	2578.7492	18671700.92	28885.4308	3.04282E+08	11.0362	204185.14	25.0456	117965.68
73	2205638-37 100X	1.4428	14377.51	284.4245	1915946.52	2864.0411	30171302.05	1.1961	20302.79	2.4525	11594.25
74	2205638-38 10X	9.1285	89543.23	481.5390	3396434.24	16700.3023	1.75919E+08	6.2747	114814.10	14.5480	68537.76
75	2205638-39 10X	10.3990	100974.93	461.7840	3275847.09	19244.1230	2.00745E+08	7.2267	131766.67	60.8511	283743.94
76	2205638-40 10X	12.2364	119588.43	2059.6409	14762428.30	24688.0588	2.59306E+08	8.2041	148913.65	32.8603	154300.07
77	2205638-40 100X	1.1484	11284.01	216.3978	1457343.76	2409.6828	24910694.63	0.8459	14226.34	3.1880	14774.59
78	2205638-40L 50X	2.3738	23254.40	441.8358	3000014.53	4925.4094	51377992.57	1.7284	29517.76	6.5547	30602.05
79	2205638-40L 5...	0.2555	2633.58	46.8852	296361.92	526.7293	5284237.84	0.1937	3093.67	0.6568	2988.09
80	2205638-40MS ...	59.6281	577022.87	2095.3307	14852179.96	25499.8692	2.65674E+08	17.6171	319657.59	78.6413	366235.37
81	2205638-40MS ...	5.9422	56941.22	243.5585	1585155.84	2613.2131	26855599.60	1.8838	31415.76	7.9878	36725.73
82	CCV	48.7320	476718.49	20.5431	142874.97	497.6569	5248416.48	10.2390	177775.01	49.5628	233329.82
83	CCB	-0.0009	247.79	0.0566	671.14	0.9723	16906.13	-0.0001	55.56	-0.0018	38.89
84	2205638-40MSD...	59.6934	595630.72	2120.1459	15357514.39	25857.4810	2.77792E+08	17.5421	327763.67	78.8024	378401.14
85	2205638-40MSD...	5.8557	57601.17	229.5992	1560493.55	2546.8425	26864247.10	1.8466	31508.20	7.8643	37114.17
86	2205638-40A 10X	59.9547	577168.43	2030.8602	14462817.76	24769.3146	2.56717E+08	17.7248	317717.96	80.5890	373355.68
87	2205638-40A 1...	48.9081	487226.68	247.7678	1729417.67	2992.3088	32097052.86	11.0936	194704.78	51.5844	247307.61
88	CCV	48.4926	482041.13	20.7072	144807.62	490.6430	5257537.84	10.2905	180017.33	49.5486	237025.75
89	CCB	0.0000	260.01	0.0511	644.47	0.9261	16725.92	0.0003	62.22	0.0040	65.56
90	ZZZ										
91	RINSE	0.0066	315.57	0.0466	613.36	0.4115	11274.42	0.0015	80.00	0.0060	73.33
92	RINSE	0.0057	307.78	0.0429	592.24	0.4267	11441.25	0.0016	80.00	0.0015	53.33

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0179	1208.95	0.1333	660.05	0.0109	21.67	0.0122	3.07	0.0060	120.01
2	RINSE	0.0142	1176.73	0.2040	853.39	0.0049	15.33	-0.0007	0.80	0.0004	76.67
3	RINSE	0.0119	1183.40	-0.0069	293.35	0.0030	13.67	0.0028	1.47	0.0129	180.07
4	BLANK	0.0000	1003.38	0.0000	310.02	0.0000	9.67	0.0000	0.93	0.0000	73.34
5	H/1000	1.0604	14992.57	2.5551	7615.49	0.1187	142.33	0.1049	20.53	0.1150	1033.41
6	H/100	10.7199	141669.94	21.5311	62363.90	1.0776	1215.38	1.0633	198.93	1.0281	8699.41
7	H/10	105.5682	1327805.85	211.6952	581382.19	10.4527	11385.68	10.4597	1866.64	9.9506	80797.72
8	HIGH	999.4359	11534652.04	1998.8146	4868247.95	99.9539	107026.38	99.9534	16371.01	100.0046	789431.32
9	RINSE	0.0130	1114.50	0.0392	400.02	0.0051	14.67	0.0049	1.73	0.0061	116.67
10	ICV	215.1838	2603012.88	404.6139	1081311.52	20.1209	21004.51	20.1610	3460.77	20.0575	156267.35
11	ICB	0.0010	955.60	0.0414	403.36	-0.0012	7.67	0.0011	1.07	0.0003	70.00
12	LIV	2.1450	27831.61	10.7628	30269.09	0.2127	230.33	1.0605	189.20	0.5110	4094.05
13	ICSA	0.0203	1150.06	0.2177	846.73	0.0197	29.00	0.0282	5.47	0.2957	2286.93
14	ICSAB	102.3903	1154266.48	203.1578	500151.28	10.5423	10504.75	10.3068	1648.49	10.6323	77906.70
15	CCV	104.2109	1280567.59	204.9673	558263.86	10.3221	10874.66	10.2373	1784.90	10.1248	80409.63
16	CCB	0.0027	1052.27	0.0343	410.03	-0.0024	7.00	0.0080	2.40	0.0003	76.67
17	IP220613-4MB ...	0.0114	1123.39	0.0204	360.02	0.0011	10.33	0.0009	1.07	0.0045	106.67
18	IM220613-4LCS...	107.9843	1358993.66	205.6179	562423.74	9.6077	10369.32	9.8717	1762.77	9.9211	79132.44
19	2206255-1 10X	19.1392	230705.80	63.6200	167674.88	9.9954	10660.52	1.7370	296.80	129.9935	1034924.52
20	2206255-1L 50X	3.8988	49531.51	13.3571	36655.60	2.0748	2195.49	0.3404	61.07	26.3655	212042.36
21	2206255-1MS 10X	132.2985	1593481.08	272.0682	717124.75	20.8502	22382.38	11.4570	1957.99	153.9862	1252332.48
22	2206255-1MSD ...	129.5650	1541014.94	268.2909	695033.58	20.3863	21394.71	11.1309	1878.64	150.2326	1205163.94
23	2206255-1A 10X	124.8009	1498922.61	269.3777	706397.54	20.7100	21902.37	11.8249	2015.19	141.6226	1134719.54
24	CCV	104.8689	1322637.24	209.4790	574300.83	10.3092	11213.88	10.3187	1846.37	10.1931	82324.81
25	CCB	-0.0058	935.60	0.0073	323.35	0.0004	10.00	0.0126	3.20	0.0032	100.00
26	2206255-1MS 1...	12.7904	161912.38	27.4810	75642.81	2.0416	2172.82	1.1337	203.33	15.2317	122550.32
27	2206255-1MSD ...	13.0039	163499.01	28.4093	78312.59	2.1051	2240.16	1.2060	214.80	15.5296	125226.45
28	2206255-1A 100X	105.9342	1307672.45	213.3688	580135.24	11.6536	12241.95	10.3057	1805.04	23.4417	186499.62
29	CCV	105.1655	1282147.80	208.0383	562495.07	10.4288	11038.43	10.4127	1800.77	10.0867	79621.86
30	CCB	-0.0051	907.82	0.0023	313.35	-0.0014	7.67	0.0079	2.27	0.0034	96.67
31	2205638-9 10X	29.6043	352146.61	318.7634	851551.19	26.5568	28147.92	2.1257	358.80	99.9696	824473.14

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2205638-10 10X	42.0553	501167.93	273.0491	730507.57	43.5993	46623.69	3.5112	593.61	191.4711	1564551.28
33	2205638-11 10X	39.5657	471172.13	240.1090	640196.01	39.8349	41934.37	3.8228	645.61	187.4040	1538910.92
34	2205638-12 10X	45.9585	546412.18	473.5839	1255732.98	46.8981	49598.41	2.6134	441.08	103.8051	845276.42
35	2205638-13 10X	45.5492	526218.19	479.8642	1252526.31	79.2427	81996.07	2.7696	454.14	140.3707	1122026.31
36	2205638-14 10X	32.8834	392540.73	409.4057	1097838.73	34.3217	36192.68	1.9870	336.67	79.2657	646636.71
37	2205638-15 10X	38.9869	471351.68	252.2851	679729.55	39.4156	42962.00	2.4378	418.28	86.9610	726708.90
38	2205638-16 10X	58.9144	725570.51	356.3576	977561.10	44.0939	47375.47	2.8833	504.14	133.2697	1102780.66
39	2205638-17 10X	52.8516	637597.49	571.1005	1551193.00	53.2660	57558.00	3.1671	542.28	128.6617	1074698.68
40	2205638-18 10X	42.8686	520595.78	474.5102	1283508.10	45.7223	49086.18	2.6140	450.54	103.0577	861252.15
41	CCV	104.2535	1304962.93	206.3903	569811.71	10.5442	11273.59	10.2690	1823.71	10.0365	80821.60
42	CCB	-0.0088	871.15	0.0905	543.37	0.0017	11.00	0.0032	1.47	0.0012	80.00
43	2205638-19 10X	41.4994	514466.68	440.4786	1203422.38	39.3633	44162.88	2.4664	434.01	112.2044	961633.11
44	2205638-20 10X	39.6143	479671.47	484.2814	1296721.78	43.3539	47208.66	2.5824	443.74	106.1031	894345.53
45	2205638-21 10X	47.6951	592010.74	501.0832	1386281.64	44.0994	49601.11	2.8447	501.21	106.7553	930044.70
46	CCV	104.2610	1310339.01	208.2679	576260.88	10.4419	11253.57	10.2656	1830.51	9.8952	80318.86
47	CCB	-0.0077	916.71	0.0475	446.69	-0.0002	9.33	0.0036	1.60	0.0020	90.00
48	IP220610-2MB ...	0.0037	1080.05	0.0864	563.37	-0.0003	9.33	0.0057	2.00	0.0045	110.00
49	IM220610-2LCS...	107.0107	1378809.67	202.6434	565559.73	9.8408	10594.14	9.9046	1810.90	9.9354	80834.65
50	2205638-22 10X	44.6698	566646.73	480.9244	1340823.26	42.2017	48404.49	2.7536	495.88	91.7943	821022.54
51	2205638-23 10X	52.6584	652816.28	567.9526	1566027.95	47.3303	51970.37	3.0776	541.74	98.3519	848068.37
52	2205638-24 10X	41.4905	505457.62	320.4514	862547.15	29.3013	31355.40	1.9591	339.07	88.4143	730026.26
53	2205638-25 10X	34.4343	413995.48	337.7529	912250.95	28.1303	29638.21	1.9158	327.33	85.1752	693901.22
54	2205638-26 10X	36.3998	435063.92	338.3345	904994.80	29.6567	31189.76	1.9371	328.67	85.3490	699180.35
55	2205638-27 10X	32.6946	365615.12	201.5242	500566.29	26.3167	25865.82	2.2741	360.94	96.3355	728414.78
56	2205638-28 10X	34.1377	377974.01	193.7480	480815.46	25.3141	24985.81	2.4424	383.74	88.8577	678032.91
57	2205638-29 10X	37.5478	418258.77	222.3882	555248.34	26.8872	26427.38	2.4594	388.81	89.0438	670978.30
58	CCV	102.5410	1196342.94	205.1649	525668.79	10.4279	10303.62	10.0712	1667.16	10.2276	75427.66
59	CCB	-0.0051	803.37	0.1012	503.37	-0.0027	5.67	-0.0008	0.67	0.0038	86.67
60	2205638-30 10X	57.0612	664744.75	2327.7532	5993935.33	73.7362	76487.86	2.6241	434.14	125.1007	992487.75
61	2205638-31 10X	59.5882	673034.35	1660.5340	4198684.21	52.8279	54354.77	3.0899	495.48	130.5855	1026788.48
62	2205638-31 100X	6.1159	70087.75	175.3947	444146.14	5.7904	5493.61	0.2854	46.67	14.3336	102202.06

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	2205638-32 10X	43.7054	505259.89	505.2708	1307810.89	45.9222	46883.07	2.5653	420.94	96.8927	766089.73
64	2205638-33 10X	42.5146	486839.74	479.9197	1221797.56	44.5669	46377.38	3.2705	531.34	78.7492	631544.21
65	2205638-34 10X	31.4484	360595.30	361.2039	916598.08	30.7080	31229.50	1.9126	311.47	95.2046	737999.94
66	2205638-35 10X	31.0578	357576.98	192.5718	492208.04	23.2481	23757.32	2.0898	341.47	92.4514	722550.43
67	2205638-36 10X	88.0101	990523.99	2990.1023	7596379.06	54.2994	54963.88	3.3467	534.81	151.8738	1203037.09
68	2205638-36 100X	8.5673	96080.51	306.0974	761087.80	5.5668	5183.85	0.3269	52.40	16.0136	111786.07
69	2205638-30 100X	5.7881	64961.43	239.5925	598061.06	7.7283	7303.66	0.2604	41.73	13.0706	92645.24
70	CCV	102.8668	1185509.54	203.0250	524061.64	10.5697	10357.98	10.2334	1673.42	10.0424	74092.34
71	CCB	-0.0120	725.58	0.2095	760.06	-0.0034	5.00	-0.0009	0.67	0.0012	70.00
72	2205638-37 10X	76.4981	877444.37	2579.0135	6600309.69	55.2479	57000.43	2.9149	474.94	125.5238	989901.42
73	2205638-37 100X	7.6124	88116.43	262.4211	670052.75	5.8770	5646.67	0.3287	54.27	13.1058	94629.55
74	2205638-38 10X	25.1646	289237.17	228.6815	590102.14	18.5821	18679.06	1.7873	291.47	110.8541	864499.49
75	2205638-39 10X	26.4749	301295.11	171.6039	431133.07	16.4493	16630.17	2.2368	360.93	97.9239	761063.30
76	2205638-40 10X	40.6823	465696.13	5520.9945	13909566.46	50.0146	51078.36	2.3043	374.54	115.1126	890585.40
77	2205638-40 100X	4.0120	45994.64	564.0043	1410768.57	5.0838	4884.75	0.2645	43.07	11.8233	84485.98
78	2205638-40L 50X	8.2737	94770.53	1140.2541	2886980.06	10.3633	10033.79	0.4247	69.20	24.1365	175477.62
79	2205638-40L 5...	0.8688	10334.49	121.9468	293166.62	1.1057	1003.04	0.0552	9.33	2.6239	17600.24
80	2205638-40MS ...	145.7523	1652641.67	5804.2627	14602464.36	58.5697	59153.37	11.4065	1835.31	128.6047	994771.18
81	2205638-40MS ...	14.5862	163895.14	635.1145	1586600.29	6.4762	6011.13	1.1929	190.00	13.9993	99414.84
82	CCV	103.4011	1185374.71	203.7040	521911.46	10.5038	10392.34	10.1809	1655.82	9.9589	73774.08
83	CCB	-0.0089	766.70	0.4541	1353.45	0.0016	9.67	-0.0026	0.40	0.0072	110.01
84	2205638-40MSD...	144.3907	1688200.80	5721.8471	14905249.36	59.2669	61167.08	11.5338	1913.58	127.3289	1014164.57
85	2205638-40MSD...	14.1012	162659.95	609.0698	1543696.12	6.2502	6059.14	1.2235	200.00	13.3620	97082.00
86	2205638-40A 10X	142.1934	1603969.76	5479.6230	13910626.87	58.5791	59442.13	12.4199	1987.86	122.7568	938105.85
87	2205638-40A 1...	104.8464	1224009.29	797.6436	2040953.10	15.8390	15754.97	10.2491	1697.69	22.3376	167171.26
88	CCV	102.7995	1197546.65	204.6022	530337.05	10.6462	10590.13	10.1911	1684.09	10.0835	75251.16
89	CCB	-0.0036	836.70	0.4671	1403.46	0.0026	10.67	0.0008	0.93	0.0048	96.67
90	ZZZ										
91	RINSE	0.0079	944.49	0.4656	1370.12	0.0012	9.33	0.0009	0.93	0.0033	83.33
92	RINSE	0.0050	913.38	0.4079	1223.44	-0.0029	5.67	0.0061	1.73	0.0069	106.67

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0008	20.00	0.0079	126.67	0.0013	192.23	0.0047	23.32	0.1331	14881.10
2	RINSE	0.0004	13.33	0.0020	61.11	0.0011	192.23	0.0018	11.99	0.1152	14123.63
3	RINSE	0.0016	36.67	0.0014	56.67	0.0016	207.78	0.0017	11.99	0.1101	14310.53
4	BLANK	0.0000	6.67	0.0000	38.89	0.0000	170.00	0.0000	4.66	0.0000	8619.41
5	H/1000	0.0193	346.69	0.0909	1102.28	0.0115	422.24	0.0338	149.23	0.7609	45182.91
6	H/100	0.2186	3880.65	0.9787	11546.54	0.1044	2392.44	0.3179	1356.26	5.1624	254012.83
7	H/10	2.0004	34488.26	9.9295	112945.59	1.0095	20684.82	3.0798	12550.53	51.5697	2379031.16
8	HIGH	19.9998	339172.12	100.0073	1106384.64	9.9990	186767.82	29.9918	112178.94	499.8411	21606553.85
9	RINSE	0.0012	26.67	0.0015	53.33	0.0001	163.34	-0.0003	3.33	0.1302	14043.54
10	ICV	4.0427	66820.82	20.1222	219650.37	2.0370	39999.39	6.0160	23580.57	101.9420	4472848.68
11	ICB	0.0003	10.00	0.0032	68.89	0.0018	194.45	0.0008	7.33	0.0233	9166.52
12	LIV	0.0466	773.39	0.2007	2253.53	0.0596	1374.53	0.2168	883.81	1.1861	63138.20
13	ICSA	0.0015	30.00	208.6942	2194399.15	0.0031	212.23	-0.0070	-21.91	0.2456	18835.48
14	ICSAB	2.0120	31735.86	221.0107	2267887.90	1.0318	18946.00	3.0324	11074.25	53.0785	2253741.06
15	CCV	2.0126	33559.64	9.9801	111018.86	1.0257	20532.41	3.0008	11944.96	52.2389	2330676.42
16	CCB	0.0006	16.67	0.0111	164.45	0.0022	217.78	0.0000	4.65	-0.0081	8479.39
17	IP220613-4MB ...	0.0004	13.33	0.0054	95.56	0.0018	203.34	-0.0003	3.32	0.2373	18038.03
18	IM220613-4LCS...	2.0121	34371.31	10.0410	112198.71	1.0471	21463.61	3.0691	12513.28	51.6062	2325679.55
19	2206255-1 10X	9.1720	154799.18	3.2555	36359.33	0.1031	2162.41	1.2425	4838.51	0.4090	26259.67
20	2206255-1L 50X	1.9435	32440.48	0.6579	7455.17	0.0239	650.02	0.2380	965.31	0.6974	40139.21
21	2206255-1MS 10X	11.7746	200124.14	12.2552	139750.74	1.1470	22488.35	4.6212	18030.54	51.2960	2243345.85
22	2206255-1MSD ...	12.4718	207250.54	12.3611	139032.10	1.1445	22163.50	4.3904	16919.38	51.4284	2235979.55
23	2206255-1A 10X	11.5306	193061.18	13.6012	152782.61	1.1391	22271.40	4.4370	17264.37	53.8818	2368432.88
24	CCV	2.0264	34882.29	10.0461	113656.66	1.0178	20912.93	3.0494	12459.75	51.6780	2400437.98
25	CCB	-0.0004	0.00	0.0018	60.00	-0.0006	157.78	-0.0005	2.66	-0.0011	8612.80
26	2206255-1MS 1...	1.2362	20754.29	1.2520	14152.02	0.1105	2418.00	0.4442	1816.05	5.3782	252760.01
27	2206255-1MSD ...	1.2123	20357.02	1.2552	14219.84	0.1185	2562.46	0.4512	1832.71	5.3722	249258.88
28	2206255-1A 100X	2.9682	49343.84	10.6811	119108.06	1.0557	21224.46	3.2349	12936.26	51.7222	2344498.67
29	CCV	2.0018	33536.21	9.9351	109871.20	1.0345	20546.89	3.0524	12056.46	51.4033	2297829.29
30	CCB	0.0009	20.00	0.0025	64.44	0.0011	185.56	-0.0003	3.33	-0.0006	8496.03
31	2205638-9 10X	18.6633	313191.54	2.7650	31998.92	0.5800	11285.27	1.4266	5489.83	1.4803	71892.16

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2205638-10 10X	15.9002	269249.36	4.0652	46600.24	0.9393	18227.34	1.5572	6007.91	5.8440	263798.41
33	2205638-11 10X	18.8912	314930.07	4.2811	49315.98	0.8386	16277.44	1.3527	5214.69	1.5494	75529.74
34	2205638-12 10X	17.2673	289220.82	5.2491	59939.98	1.1609	22440.58	2.1421	8243.62	1.8048	86499.45
35	2205638-13 10X	17.5322	287311.48	8.2357	92310.42	2.0466	38318.80	2.8140	10522.44	1.9697	91836.57
36	2205638-14 10X	15.6670	261566.11	3.2489	37186.82	0.8432	16398.67	1.4112	5450.63	1.5257	73830.78
37	2205638-15 10X	18.3359	316470.12	3.5819	41993.03	1.0157	19980.60	1.3447	5262.76	1.6684	81342.19
38	2205638-16 10X	16.8749	287062.77	4.2657	49506.73	3.5733	71221.52	2.1793	8690.22	5.4251	249347.88
39	2205638-17 10X	17.7826	304303.56	4.7253	55366.92	2.5971	50751.06	3.1163	12171.30	1.8028	87424.79
40	2205638-18 10X	18.2979	311072.77	4.2938	50334.79	1.3807	27227.01	2.2800	8960.29	2.6973	126461.34
41	CCV	2.0397	34518.71	9.9311	112038.59	1.0330	21061.96	3.0783	12482.57	51.1258	2341887.52
42	CCB	0.0010	23.33	-0.0005	32.22	0.0016	197.78	-0.0003	3.33	0.0120	8926.21
43	2205638-19 10X	17.3010	307330.55	3.7316	44867.41	1.5446	31071.77	2.1928	8797.40	3.0273	143579.46
44	2205638-20 10X	17.3277	298765.26	4.2478	50219.00	1.5277	30016.45	2.4456	9582.01	2.9977	139946.53
45	2205638-21 10X	20.8101	370650.71	4.0553	49568.04	3.0270	60815.36	2.8792	11568.07	6.3594	295979.11
46	CCV	2.0287	34601.92	9.9911	113612.90	1.0322	21129.88	3.0396	12375.68	51.8863	2382518.87
47	CCB	0.0006	16.67	-0.0006	32.22	0.0012	196.67	-0.0002	4.00	-0.0061	8552.78
48	IP220610-2MB ...	0.0016	33.33	0.0016	57.78	-0.0001	173.34	-0.0010	0.66	0.1904	17287.12
49	IM220610-2LCS...	2.0322	34628.59	9.9863	113830.31	1.0291	21598.32	3.0202	12602.50	51.6490	2366375.28
50	2205638-22 10X	20.9761	380983.62	3.9533	49601.39	1.8939	38952.33	2.4510	10063.03	4.5600	212664.28
51	2205638-23 10X	20.8423	362393.49	4.1878	50658.03	2.2973	46146.22	2.8418	11405.84	5.6571	259688.39
52	2205638-24 10X	15.4474	261714.66	2.6079	30218.81	0.6870	13671.62	1.2711	5013.18	2.4631	116585.65
53	2205638-25 10X	14.4768	241552.03	2.7284	31192.91	0.6589	12942.16	3.1240	12147.68	1.8544	87427.03
54	2205638-26 10X	15.3486	255589.59	2.8613	32890.67	0.7040	13737.22	1.3936	5391.71	1.8077	87826.11
55	2205638-27 10X	16.6132	258540.87	2.6115	27713.09	0.4695	8620.26	1.9756	7146.93	1.2620	63369.30
56	2205638-28 10X	17.4986	273469.53	2.5712	27537.27	0.4095	7464.09	1.2165	4359.24	1.3564	63610.86
57	2205638-29 10X	17.6576	274804.66	2.5580	27048.69	0.5279	9640.82	1.1913	4295.28	1.5530	70073.97
58	CCV	2.0103	31441.89	9.9804	103129.06	1.0109	19215.21	3.0408	11493.38	50.8136	2196456.69
59	CCB	0.0010	20.00	0.0017	48.89	-0.0006	134.45	0.0002	4.66	0.0277	8589.37
60	2205638-30 10X	18.8559	309772.30	7.1355	79383.94	1.5667	29626.76	9.5459	35993.05	2.1036	96070.71
61	2205638-31 10X	24.1853	394068.13	5.6734	62573.24	1.4201	26053.90	9.1059	33291.46	1.8424	84709.17
62	2205638-31 100X	2.6237	39366.64	0.6191	6219.08	0.1552	2991.44	0.9436	3463.80	0.8407	41857.04

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	2205638-32 10X	17.7100	286314.92	4.2792	47447.18	1.2892	24211.99	2.1439	8023.40	3.4471	150703.33
64	2205638-33 10X	23.1158	380882.42	4.0157	45171.63	1.3134	24431.25	2.3691	8782.04	2.3305	105504.39
65	2205638-34 10X	14.1537	227899.94	2.9108	31660.42	0.7916	14794.86	1.3990	5189.76	1.5615	72789.97
66	2205638-35 10X	15.2804	247238.30	2.0934	22967.78	0.5554	10465.83	1.0333	3849.57	1.2415	60059.73
67	2205638-36 10X	21.8580	350410.22	5.3359	59283.27	1.2943	23689.00	16.2153	59099.21	1.8325	85040.96
68	2205638-36 100X	2.2362	32938.25	0.5685	5595.51	0.1282	2452.45	1.5870	5719.19	0.8451	41783.73
69	2205638-30 100X	1.9440	29070.76	0.7560	7538.55	0.1575	2969.21	1.0013	3596.36	0.2337	17150.14
70	CCV	2.0812	32273.73	9.9822	103161.90	1.0144	19047.19	3.0264	11299.90	51.9965	2189148.77
71	CCB	0.0010	20.00	-0.0009	24.44	0.0020	180.01	-0.0009	0.67	0.0230	8462.67
72	2205638-37 10X	21.8365	356804.79	5.6144	62104.94	1.2894	24046.23	11.1778	41509.51	2.4755	112468.42
73	2205638-37 100X	2.2939	34865.84	0.5882	5984.54	0.1284	2533.57	1.1635	4324.04	0.9087	45624.61
74	2205638-38 10X	13.5393	215461.63	1.8097	19816.94	0.4076	7706.45	0.9145	3400.44	1.1226	55198.35
75	2205638-39 10X	18.7471	300036.37	1.6660	18181.66	0.2884	5445.45	0.7429	2735.79	2.2690	101160.70
76	2205638-40 10X	14.6844	237465.75	5.2528	56997.03	1.3856	25753.32	23.4174	86708.79	2.0638	93726.83
77	2205638-40 100X	1.4712	22356.54	0.5383	5422.11	0.1412	2718.05	2.3575	8593.87	0.8623	42909.86
78	2205638-40L 50X	3.0508	46746.31	1.1043	11283.02	0.2793	5277.62	4.6627	17146.93	1.0681	52211.34
79	2205638-40L 5...	0.3194	4557.55	0.1185	1142.28	0.0305	683.36	0.4863	1722.00	0.7678	37302.22
80	2205638-40MS ...	17.0323	272410.59	12.8906	139793.32	2.5438	46769.00	26.6474	97870.98	51.2088	2140288.93
81	2205638-40MS ...	1.8417	27030.27	1.3751	13714.94	0.2673	4980.85	2.7816	10077.93	5.6456	233795.01
82	CCV	2.0260	31722.50	9.8766	102493.26	1.0195	19037.22	3.0086	11173.87	51.4788	2352154.39
83	CCB	0.0005	13.33	0.0005	37.78	0.0019	180.00	0.0009	7.33	0.0350	8936.28
84	2205638-40MSD...	17.2592	282095.72	13.3424	149001.65	2.6623	50465.67	26.4569	100197.49	51.9154	2233130.49
85	2205638-40MSD...	1.7544	26903.52	1.4563	14854.87	0.2655	5078.66	2.6929	10014.43	5.6807	240392.61
86	2205638-40A 10X	16.2750	261591.76	14.8975	159602.61	2.3560	43103.08	26.0077	95026.20	54.1457	2232615.85
87	2205638-40A 1...	3.5627	56102.79	10.6927	112159.52	1.1426	21710.66	5.4540	20623.09	52.3784	2225474.24
88	CCV	1.9601	30864.17	9.9275	103792.38	1.0263	19476.65	3.0616	11556.03	52.1504	2228652.67
89	CCB	-0.0004	0.00	0.0004	37.78	-0.0002	144.45	0.0000	4.00	0.0396	9236.45
90	ZZZ										
91	RINSE	0.0003	10.00	-0.0003	30.00	0.0014	170.00	-0.0010	0.67	0.2110	15531.71
92	RINSE	-0.0002	3.33	0.0003	35.55	0.0001	147.78	-0.0006	2.00	0.1959	15154.56

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0047	95.56	0.0012	26.67	0.0014	53.33	0.0024	666.71	0.0000	56.67
2	RINSE	0.0033	82.22	0.0000	23.33	0.0010	40.00	0.0007	370.03	-0.0002	23.33
3	RINSE	0.0031	82.22	0.0030	33.33	0.0009	36.67	0.0002	296.68	-0.0001	46.67
4	BLANK	0.0000	48.89	0.0000	23.33	0.0000	6.67	0.0000	236.68	0.0000	60.00
5	H/1000	0.0339	403.34	0.1231	420.03	0.0323	1173.43	0.0354	6931.90	0.0298	6871.84
6	H/100	0.3191	3385.97	0.9978	3217.16	0.2823	10260.45	0.3075	58171.29	0.3023	68925.41
7	H/10	3.0900	31278.02	9.6506	29609.43	2.9600	105114.93	2.9992	543408.69	2.9998	657358.48
8	HIGH	29.9908	294935.54	100.0349	281597.82	30.0042	992803.63	32.6121	5349870.96	32.8593	6520918.44
9	RINSE	0.0016	62.22	-0.0020	16.67	0.0009	36.67	0.0006	343.36	0.0000	66.67
10	ICV	6.2159	60342.10	19.4986	57531.51	6.0421	210851.01	5.9212	1045202.64	6.1185	1306695.58
11	ICB	0.0000	45.56	0.0097	50.00	0.0005	23.33	0.0005	323.35	0.0000	53.34
12	LIV	0.1165	1192.29	0.4797	1486.81	0.0544	1923.56	0.0504	9526.74	0.0494	11074.55
13	ICSA	0.0059	101.11	0.0245	90.00	0.0035	120.01	0.0039	900.07	0.0004	136.68
14	ICSAB	3.1832	29072.64	9.7672	26854.32	3.0223	95103.30	3.0444	500303.99	3.0767	611510.46
15	CCV	3.0567	30258.18	9.4931	28447.11	2.9279	101389.13	2.8792	516971.37	2.9363	637735.93
16	CCB	-0.0009	41.11	0.0116	60.00	0.0004	20.00	0.0004	326.69	-0.0001	50.00
17	IP220613-4MB ...	-0.0013	35.56	-0.0021	16.67	0.0013	50.00	0.0006	326.69	0.0002	103.34
18	IM220613-4LCS...	3.0472	30300.45	9.7521	29936.70	3.0343	106657.59	2.9986	541491.24	5.8696	1282133.73
19	2206255-1 10X	0.4033	4049.47	121.9907	357205.36	11.2552	383567.85	23.5588	4135762.75	2.8145	597765.84
20	2206255-1L 50X	0.0851	902.26	23.5299	71480.05	2.2472	77586.04	4.5406	827030.93	0.5614	123774.46
21	2206255-1MS 10X	1.4074	14311.13	138.1973	405758.05	15.6343	527032.07	29.1675	5136811.17	9.7068	2068320.70
22	2206255-1MSD ...	1.5638	15674.70	126.0129	365435.24	16.1202	544583.07	31.1069	5417549.71	9.8647	2078509.92
23	2206255-1A 10X	3.4286	34273.15	133.8039	391761.15	14.5708	490984.59	27.5465	4821759.72	5.9187	1253800.11
24	CCV	3.0724	30936.17	9.7688	30053.61	2.9440	104714.84	2.9445	539377.48	2.9832	660985.67
25	CCB	-0.0016	33.33	0.0107	56.67	0.0005	23.33	0.0004	303.35	0.0001	73.33
26	2206255-1MS 1...	0.1645	1697.90	12.1768	37386.50	1.5743	54424.02	2.9106	532590.58	0.8997	199167.82
27	2206255-1MSD ...	0.1397	1452.31	13.2711	40474.07	1.5324	52466.98	2.7575	500208.04	0.8860	194458.81
28	2206255-1A 100X	3.0920	30684.58	21.7979	65603.57	4.1477	143391.32	5.2424	946026.91	3.2456	708501.11
29	CCV	3.0747	30259.33	9.6619	28717.77	2.9045	100547.89	2.9086	521143.66	2.9208	632997.02
30	CCB	-0.0014	34.44	0.0036	33.33	0.0012	46.67	0.0005	326.68	0.0001	93.34
31	2205638-9 10X	0.4016	4175.06	218.2226	631444.48	44.5597	1497718.68	86.7355	15376626.44	9.9985	2145041.84

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2205638-10 10X	0.7310	7490.78	163.3448	473907.02	30.9820	1055571.91	60.6646	10890608.59	6.7408	1465327.89
33	2205638-11 10X	0.7255	7471.88	128.1054	371361.99	35.8021	1202435.37	70.8510	12602564.39	8.0853	1739996.59
34	2205638-12 10X	1.1290	11503.25	225.1510	651820.22	46.0632	1548787.01	81.5425	14509713.95	9.1797	1976441.12
35	2205638-13 10X	1.6035	16013.94	188.7304	530894.54	47.4091	1563065.24	85.1959	15197646.44	9.3181	2011291.69
36	2205638-14 10X	0.6965	7128.38	217.0141	630367.92	38.8763	1315926.44	75.2549	13375226.05	8.5007	1828023.31
37	2205638-15 10X	0.7853	8225.60	286.1347	842074.47	44.8518	1532842.22	83.0544	14862163.95	9.5765	2073401.43
38	2205638-16 10X	0.8603	8917.09	244.5639	733507.51	38.4107	1323923.26	71.6844	13238322.30	8.0950	1809248.05
39	2205638-17 10X	0.8303	8690.31	241.9832	710992.67	42.7530	1470674.92	77.6091	14230833.12	8.8256	1957829.24
40	2205638-18 10X	1.1502	12027.00	240.6651	711519.47	50.8131	1752589.19	91.0018	16609374.75	10.3133	2277123.35
41	CCV	3.0926	31046.34	9.7264	29696.20	2.9210	102204.74	2.8851	529223.23	2.9224	648335.36
42	CCB	-0.0015	33.33	0.0146	66.67	0.0020	73.34	0.0021	613.38	0.0001	73.33
43	2205638-19 10X	1.0810	11594.43	229.7463	693393.01	47.5636	1635116.43	87.0132	15979770.59	9.8788	2195353.20
44	2205638-20 10X	1.2493	13165.64	226.3594	667213.89	50.1164	1703471.59	89.9408	16187859.34	10.1059	2201852.63
45	2205638-21 10X	1.0221	11147.41	283.2751	856195.82	58.4115	2032297.68	109.5766	20300095.95	12.0616	2703171.52
46	CCV	3.0574	30938.36	9.8127	30080.58	3.0074	105577.75	2.8885	530057.65	2.9385	652243.09
47	CCB	-0.0003	46.67	0.0149	70.00	0.0015	56.67	0.0015	523.37	0.0001	86.67
48	IP220610-2MB ...	0.0002	51.11	0.0178	80.00	0.0018	70.00	0.0016	530.03	0.0009	253.35
49	IM220610-2LCS...	3.1128	31571.85	9.1166	28647.57	3.0587	106719.30	2.9536	548288.99	5.8099	1304539.41
50	2205638-22 10X	0.9145	10244.60	235.2701	726649.26	60.0286	2096201.69	111.2969	20551199.28	12.7149	2841149.65
51	2205638-23 10X	0.9886	10671.54	325.1862	981829.62	55.9168	1924648.41	104.5813	19068525.97	11.8516	2614795.53
52	2205638-24 10X	0.5811	6029.03	216.9533	643509.18	34.6206	1184759.41	67.7769	12289398.99	7.7328	1696105.49
53	2205638-25 10X	0.7355	7514.13	177.6768	519888.22	33.7092	1130312.14	64.5434	11436946.91	7.5033	1608585.91
54	2205638-26 10X	0.6903	7095.04	195.8548	569770.41	34.2486	1156202.93	68.0333	12388387.31	7.5034	1653242.16
55	2205638-27 10X	0.5447	5177.60	239.9290	652860.93	31.7491	990419.46	62.4393	11150408.16	7.4396	1607693.46
56	2205638-28 10X	0.5127	4919.73	237.3560	639525.37	33.4833	1037973.79	66.0313	11063142.33	7.7368	1568556.85
57	2205638-29 10X	0.4407	4182.84	247.3919	670778.48	34.7835	1091304.57	68.0771	11410287.75	8.1078	1644027.22
58	CCV	3.1522	28982.50	9.6177	27368.87	2.9806	96041.62	2.8422	492151.29	2.8549	597875.84
59	CCB	0.0010	48.89	0.0823	237.06	0.0015	50.00	0.0021	546.71	0.0002	86.67
60	2205638-30 10X	1.3955	13840.73	178.8078	507376.44	53.8051	1705744.97	95.7020	16482431.00	10.6844	2226860.12
61	2205638-31 10X	0.9836	9682.00	157.3252	432856.37	57.2802	1826165.75	112.5964	19105306.80	12.4703	2560295.48
62	2205638-31 100X	0.1144	1060.05	15.9518	44040.54	5.7779	179152.32	11.8172	1997074.34	1.1874	242893.35

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	2205638-32 10X	0.9570	9476.33	252.0838	709564.26	48.8964	1555482.48	86.5436	15015550.61	9.5519	2005401.79
64	2205638-33 10X	1.0570	10608.17	243.9231	680017.36	61.8914	1974092.52	121.6080	20894055.52	13.2570	2755542.56
65	2205638-34 10X	0.6727	6542.56	200.3671	558975.39	35.2199	1123568.00	66.7107	11458867.75	7.5861	1576527.37
66	2205638-35 10X	0.4816	4736.34	203.1201	568954.20	33.3277	1060469.96	65.4458	11164242.33	7.6780	1584704.61
67	2205638-36 10X	0.9878	9796.54	115.9456	318030.41	56.5377	1776466.48	107.0171	18284446.81	11.9258	2465343.61
68	2205638-36 100X	0.1121	1016.72	11.1906	30347.97	5.3123	160793.11	10.7530	1792972.42	1.0885	219623.62
69	2205638-30 100X	0.1552	1413.42	17.6747	47745.15	5.1128	156015.06	9.7133	1623421.28	0.9780	197832.65
70	CCV	3.0747	28280.09	9.6696	27181.82	2.9487	94811.05	2.8545	492452.53	2.8764	600287.64
71	CCB	0.0026	63.33	0.0102	46.67	0.0017	53.33	0.0023	583.38	-0.0001	26.67
72	2205638-37 10X	1.2535	12363.92	151.8473	424393.55	52.7782	1663478.26	97.1014	16840652.67	11.4173	2395918.09
73	2205638-37 100X	0.1460	1356.74	14.7457	41222.97	5.0610	157131.31	10.2409	1744698.83	1.0758	221833.55
74	2205638-38 10X	0.4738	4650.76	188.8735	527830.90	29.7734	945626.81	58.4395	10159463.81	6.4699	1359707.85
75	2205638-39 10X	0.3817	3740.50	203.8625	564223.18	36.7573	1157767.95	73.0255	12481493.98	8.7870	1817488.77
76	2205638-40 10X	1.0359	10031.12	128.6742	358588.76	39.4983	1248704.20	73.9744	12493350.65	8.1891	1673775.76
77	2205638-40 100X	0.1005	937.83	12.3462	33874.99	3.9086	119313.59	6.8863	1147793.53	0.7377	148724.05
78	2205638-40L 50X	0.2214	2049.05	25.3514	70173.84	7.9397	246401.56	14.8765	2527955.64	1.4951	307421.09
79	2205638-40L 5...	0.0289	282.23	2.6180	6978.57	0.8287	24487.07	1.4810	237718.00	0.1583	30751.68
80	2205638-40MS ...	1.8140	17526.60	148.9926	411853.58	43.2156	1348922.11	75.8597	12901182.31	14.1081	2903311.31
81	2205638-40MS ...	0.2147	1941.26	15.3970	41991.58	4.5209	137989.69	7.5899	1263064.98	1.3514	272132.40
82	CCV	3.0716	28365.75	9.8072	27422.28	2.9898	95085.97	2.8371	524601.26	2.8620	639984.25
83	CCB	0.0005	45.56	0.0087	43.33	0.0013	43.34	0.0020	530.04	0.0003	113.34
84	2205638-40MSD...	1.8815	18719.12	149.6127	426446.19	44.8163	1430469.88	77.3682	13519582.30	14.1452	2991100.16
85	2205638-40MSD...	0.2106	1950.15	14.8864	41670.63	4.4485	138130.66	7.5332	1275926.31	1.3595	278497.24
86	2205638-40A 10X	3.9267	37423.60	135.8930	373713.43	42.0910	1312271.93	73.7390	12513939.39	11.0068	2260062.78
87	2205638-40A 1...	3.1536	29435.60	22.6984	64603.77	7.0806	225148.14	10.7275	1834821.54	3.6474	754877.13
88	CCV	3.0692	28557.29	9.5566	27158.37	3.0067	97357.72	2.8580	495882.82	2.8752	603355.58
89	CCB	0.0026	64.44	0.0197	73.34	0.0019	60.00	0.0015	460.03	0.0000	53.33
90	ZZZ										
91	RINSE	0.0017	55.56	0.0241	83.34	0.0011	36.67	0.0011	390.02	0.0000	46.67
92	RINSE	0.0047	80.00	0.0164	63.33	0.0022	66.67	0.0009	356.69	0.0000	50.00

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0001	23.33	0.0135	502.39	0.0083	1310.10	0.0285	1027.83	0.0028	147.78
2	RINSE	0.0002	26.67	0.0073	308.10	-0.0009	906.72	0.0083	298.90	-0.0001	21.11
3	RINSE	0.0001	23.33	0.0051	243.34	0.0012	1023.41	0.0048	181.12	-0.0002	18.89
4	BLANK	0.0000	20.00	0.0000	75.71	0.0000	956.73	0.0068	253.34	0.0000	26.67
5	H/1000	0.0288	1190.11	0.0007	101.43	0.0603	3877.11	0.0215	822.26	0.0096	467.79
6	H/100	0.2802	11408.11	0.0177	677.16	0.5415	27091.04	0.0790	3062.62	0.0946	4411.84
7	H/10	2.9973	116126.75	0.1929	6460.02	5.1338	242835.17	1.0021	37875.08	0.9666	43817.08
8	HIGH	30.0005	1101313.19	2.0007	61771.19	49.9862	2195342.97	9.9998	412362.25	10.0034	422311.45
9	RINSE	0.0002	26.67	-0.0004	60.00	-0.0036	746.72	0.0040	141.12	-0.0004	8.89
10	ICV	6.0650	233631.88	0.4027	13170.20	9.9537	461753.15	1.8406	69169.56	1.9737	87893.41
11	ICB	0.0006	40.00	-0.0012	33.33	0.0000	903.39	0.0068	240.00	-0.0004	7.78
12	LIV	0.0503	1986.90	0.0080	340.72	0.2243	11462.37	0.0205	767.81	0.0097	462.24
13	ICSA	0.0017	83.34	0.0002	75.71	0.0066	1176.75	0.0035	118.89	-0.0001	18.89
14	ICSAB	2.9952	106847.82	0.2089	6193.71	5.2373	219515.96	1.1566	39346.65	1.0237	41125.00
15	CCV	2.8937	109912.40	0.1963	6410.00	5.1675	238346.79	1.0239	38404.26	0.9851	43542.09
16	CCB	0.0003	33.33	-0.0012	37.14	-0.0022	863.39	0.0068	254.45	-0.0003	15.55
17	IP220613-4MB ...	0.0015	73.34	-0.0012	36.19	-0.0044	730.05	0.0009	32.22	-0.0004	10.00
18	IM220613-4LCS...	2.9890	115402.19	0.2063	6833.99	5.1869	242833.59	0.9696	36480.45	0.9999	44865.93
19	2206255-1 10X	11.2197	419633.91	0.4172	13327.47	7.9390	359915.17	3.7653	146037.76	2.4661	107245.79
20	2206255-1L 50X	2.2871	87516.94	0.0760	2521.19	1.6050	74466.49	0.7435	27683.26	0.4877	21504.92
21	2206255-1MS 10X	15.2609	573900.29	0.7824	24653.41	14.0153	627766.73	4.8936	195186.86	3.8221	164402.94
22	2206255-1MSD ...	15.8481	593369.93	0.6580	20787.50	13.7186	615780.20	5.3382	211428.94	3.9572	170570.13
23	2206255-1A 10X	14.4626	547772.70	0.6358	20041.21	13.2707	594308.20	4.8733	193321.80	3.4819	149723.60
24	CCV	2.9307	115067.43	0.1968	6598.18	5.1440	243723.86	1.0508	39706.60	0.9689	43995.68
25	CCB	0.0014	73.34	-0.0012	35.24	-0.0025	830.06	0.0065	235.56	-0.0005	3.33
26	2206255-1MS 1...	1.5675	60507.39	0.0647	2159.22	1.4240	66274.97	0.4958	18476.41	0.3960	17490.61
27	2206255-1MSD ...	1.4887	57113.85	0.0776	2549.76	1.4307	65924.24	0.4699	17526.37	0.3761	16452.73
28	2206255-1A 100X	4.2346	163018.60	0.2401	7811.15	6.0409	278010.03	1.4174	53610.00	1.2283	54196.14
29	CCV	2.9702	112513.88	0.1959	6394.28	5.1922	239407.04	1.0200	37977.57	0.9829	43435.04
30	CCB	0.0005	40.00	-0.0010	42.38	-0.0005	900.06	0.0066	242.23	-0.0004	6.67
31	2205638-9 10X	35.0566	1306884.20	0.2785	8796.47	111.2566	4961732.87	6.3401	264909.89	1.6942	72672.84

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2205638-10 10X	24.7365	931604.33	0.3779	12073.07	124.4151	5624894.68	6.5517	275457.03	2.4247	105425.67
33	2205638-11 10X	29.2297	1083381.42	0.3330	10499.01	113.9772	5080233.23	6.8283	287853.63	2.3478	100641.96
34	2205638-12 10X	32.0820	1193792.53	0.3284	10362.72	169.5997	7566195.98	3.6823	143612.38	2.1938	94123.90
35	2205638-13 10X	33.0314	1204078.55	0.4083	12617.80	276.2428	12086835.29	7.8430	331056.98	2.8710	120810.53
36	2205638-14 10X	29.3918	1102217.15	0.2924	9297.73	111.8628	5024256.49	2.9930	116107.25	1.9080	82415.14
37	2205638-15 10X	33.1521	1253010.11	0.3144	10089.20	114.8144	5207143.18	6.8649	292703.69	2.1316	92974.60
38	2205638-16 10X	29.0954	1110912.72	0.3113	10075.85	156.3617	7151895.83	3.1488	125422.85	3.6921	162406.14
39	2205638-17 10X	31.2736	1179939.23	0.3804	12273.22	223.1320	10186267.45	6.6739	285740.42	3.0339	133192.84
40	2205638-18 10X	36.0721	1368776.28	0.3250	10519.98	168.1232	7694219.83	5.6186	233910.28	2.3386	102928.88
41	CCV	2.8965	113692.56	0.2004	6610.09	5.2146	243010.70	1.0288	39119.53	0.9799	43766.94
42	CCB	0.0003	30.00	-0.0015	26.67	0.0097	1346.77	0.0074	266.67	-0.0004	6.67
43	2205638-19 10X	33.6064	1299934.59	0.3060	9879.53	170.5276	7778867.54	4.3690	178453.21	2.1886	96014.48
44	2205638-20 10X	35.0528	1326473.47	0.3219	10271.23	185.6929	8375331.65	4.3384	173533.86	2.0996	91083.97
45	2205638-21 10X	44.5780	1738587.53	0.3250	10613.85	206.3501	9526580.74	6.1846	266738.33	2.7576	122442.59
46	CCV	2.9212	113296.83	0.1937	6411.89	5.1523	240926.71	1.0280	39176.16	0.9892	44326.38
47	CCB	0.0012	66.67	-0.0014	29.52	0.0073	1286.77	0.0060	224.45	-0.0004	8.89
48	IP220610-2MB ...	0.0009	53.33	-0.0015	27.62	0.0046	1166.76	0.0015	56.67	-0.0004	7.78
49	IM220610-2LCS...	2.9480	115864.87	0.2132	7007.88	5.2066	241967.75	0.9543	36612.95	1.0075	44871.42
50	2205638-22 10X	48.1582	1841214.87	0.3180	10427.54	192.6922	8929031.95	6.7726	298243.84	2.4973	111290.12
51	2205638-23 10X	44.1590	1672879.30	0.3599	11617.01	265.5948	12130126.12	6.1011	261786.22	2.5228	110809.05
52	2205638-24 10X	27.0280	1033421.57	0.2738	8807.91	105.0754	4771169.02	3.6077	142551.69	1.6895	73779.85
53	2205638-25 10X	26.1128	970283.47	0.2686	8465.78	93.8610	4176686.27	2.6334	101993.42	1.6265	69611.31
54	2205638-26 10X	26.8425	1011919.59	0.2718	8626.84	103.9233	4655614.98	2.4991	95546.00	1.7070	73549.95
55	2205638-27 10X	26.4543	990431.39	0.2759	8090.34	78.9327	3268395.63	4.4178	164209.86	1.7071	67979.34
56	2205638-28 10X	27.7166	973731.55	0.3061	8909.41	66.5513	2737974.34	6.4132	249288.63	1.6626	65778.33
57	2205638-29 10X	29.0670	1012862.59	0.3001	8842.68	75.8652	3158780.37	4.7475	178756.39	1.8636	74616.79
58	CCV	2.8977	105380.76	0.1989	6042.22	5.2335	224635.35	1.0151	35826.58	0.9748	40111.08
59	CCB	0.0005	33.33	-0.0012	31.91	0.0085	1130.09	0.0073	232.23	-0.0005	3.33
60	2205638-30 10X	37.1065	1311774.49	0.4031	11982.52	250.5231	10539686.15	4.4533	171827.80	2.7859	112724.67
61	2205638-31 10X	46.1204	1649820.08	0.3598	10758.72	214.0203	9053228.36	4.0457	151800.15	3.3887	137856.98
62	2205638-31 100X	4.5088	155864.85	0.0368	1132.43	22.0828	909403.43	0.4117	14133.73	0.3445	13652.09

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	2205638-32 10X	33.3717	1192609.12	0.3408	10173.07	178.8930	7551254.94	4.6350	180482.81	2.3157	94006.96
64	2205638-33 10X	48.6922	1750333.52	0.3642	10895.00	191.4226	8101490.71	7.2930	296687.76	2.4801	100951.81
65	2205638-34 10X	26.2787	942665.22	0.2462	7390.45	119.5856	5062383.15	4.3810	166243.67	1.7708	72104.85
66	2205638-35 10X	26.9183	966321.52	0.2554	7642.96	97.9289	4135522.67	5.5745	218989.49	1.6779	68142.81
67	2205638-36 10X	44.4166	1586480.55	0.3873	11409.21	194.0585	8090771.49	6.5402	261112.57	4.6391	185996.14
68	2205638-36 100X	4.0544	140310.27	0.0359	1078.62	18.7655	754464.14	0.6809	23116.54	0.4510	17439.45
69	2205638-30 100X	3.6729	126301.09	0.0413	1240.06	24.7219	1001695.75	0.4511	15281.58	0.2844	11092.11
70	CCV	2.7918	102477.63	0.1991	6036.50	5.2665	225572.45	1.0175	36167.52	0.9911	40684.85
71	CCB	0.0008	43.33	-0.0013	27.62	0.0085	1116.74	0.0081	255.56	-0.0004	7.78
72	2205638-37 10X	42.7443	1546456.90	0.3429	10140.19	189.1828	7911533.74	3.0397	112695.36	2.7951	112416.28
73	2205638-37 100X	4.0510	144107.82	0.0315	979.09	18.5556	765265.24	0.3072	10608.78	0.2780	11035.44
74	2205638-38 10X	24.2255	869801.32	0.2241	6701.55	61.5145	2592968.06	4.2978	165487.48	1.5182	61559.23
75	2205638-39 10X	30.8200	1099899.25	0.2527	7487.18	58.6486	2451743.29	5.7855	224456.25	1.5861	63760.18
76	2205638-40 10X	28.4744	1007348.60	0.3024	8978.01	177.7603	7457229.78	2.5230	90927.39	2.2534	90914.56
77	2205638-40 100X	2.7164	94594.20	0.0274	846.22	17.1494	695355.92	0.2361	7970.17	0.2205	8612.66
78	2205638-40L 50X	5.5970	197087.63	0.0608	1825.84	34.9904	1441817.91	0.4788	16472.91	0.4518	17915.59
79	2205638-40L 5...	0.5926	19813.78	0.0042	179.53	3.6818	145121.01	0.0480	1549.00	0.0478	1822.37
80	2205638-40MS ...	31.0699	1100571.10	0.5108	14926.15	180.6930	7484224.37	2.2841	81739.72	3.2423	129131.01
81	2205638-40MS ...	3.2919	113121.91	0.0495	1474.37	18.4178	746759.32	0.2228	7509.84	0.3303	12885.85
82	CCV	2.8855	112201.66	0.1988	5961.71	5.2714	223283.65	1.0106	35651.76	0.9969	40467.65
83	CCB	0.0007	40.00	-0.0016	19.52	0.0091	1153.42	0.0072	231.12	-0.0002	13.33
84	2205638-40MSD...	31.2386	1139093.76	0.5129	15329.40	188.5185	7986106.96	2.3651	87805.74	3.2838	133750.97
85	2205638-40MSD...	3.2089	112400.59	0.0471	1429.60	18.5096	763312.23	0.2247	7685.55	0.3265	12957.01
86	2205638-40A 10X	30.8527	1079591.36	0.5091	14860.84	181.5165	7507865.57	3.4676	128847.26	3.2345	128660.68
87	2205638-40A 1...	5.8198	211596.26	0.2239	6705.37	22.8687	965665.81	1.2673	44958.71	1.2090	49070.80
88	CCV	2.8798	105072.95	0.1984	6056.51	5.2035	224434.66	0.9994	35650.58	0.9915	40987.79
89	CCB	0.0007	40.00	-0.0014	25.24	0.0080	1120.08	0.0063	204.45	-0.0004	8.89
90	ZZZ										
91	RINSE	0.0003	26.67	-0.0012	30.48	0.0059	1003.40	0.0047	150.00	-0.0004	7.78
92	RINSE	0.0007	40.00	-0.0016	20.48	0.0060	1003.40	0.0038	121.11	-0.0003	11.11

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
1	RINSE	9261263.82		5178030.03	100.0	402575.79	100.0	2284763.98	100.0	162115.11	100.0
2	RINSE	9276738.61		5199170.34	100.0	404552.48	100.0	2300032.83	100.0	164522.11	100.0
3	RINSE	9683102.98		5389978.67	100.0	416318.38	100.0	2368581.22	100.0	169780.95	100.0
4	BLANK	9088920.28		5104515.86	100.0	403125.66	100.0	2212289.65	100.0	159596.87	100.0
5	H/1000	9701940.90		5406769.71	105.9	423223.38	105.0	2329212.36	105.3	166007.44	104.0
6	H/100	9682773.60		5455518.56	106.9	426391.37	105.8	2317129.60	104.7	166616.71	104.4
7	H/10	9459304.65		5245349.82	102.8	412419.15	102.3	2268535.28	102.5	162110.56	101.6
8	HIGH	9504305.69		4974977.63	97.5	401312.71	99.6	2183693.82	98.7	159550.24	100.0
9	RINSE	8604510.08		4850106.38	95.0	384629.95	95.4	2123870.64	96.0	154908.97	97.1
10	ICV	8959079.87		4953214.51	97.0	395971.14	98.2	2163655.23	97.8	155434.43	97.4
11	ICB	8444886.96		4777611.60	93.6	374326.86	92.9	2054903.67	92.9	146442.53	91.8
12	LIV	8999056.53		5091817.53	99.8	400596.47	99.4	2164111.32	97.8	154697.77	96.9
13	ICSA	8869011.54		4906528.26	96.1	381366.32	94.6	2114465.18	95.6	150589.91	94.4
14	ICSAB	8693517.79		4810169.72	94.2	372194.39	92.3	2106883.09	95.2	148382.68	93.0
15	CCV	9027416.53		5013355.24	98.2	403461.01	100.1	2170652.52	98.1	156821.29	98.3
16	CCB	9021075.49		5128903.05	100.5	409983.46	101.7	2182647.83	98.7	159039.76	99.7
17	IP220613-4MB ...	8253311.13		4709521.08	92.3	392733.03	97.4	2016095.18	91.1	152256.29	95.4
18	IM220613-4LCS...	9031263.61		5088376.59	99.7	405133.64	100.5	2178586.64	98.5	160617.76	100.6
19	2206255-1 10X	9023070.49		5013015.34	98.2	404727.95	100.4	2127690.54	96.2	158730.64	99.5
20	2206255-1L 50X	9243612.36		5157927.01	101.0	408841.27	101.4	2161303.93	97.7	156998.93	98.4
21	2206255-1MS 10X	9227012.36		5080584.72	99.5	413464.06	102.6	2173052.47	98.2	159841.66	100.2
22	2206255-1MSD ...	9212144.24		5049434.09	98.9	407884.79	101.2	2141588.20	96.8	156299.39	97.9
23	2206255-1A 10X	9318935.07		5080435.76	99.5	407334.20	101.0	2172075.59	98.2	157466.72	98.7
24	CCV	9615342.36		5298094.92	103.8	410249.95	101.8	2275331.84	102.8	161882.85	101.4
25	CCB	9246615.49		5160463.46	101.1	406297.10	100.8	2224846.37	100.6	157797.46	98.9
26	2206255-1MS 1...	9305101.95		5195164.92	101.8	408820.32	101.4	2216578.14	100.2	157848.86	98.9
27	2206255-1MSD ...	9137278.82		5144051.07	100.8	409723.05	101.6	2173374.34	98.2	157908.42	98.9
28	2206255-1A 100X	9266582.15		5115208.15	100.2	404337.12	100.3	2192499.13	99.1	156384.19	98.0
29	CCV	9118972.57		5084106.59	99.6	400970.67	99.5	2169058.09	98.0	157534.63	98.7
30	CCB	8837464.03		5017250.55	98.3	389335.11	96.6	2133963.14	96.5	151326.30	94.8
31	2205638-9 10X	8915738.41		5053578.57	99.0	419288.31	104.0	2136928.20	96.6	157837.41	98.9

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
32	2205638-10 10X	9121427.16		5083733.36	99.6	415409.94	103.0	2181131.06	98.6	159298.56	99.8
33	2205638-11 10X	9003637.78		5046596.59	98.9	417472.24	103.6	2143126.17	96.9	156787.00	98.2
34	2205638-12 10X	8817439.66		5067229.72	99.3	413972.89	102.7	2132371.79	96.4	157541.48	98.7
35	2205638-13 10X	8791840.49		4975356.38	97.5	406377.17	100.8	2108482.42	95.3	154153.66	96.6
36	2205638-14 10X	8809815.70		5038794.19	98.7	414694.62	102.9	2117179.92	95.7	157054.97	98.4
37	2205638-15 10X	9081988.40		5166364.92	101.2	424814.13	105.4	2169559.08	98.1	162335.58	101.7
38	2205638-16 10X	9006121.32		5172644.51	101.3	420683.60	104.4	2177137.68	98.4	160076.38	100.3
39	2205638-17 10X	9097165.70		5112872.42	100.2	424645.80	105.3	2185289.71	98.8	160934.57	100.8
40	2205638-18 10X	8914247.57		5128791.90	100.5	424874.90	105.4	2148324.76	97.1	159883.82	100.2
41	CCV	9124067.99		5119454.20	100.3	409035.11	101.5	2191049.24	99.0	159136.83	99.7
42	CCB	8708470.70		4918306.90	96.4	392281.74	97.3	2125927.83	96.1	152833.82	95.8
43	2205638-19 10X	9440418.19		5376893.57	105.3	435684.50	108.1	2245458.66	101.5	167130.15	104.7
44	2205638-20 10X	9172457.36		5170481.07	101.3	428543.82	106.3	2201088.35	99.5	162179.29	101.6
45	2205638-21 10X	9321494.66		5348926.28	104.8	442963.86	109.9	2250449.91	101.7	167508.55	105.0
46	CCV	9194816.53		5134502.42	100.6	412282.61	102.3	2203811.06	99.6	160398.44	100.5
47	CCB	9172512.57		5202894.82	101.9	408058.12	101.2	2219987.47	100.3	158165.31	99.1
48	IP220610-2MB ...	9025865.28		5081904.40	99.6	409511.50	101.6	2195088.56	99.2	160563.98	100.6
49	IM220610-2LCS...	9304122.78		5196658.57	101.8	413278.67	102.5	2220911.89	100.4	160257.84	100.4
50	2205638-22 10X	9510459.24		5368780.34	105.2	454686.24	112.8	2285737.05	103.3	170819.82	107.0
51	2205638-23 10X	9269837.57		5232321.48	102.5	438372.82	108.7	2215903.25	100.2	163537.27	102.5
52	2205638-24 10X	8998664.45		5190383.98	101.7	419749.84	104.1	2160674.86	97.7	159392.95	99.9
53	2205638-25 10X	8740099.04		5035449.51	98.6	414146.43	102.7	2130538.09	96.3	156962.70	98.3
54	2205638-26 10X	8964739.03		5138436.59	100.7	416433.63	103.3	2171665.28	98.2	156620.45	98.1
55	2205638-27 10X	9004122.78		5075170.55	99.4	384372.17	95.3	2156423.93	97.5	146358.42	91.7
56	2205638-28 10X	8478521.33		4814078.99	94.3	387907.56	96.2	2013778.82	91.0	146986.36	92.1
57	2205638-29 10X	8392185.29		4729772.22	92.7	383073.82	95.0	2024455.12	91.5	146367.75	91.7
58	CCV	8642607.16		4834354.09	94.7	374645.06	92.9	2078950.80	94.0	147067.75	92.1
59	CCB	7791131.55		4433305.56	86.9	337373.59	83.7	1891493.00	85.5	132897.16	83.3
60	2205638-30 10X	8856993.41		4941387.01	96.8	403313.40	100.0	2120257.99	95.8	154510.16	96.8
61	2205638-31 10X	8502188.00		4859248.37	95.2	399750.34	99.2	2056212.16	92.9	153237.59	96.0
62	2205638-31 100X	7922924.47		4553926.60	89.2	362273.51	89.9	1940444.40	87.7	141102.76	88.4

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
63	2205638-32 10X	8540567.58		4889995.65	95.8	401960.71	99.7	2071222.21	93.6	152044.53	95.3
64	2205638-33 10X	8799631.12		4970520.86	97.4	407802.48	101.2	2096933.56	94.8	155026.75	97.1
65	2205638-34 10X	8651457.58		4876383.05	95.5	394061.62	97.8	2066364.55	93.4	151464.33	94.9
66	2205638-35 10X	8681462.58		4877417.11	95.6	397372.87	98.6	2096527.42	94.8	152174.17	95.3
67	2205638-36 10X	8753940.08		5003897.11	98.0	402702.16	99.9	2106276.43	95.2	150791.37	94.5
68	2205638-36 100X	7878984.26		4576306.81	89.7	354746.57	88.0	1934327.94	87.4	138511.47	86.8
69	2205638-30 100X	7949894.05		4560947.43	89.4	360097.86	89.3	1941018.46	87.7	140612.59	88.1
70	CCV	8387161.75		4766861.80	93.4	374742.94	93.0	2056091.32	92.9	145837.55	91.4
71	CCB	7718220.09		4424991.18	86.7	341021.39	84.6	1893989.92	85.6	132888.30	83.3
72	2205638-37 10X	8821445.49		5007529.41	98.1	400955.06	99.5	2138149.76	96.6	153690.15	96.3
73	2205638-37 100X	8190229.88		4687274.41	91.8	366849.98	91.0	1983166.58	89.6	142929.91	89.6
74	2205638-38 10X	8560123.00		4883299.82	95.7	396460.38	98.3	2064311.69	93.3	149685.51	93.8
75	2205638-39 10X	8509183.20		4880533.37	95.6	395188.37	98.0	2051601.38	92.7	150516.17	94.3
76	2205638-40 10X	8547973.62		4856410.35	95.1	393304.63	97.6	2050674.60	92.7	152104.49	95.3
77	2205638-40 100X	8029632.59		4588421.18	89.9	363032.00	90.1	1956509.71	88.4	142878.16	89.5
78	2205638-40L 50X	8227822.38		4715523.16	92.4	369443.30	91.6	2008357.88	90.8	144180.00	90.3
79	2205638-40L 5...	7668156.14		4414499.21	86.5	339934.84	84.3	1863826.79	84.2	134035.06	84.0
80	2205638-40MS ...	8616338.00		4873999.09	95.5	393250.96	97.6	2084103.35	94.2	150440.14	94.3
81	2205638-40MS ...	7939752.59		4556271.29	89.3	360822.81	89.5	1963331.90	88.7	138109.85	86.5
82	CCV	8963042.99		5104506.38	100.0	376249.20	93.3	2180000.49	98.5	147248.08	92.3
83	CCB	7720110.72		4442136.39	87.0	341242.74	84.6	1921181.59	86.8	135103.62	84.7
84	2205638-40MSD...	8853683.41		5019667.95	98.3	404946.50	100.5	2161674.81	97.7	153714.39	96.3
85	2205638-40MSD...	8032369.88		4579145.35	89.7	369142.58	91.6	1966054.45	88.9	144216.74	90.4
86	2205638-40A 10X	8353121.33		4810303.26	94.2	388507.61	96.4	2055670.33	92.9	151178.38	94.7
87	2205638-40A 1...	8408170.29		4781053.57	93.7	380324.01	94.3	2051784.19	92.7	148091.27	92.8
88	CCV	8375930.92		4767517.95	93.4	379123.70	94.0	2061559.29	93.2	148052.57	92.8
89	CCB	7745892.38		4494867.54	88.1	348789.16	86.5	1936461.69	87.5	136787.73	85.7
90	ZZZ										
91	RINSE	7570253.22		4340708.17	85.0	338069.54	83.9	1893238.15	85.6	136360.41	85.4
92	RINSE	7594871.55		4362094.00	85.5	336995.13	83.6	1911250.02	86.4	136931.69	85.8

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
1	RINSE	15284485.61	100.0	4201928.06	100.0	15652670.59	100.0	2407712.95	100.0	3551468.07	100.0
2	RINSE	15337358.94	100.0	4249952.23	100.0	15733234.95	100.0	2395377.17	100.0	3555955.78	100.0
3	RINSE	15946179.35	100.0	4383178.06	100.0	16197097.75	100.0	2504998.58	100.0	3684188.59	100.0
4	BLANK	15024108.94	100.0	4273709.52	100.0	15335225.77	100.0	2435673.79	100.0	3521242.66	100.0
5	H/1000	15982457.26	106.4	4456533.37	104.3	16269393.03	106.1	2577738.44	105.8	3758149.95	106.7
6	H/100	15996528.51	106.5	4444921.08	104.0	16283134.41	106.2	2546533.45	104.6	3750666.82	106.5
7	H/10	15331691.86	102.0	4259224.31	99.7	15770993.74	102.8	2467308.27	101.3	3576019.74	101.6
8	HIGH	14147309.79	94.2	3910871.19	91.5	14829670.10	96.7	2320556.52	95.3	3389214.12	96.3
9	RINSE	14354443.12	95.5	4079374.31	95.5	14907537.75	97.2	2341409.51	96.1	3445740.16	97.9
10	ICV	14590013.11	97.1	4097653.90	95.9	15043367.81	98.1	2395522.20	98.4	3558792.45	101.1
11	ICB	14212403.95	94.6	4020927.23	94.1	14526149.78	94.7	2287663.70	93.9	3405124.11	96.7
12	LIV	15235980.60	101.4	4239379.73	99.2	15435842.98	100.7	2439590.20	100.2	3607664.63	102.5
13	ICSA	13958071.87	92.9	3901579.00	91.3	14743727.75	96.1	2321767.93	95.3	3406063.18	96.7
14	ICSAB	13769587.71	91.6	3816804.73	89.3	14518601.58	94.7	2248820.12	92.3	3294190.68	93.6
15	CCV	14701411.45	97.9	4160715.98	97.4	15252693.64	99.5	2425524.55	99.6	3508087.03	99.6
16	CCB	15325362.69	102.0	4333157.12	101.4	15742070.22	102.7	2506098.60	102.9	3630241.30	103.1
17	IP220613-4MB ...	13947729.38	92.8	4183323.90	97.9	14384701.00	93.8	2380422.74	97.7	3338898.80	94.8
18	IM220613-4LCS...	15018692.28	100.0	4261101.39	99.7	15404764.42	100.5	2426548.97	99.6	3564607.66	101.2
19	2206255-1 10X	14332691.87	95.4	4067327.75	95.2	14960491.31	97.6	2382881.87	97.8	3453113.60	98.1
20	2206255-1L 50X	15107583.52	100.6	4218789.31	98.7	15464747.82	100.8	2411036.91	99.0	3533407.03	100.3
21	2206255-1MS 10X	14481631.03	96.4	4078780.67	95.4	14951311.69	97.5	2378003.07	97.6	3472585.26	98.6
22	2206255-1MSD ...	14224551.87	94.7	4028600.77	94.3	14859956.07	96.9	2352738.11	96.6	3455796.72	98.1
23	2206255-1A 10X	14442753.12	96.1	4067053.17	95.2	15024747.13	98.0	2372521.15	97.4	3496703.07	99.3
24	CCV	15345617.27	102.1	4270612.64	99.9	15887492.79	103.6	2472761.97	101.5	3627498.49	103.0
25	CCB	15322631.02	102.0	4296740.46	100.5	15424316.69	100.6	2469634.01	101.4	3541625.88	100.6
26	2206255-1MS 1...	15300290.60	101.8	4262919.41	99.7	15566265.29	101.5	2449291.42	100.6	3562962.03	101.2
27	2206255-1MSD ...	15019548.53	100.0	4234743.68	99.1	15376438.90	100.3	2403653.65	98.7	3541405.78	100.6
28	2206255-1A 100X	14990417.69	99.8	4179529.00	97.8	15507848.45	101.1	2421494.02	99.4	3552483.18	100.9
29	CCV	14772739.36	98.3	4128174.11	96.6	15278872.25	99.6	2426122.93	99.6	3496632.24	99.3
30	CCB	14720901.86	98.0	4129812.33	96.6	15172337.91	98.9	2368370.39	97.2	3500691.40	99.4
31	2205638-9 10X	14283851.45	95.1	4019751.92	94.1	14739882.04	96.1	2356698.94	96.8	3442064.22	97.8

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
32	2205638-10 10X	14349491.45	95.5	4030437.86	94.3	14997121.18	97.8	2346581.25	96.3	3477253.80	98.8
33	2205638-11 10X	14090916.04	93.8	4027007.75	94.2	14872149.03	97.0	2364572.13	97.1	3421748.28	97.2
34	2205638-12 10X	14207637.71	94.6	4021534.94	94.1	14851329.62	96.8	2349755.17	96.5	3435168.18	97.6
35	2205638-13 10X	13922302.71	92.7	3907884.11	91.4	14572324.07	95.0	2275155.68	93.4	3366874.22	95.6
36	2205638-14 10X	14223144.79	94.7	4035039.31	94.4	14739709.48	96.1	2348819.35	96.4	3462232.14	98.3
37	2205638-15 10X	14424677.28	96.0	4088426.40	95.7	15001005.15	97.8	2395814.61	98.4	3488873.28	99.1
38	2205638-16 10X	14579917.70	97.0	4168185.77	97.5	15227320.99	99.3	2400338.15	98.5	3524799.32	100.1
39	2205638-17 10X	14421574.37	96.0	4081669.31	95.5	15038053.75	98.1	2413430.66	99.1	3484578.07	99.0
40	2205638-18 10X	14356376.04	95.6	4107638.27	96.1	15018731.40	97.9	2375569.64	97.5	3503485.26	99.5
41	CCV	15046090.19	100.1	4238189.83	99.2	15657444.17	102.1	2487047.62	102.1	3623279.63	102.9
42	CCB	14661018.53	97.6	4173299.63	97.7	14947159.81	97.5	2390874.50	98.2	3455132.87	98.1
43	2205638-19 10X	14922381.86	99.3	4192486.19	98.1	15298633.00	99.8	2440566.20	100.2	3571224.32	101.4
44	2205638-20 10X	14579078.12	97.0	4094725.25	95.8	15058819.69	98.2	2381466.01	97.8	3493861.20	99.2
45	2205638-21 10X	14847570.20	98.8	4198851.08	98.2	15502897.31	101.1	2450365.44	100.6	3602058.18	102.3
46	CCV	15042045.61	100.1	4255250.15	99.6	15698827.42	102.4	2470473.21	101.4	3580068.18	101.7
47	CCB	15383885.19	102.4	4323597.13	101.2	15715564.61	102.5	2476148.85	101.7	3606572.76	102.4
48	IP220610-2MB ...	15228949.36	101.4	4400213.68	103.0	15479879.42	100.9	2503836.34	102.8	3575102.97	101.5
49	IM220610-2LCS...	15311336.85	101.9	4362965.14	102.1	15659884.26	102.1	2485567.67	102.0	3627640.57	103.0
50	2205638-22 10X	14913844.36	99.3	4290694.73	100.4	15365004.14	100.2	2496115.97	102.5	3530998.07	100.3
51	2205638-23 10X	14520696.45	96.6	4194792.64	98.2	15253132.89	99.5	2436742.82	100.0	3499748.38	99.4
52	2205638-24 10X	14446151.87	96.2	4119932.44	96.4	15061618.41	98.2	2399740.60	98.5	3530696.93	100.3
53	2205638-25 10X	14182355.20	94.4	4064858.48	95.1	14647922.47	95.5	2348064.06	96.4	3432353.39	97.5
54	2205638-26 10X	14576592.70	97.0	4041687.13	94.6	15059903.13	98.2	2365433.87	97.1	3480814.22	98.9
55	2205638-27 10X	14352841.04	95.5	3780050.25	88.4	14937711.77	97.4	2199520.61	90.3	3455560.68	98.1
56	2205638-28 10X	13443976.05	89.5	3742897.02	87.6	14086696.74	91.9	2172160.30	89.2	3242892.97	92.1
57	2205638-29 10X	13313628.14	88.6	3766784.73	88.1	13770176.25	89.8	2181990.50	89.6	3216881.93	91.4
58	CCV	14202818.54	94.5	3950190.67	92.4	14767361.88	96.3	2297888.75	94.3	3356131.30	95.3
59	CCB	13057033.14	86.9	3657415.88	85.6	13345907.05	87.0	2101617.18	86.3	3102189.95	88.1
60	2205638-30 10X	13744767.29	91.5	3941835.25	92.2	14351779.37	93.6	2308077.53	94.8	3265397.76	92.7
61	2205638-31 10X	13533053.55	90.1	3821954.53	89.4	14274460.94	93.1	2254578.11	92.6	3303429.53	93.8
62	2205638-31 100X	13350368.55	88.9	3833517.13	89.7	13906688.80	90.7	2209507.77	90.7	3191063.28	90.6

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
63	2205638-32 10X	13718180.63	91.3	3910263.59	91.5	14204534.94	92.6	2265007.26	93.0	3299621.93	93.7
64	2205638-33 10X	13719193.13	91.3	3873040.25	90.6	14352579.39	93.6	2267737.28	93.1	3318911.93	94.3
65	2205638-34 10X	13749640.21	91.5	3875933.69	90.7	14234626.98	92.8	2255728.29	92.6	3312103.18	94.1
66	2205638-35 10X	13823119.38	92.0	3891425.78	91.1	14372116.86	93.7	2252668.77	92.5	3314270.68	94.1
67	2205638-36 10X	13716501.88	91.3	3810461.61	89.2	14400407.13	93.9	2264125.77	93.0	3296423.18	93.6
68	2205638-36 100X	13340007.30	88.8	3764977.24	88.1	13816480.66	90.1	2158702.17	88.6	3196050.06	90.8
69	2205638-30 100X	13373443.97	89.0	3751222.65	87.8	13801795.11	90.0	2172640.40	89.2	3174872.56	90.2
70	CCV	14004925.21	93.2	3902086.71	91.3	14392675.87	93.9	2293715.42	94.2	3388259.33	96.2
71	CCB	13070390.22	87.0	3640759.63	85.2	13461503.40	87.8	2083594.70	85.5	3111614.96	88.4
72	2205638-37 10X	13968676.88	93.0	3882582.03	90.8	14457479.39	94.3	2266631.31	93.1	3341872.03	94.9
73	2205638-37 100X	13776425.21	91.7	3881685.57	90.8	14209405.63	92.7	2231992.64	91.6	3284655.26	93.3
74	2205638-38 10X	13788056.04	91.8	3882342.96	90.8	14395239.09	93.9	2241912.30	92.0	3314227.14	94.1
75	2205638-39 10X	13658923.54	90.9	3844700.98	90.0	14103109.79	92.0	2235903.14	91.8	3294771.51	93.6
76	2205638-40 10X	13532351.47	90.1	3871188.17	90.6	14248743.45	92.9	2263893.02	92.9	3267372.66	92.8
77	2205638-40 100X	13443454.38	89.5	3809201.51	89.1	13963158.22	91.1	2190012.06	89.9	3214813.08	91.3
78	2205638-40L 50X	13728602.29	91.4	3844158.90	89.9	14199979.66	92.6	2213412.87	90.9	3250563.18	92.3
79	2205638-40L 5...	12902885.23	85.9	3692588.17	86.4	13325272.99	86.9	2130412.99	87.5	3085713.60	87.6
80	2205638-40MS ...	13653978.54	90.9	3839846.09	89.8	14290306.15	93.2	2245876.91	92.2	3270286.93	92.9
81	2205638-40MS ...	13307773.97	88.6	3786718.48	88.6	13736617.91	89.6	2181621.71	89.6	3172151.93	90.1
82	CCV	15034471.02	100.1	3881391.82	90.8	15615517.52	101.8	2276836.53	93.5	3588610.57	101.9
83	CCB	13122831.89	87.3	3672942.55	85.9	13447976.77	87.7	2120632.05	87.1	3142728.18	89.3
84	2205638-40MSD...	14002261.87	93.2	3959482.86	92.6	14704475.54	95.9	2301224.75	94.5	3365721.82	95.6
85	2205638-40MSD...	13436969.80	89.4	3886575.25	90.9	14051685.96	91.6	2227405.43	91.4	3235063.60	91.9
86	2205638-40A 10X	13384973.97	89.1	3819907.75	89.4	14105994.84	92.0	2255015.44	92.6	3230114.64	91.7
87	2205638-40A 1...	14006873.13	93.2	3952620.46	92.5	14522304.40	94.7	2270911.61	93.2	3356229.74	95.3
88	CCV	14057053.96	93.6	3944365.15	92.3	14616704.47	95.3	2295513.12	94.2	3369205.68	95.7
89	CCB	13275099.80	88.4	3734775.15	87.4	13616561.32	88.8	2156256.12	88.5	3155747.56	89.6
90	ZZZ										
91	RINSE	12824088.98	85.4	3657555.47	85.6	13183950.69	86.0	2085746.53	85.6	3019115.06	85.7
92	RINSE	12879855.22	85.7	3662147.34	85.7	13366822.64	87.2	2139913.93	87.9	3051698.70	86.7

ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
1	RINSE	642580.28	100.0	12316694.82	100.0	3497533.60	100.0
2	RINSE	649152.96	100.0	12380337.31	100.0	3508154.64	100.0
3	RINSE	665684.05	100.0	12942369.81	100.0	3629687.76	100.0
4	BLANK	658191.30	100.0	12222401.90	100.0	3597352.24	100.0
5	H/1000	681015.54	103.5	12829790.22	105.0	3714553.17	103.3
6	H/100	685885.12	104.2	12796748.14	104.7	3748184.53	104.2
7	H/10	670542.62	101.9	12304418.15	100.7	3570390.26	99.3
8	HIGH	624836.52	94.9	11142005.25	91.2	3168304.95	88.1
9	RINSE	622271.89	94.5	12102549.82	99.0	3440803.91	95.6
10	ICV	658931.08	100.1	11992524.82	98.1	3475447.86	96.6
11	ICB	621479.21	94.4	11851588.99	97.0	3419226.51	95.0
12	LIV	666040.54	101.2	12517334.81	102.4	3620750.36	100.7
13	ICSA	613292.14	93.2	11661225.66	95.4	3337227.55	92.8
14	ICSAB	594250.58	90.3	11158920.25	91.3	3200590.99	89.0
15	CCV	653915.65	99.4	12192660.23	99.8	3541513.18	98.4
16	CCB	663742.28	100.8	12721898.56	104.1	3647967.03	101.4
17	IP220613-4MB ...	638947.23	97.1	11727141.91	95.9	3533134.43	98.2
18	IM220613-4LCS...	663696.94	100.8	12267453.57	100.4	3557191.20	98.9
19	2206255-1 10X	643569.91	97.8	11924610.66	97.6	3422369.64	95.1
20	2206255-1L 50X	651890.04	99.0	12369586.07	101.2	3540340.15	98.4
21	2206255-1MS 10X	636554.98	96.7	11966669.41	97.9	3427316.82	95.3
22	2206255-1MSD ...	637916.29	96.9	11828957.74	96.8	3368644.43	93.6
23	2206255-1A 10X	636405.19	96.7	11894462.32	97.3	3410227.87	94.8
24	CCV	671716.21	102.1	12438630.65	101.8	3564673.49	99.1
25	CCB	648105.07	98.5	12253591.07	100.3	3525669.22	98.0
26	2206255-1MS 1...	652853.09	99.2	12424378.15	101.7	3566350.05	99.1
27	2206255-1MSD ...	646461.76	98.2	12323791.06	100.8	3571580.36	99.3
28	2206255-1A 100X	652764.62	99.2	12253431.07	100.3	3535088.49	98.3
29	CCV	653708.31	99.3	12164541.49	99.5	3515204.43	97.7
30	CCB	633758.66	96.3	12258444.40	100.3	3568375.67	99.2
31	2205638-9 10X	634634.72	96.4	12043660.66	98.5	3473615.78	96.6

ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
32	2205638-10 10X	643373.96	97.7	12195796.48	99.8	3478822.97	96.7
33	2205638-11 10X	634310.85	96.4	12084562.32	98.9	3466814.22	96.4
34	2205638-12 10X	634869.07	96.5	12091651.49	98.9	3448307.86	95.9
35	2205638-13 10X	622883.34	94.6	12119698.57	99.2	3394887.24	94.4
36	2205638-14 10X	639155.66	97.1	12077220.65	98.8	3487229.95	96.9
37	2205638-15 10X	645413.05	98.1	12158043.57	99.5	3504008.49	97.4
38	2205638-16 10X	650927.76	98.9	12547424.81	102.7	3567230.26	99.2
39	2205638-17 10X	649714.01	98.7	12457135.23	101.9	3533649.12	98.2
40	2205638-18 10X	651283.13	99.0	12398370.65	101.4	3517738.59	97.8
41	CCV	660667.75	100.4	12454839.40	101.9	3590263.38	99.8
42	CCB	630821.55	95.8	12037328.57	98.5	3485740.78	96.9
43	2205638-19 10X	649245.23	98.6	12477490.65	102.1	3552885.99	98.8
44	2205638-20 10X	641895.03	97.5	12232542.74	100.1	3482369.84	96.8
45	2205638-21 10X	657029.38	99.8	12586195.65	103.0	3598326.51	100.0
46	CCV	662868.90	100.7	12462686.90	102.0	3597247.13	100.0
47	CCB	653021.10	99.2	12661590.65	103.6	3641193.91	101.2
48	IP220610-2MB ...	656072.22	99.7	12502707.73	102.3	3695217.13	102.7
49	IM220610-2LCS...	658827.89	100.1	12607598.98	103.2	3628708.70	100.9
50	2205638-22 10X	659515.03	100.2	12546758.98	102.7	3625880.88	100.8
51	2205638-23 10X	649997.97	98.8	12392035.65	101.4	3586693.69	99.7
52	2205638-24 10X	646166.76	98.2	12318283.98	100.8	3500178.80	97.3
53	2205638-25 10X	633215.29	96.2	12035995.24	98.5	3512210.16	97.6
54	2205638-26 10X	637540.44	96.9	12371433.98	101.2	3478662.56	96.7
55	2205638-27 10X	589178.08	89.5	12127037.32	99.2	3229235.78	89.8
56	2205638-28 10X	585369.93	88.9	11378450.66	93.1	3226225.05	89.7
57	2205638-29 10X	592447.71	90.0	11383034.00	93.1	3246390.78	90.2
58	CCV	608680.15	92.5	11754896.49	96.2	3332567.66	92.6
59	CCB	550659.40	83.7	10961921.09	89.7	3074396.93	85.5
60	2205638-30 10X	598799.34	91.0	11701072.74	95.7	3349629.32	93.1
61	2205638-31 10X	602024.59	91.5	11523929.41	94.3	3288798.81	91.4
62	2205638-31 100X	585546.49	89.0	11484483.58	94.0	3292030.47	91.5

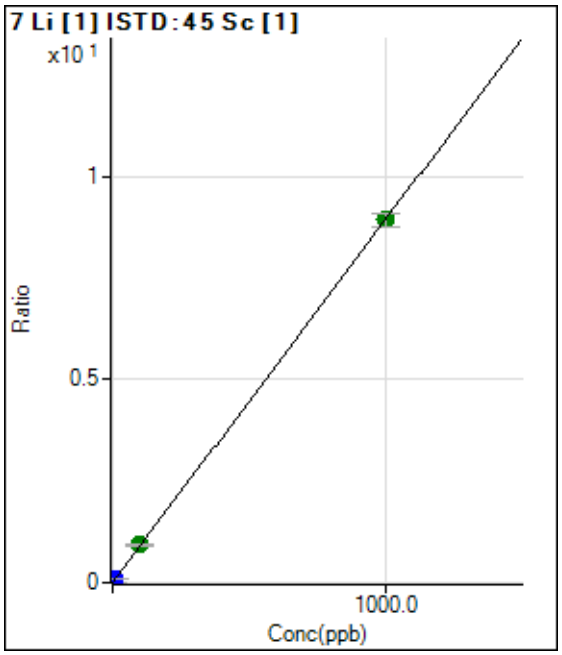
ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
63	2205638-32 10X	600695.76	91.3	11790804.82	96.5	3366165.37	93.6
64	2205638-33 10X	602312.60	91.5	11669963.99	95.5	3311798.70	92.1
65	2205638-34 10X	602424.26	91.5	11667821.08	95.5	3299828.18	91.7
66	2205638-35 10X	600925.38	91.3	11586306.49	94.8	3323121.83	92.4
67	2205638-36 10X	593338.85	90.1	11603194.00	94.9	3304515.26	91.9
68	2205638-36 100X	571606.13	86.8	11327248.58	92.7	3234055.89	89.9
69	2205638-30 100X	576199.96	87.5	11357316.08	92.9	3245588.28	90.2
70	CCV	607239.58	92.3	11715527.74	95.9	3355927.45	93.3
71	CCB	543780.72	82.6	10930647.34	89.4	3070168.70	85.3
72	2205638-37 10X	595155.93	90.4	11778836.91	96.4	3328949.01	92.5
73	2205638-37 100X	586300.25	89.1	11578989.41	94.7	3319978.18	92.3
74	2205638-38 10X	599878.68	91.1	11809578.57	96.6	3355169.12	93.3
75	2205638-39 10X	594772.78	90.4	11615420.66	95.0	3266076.20	90.8
76	2205638-40 10X	596979.05	90.7	11474174.41	93.9	3277160.78	91.1
77	2205638-40 100X	576423.21	87.6	11320630.25	92.6	3253104.22	90.4
78	2205638-40L 50X	586163.81	89.1	11540684.41	94.4	3293436.20	91.6
79	2205638-40L 5...	557894.99	84.8	10897106.50	89.2	3124518.81	86.9
80	2205638-40MS ...	589436.83	89.6	11552687.75	94.5	3272600.58	91.0
81	2205638-40MS ...	576463.19	87.6	11303965.67	92.5	3249252.14	90.3
82	CCV	600489.68	91.2	12557446.90	102.7	3331295.26	92.6
83	CCB	551119.98	83.7	10987273.59	89.9	3104940.37	86.3
84	2205638-40MSD...	602840.60	91.6	11871390.24	97.1	3388605.99	94.2
85	2205638-40MSD...	586274.04	89.1	11512801.50	94.2	3296259.01	91.6
86	2205638-40A 10X	588696.81	89.4	11524711.08	94.3	3302191.41	91.8
87	2205638-40A 1...	600452.01	91.2	11617047.33	95.0	3328355.68	92.5
88	CCV	611521.46	92.9	11781288.57	96.4	3369955.99	93.7
89	CCB	553998.31	84.2	11160114.42	91.3	3155233.60	87.7
90	ZZZ						
91	RINSE	536750.49	81.5	10968931.92	89.7	3082665.16	85.7
92	RINSE	535329.76	81.3	10926070.67	89.4	3061889.75	85.1

Calibration for 008CALS_22F14i00.D

Batch Folder:	C:\ICPMH\1\DATA\22F14j00.B\
Analysis File:	22F14j00.batch.xml
DA Date-Time:	6/14/2022 14:40:16
Calibration Title:	
Calibration Method:	External Calibration
VIS Interpolation Fit:	
Tune Step:	#1 nogas.u
	#2 hehe.u

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB_22F14i00.D	BLANK	6/14/2022 09:06:41
2	005CALS_22F14i00.D	H/1000	6/14/2022 09:09:41
3	006CALS_22F14i00.D	H/100	6/14/2022 09:15:38
4	007CALS_22F14i00.D	H/10	6/14/2022 09:21:33
5	008CALS_22F14i00.D	HIGH	6/14/2022 09:27:25
6			



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	1799.45	0.0002	P	6.2
2	☐	1.0000	0.9618	85205.10	0.0088	P	4.0
3	☐	10.0000	9.6780	837826.52	0.0867	P	4.8
4	☐	100.0000	105.5212	8909613.00	0.9429	A	4.6
5	☐	1000.0000	999.4511	84791733.33	8.9292	A	3.6
6	☐	200.0000					

y = 0.0089 * x + 1.9842E-004

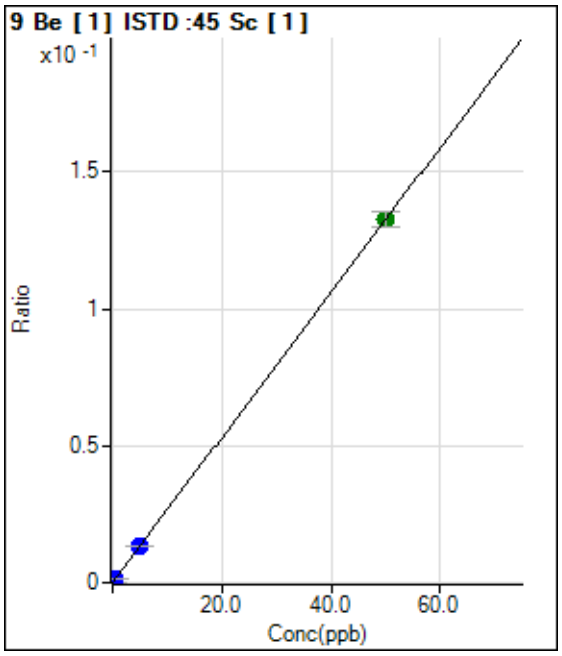
R = 1.0000

DL = 0.004122

BEC = 0.02221

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	31.33	0.0000	P	20.9
2	☐	0.0500	0.0495	1305.40	0.0001	P	2.7
3	☐	0.5000	0.5030	12913.60	0.0013	P	4.9
4	☐	5.0000	5.0063	125369.69	0.0133	P	3.3
5	☐	50.0000	49.9993	1257448.42	0.1324	A	4.3
6	☐	10.0000					

y = 0.0026 * x + 3.4604E-006

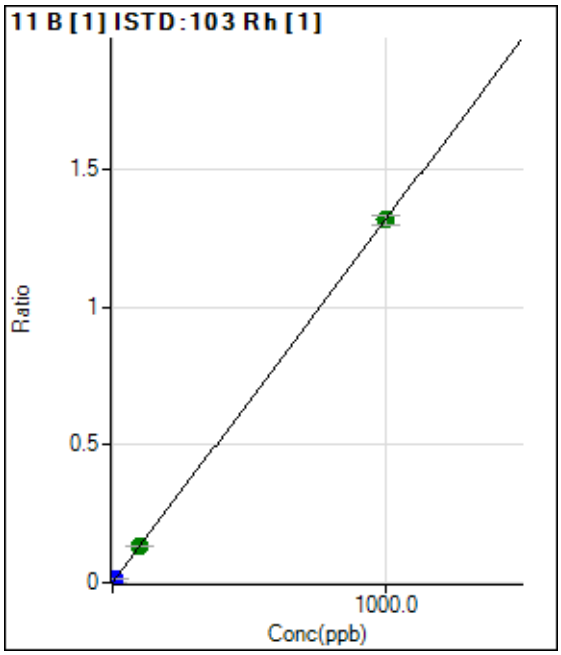
R = 1.0000

DL = 0.0008174

BEC = 0.001306

Weight: None

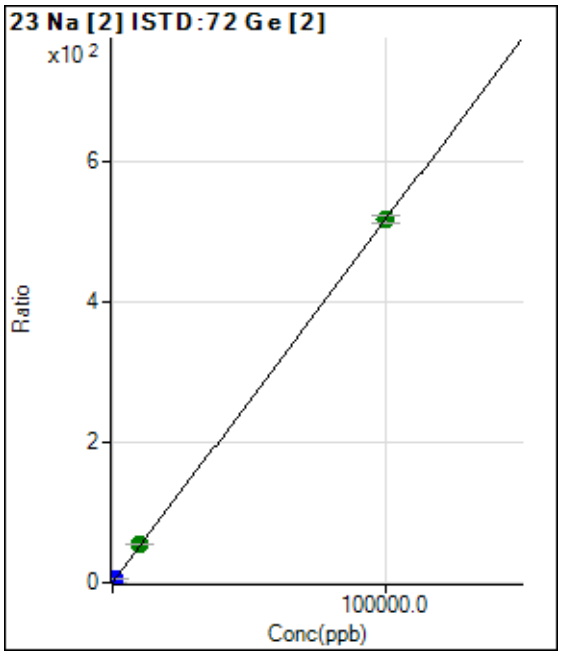
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	7969.74	0.0005	P	3.2
2	☐	1.0000	1.0055	29608.07	0.0019	P	3.6
3	☐	10.0000	8.9770	197410.72	0.0123	P	2.3
4	☐	100.0000	100.7132	2040599.85	0.1331	A	1.4
5	☐	1000.0000	999.9389	18621042.59	1.3169	A	2.3
6	☐	200.0000					

y = 0.0013 * x + 5.3097E-004
R = 1.0000
DL = 0.03883
BEC = 0.4033

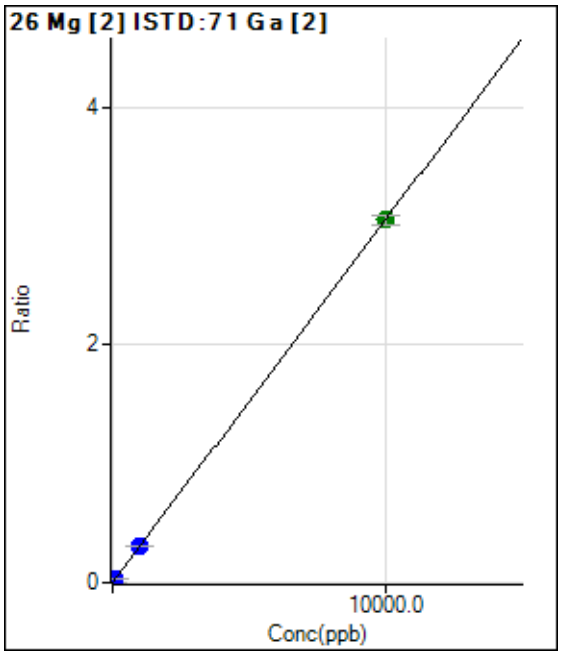
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	7825.50	0.0490	P	2.4
2	☐	100.0000	109.1331	101797.43	0.6132	P	0.8
3	☐	1000.0000	1006.5759	875177.54	5.2527	P	0.7
4	☐	10000.0000	10497.4501	8805298.62	54.3171	A	0.8
5	☐	100000.0000	99950.1801	82419568.77	516.7553	A	2.0
6	☐	20000.0000					

y = 0.0052 * x + 0.0490
R = 1.0000
DL = 0.6767
BEC = 9.486

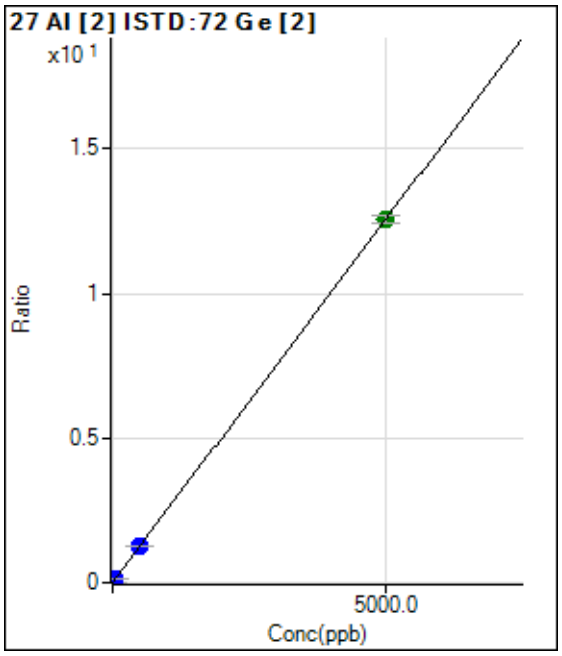
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	53.33	0.0001	P	75.3
2	☐	10.0000	11.0849	1486.80	0.0035	P	7.4
3	☐	100.0000	104.5881	13656.23	0.0320	P	7.1
4	☐	1000.0000	1017.2315	127998.35	0.3104	P	0.6
5	☐	10000.0000	9998.2299	1223839.80	3.0494	A	2.6
6	☐	2000.0000					

y = 3.0498E-004 * x + 1.3132E-004
R = 1.0000
DL = 0.9724
BEC = 0.4306

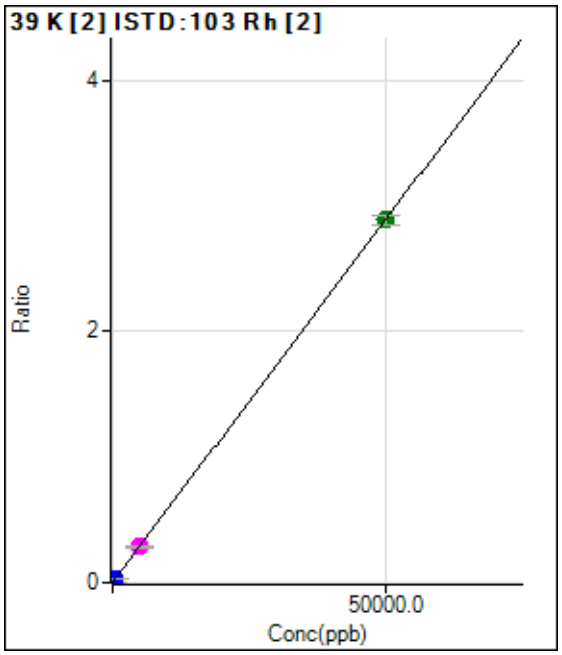
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	230.01	0.0014	P	27.2
2	☐	5.0000	5.8467	2673.67	0.0161	P	3.4
3	☐	50.0000	51.2682	21661.47	0.1300	P	2.3
4	☐	500.0000	508.2670	206862.34	1.2760	P	0.9
5	☐	5000.0000	4999.1598	1999694.81	12.5380	A	2.2
6	☐	1000.0000					

y = 0.0025 * x + 0.0014
R = 1.0000
DL = 0.4698
BEC = 0.5758

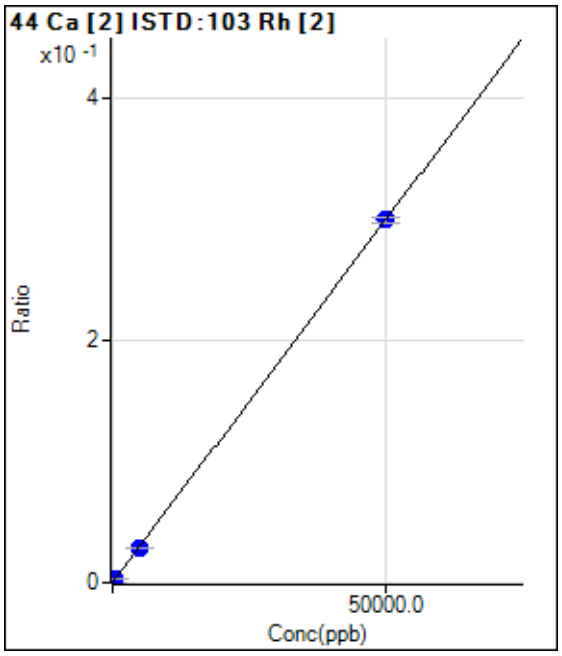
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	5908.00	0.0014	P	0.4
2	☐	50.0000	57.8235	21024.16	0.0047	P	7.5
3	☐	500.0000	494.8540	133087.03	0.0299	P	0.6
4	☐	5000.0000	4957.0800	1223995.61	0.2875	M	3.6
5	☐	50000.0000	50004.3356	11289655.25	2.8872	A	2.3
6	☐	10000.0000					

y = 5.7712E-005 * x + 0.0014
R = 1.0000
DL = 0.3159
BEC = 23.95

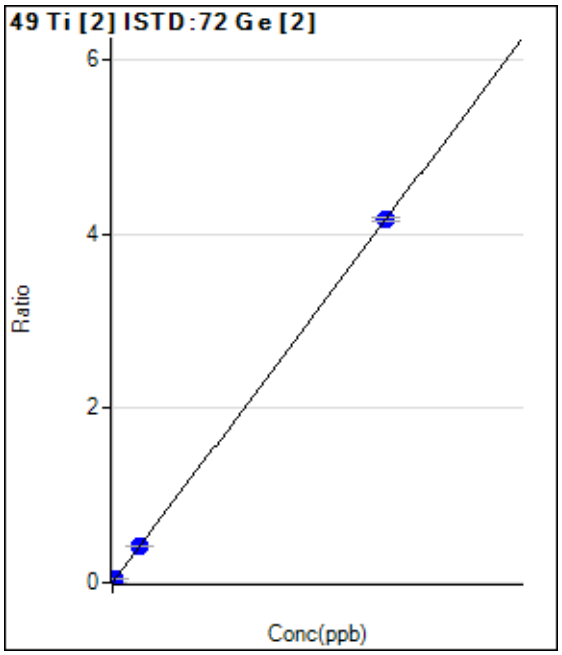
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	91.36	0.0000	P	12.2
2	☐	50.0000	57.9669	1642.22	0.0004	P	12.7
3	☐	500.0000	485.5960	13010.65	0.0029	P	4.5
4	☐	5000.0000	4769.9136	121626.54	0.0286	P	3.2
5	☐	50000.0000	50023.1447	1170623.48	0.2994	P	1.7
6	☐	10000.0000					

y = 5.9841E-006 * x + 2.1383E-005
R = 1.0000
DL = 1.304
BEC = 3.573

Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	10.00	0.0001	P	98.8
2	☐	3.0000	3.7481	873.41	0.0053	P	13.2
3	☐	30.0000	29.7794	6891.75	0.0414	P	1.4
4	☐	300.0000	302.8540	68101.87	0.4201	P	0.9
5	☐	3000.0000	2999.7161	663657.57	4.1603	P	1.0
6	☐	400.0000					

y = 0.0014 * x + 6.2637E-005

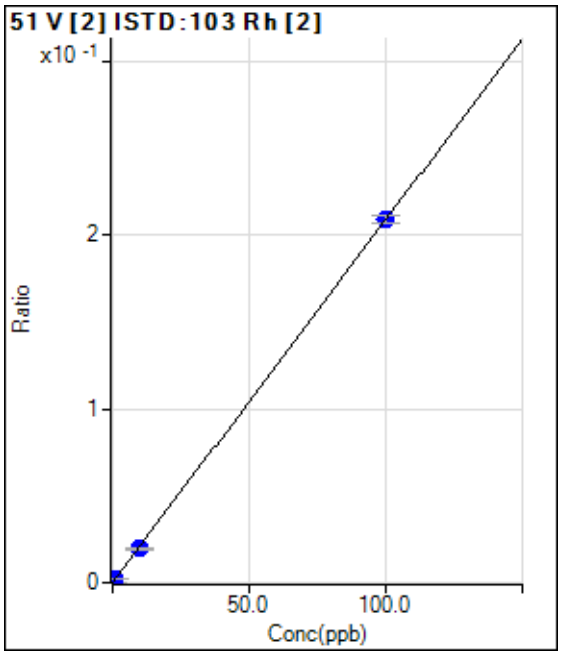
R = 1.0000

DL = 0.1339

BEC = 0.04516

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	189.00	0.0000	P	2.4
2	☐	0.1000	0.1105	1225.05	0.0003	P	8.0
3	☐	1.0000	0.9324	8847.05	0.0020	P	0.8
4	☐	10.0000	9.3548	83332.12	0.0196	P	2.3
5	☐	100.0000	100.0652	816846.67	0.2089	P	2.0
6	☐	20.0000					

y = 0.0021 * x + 4.4223E-005

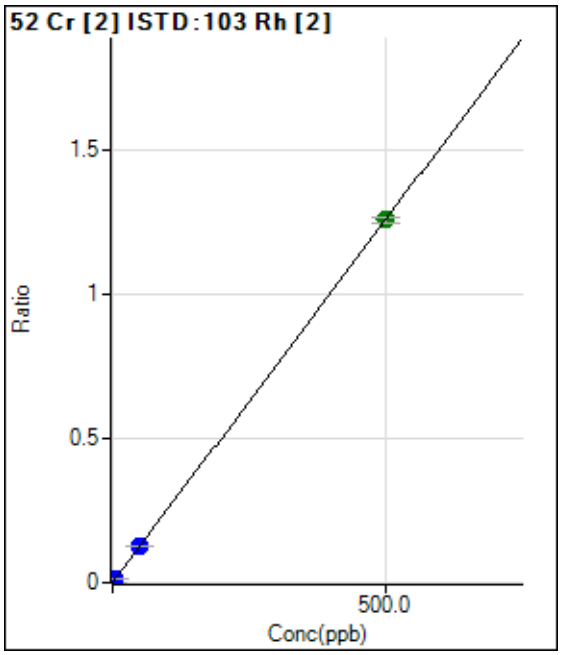
R = 1.0000

DL = 0.001545

BEC = 0.02119

Weight: None

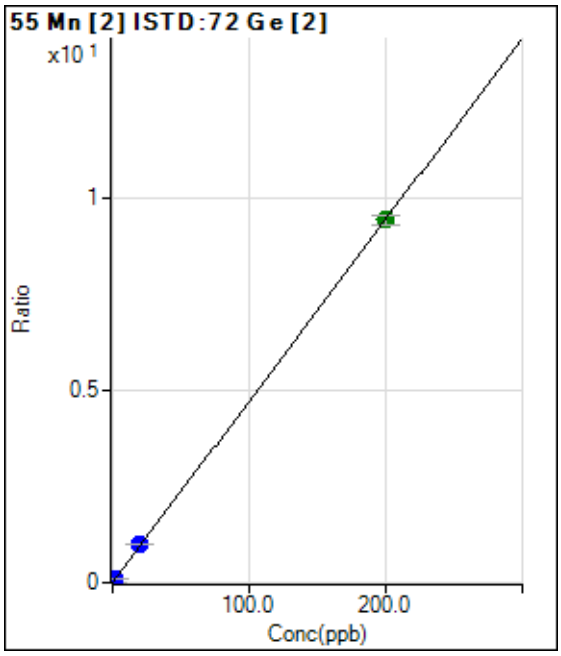
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	297.79	0.0001	P	9.7
2	☐	0.5000	0.5092	6028.21	0.0014	P	3.8
3	☐	5.0000	4.9777	56044.58	0.0126	P	0.5
4	☐	50.0000	49.6413	532785.69	0.1251	P	2.2
5	☐	500.0000	500.0361	4925891.75	1.2597	A	1.3
6	☐	100.0000					

y = 0.0025 * x + 6.9692E-005
R = 1.0000
DL = 0.008055
BEC = 0.02767

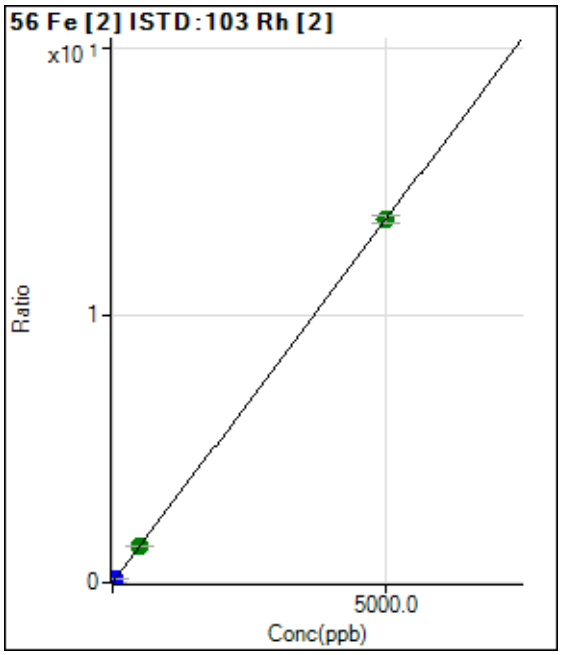
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	367.79	0.0023	P	11.1
2	☐	0.2000	0.2628	2438.00	0.0147	P	7.3
3	☐	2.0000	2.1343	17140.20	0.1029	P	2.3
4	☐	20.0000	20.7645	158997.55	0.9808	P	0.7
5	☐	200.0000	199.9221	1502749.53	9.4232	A	2.6
6	☐	40.0000					

y = 0.0471 * x + 0.0023
R = 1.0000
DL = 0.01623
BEC = 0.04883

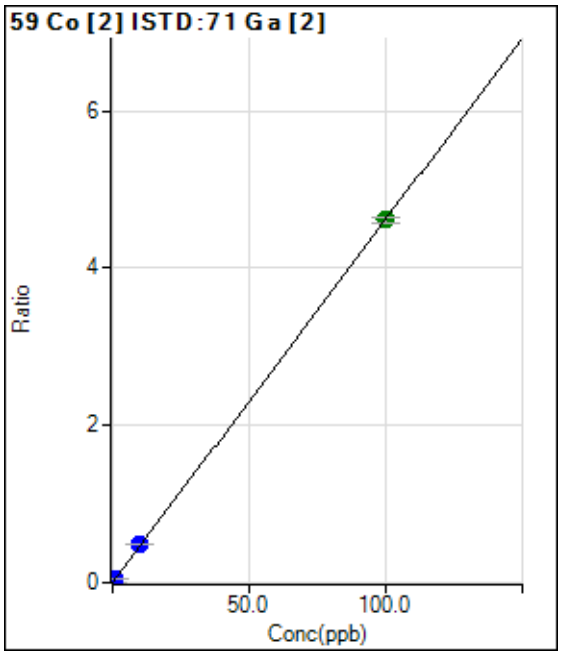
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	8399.21	0.0020	P	6.8
2	☐	5.0000	5.6371	76914.40	0.0173	P	1.7
3	☐	50.0000	51.2687	627037.67	0.1411	P	0.5
4	☐	500.0000	499.1849	5775780.54	1.3564	A	2.5
5	☐	5000.0000	5000.0682	53056004.21	13.5683	A	2.0
6	☐	1000.0000					

y = 0.0027 * x + 0.0020
R = 1.0000
DL = 0.1469
BEC = 0.7245

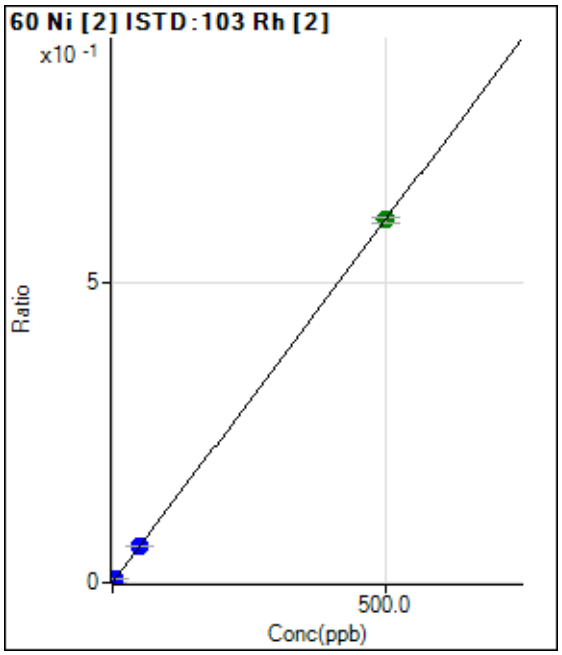
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	66.67	0.0002	P	31.6
2	☐	0.1000	0.1058	2135.73	0.0050	P	5.7
3	☐	1.0000	1.0667	21051.42	0.0494	P	0.8
4	☐	10.0000	10.4785	199434.80	0.4836	P	0.2
5	☐	100.0000	99.9515	1850234.03	4.6112	A	1.9
6	☐	20.0000					

y = 0.0461 * x + 1.6492E-004
R = 1.0000
DL = 0.003387
BEC = 0.003575

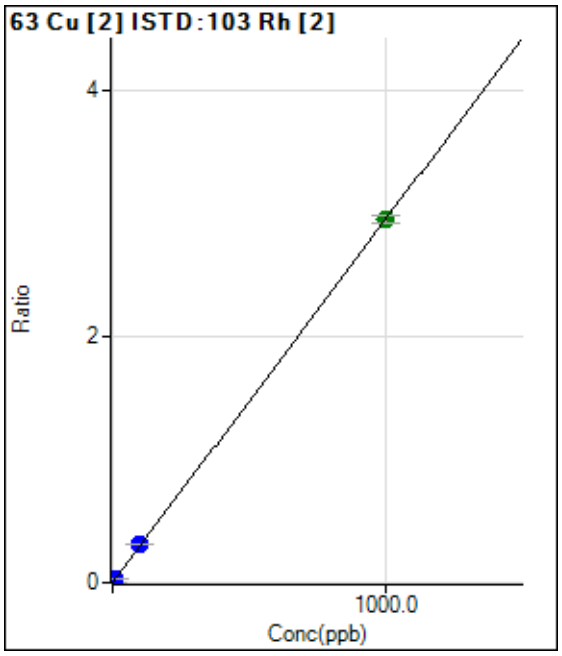
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	54.45	0.0000	P	30.6
2	☐	0.5000	0.4970	2742.50	0.0006	P	2.9
3	☐	5.0000	5.1302	27708.98	0.0062	P	1.8
4	☐	50.0000	50.7590	262155.84	0.0616	P	2.9
5	☐	500.0000	499.9228	2370708.31	0.6062	A	1.4
6	☐	100.0000					

y = 0.0012 * x + 1.2735E-005
R = 1.0000
DL = 0.009637
BEC = 0.0105

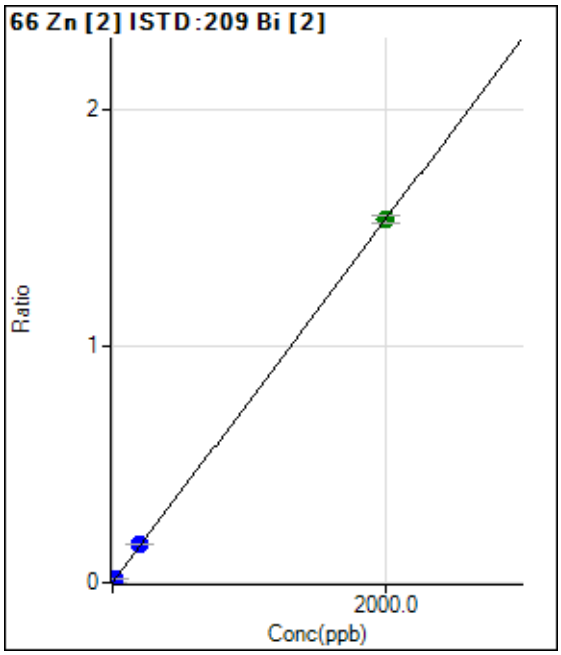
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	1003.38	0.0002	P	4.1
2	☐	1.0000	1.0604	14992.57	0.0034	P	0.8
3	☐	10.0000	10.7199	141669.94	0.0319	P	0.9
4	☐	100.0000	105.5682	1327805.85	0.3118	P	1.8
5	☐	1000.0000	999.4359	11534652.04	2.9499	A	2.3
6	☐	200.0000					

y = 0.0030 * x + 2.3478E-004
R = 1.0000
DL = 0.009723
BEC = 0.07955

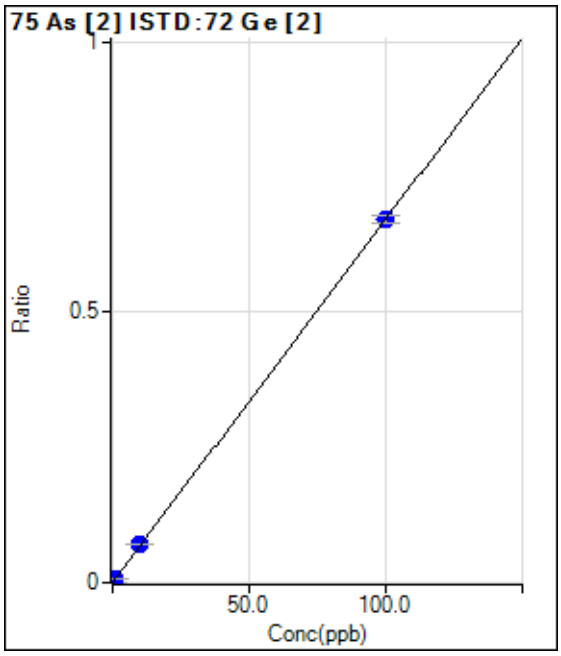
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	310.02	0.0001	P	16.8
2	☐	2.0000	2.5551	7615.49	0.0021	P	3.8
3	☐	20.0000	21.5311	62363.90	0.0166	P	0.9
4	☐	200.0000	211.6952	581382.19	0.1628	P	0.4
5	☐	2000.0000	1998.8146	4868247.95	1.5367	A	2.2
6	☐	400.0000					

y = 7.6878E-004 * x + 8.6158E-005
R = 1.0000
DL = 0.05644
BEC = 0.1121

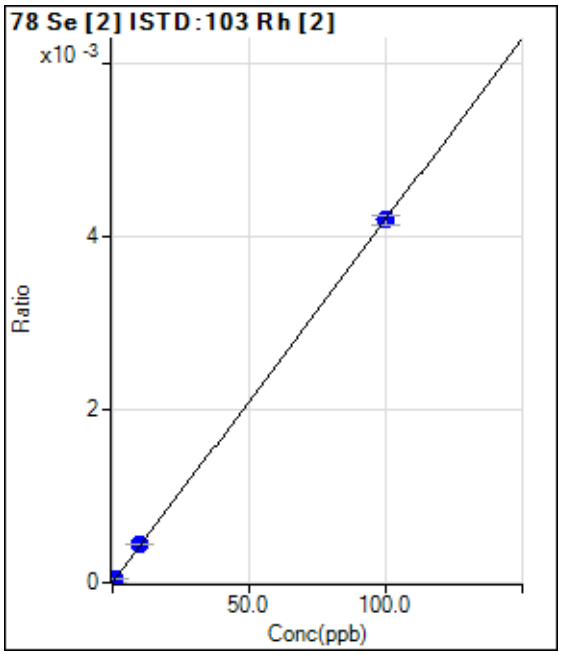
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	9.67	0.0001	P	14.2
2	☐	0.1000	0.1187	142.33	0.0009	P	4.2
3	☐	1.0000	1.0776	1215.38	0.0073	P	1.6
4	☐	10.0000	10.4527	11385.68	0.0702	P	1.0
5	☐	100.0000	99.9539	107026.38	0.6711	P	2.2
6	☐	20.0000					

y = 0.0067 * x + 6.0468E-005
R = 1.0000
DL = 0.003824
BEC = 0.009007

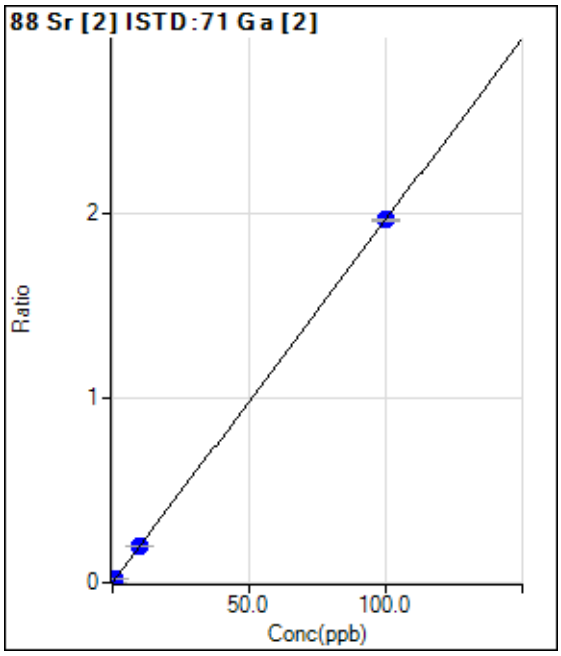
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	0.93	0.0000	P	49.5
2	☐	0.1000	0.1049	20.53	0.0000	P	21.7
3	☐	1.0000	1.0633	198.93	0.0000	P	3.4
4	☐	10.0000	10.4597	1866.64	0.0004	P	2.0
5	☐	100.0000	99.9534	16371.01	0.0042	P	2.7
6	☐	20.0000					

y = 4.1884E-005 * x + 2.1836E-007
R = 1.0000
DL = 0.007737
BEC = 0.005213

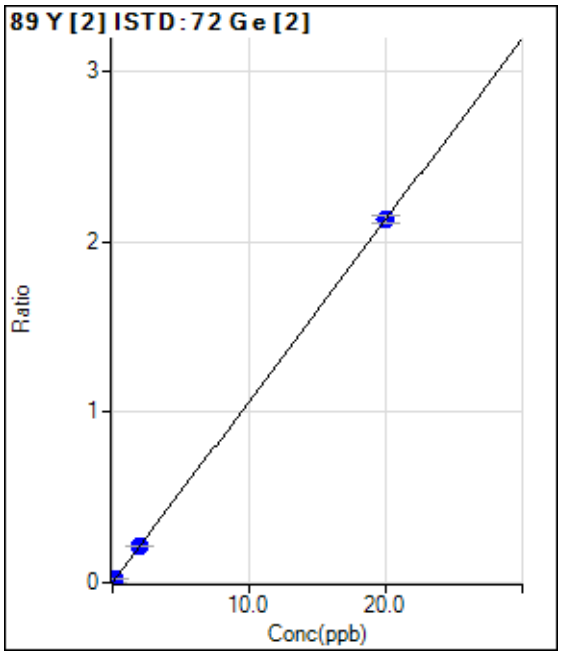
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	73.34	0.0002	P	66.7
2	☐	0.1000	0.1150	1033.41	0.0024	P	10.2
3	☐	1.0000	1.0281	8699.41	0.0204	P	2.3
4	☐	10.0000	9.9506	80797.72	0.1959	P	1.4
5	☐	100.0000	100.0046	789431.32	1.9672	P	0.8
6	☐	20.0000					

y = 0.0197 * x + 1.8136E-004
R = 1.0000
DL = 0.01844
BEC = 0.009221

Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	6.67	0.0000	P	173.2
2	☐	0.0200	0.0193	346.69	0.0021	P	29.3
3	☐	0.2000	0.2186	3880.65	0.0233	P	5.2
4	☐	2.0000	2.0004	34488.26	0.2127	P	1.3
5	☐	20.0000	19.9998	339172.12	2.1266	P	2.0
6	☐	6.0000					

y = 0.1063 * x + 4.1268E-005

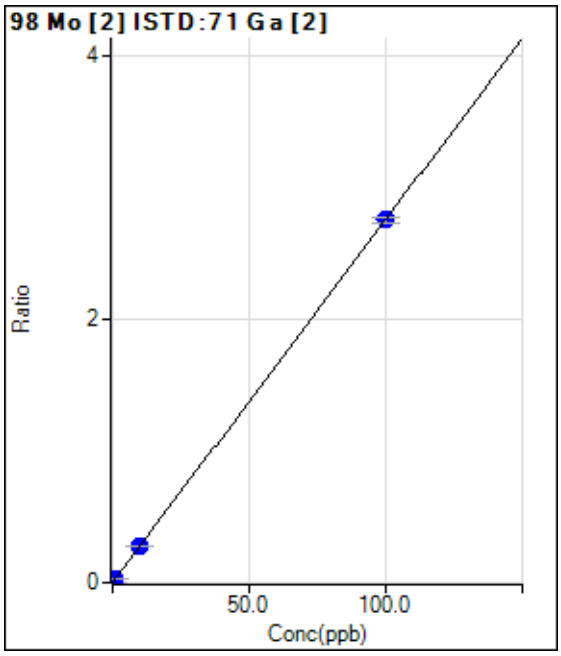
R = 1.0000

DL = 0.002017

BEC = 0.0003881

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	38.89	0.0001	P	56.2
2	☐	0.1000	0.0909	1102.28	0.0026	P	12.4
3	☐	1.0000	0.9787	11546.54	0.0271	P	1.9
4	☐	10.0000	9.9295	112945.59	0.2739	P	1.3
5	☐	100.0000	100.0073	1106384.64	2.7575	P	1.6
6	☐	20.0000					

y = 0.0276 * x + 9.6281E-005

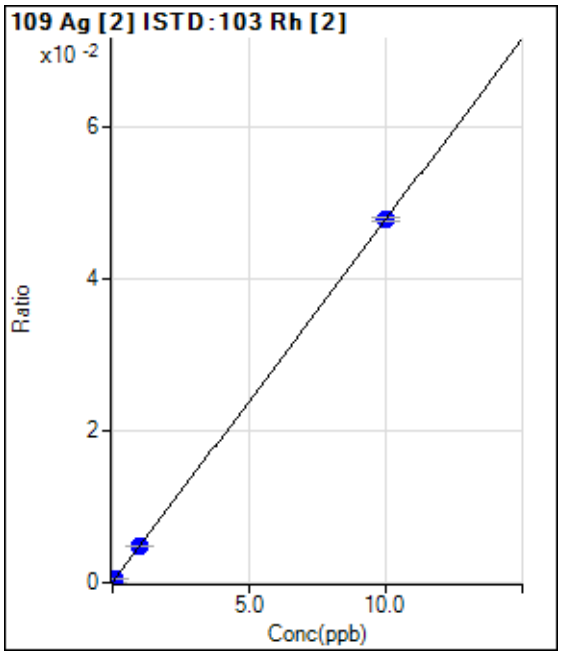
R = 1.0000

DL = 0.005886

BEC = 0.003492

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	170.00	0.0000	P	6.5
2	☐	0.0100	0.0115	422.24	0.0001	P	12.7
3	☐	0.1000	0.1044	2392.44	0.0005	P	4.2
4	☐	1.0000	1.0095	20684.82	0.0049	P	2.5
5	☐	10.0000	9.9990	186767.82	0.0478	P	1.1
6	☐	2.0000					

y = 0.0048 * x + 3.9774E-005

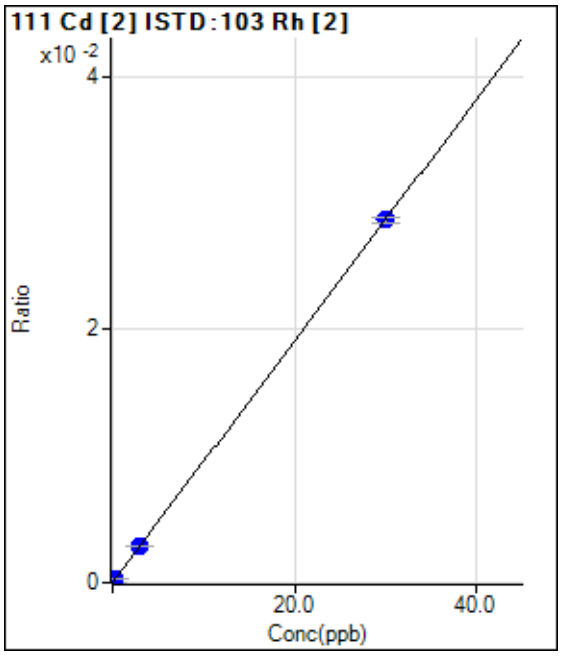
R = 1.0000

DL = 0.001625

BEC = 0.008334

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	4.66	0.0000	P	65.4
2	☐	0.0300	0.0338	149.23	0.0000	P	12.2
3	☐	0.3000	0.3179	1356.26	0.0003	P	3.0
4	☐	3.0000	3.0798	12550.53	0.0029	P	1.0
5	☐	30.0000	29.9918	112178.94	0.0287	P	1.6
6	☐	6.0000					

y = 9.5647E-004 * x + 1.0920E-006

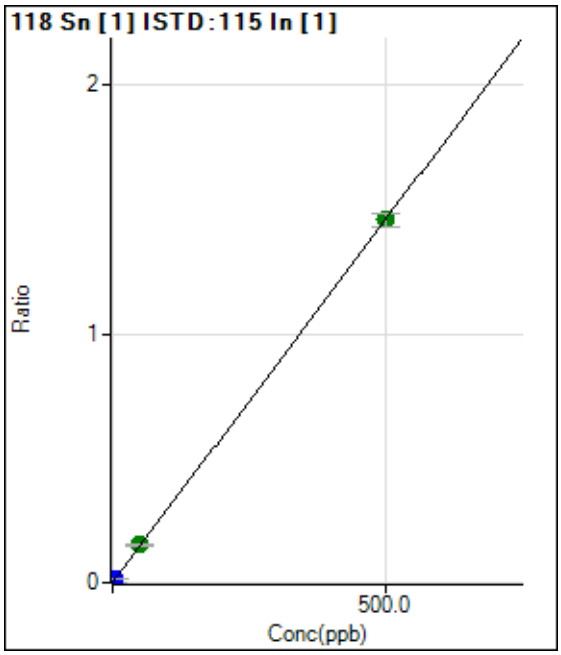
R = 1.0000

DL = 0.002241

BEC = 0.001142

Weight: None

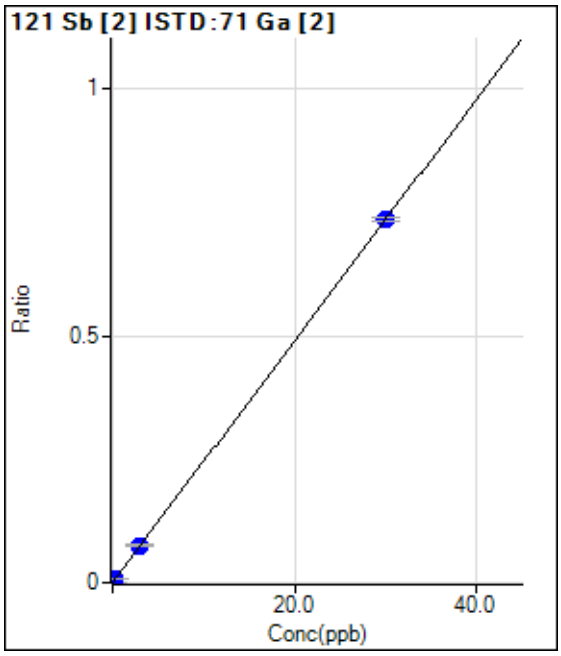
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	8619.41	0.0006	P	6.3
2	☐	0.5000	0.7609	45182.91	0.0028	P	5.8
3	☐	5.0000	5.1624	254012.83	0.0156	P	4.3
4	☐	50.0000	51.5697	2379031.16	0.1509	A	2.9
5	☐	500.0000	499.8411	21606553.85	1.4582	A	3.4
6	☐	100.0000					

y = 0.0029 * x + 5.6278E-004
R = 1.0000
DL = 0.0366
BEC = 0.193

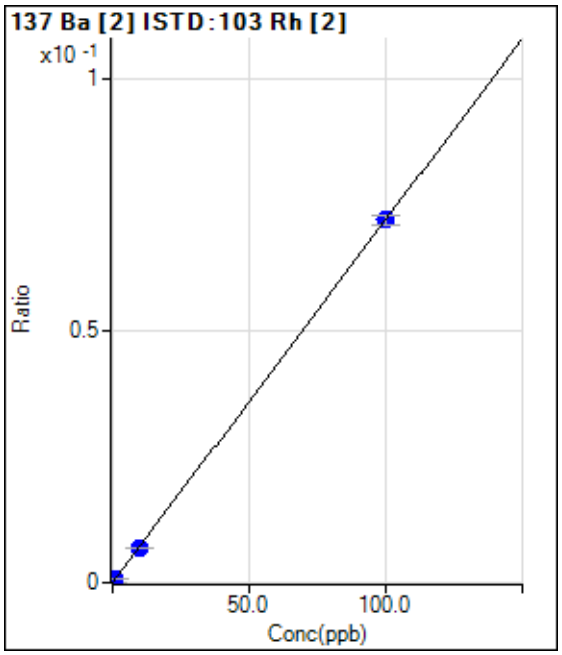
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	48.89	0.0001	P	32.1
2	☐	0.0300	0.0339	403.34	0.0010	P	18.1
3	☐	0.3000	0.3191	3385.97	0.0079	P	1.3
4	☐	3.0000	3.0900	31278.02	0.0758	P	0.9
5	☐	30.0000	29.9908	294935.54	0.7350	P	1.1
6	☐	6.0000					

y = 0.0245 * x + 1.2163E-004
R = 1.0000
DL = 0.004783
BEC = 0.004964

Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	23.33	0.0000	P	89.2
2	☐	0.1000	0.1231	420.03	0.0001	P	29.1
3	☐	1.0000	0.9978	3217.16	0.0007	P	4.4
4	☐	10.0000	9.6506	29609.43	0.0070	P	3.0
5	☐	100.0000	100.0349	281597.82	0.0720	P	2.4
6	☐	20.0000					

y = 7.1986E-004 * x + 5.4698E-006

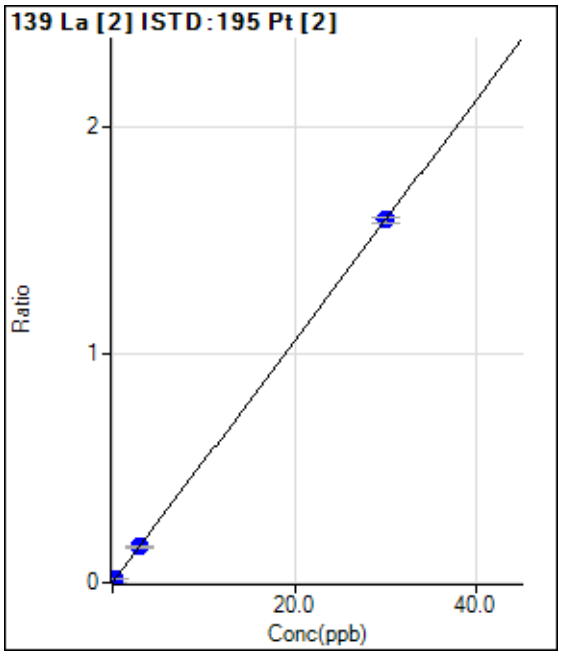
R = 1.0000

DL = 0.02032

BEC = 0.007598

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	6.67	0.0000	P	86.6
2	☐	0.0300	0.0323	1173.43	0.0017	P	5.3
3	☐	0.3000	0.2823	10260.45	0.0150	P	4.2
4	☐	3.0000	2.9600	105114.93	0.1568	P	2.9
5	☐	30.0000	30.0042	992803.63	1.5890	P	1.7
6	☐	6.0000					

y = 0.0530 * x + 1.0181E-005

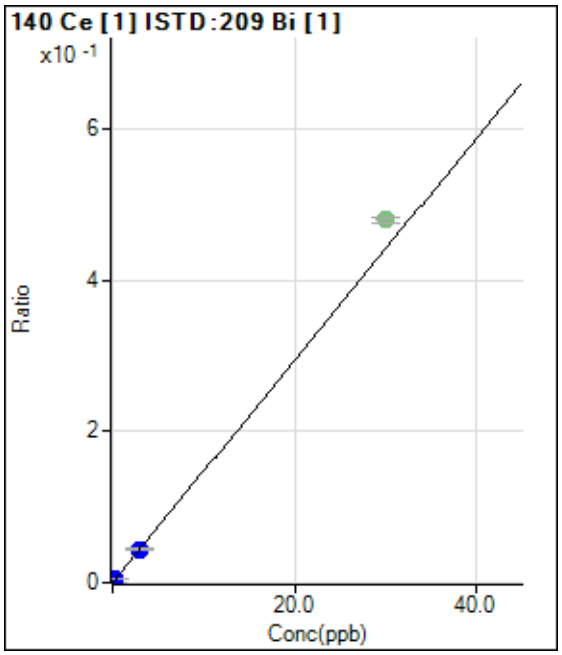
R = 1.0000

DL = 0.0004997

BEC = 0.0001922

Weight: None

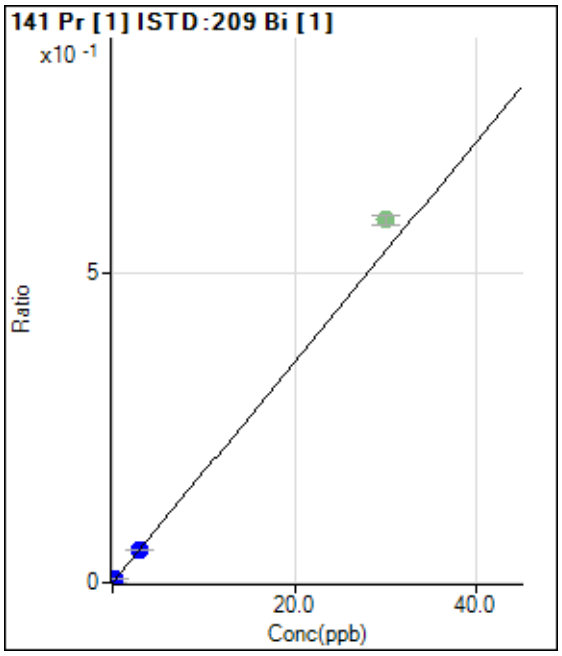
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	236.68	0.0000	P	22.0
2	☐	0.0300	0.0354	6931.90	0.0005	P	4.3
3	☐	0.3000	0.3075	58171.29	0.0045	P	2.3
4	☐	3.0000	2.9992	543408.69	0.0442	P	2.6
5	☑	30.0000		5349870.96	0.4803	A	1.9
6	☐	6.0000					

y = 0.0147 * x + 1.9414E-005
R = 1.0000
DL = 0.0008685
BEC = 0.001318

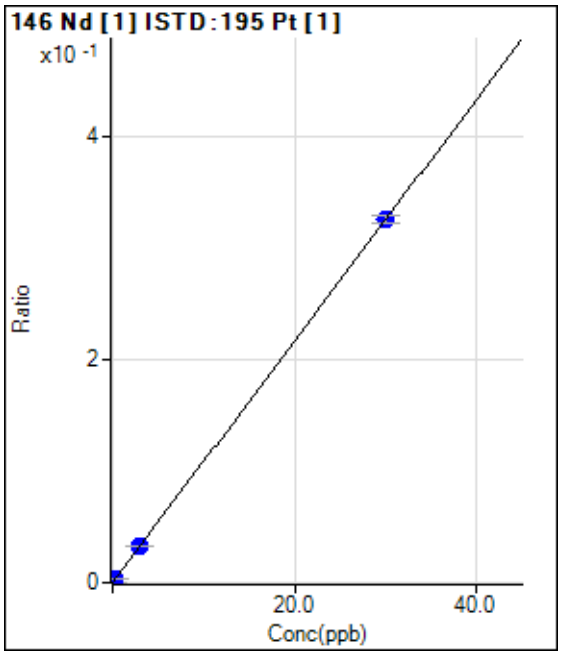
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	60.00	0.0000	P	54.2
2	☐	0.0300	0.0298	6871.84	0.0005	P	8.6
3	☐	0.3000	0.3023	68925.41	0.0054	P	4.8
4	☐	3.0000	2.9998	657358.48	0.0535	P	3.0
5	☑	30.0000		6520918.44	0.5855	A	2.6
6	☐	6.0000					

y = 0.0178 * x + 4.9927E-006
R = 1.0000
DL = 0.0004558
BEC = 0.0002802

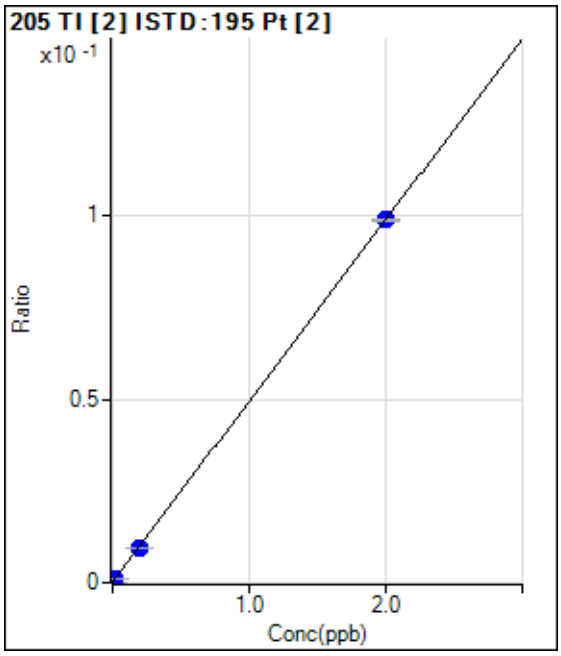
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	20.00	0.0000	P	86.6
2	☐	0.0300	0.0288	1190.11	0.0003	P	8.2
3	☐	0.3000	0.2802	11408.11	0.0030	P	1.2
4	☐	3.0000	2.9973	116126.75	0.0325	P	2.4
5	☐	30.0000	30.0005	1101313.19	0.3251	P	2.0
6	☐	6.0000					

y = 0.0108 * x + 5.5609E-006
R = 1.0000
DL = 0.001334
BEC = 0.0005132

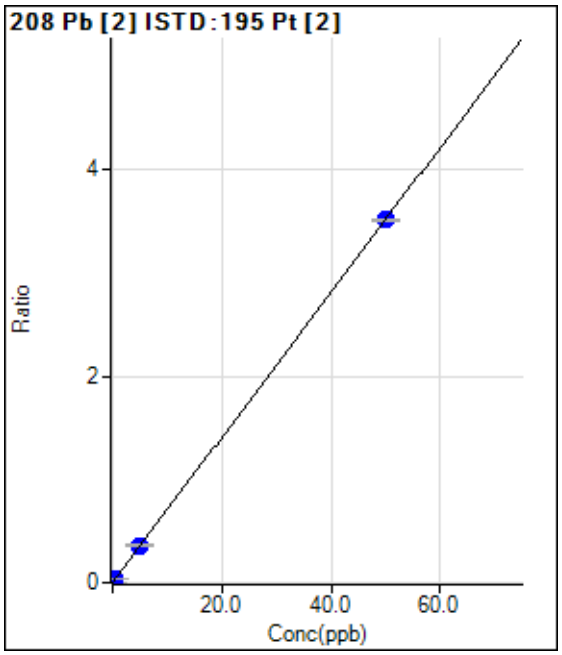
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	75.71	0.0001	P	23.9
2	☐	0.0020	0.0007	101.43	0.0001	P	14.6
3	☐	0.0200	0.0177	677.16	0.0010	P	4.6
4	☐	0.2000	0.1929	6460.02	0.0096	P	1.2
5	☐	2.0000	2.0007	61771.19	0.0989	P	0.8
6	☐	0.4000					

y = 0.0494 * x + 1.1523E-004
R = 1.0000
DL = 0.001674
BEC = 0.002335

Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	956.73	0.0015	P	18.5
2	☐	0.0500	0.0603	3877.11	0.0057	P	4.5
3	☐	0.5000	0.5415	27091.04	0.0395	P	2.1
4	☐	5.0000	5.1338	242835.17	0.3622	P	0.8
5	☐	50.0000	49.9862	2195342.97	3.5135	P	0.2
6	☐	10.0000					

y = 0.0703 * x + 0.0015

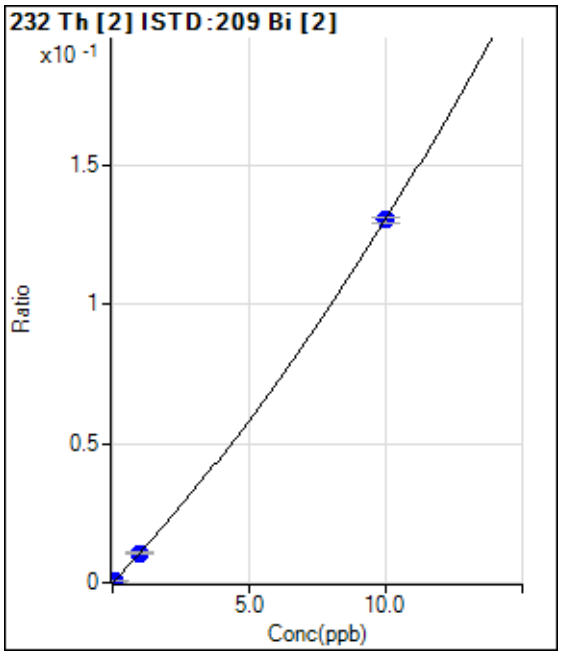
R = 1.0000

DL = 0.01152

BEC = 0.02071

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0068	253.34	0.0001	P	9.4
2	☐	0.0100	0.0215	822.26	0.0002	P	10.6
3	☐	0.1000	0.0790	3062.62	0.0008	P	0.8
4	☐	1.0000	1.0021	37875.08	0.0106	P	2.0
5	☐	10.0000	10.0000	412362.25	0.1302	P	1.3
6	☐	2.0000					

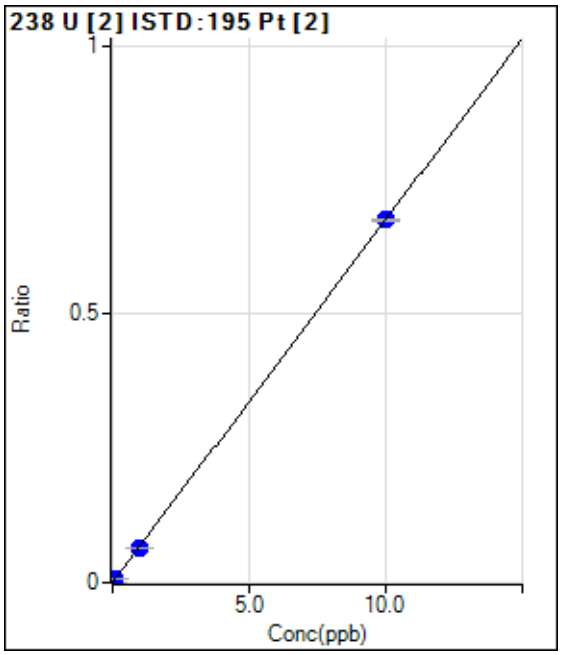
y = 2.6999E-004 * x ^ 2 + 0.0103 * x

DL = 0.001928

BEC = 0

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	26.67	0.0000	P	12.6
2	☐	0.0100	0.0096	467.79	0.0007	P	13.4
3	☐	0.1000	0.0946	4411.84	0.0064	P	6.6
4	☐	1.0000	0.9666	43817.08	0.0653	P	1.2
5	☐	10.0000	10.0034	422311.45	0.6759	P	0.8
6	☐	2.0000					

y = 0.0676 * x + 4.0529E-005

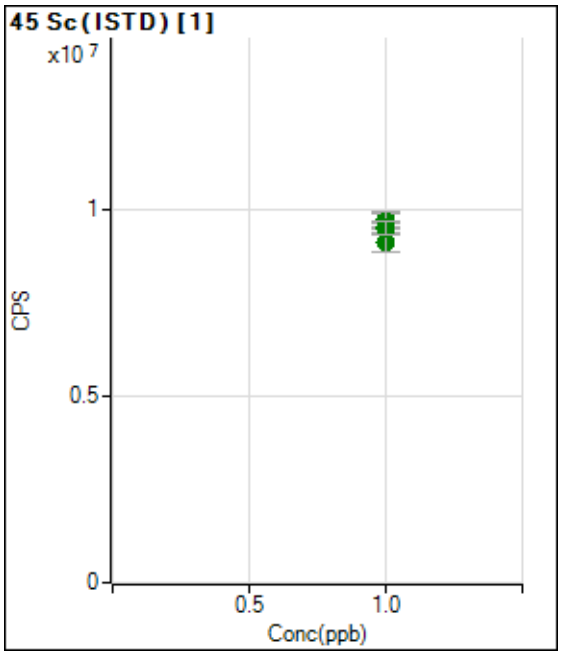
R = 1.0000

DL = 0.0002275

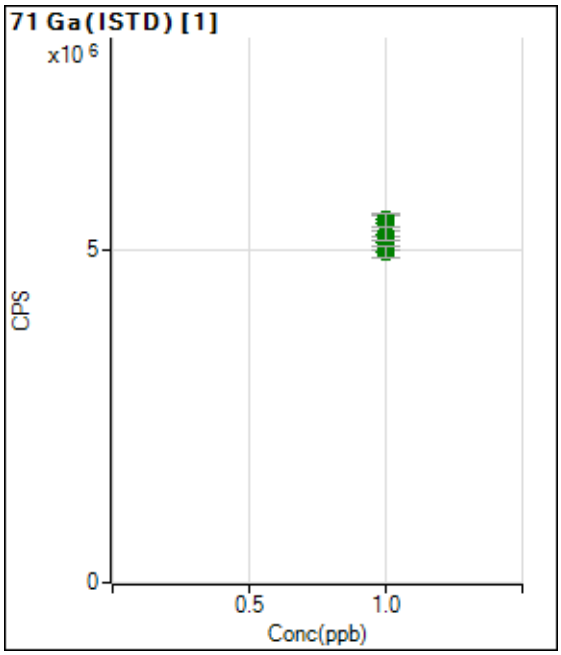
BEC = 0.0005999

Weight: None

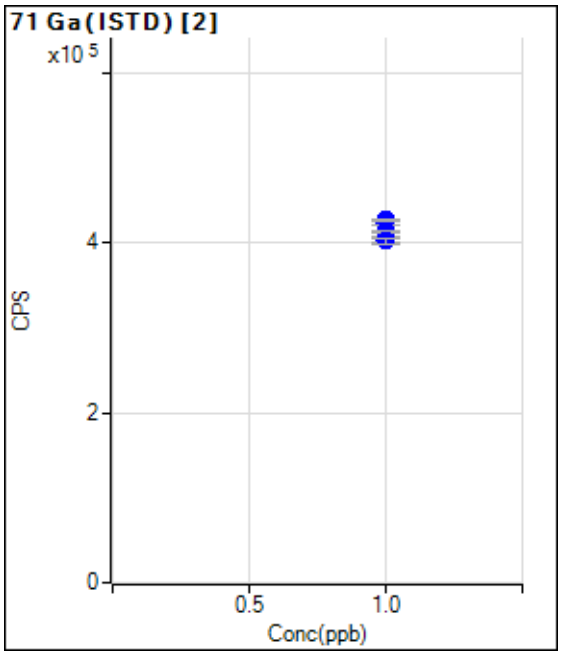
Min Conc: <None>



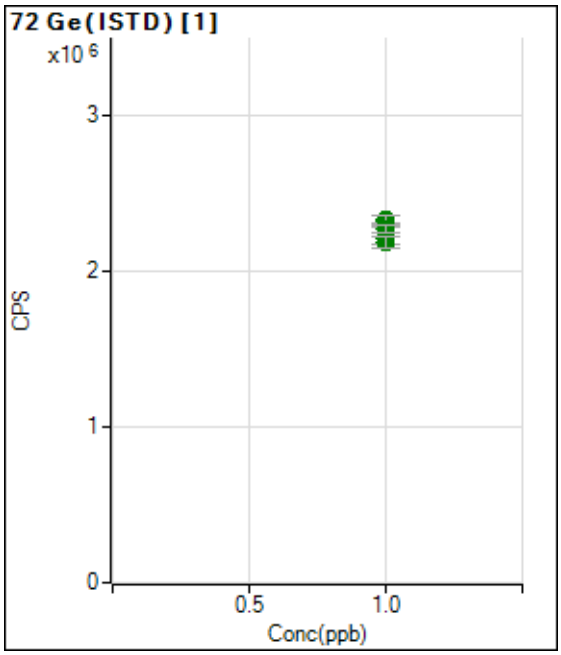
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		9088920.28		A	5.7
2	☐	1.0000		9701940.90		A	3.7
3	☐	1.0000		9682773.60		A	4.8
4	☐	1.0000		9459304.65		A	3.6
5	☐	1.0000		9504305.69		A	3.6
6	☐	1.0000					



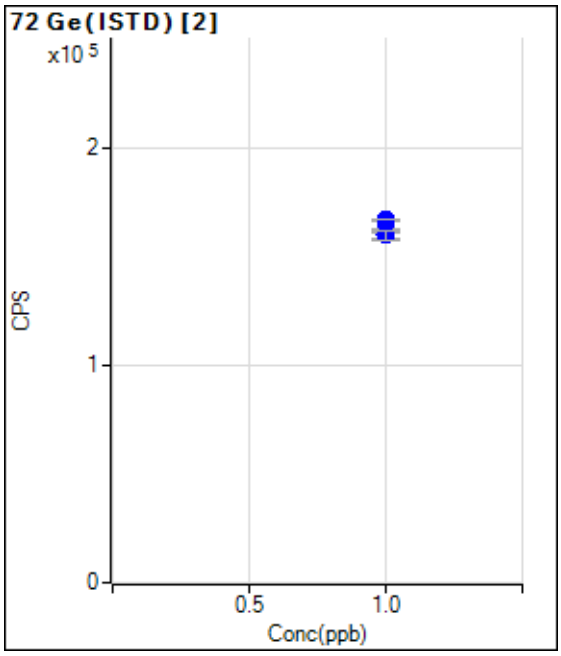
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		5104515.86		A	4.2
2	☐	1.0000		5406769.71		A	4.7
3	☐	1.0000		5455518.56		A	3.9
4	☐	1.0000		5245349.82		A	3.5
5	☐	1.0000		4974977.63		A	3.7
6	☐	1.0000					



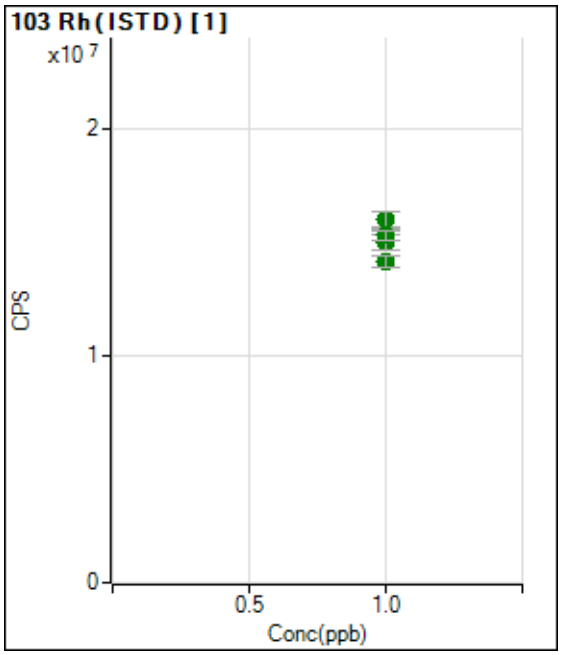
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		403125.66		P	1.5
2	☐	1.0000		423223.38		P	1.0
3	☐	1.0000		426391.37		P	0.6
4	☐	1.0000		412419.15		P	0.6
5	☐	1.0000		401312.71		P	1.9
6	☐	1.0000					



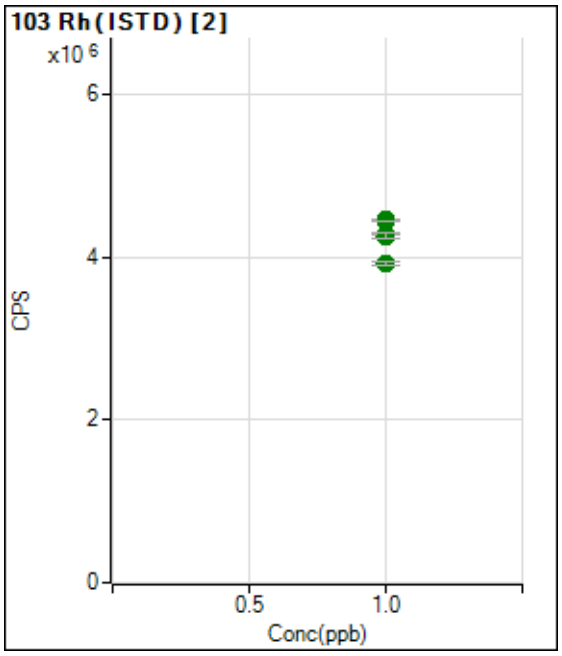
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		2212289.65		A	3.6
2	☐	1.0000		2329212.36		A	2.2
3	☐	1.0000		2317129.60		A	3.3
4	☐	1.0000		2268535.28		A	2.4
5	☐	1.0000		2183693.82		A	3.7
6	☐	1.0000					



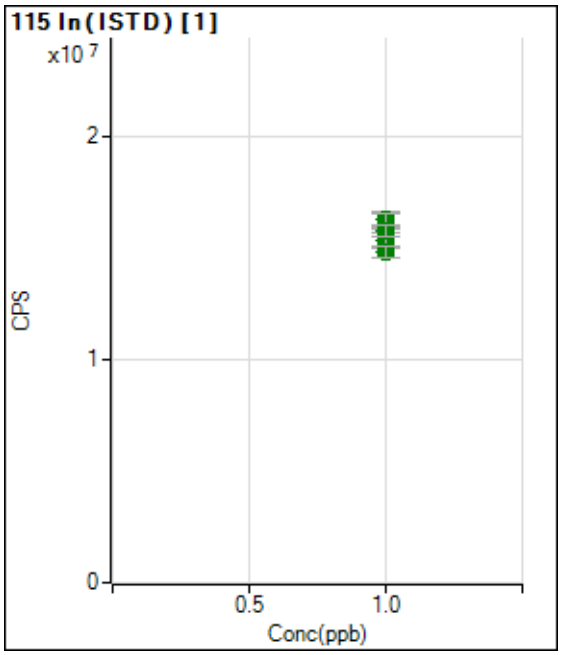
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		159596.87		P	2.0
2	☐	1.0000		166007.44		P	0.3
3	☐	1.0000		166616.71		P	0.2
4	☐	1.0000		162110.56		P	0.6
5	☐	1.0000		159550.24		P	2.7
6	☐	1.0000					



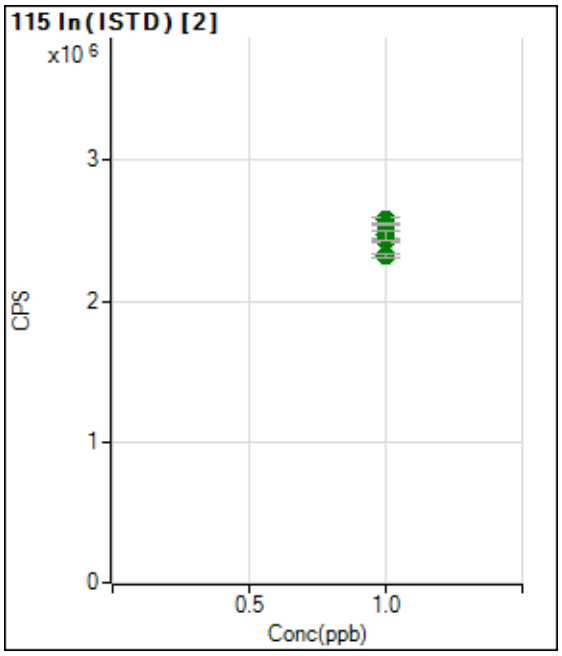
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		15024108.94		A	4.8
2	☐	1.0000		15982457.26		A	4.9
3	☐	1.0000		15996528.51		A	4.1
4	☐	1.0000		15331691.86		A	2.8
5	☐	1.0000		14147309.79		A	3.3
6	☐	1.0000					



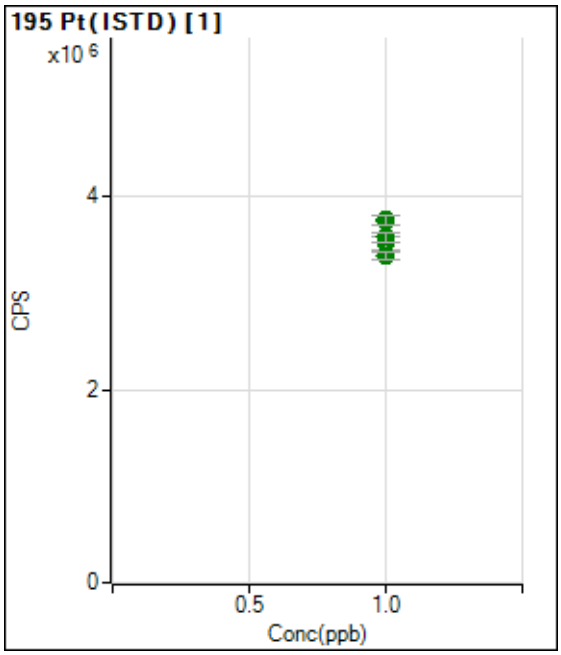
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		4273709.52		A	0.4
2	☐	1.0000		4456533.37		A	0.9
3	☐	1.0000		4444921.08		A	0.2
4	☐	1.0000		4259224.31		A	1.5
5	☐	1.0000		3910871.19		A	1.1
6	☐	1.0000					



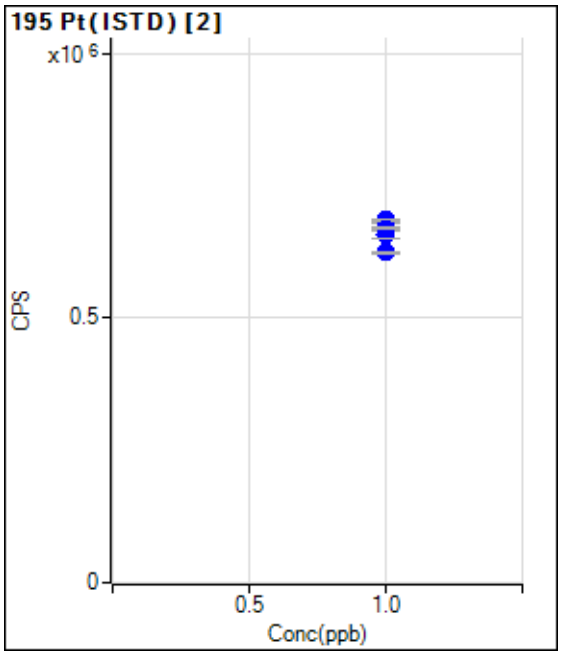
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		15335225.77		A	4.4
2	☐	1.0000		16269393.03		A	4.3
3	☐	1.0000		16283134.41		A	3.9
4	☐	1.0000		15770993.74		A	3.5
5	☐	1.0000		14829670.10		A	3.6
6	☐	1.0000					



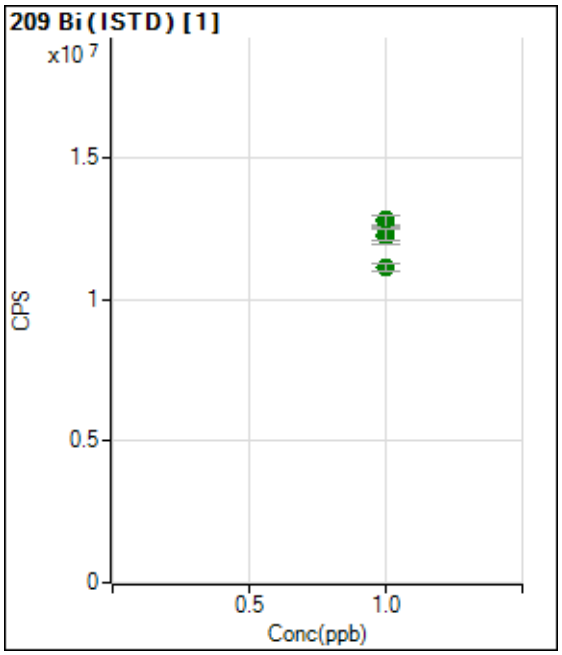
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		2435673.79		A	1.1
2	☐	1.0000		2577738.44		A	1.3
3	☐	1.0000		2546533.45		A	0.5
4	☐	1.0000		2467308.27		A	2.4
5	☐	1.0000		2320556.52		A	1.0
6	☐	1.0000					



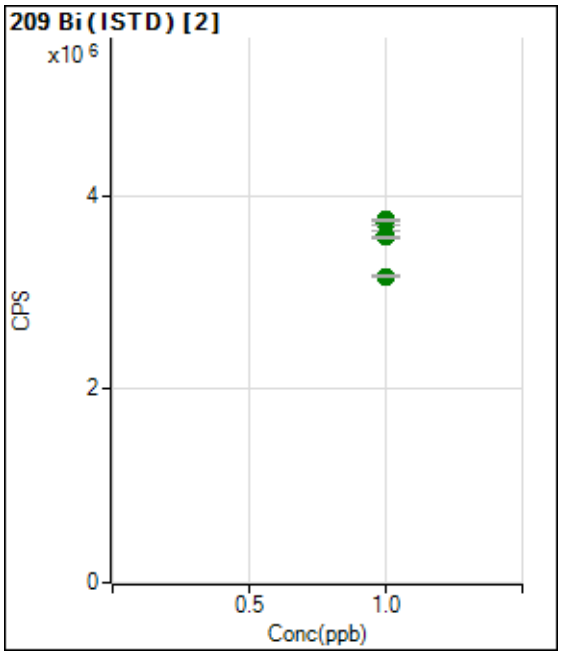
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		3521242.66		A	3.8
2	☐	1.0000		3758149.95		A	2.7
3	☐	1.0000		3750666.82		A	2.6
4	☐	1.0000		3576019.74		A	2.4
5	☐	1.0000		3389214.12		A	2.7
6	☐	1.0000					



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		658191.30		P	1.9
2	☐	1.0000		681015.54		P	0.6
3	☐	1.0000		685885.12		P	0.3
4	☐	1.0000		670542.62		P	0.4
5	☐	1.0000		624836.52		P	0.5
6	☐	1.0000					



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		12222401.90		A	4.7
2	☐	1.0000		12829790.22		A	2.9
3	☐	1.0000		12796748.14		A	3.2
4	☐	1.0000		12304418.15		A	3.0
5	☐	1.0000		11142005.25		A	2.5
6	☐	1.0000					



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		3597352.24		A	1.9
2	☐	1.0000		3714553.17		A	0.9
3	☐	1.0000		3748184.53		A	0.5
4	☐	1.0000		3570390.26		A	0.8
5	☐	1.0000		3168304.95		A	1.0
6	☐	1.0000					

QC Tune Report

Data File: C:\ICPMH\1\7500\QCTUNE.D
Date Acquired: 14 Jun 2022 08:48:59 am
Operator:
Misc Info:
Vial Number: 0
Current Method: C:\ICPMH\1\METHODS\2008TUNE.m

Minimum Response(CPS)

Element	Actual	Required	Flag

RSD (%)

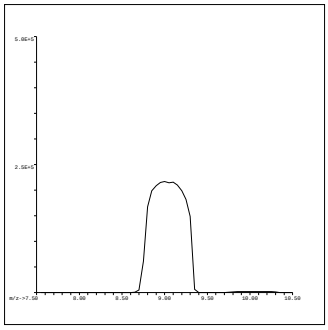
Element	Actual	Required	Flag
9 Be	1.41	5.00	
24 Mg	0.97	5.00	
25 Mg	1.34	5.00	
26 Mg	1.56	5.00	
59 Co	1.22	5.00	
115 In	1.31	5.00	
206 Pb	1.69	5.00	
207 Pb	1.52	5.00	
208 Pb	1.16	5.00	

Ion Ratio

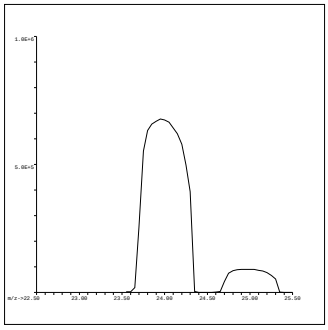
Element	Actual	Required	Flag

Maximum Bkg. Count(CPS)

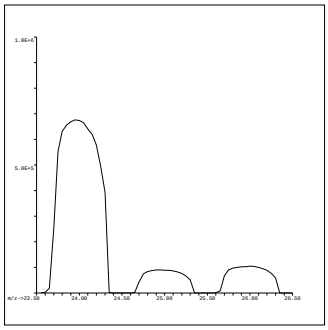
Element	Actual	Required	Flag



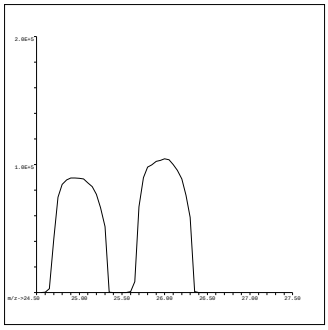
9 Be
Mass Calib.
   Actual: 9.05
   Required: 8.90-9.10
   Flag:
Peak Width
   Actual: 0.55
   Required: 0.80
   Flag:



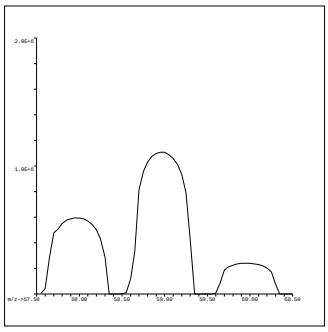
24 Mg
Mass Calib.
   Actual: 23.95
   Required: 23.90-24.10
   Flag:
Peak Width
   Actual: 0.60
   Required: 0.80
   Flag:



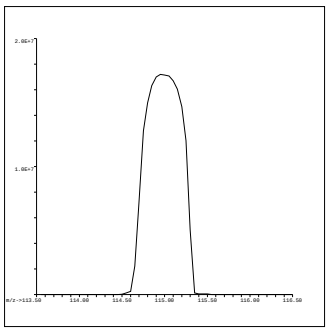
25 Mg
Mass Calib.
   Actual: 24.95
   Required: 24.90-25.10
   Flag:
Peak Width
   Actual: 0.60
   Required: 0.80
   Flag:



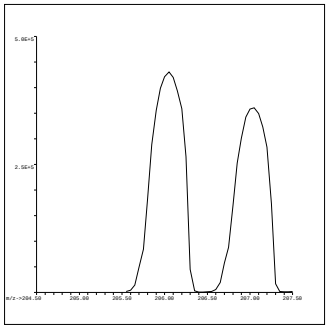
26 Mg
Mass Calib.
   Actual: 26.00
   Required: 25.90-26.10
   Flag:
Peak Width
   Actual: 0.65
   Required: 0.80
   Flag:



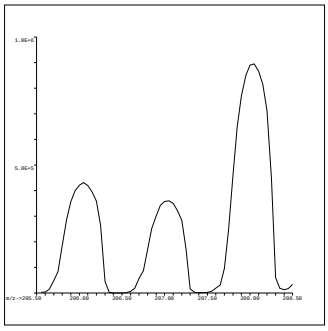
59 Co
Mass Calib.
Actual: 58.95
Required: 58.90-59.10
Flag:
Peak Width
Actual: 0.70
Required: 0.80
Flag:



115 In
Mass Calib.
Actual: 115.00
Required: 114.90-115.10
Flag:
Peak Width
Actual: 0.65
Required: 0.80
Flag:

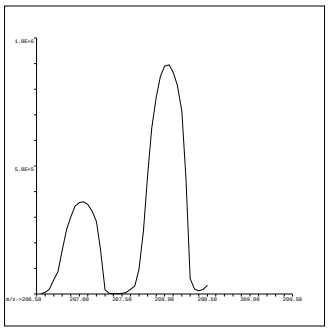


206 Pb
Mass Calib.
Actual: 206.05
Required: 205.90-206.10
Flag:
Peak Width
Actual: 0.60
Required: 0.80
Flag:



207 Pb
Mass Calib.
Actual: 207.05
Required: 206.90-207.10
Flag:
Peak Width
Actual: 0.55
Required: 0.80
Flag:

C:\ICPMH\1\7500\QCTUNE.D



208 Pb
Mass Calib.
   Actual: 208.05
   Required: 207.90-208.10
   Flag:
Peak Width
   Actual: 0.60
   Required: 0.80
   Flag:

QC Tune Result:Pass

Header Information for Analytical Sequence 22F14p01

Instrument: Agilent ICPMS Model 7700X; Serial No. JP09400112
Software Revision: B.01.01
Date of Analysis: 06/14/2022
Analyst: Jill Latelle

Calibration Standards

High Calibration Standard: ST220215-1 (expires 7/31/2022)
This standard contains the following elements at the listed concentrations (ng/ml).

100,000 - Na
50,000 - Ca, K
10,000 - Mg
5,000 - Fe, Al
3,000 - Ti
2,000 - Zn
1,000 - B, Cu, Li
500 - Cr, Ni, Sn
200 - Mn
100 - V, Co, As, Se, Mo, Ba, Sr
50 - Pb, Be
30 - Sb, Cd, La, Ce, Pr, Nd
20 - Y
10 - Th, U, Ag
2 - Tl

1/10, 1/100, and 1/1000 dilutions of the High Calibration Standard are prepared daily to provide additional calibration standards.

ICV

The ICV is prepared by diluting 10ml of the 2nd Source intermediate (ST220420-8, expires 04/30/2023) to 50ml giving the following concentrations (ng/ml).

20,000 - Na
10,000 - Ca, K
2,000 - Mg
1,000 - Fe, Al
400 - Zn, Ti
200 - B, Cu, Li
100 - Cr, Ni, Sn
60 - Nd
40 - Mn
20 - V, Co, As, Se, Mo, Ba, Sr
10 - Pb, Be
6 - Sb, Cd, La, Ce, Pr, Nd
4 - Y
2 - Th, U, Ag
0.4 - Tl

LIV

The LIV is prepared by diluting 0.05ml of the Reporting Limit Verification Spike Solution (ST220214-6 expires 7/31/2022) to 50ml giving the following concentrations (ng/ml).

100 - Na, Ca, K
20 - Ti
15 - B
10 - Al, Fe, Mg, Zn
2 - Cu, Li, Ni
1 - Cr, Se, Sn
0.5 - Ba, Co, Mn, Sr, V
0.2 - As, Cd, Mo, Pb
0.1 - Sb
0.05 - Ag, Be, Ce, La, Nd, Pr, Y
0.02 - Th
0.01- U, Tl

ICSA

The ICSA is prepared by diluting 0.5ml of ICSA intermediate (ST220110-9, expires 7/2/2024) to a final volume of 50ml giving the following concentrations (ng/ml).

42,500,000 - Cl
30,000 - Ca
25,000 - Fe, Na
20,000 - C
10,000 - Al, K, Mg, P, S
200 - Mo, Ti

ICSAB

The ICSAB is prepared by diluting 0.5ml of ICSA intermediate (ST220110-9, expires 7/2/2024) and 5ml of High Calibration Standard: ST220215-1 (expires 7/31/2022) to a final volume of 50ml. The ICSAB contains the following elements at the listed concentrations (ng/ml).

42,500,000 - Cl
35,000 - Ca, Na
25,500 - Fe
20,000 - C
15,000 - K
11,000 - Mg
10,500 - Al
10,000 - P, S
400 - Ti
210 - Mo
200 - Zn
100 - B, Cu, Li
50 - Cr, Ni, Sn
20 - Mn
10 - V, Co, As, Se, Ba, Sr
5 - Pb, Be
3 - Sb, Cd, La, Ce, Pr, Nd
2 - Y
1 - Th, U, Ag
0.2 - Tl

CCV

The CCV is prepared by diluting 5ml of the High Calibration Standard: ST220215-1 (expires 7/31/2022) to a final volume of 50ml. The CCV contains the following elements at the listed concentrations (ng/ml).

10,000 - Na
5,000 - Ca, K
1,000 - Mg
500 - Fe, Al
300 - Ti
200 - Zn
100 - B, Cu, Li
50 - Cr, Ni, Sn
20 - Mn
10 - V, Co, As, Se, Mo, Ba, Sr
5 - Pb, Be
3 - Sb, Cd, La, Ce, Pr, Nd
2 - Y
1 - Th, U, Ag
0.2 - Tl

Linear Dynamic Range Standards

The LDR standard is prepared by diluting 1ml of the High Calibration Standard Intermediate Mix (ST220214-8, expires 7/31/2022) to a final volume of 10ml. The LDR standard contains the following elements at the listed concentrations (ng/ml).

100,000 - Mg
50,000 - Fe, Al
30,000 - Ti
20,000 - Zn
10,000 - B, Cu, Li
5,000 - Cr, Ni, Sn
2,000 - Mn
1,000 - V, Co, As, Se, Mo, Ba, Sr
500 - Pb, Be
300 - Sb, Cd, La, Ce, Pr, Nd
200 – Y, U
100 - Th, Ag
20 - Tl

LDR-Ca,Na,K

1000 Na

The 1000 Na standard is prepared by diluting 1ml of the 10000mg/L Na stock solution (ST200919-1, expires 12/31/26) to a final volume of 10ml. The 1000 Na standard contains Na at 1000000 ng/ml.

500 Ca

The 500 Ca standard is prepared by diluting 0.5ml of the 10000mg/L Ca stock solution (ST1910025-5, expires 07/31/26) to a final volume of 10ml. The 500 Ca standard contains Ca at 500000 ng/ml.

500 K

The 500 K standard is prepared by diluting 0.5ml of the 10000mg/L K stock solution (ST191002-7, expires 12/31/25) to a final volume of 10ml. The 500 K standard contains K at 500000 ng/ml.

Linear Dynamic Range

The instrument Linear Dynamic Range (LDR) is determined once every six months. The instrument LDR is given below (ng/ml).

1,000,000 - Na
500,000 - Ca, K
100,000 - Mg
50,000 - Fe, Al
30,000 - Ti
20,000 - Zn
10,000 - B, Cu, Li
5,000 - Cr, Ni, Sn
2,000 - Mn
1,000 - V, Co, As, Se, Mo, Ba, Sr
500 - Pb, Be
300 - Sb, Cd, La, Ce, Pr, Nd
200 - Y, U
100 - Th, Ag
20 - Tl

ICB/CCB and all diluent

1% HNO_3, 1%HCl in double deionized water

HNO_3 Lot No. 197345
HCl Lot No. 212747

Internal Standards

The internal standard intermediate contains 1 PPM each of Ga, Ge, Pt, In, Rh, Bi and Sc. This intermediate is added to all standards and samples in the same proportion by a peristaltic pump.

Ga - ST190204-3, expires 09/30/2024
Ge – ST210225-2, expires 07/07/2024
Pt - ST190118-3, expires 04/30/2025
In - ST190118-7, expires 10/19/2022
Rh – ST210225-3, expires 11/22/2023
Bi - ST190118-1, expires 04/30/2025
Sc – ST210225-4, expires 01/11/2024

Pipet ID Numbers

1.0 to 5.0 ml -- M-07
0.1 to 1.0ml -- M-61
0.01 to 0.1ml -- M-57

Dilutions

2X dilutions made by diluting 5ml of sample to 10ml final volume
5X dilutions made by diluting 1ml of sample to 5ml final volume
10X dilutions made by diluting 1ml of sample to 10ml final volume
50X dilutions made by diluting 0.1ml of sample to 5ml final volume
100X dilutions made by diluting 0.1ml of sample to 10ml final volume
200X dilutions made by diluting 0.05ml of sample to 10ml final volume
500X dilutions made by diluting 0.02ml of sample to 10ml final volume

Analytical Spikes

2205638-41A, 2205638-81A, 2205638-88A and 2205638-90A were post spiked by diluting the High Calibration Standard (ST220215-1, expires 7/31/2022) and the Cation Spike (ST220426-2, expires 06/30/2023) 500 fold then ten-fold dilution of the sample digestates.

Daily Maintenance Items

1. Check / change pump tubing
2. Check / clean drain containers
3. Tune instrument per manufacturer's procedures
4. Perform resolution / mass calibration / stability test and print QC tune report

Monthly Maintenance Items

1. Check / clean torch and cones
2. Check / clean nebulizer and spray chamber
3. Check / fill water recirculating reservoir
4. Check / fill vacuum pump oil

Additional Comments

No additional comments.

Batch Summary Report

Batch Folder: C:\ICPMH\1\DATA\22F14p01.B\
Analysis File: 22F14p01.batch.xml
Tune Step: #1 nogas.u
#2 hehe.u

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
1		6/14/2022 15:01:37	001CALB_22F14p00.D	RINSE	CalBlk	1	1.0000
2		6/14/2022 15:04:35	002CALB_22F14p00.D	RINSE	CalBlk	1	1.0000
3		6/14/2022 15:07:34	003CALB_22F14p00.D	RINSE	CalBlk	1	1.0000
4		6/14/2022 15:10:34	004CALB_22F14p00.D	BLANK	CalBlk	1	1.0000
5		6/14/2022 15:13:33	005CALS_22F14p00.D	H/1000	CalStd	2	1.0000
6		6/14/2022 15:19:29	006CALS_22F14p00.D	H/100	CalStd	3	1.0000
7		6/14/2022 15:25:24	007CALS_22F14p00.D	H/10	CalStd	4	1.0000
8		6/14/2022 15:31:17	008CALS_22F14p00.D	HIGH	CalStd	5	1.0000
9		6/14/2022 15:37:54	001SMPL.D	RINSE	Sample		1.0000
10		6/14/2022 15:40:51	002SMPL.D	ICV	6-ICV		1.0000
11		6/14/2022 15:46:44	003SMPL.D	ICB	6-CCB		1.0000
12		6/14/2022 15:49:43	004SMPL.D	LIV	RLCV		1.0000
13		6/14/2022 15:52:43	005SMPL.D	ICSA	6-ICSA		1.0000
14		6/14/2022 15:58:36	006SMPL.D	ICSAB	6-ICSAB		1.0000
15		6/14/2022 16:04:27	0076CCV.D	CCV	6-CCV		1.0000
16		6/14/2022 16:10:20	0086CCB.D	CCB	6-CCB		1.0000
17		6/14/2022 16:13:20	0096CCB.D	IP220610-5MB 10X	6-CCB		1.0000
18		6/14/2022 16:16:18	010_LCS.D	IM220610-5LCS 10X	6-LCS		1.0000
19		6/14/2022 16:22:10	011SMPL.D	2205638-41 10X	Sample		1.0000
20		6/14/2022 16:25:03	012SMPL.D	2205638-41L 50X	Sample		1.0000
21		6/14/2022 16:27:58	013SMPL.D	2205638-41MS 10X	Sample		1.0000
22		6/14/2022 16:30:49	014SMPL.D	2205638-41MSD 10X	Sample		1.0000
23		6/14/2022 16:33:39	015SMPL.D	2205638-41A 10X	Sample		1.0000
24		6/14/2022 16:39:26	016SMPL.D	2205638-42 10X	Sample		1.0000
25		6/14/2022 16:42:22	017SMPL.D	2205638-43 10X	Sample		1.0000
26		6/14/2022 16:45:16	018SMPL.D	2205638-44 10X	Sample		1.0000
27		6/14/2022 16:51:08	0196CCV.D	CCV	6-CCV		1.0000

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
28		6/14/2022 16:57:02	0206CCB.D	CCB	6-CCB		1.0000
29		6/14/2022 17:00:01	021SMPL.D	2205638-45 10X	Sample		1.0000
30		6/14/2022 17:02:58	022SMPL.D	2205638-46 10X	Sample		1.0000
31		6/14/2022 17:05:53	023SMPL.D	2205638-47 10X	Sample		1.0000
32		6/14/2022 17:08:47	024SMPL.D	2205638-48 10X	Sample		1.0000
33		6/14/2022 17:11:40	025SMPL.D	2205638-49 10X	Sample		1.0000
34		6/14/2022 17:14:34	026SMPL.D	2205638-50 10X	Sample		1.0000
35		6/14/2022 17:17:27	027SMPL.D	2205638-51 10X	Sample		1.0000
36		6/14/2022 17:20:21	028SMPL.D	2205638-52 10X	Sample		1.0000
37		6/14/2022 17:23:16	029SMPL.D	2205638-53 10X	Sample		1.0000
38		6/14/2022 17:26:12	030SMPL.D	2205638-54 10X	Sample		1.0000
39		6/14/2022 17:32:04	0316CCV.D	CCV	6-CCV		1.0000
40		6/14/2022 17:37:57	0326CCB.D	CCB	6-CCB		1.0000
41		6/14/2022 17:40:56	033SMPL.D	2205638-55 10X	Sample		1.0000
42		6/14/2022 17:43:50	034SMPL.D	2205638-56 10X	Sample		1.0000
43		6/14/2022 17:46:45	035SMPL.D	2205638-57 10X	Sample		1.0000
44		6/14/2022 17:49:41	036SMPL.D	2205638-58 10X	Sample		1.0000
45		6/14/2022 17:52:35	037SMPL.D	2205638-59 10X	Sample		1.0000
46		6/14/2022 17:55:29	038SMPL.D	2205638-60 10X	Sample		1.0000
47		6/14/2022 17:58:25	039SMPL.D	2205638-49 100X	Sample		1.0000
48		6/14/2022 18:04:18	0406CCV.D	CCV	6-CCV		1.0000
49		6/14/2022 18:10:11	0416CCB.D	CCB	6-CCB		1.0000
50		6/14/2022 18:13:08	042SMPL.D	2205638-41 100X	Sample		1.0000
51		6/14/2022 18:16:06	043SMPL.D	2205638-41L 500X	Sample		1.0000
52		6/14/2022 18:19:05	044SMPL.D	2205638-41MS 100X	Sample		1.0000
53		6/14/2022 18:22:04	045SMPL.D	2205638-41MSD 100X	Sample		1.0000
54		6/14/2022 18:25:00	046SMPL.D	2205638-41A 100X	Sample		1.0000
55		6/14/2022 18:30:50	0476CCV.D	CCV	6-CCV		1.0000
56		6/14/2022 18:36:44	0486CCB.D	CCB	6-CCB		1.0000
57		6/14/2022 18:39:43	0496CCB.D	IP220610-6MB 10X	6-CCB		1.0000
58		6/14/2022 18:42:42	050_LCS.D	IM220610-6LCS 10X	6-LCS		1.0000
59		6/14/2022 18:48:35	051SMPL.D	2205638-62 10X	Sample		1.0000
60		6/14/2022 18:51:28	052SMPL.D	2205638-63 10X	Sample		1.0000

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
61		6/14/2022 18:54:22	053SMPL.D	2205638-64 10X	Sample		1.0000
62		6/14/2022 18:57:17	054SMPL.D	2205638-65 10X	Sample		1.0000
63		6/14/2022 19:00:11	055SMPL.D	2205638-66 10X	Sample		1.0000
64		6/14/2022 19:03:05	056SMPL.D	2205638-67 10X	Sample		1.0000
65		6/14/2022 19:06:00	057SMPL.D	2205638-68 10X	Sample		1.0000
66		6/14/2022 19:08:54	058SMPL.D	2205638-69 10X	Sample		1.0000
67		6/14/2022 19:14:45	0596CCV.D	CCV	6-CCV		1.0000
68		6/14/2022 19:20:38	0606CCB.D	CCB	6-CCB		1.0000
69		6/14/2022 19:23:36	061SMPL.D	2205638-70 10X	Sample		1.0000
70		6/14/2022 19:26:30	062SMPL.D	2205638-71 10X	Sample		1.0000
71		6/14/2022 19:29:25	063SMPL.D	2205638-72 10X	Sample		1.0000
72		6/14/2022 19:32:20	064SMPL.D	2205638-73 10X	Sample		1.0000
73		6/14/2022 19:35:14	065SMPL.D	2205638-74 10X	Sample		1.0000
74		6/14/2022 19:38:08	066SMPL.D	2205638-75 10X	Sample		1.0000
75		6/14/2022 19:41:02	067SMPL.D	2205638-76 10X	Sample		1.0000
76		6/14/2022 19:43:56	068SMPL.D	2205638-77 10X	Sample		1.0000
77		6/14/2022 19:46:51	069SMPL.D	2205638-79 10X	Sample		1.0000
78		6/14/2022 19:52:41	0706CCV.D	CCV	6-CCV		1.0000
79		6/14/2022 19:58:33	0716CCB.D	CCB	6-CCB		1.0000
80		6/14/2022 20:01:33	072SMPL.D	2205638-80 10X	Sample		1.0000
81		6/14/2022 20:04:27	073SMPL.D	2205638-80L 50X	Sample		1.0000
82		6/14/2022 20:07:24	074SMPL.D	2205638-80MS 10X	Sample		1.0000
83		6/14/2022 20:10:15	075SMPL.D	2205638-80MSD 10X	Sample		1.0000
84		6/14/2022 20:13:06	076SMPL.D	2205638-80A 10X	Sample		1.0000
85		6/14/2022 20:18:55	0776CCV.D	CCV	6-CCV		1.0000
86		6/14/2022 20:24:48	0786CCB.D	CCB	6-CCB		1.0000
87		6/14/2022 20:27:48	0796CCB.D	IP220613-1MB 10X	6-CCB		1.0000
88		6/14/2022 20:30:47	080_LCS.D	IM220613-1LCS 10X	6-LCS		1.0000
89		6/14/2022 20:36:40	081SMPL.D	2205638-81 10X	Sample		1.0000
90		6/14/2022 20:39:35	082SMPL.D	2205638-81L 50X	Sample		1.0000
91		6/14/2022 20:42:32	083SMPL.D	2205638-81MS 10X	Sample		1.0000
92		6/14/2022 20:45:23	084SMPL.D	2205638-81MSD 10X	Sample		1.0000
93		6/14/2022 20:48:14	085SMPL.D	2205638-81A 10X	Sample		1.0000

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
94		6/14/2022 20:54:02	086SMPL.D	2205638-82 10X	Sample		1.0000
95		6/14/2022 20:56:57	087SMPL.D	2205638-83 10X	Sample		1.0000
96		6/14/2022 20:59:52	088SMPL.D	2205638-84 10X	Sample		1.0000
97		6/14/2022 21:05:43	0896CCV.D	CCV	6-CCV		1.0000
98		6/14/2022 21:11:37	0906CCB.D	CCB	6-CCB		1.0000
99		6/14/2022 21:14:36	091SMPL.D	2205638-85 10X	Sample		1.0000
100		6/14/2022 21:17:32	092SMPL.D	2205638-86 10X	Sample		1.0000
101		6/14/2022 21:20:27	093SMPL.D	2205638-87 10X	Sample		1.0000
102		6/14/2022 21:23:22	094SMPL.D	2205638-88 10X	Sample		1.0000
103		6/14/2022 21:26:18	095SMPL.D	2205638-88L 50X	Sample		1.0000
104		6/14/2022 21:29:18	096SMPL.D	2205638-88MS 10X	Sample		1.0000
105		6/14/2022 21:32:09	097SMPL.D	2205638-88MSD 10X	Sample		1.0000
106		6/14/2022 21:35:01	098SMPL.D	2205638-88A 10X	Sample		1.0000
107		6/14/2022 21:40:49	0996CCV.D	CCV	6-CCV		1.0000
108		6/14/2022 21:46:42	1006CCB.D	CCB	6-CCB		1.0000
109		6/14/2022 21:49:43	101SMPL.D	2205638-90 10X	Sample		1.0000
110		6/14/2022 21:52:40	102SMPL.D	2205638-90L 50X	Sample		1.0000
111		6/14/2022 21:55:39	103SMPL.D	2205638-90MS 10X	Sample		1.0000
112		6/14/2022 21:58:31	104SMPL.D	2205638-90MSD 10X	Sample		1.0000
113		6/14/2022 22:01:22	105SMPL.D	2205638-90A 10X	Sample		1.0000
114		6/14/2022 22:07:11	106SMPL.D	2205638-91 10X	Sample		1.0000
115		6/14/2022 22:10:06	107SMPL.D	2205638-92 10X	Sample		1.0000
116		6/14/2022 22:13:01	108SMPL.D	2205638-93 10X	Sample		1.0000
117		6/14/2022 22:15:57	109SMPL.D	2205638-94 10X	Sample		1.0000
118		6/14/2022 22:18:54	110SMPL.D	2205638-95 10X	Sample		1.0000
119		6/14/2022 22:24:45	1116CCV.D	CCV	6-CCV		1.0000
120		6/14/2022 22:30:39	1126CCB.D	CCB	6-CCB		1.0000
121		6/14/2022 22:33:39	113SMPL.D	2205638-96 10X	Sample		1.0000
122		6/14/2022 22:36:34	114SMPL.D	2205638-97 10X	Sample		1.0000
123		6/14/2022 22:39:29	115SMPL.D	2205638-98 10X	Sample		1.0000
124		6/14/2022 22:42:24	116SMPL.D	2205638-99 10X	Sample		1.0000
125		6/14/2022 22:45:20	117SMPL.D	2205638-100 10X	Sample		1.0000
126		6/14/2022 22:51:11	1186CCV.D	CCV	6-CCV		1.0000

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
127		6/14/2022 22:57:04	1196CCB.D	CCB	6-CCB		1.0000
128		6/14/2022 23:00:03	1206CCB.D	IP220613-2MB 10X	6-CCB		1.0000
129		6/14/2022 23:03:03	121_LCS.D	IM220613-2LCS 10X	6-LCS		1.0000
130		6/14/2022 23:08:57	122_LCS.D	IM220613-2LCSD 10X	6-LCS		1.0000
131		6/14/2022 23:14:51	123SMPL.D	2205638-101 10X	Sample		1.0000
132		6/14/2022 23:17:46	124SMPL.D	2205638-102 10X	Sample		1.0000
133		6/14/2022 23:20:41	125SMPL.D	2205638-103 10X	Sample		1.0000
134		6/14/2022 23:23:37	126SMPL.D	2205638-104 10X	Sample		1.0000
135		6/14/2022 23:26:33	127SMPL.D	2205638-105 10X	Sample		1.0000
136		6/14/2022 23:29:28	128SMPL.D	2205638-106 10X	Sample		1.0000
137		6/14/2022 23:32:23	129SMPL.D	2205638-107 10X	Sample		1.0000
138		6/14/2022 23:38:16	1306CCV.D	CCV	6-CCV		1.0000
139		6/14/2022 23:44:10	1316CCB.D	CCB	6-CCB		1.0000
140		6/14/2022 23:47:09	132SMPL.D	2205638-108 10X	Sample		1.0000
141		6/14/2022 23:50:06	133SMPL.D	2205638-109 10X	Sample		1.0000
142		6/14/2022 23:53:01	134SMPL.D	2205638-110 10X	Sample		1.0000
143		6/14/2022 23:55:58	135SMPL.D	2205638-111 10X	Sample		1.0000
144		6/14/2022 23:58:53	136SMPL.D	2205638-112 10X	Sample		1.0000
145		6/15/2022 00:01:49	137SMPL.D	2205638-113 10X	Sample		1.0000
146		6/15/2022 00:04:46	138SMPL.D	2205638-115 10X	Sample		1.0000
147		6/15/2022 00:07:40	139SMPL.D	2205638-116 10X	Sample		1.0000
148		6/15/2022 00:10:37	140SMPL.D	2205638-117 10X	Sample		1.0000
149		6/15/2022 00:13:32	141SMPL.D	2205638-118 10X	Sample		1.0000
150		6/15/2022 00:19:23	1426CCV.D	CCV	6-CCV		1.0000
151		6/15/2022 00:25:17	1436CCB.D	CCB	6-CCB		1.0000
152		6/15/2022 00:28:16	144SMPL.D	2205638-119 10X	Sample		1.0000
153		6/15/2022 00:31:12	145SMPL.D	2205638-120 10X	Sample		1.0000
154		6/15/2022 00:34:09	146SMPL.D	2205638-121 10X	Sample		1.0000
155		6/15/2022 00:39:59	1476CCV.D	CCV	6-CCV		1.0000
156		6/15/2022 00:45:53	1486CCB.D	CCB	6-CCB		1.0000
157		6/15/2022 00:48:52	1496CCB.D	IP220613-3MB 10X	6-CCB		1.0000
158		6/15/2022 00:51:51	150_LCS.D	IM220613-3LCS 10X	6-LCS		1.0000
159		6/15/2022 00:57:46	151_LCS.D	IM220613-3LCSD 10X	6-LCS		1.0000

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
160		6/15/2022 01:03:41	152SMPL.D	2205638-122 10X	Sample		1.0000
161		6/15/2022 01:06:36	153SMPL.D	2205638-123 10X	Sample		1.0000
162		6/15/2022 01:09:31	154SMPL.D	2205638-124 10X	Sample		1.0000
163		6/15/2022 01:12:27	155SMPL.D	2205638-125 10X	Sample		1.0000
164		6/15/2022 01:15:24	156SMPL.D	2205638-126 10X	Sample		1.0000
165		6/15/2022 01:18:21	157SMPL.D	2205638-128 10X	Sample		1.0000
166		6/15/2022 01:21:17	158SMPL.D	2205638-129 10X	Sample		1.0000
167		6/15/2022 01:27:09	1596CCV.D	CCV	6-CCV		1.0000
168		6/15/2022 01:33:02	1606CCB.D	CCB	6-CCB		1.0000
169		6/15/2022 01:36:01	161SMPL.D	2205638-130 10X	Sample		1.0000
170		6/15/2022 01:38:57	162SMPL.D	2205638-131 10X	Sample		1.0000
171		6/15/2022 01:41:54	163SMPL.D	2205638-132 10X	Sample		1.0000
172		6/15/2022 01:44:50	164SMPL.D	2205638-133 10X	Sample		1.0000
173		6/15/2022 01:47:46	165SMPL.D	2205638-134 10X	Sample		1.0000
174		6/15/2022 01:50:44	166SMPL.D	2205638-135 10X	Sample		1.0000
175		6/15/2022 01:53:40	167SMPL.D	2205638-136 10X	Sample		1.0000
176		6/15/2022 01:56:35	168SMPL.D	2205638-137 10X	Sample		1.0000
177		6/15/2022 01:59:30	169SMPL.D	2205638-138 10X	Sample		1.0000
178		6/15/2022 02:02:26	170SMPL.D	2205638-139 10X	Sample		1.0000
179		6/15/2022 02:08:17	1716CCV.D	CCV	6-CCV		1.0000
180		6/15/2022 02:14:10	1726CCB.D	CCB	6-CCB		1.0000
181		6/15/2022 02:17:09	173SMPL.D	2205638-140 10X	Sample		1.0000
182		6/15/2022 02:20:06	174SMPL.D	2205638-141 10X	Sample		1.0000
183		6/15/2022 02:23:01	175SMPL.D	2205638-142 10X	Sample		1.0000
184		6/15/2022 02:28:54	1766CCV.D	CCV	6-CCV		1.0000
185		6/15/2022 02:34:48	1776CCB.D	CCB	6-CCB		1.0000
186		6/15/2022 02:37:47	178SMPL.D	RINSE	Sample		1.0000
187		6/15/2022 02:40:47	179SMPL.D	RINSE	Sample		1.0000

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0294	5681.00	-0.0001	8.67	0.0561	9100.30	-1.8885	7692.10	-0.3835	13.33
2	RINSE	0.0327	5225.51	-0.0001	8.67	0.0695	8267.66	-1.8500	7715.47	-0.0801	43.33
3	RINSE	0.0304	5116.81	-0.0003	5.33	0.0534	7921.96	-2.4527	7348.58	-0.3832	13.33
4	BLANK	0.0000	3015.63	0.0000	10.00	0.0000	6981.51	0.0000	8345.75	0.0000	50.00
5	H/1000	0.9607	64666.26	0.0470	902.70	1.1324	24469.90	105.4438	79349.03	10.4337	1063.42
6	H/100	9.4408	667175.31	0.4880	10157.08	9.4675	166431.96	996.6688	730939.05	98.8713	10577.18
7	H/10	106.5458	7866978.33	4.9612	108337.50	102.4714	1801396.60	10502.8716	7987910.09	1019.7277	115134.66
8	HIGH	999.3511	75184720.00	50.0040	1113371.79	999.7580	16337093.80	99949.7407	75152188.88	9998.0381	1087763.87
9	RINSE	0.2328	19477.25	0.0011	33.33	2.6850	52970.77	1.2892	9819.94	1.0603	150.01
10	ICV	202.5994	15149877.67	9.2935	205508.86	197.2408	3435059.38	20730.9044	15477986.85	1931.0546	213932.03
11	ICB	0.0805	8340.77	0.0007	24.67	1.0703	24155.02	0.8121	9219.62	-0.1535	36.67
12	LIV	1.9839	132957.38	0.0523	1022.71	15.1706	250450.01	99.1394	76921.09	11.3444	1210.10
13	ICSA	0.1022	10524.65	0.0007	24.67	1.1899	26549.73	26533.8990	19232455.96	9846.6444	1041709.18
14	ICSAB	102.7948	7492731.33	4.7803	103028.96	102.4163	1716115.59	35775.6905	26595163.77	11012.7620	1196258.50
15	CCV	103.0809	7317382.17	4.8282	101344.83	98.4130	1689486.46	10443.5908	7648750.72	1017.7519	109740.09
16	CCB	0.0438	5686.32	0.0001	12.00	0.4452	13973.64	0.1426	8545.92	-0.1384	36.67
17	IP220610-5MB ...	0.0546	6269.88	-0.0002	6.00	0.4382	13481.02	-1.1608	7572.05	0.6421	110.00
18	IM220610-5LCS...	103.5808	6968164.33	4.9131	97734.62	194.7341	3169180.57	984.7125	698802.23	956.0040	98813.58
19	2205638-41 10X	13.6843	1031566.85	0.9287	20641.84	7.7206	138661.81	427.5696	342519.88	5539.1127	652063.51
20	2205638-41L 50X	2.4266	175687.92	0.1882	3965.82	1.9751	41427.01	86.5740	73743.49	1163.5597	128421.24
21	2205638-41MS ...	110.7219	8312787.00	5.5184	122515.93	123.7605	2101693.04	1441.0040	1151803.42	6353.7359	753296.71
22	2205638-41MSD...	109.9695	8158944.50	5.4437	119397.35	131.5436	2237879.15	1406.5651	1103270.71	6220.7166	737411.58
23	2205638-41A 10X	131.5654	9667329.67	5.3164	115495.24	109.5088	1835857.15	2429.1963	1885198.67	8013.6520	932531.91
24	2205638-42 10X	8.7684	676476.04	0.9936	22566.90	6.3261	120382.63	196.6959	172436.48	2760.2517	342820.96
25	2205638-43 10X	11.3082	875252.02	1.1823	27021.96	6.0895	114953.82	153.9654	137482.19	2973.4276	370235.93
26	2205638-44 10X	8.6547	654260.11	0.7350	16358.58	5.8866	110102.36	119.8483	105851.81	3357.7190	406577.66
27	CCV	101.8826	7880231.17	4.7441	108508.53	96.6009	1787797.36	10378.6824	8414390.29	997.1795	119376.53
28	CCB	0.0309	5577.63	0.0004	18.67	0.2960	13310.85	-0.9037	8946.14	-0.3099	23.33
29	2205638-45 10X	8.8733	710526.21	0.7382	17408.94	5.5694	109619.34	120.8507	111504.86	3376.7106	426629.93
30	2205638-46 10X	6.7937	495385.30	0.5870	12589.37	5.0221	91566.03	168.6979	141648.91	2285.2632	268059.23
31	2205638-47 10X	6.8230	491413.92	0.5828	12343.18	4.2147	77139.14	238.8712	187092.05	2156.7325	243505.43

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2205638-48 10X	10.2784	742723.21	0.7425	15810.71	7.6583	134881.60	227.1573	181672.66	3580.5465	412012.44
33	2205638-49 10X	15.2497	1110790.25	1.0017	21524.28	7.1776	126338.27	250.9462	203810.55	4485.2323	527855.21
34	2205638-50 10X	9.8410	720755.71	1.0377	22386.01	6.4691	116883.02	167.7580	140295.85	3012.8464	352176.25
35	2205638-51 10X	9.4345	689445.96	0.9585	20630.48	5.2523	95198.94	127.6047	108089.57	2895.3622	339358.28
36	2205638-52 10X	7.1376	500624.49	0.6096	12572.01	5.1727	92290.21	79.0080	68813.07	2527.4284	290040.61
37	2205638-53 10X	7.0210	502649.55	0.5489	11557.30	3.9852	73992.05	92.9890	79728.55	2322.7239	262542.95
38	2205638-54 10X	9.3746	688258.75	0.7825	16922.44	5.8481	104039.26	486.2222	384284.57	2710.2666	315855.03
39	CCV	100.5142	7547396.33	4.6745	103772.82	95.7164	1723936.88	10196.8730	8036808.00	1005.1099	115887.99
40	CCB	0.0205	4587.32	0.0002	14.00	0.3021	12495.80	-1.2994	8279.08	0.1773	73.34
41	2205638-55 10X	14.7708	1154806.17	1.0154	23416.11	7.1167	133276.80	395.5645	326340.43	2668.5498	329723.21
42	2205638-56 10X	10.0584	744542.94	1.1092	24175.11	8.2361	149482.88	342.5432	280907.22	4460.5870	538939.30
43	2205638-57 10X	11.1674	811902.42	1.2682	27172.94	6.7331	121102.59	204.4833	170261.67	3563.1418	430976.55
44	2205638-58 10X	10.6713	768261.61	0.9401	19941.02	7.2885	128945.67	368.2736	294335.84	3214.4276	379026.89
45	2205638-59 10X	9.6528	726186.56	0.9182	20334.15	5.2554	99365.15	262.9133	208906.52	2836.7877	329168.44
46	2205638-60 10X	9.7349	710706.32	1.2339	26520.56	6.7127	120377.89	113.2332	99748.13	7044.2509	848885.09
47	2205638-49 100X	1.3100	93377.76	0.1031	2109.48	1.0421	25216.57	22.0557	25737.47	480.7718	52700.82
48	CCV	101.7857	7465486.67	4.6614	101118.65	95.2744	1700720.73	10366.2716	7995668.63	1008.5051	116243.52
49	CCB	0.0119	4031.18	0.0000	10.00	0.2820	12475.81	-0.9707	8559.25	0.0164	56.67
50	2205638-41 100X	1.1791	89155.45	0.0933	2022.80	0.6883	19932.96	40.2643	40116.07	578.8790	65000.53
51	2205638-41L 5...	0.2392	19098.15	0.0190	386.68	0.1264	9423.82	5.3995	12818.78	118.1034	12318.43
52	2205638-41MS ...	10.3182	724049.40	0.5744	11882.19	11.1940	198253.00	135.7173	110437.31	686.2656	75236.04
53	2205638-41MSD...	10.1826	712486.98	0.5651	11653.37	11.4579	201185.78	137.3431	108351.23	678.2338	73454.38
54	2205638-41A 1...	129.0464	8927605.33	4.7806	97798.97	100.2589	1674632.29	2114.4150	1555606.54	3457.8715	371315.53
55	CCV	102.2802	7356487.67	4.7662	101376.75	97.5409	1703673.12	10352.8608	7819315.92	1004.1552	112435.78
56	CCB	0.0169	4255.90	0.0004	17.33	0.3866	13824.67	-1.4478	7755.50	0.0340	56.67
57	IP220610-6MB ...	0.0260	4590.65	0.0002	14.00	0.1657	9621.69	-2.1589	7168.54	0.9094	140.01
58	IM220610-6LCS...	103.6981	7061342.17	4.8146	96946.55	192.7753	3220966.61	969.1250	705565.43	946.6026	100347.08
59	2205638-62 10X	10.6044	819553.71	1.3718	31229.10	7.2778	135407.00	120.3425	107075.93	8869.0934	1104269.18
60	2205638-63 10X	9.5571	700750.38	0.8505	18367.93	7.2530	129405.37	205.0893	169847.47	3008.6874	357769.12
61	2205638-64 10X	10.1590	743512.77	1.0312	22229.84	6.4316	115481.30	258.9886	210761.54	2833.0646	337819.89
62	2205638-65 10X	8.2315	588178.73	0.7899	16614.13	6.6376	117570.84	223.4717	180525.83	2629.3811	309215.98

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	2205638-66 10X	8.3454	598929.81	0.7977	16854.39	6.4281	114319.10	223.9398	181152.82	2680.5261	315164.18
64	2205638-67 10X	8.1873	582902.77	0.7888	16528.71	6.3837	112731.65	218.7180	178298.78	2650.0139	312074.79
65	2205638-68 10X	10.2257	723269.02	0.9819	20462.95	5.6904	100690.42	292.8549	230480.29	3202.1251	374788.69
66	2205638-69 10X	9.6469	684460.69	0.9237	19315.62	5.9187	103733.75	277.8574	221534.20	3112.4608	363353.81
67	CCV	101.2732	7176265.67	4.6841	98155.96	95.1317	1655685.73	10302.3983	7688762.80	1000.8275	111428.47
68	CCB	0.0101	3783.12	0.0002	14.67	0.2753	11937.64	-1.3605	7848.84	0.1086	63.34
69	2205638-70 10X	9.5407	724591.42	0.9284	20767.99	5.1948	97528.12	286.6700	236507.05	3166.5251	384518.60
70	2205638-71 10X	6.7188	498803.90	0.8449	18437.98	5.1692	97889.02	94.8706	84149.41	4205.5234	497008.77
71	2205638-72 10X	8.0247	592776.13	1.0221	22214.48	5.2275	96958.89	130.0042	109738.03	6861.1998	810243.53
72	2205638-73 10X	7.8348	565626.81	0.8362	17760.64	7.2142	128618.25	170.4432	140964.73	2482.5951	290494.62
73	2205638-74 10X	9.2250	669973.35	0.8574	18336.59	6.4740	115712.01	240.4854	191560.38	2720.7005	316063.21
74	2205638-75 10X	19.9572	1468306.29	1.2147	26383.03	10.6794	187676.42	205.4120	175972.19	3763.2988	482424.37
75	2205638-76 10X	10.8996	801873.39	1.1129	24125.72	7.8492	140909.82	223.0164	181768.24	4699.8637	566672.30
76	2205638-77 10X	8.9679	655665.89	0.6758	14554.93	8.3144	148966.62	157.4880	130097.39	3138.5564	364868.21
77	2205638-79 10X	10.6906	775537.27	0.7429	15883.44	7.2751	129459.77	183.8590	150240.83	3360.7992	386426.62
78	CCV	99.9790	7273381.83	4.6064	99089.96	91.9127	1626659.93	10426.9044	7917086.55	1006.0433	113102.57
79	CCB	0.0085	3620.41	0.0001	12.00	0.2992	12304.54	-1.7744	7708.74	-0.0340	50.00
80	2205638-80 10X	9.7786	725404.04	0.9459	20661.89	10.2972	182991.90	244.1974	200953.33	4108.3459	491981.52
81	2205638-80L 50X	2.0107	140048.63	0.1973	3981.16	2.3945	47450.50	47.6740	44346.96	876.1591	97091.03
82	2205638-80MS ...	107.7387	8052517.83	5.4404	120234.40	154.4527	2660568.78	1172.8394	904095.14	5116.2741	592890.36
83	2205638-80MSD...	106.6896	7562420.33	5.4243	113673.12	163.5730	2669568.23	1179.0852	896799.41	5159.4611	597963.26
84	2205638-80A 10X	130.5187	9095998.00	5.3357	109934.09	114.1542	1862656.59	2261.9814	1696704.14	6795.1898	773413.30
85	CCV	98.9862	6882208.17	4.5824	94206.47	92.9695	1591932.89	10377.7831	7602858.22	1003.1377	110341.85
86	CCB	0.0304	4850.73	0.0002	14.00	0.6070	16673.90	-1.1559	7875.53	0.0872	60.00
87	IP220613-1MB ...	0.0467	5784.36	-0.0004	2.00	0.3191	11884.28	-3.0768	6541.58	0.3924	90.00
88	IM220613-1LCS...	101.6786	6705514.33	4.7326	92280.12	183.8763	3027402.52	953.5922	697642.38	933.6392	98169.91
89	2205638-81 10X	10.3886	765714.94	1.1729	25471.67	5.6691	105145.94	166.3729	142870.51	3730.0145	454945.49
90	2205638-81L 50X	2.1343	149962.81	0.2383	4858.73	1.5174	32930.80	31.0165	32599.62	797.7625	88377.19
91	2205638-81MS ...	109.0924	7953116.33	5.7033	122930.82	133.6461	2226328.32	1094.6365	864308.89	4781.8923	567720.58
92	2205638-81MSD...	106.5196	7639797.00	5.5749	118214.12	130.5264	2179387.07	1077.8837	840095.09	4637.9666	549292.21
93	2205638-81A 10X	130.4025	9109360.33	5.5930	115543.42	105.9561	1729923.23	2169.6612	1639299.92	6260.6122	721540.95

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	2205638-82 10X	8.7506	634445.90	0.6970	14879.20	5.6588	103868.57	178.8596	149410.45	3314.8790	389808.01
95	2205638-83 10X	8.9459	640921.17	0.6953	14662.33	4.8628	89290.86	194.7272	160696.37	3052.9949	360477.41
96	2205638-84 10X	9.0196	642687.21	0.7012	14717.05	4.6526	85112.22	189.9704	154382.05	3096.0002	356947.78
97	CCV	99.1150	6808936.50	4.5851	93125.21	90.7496	1542153.31	10274.9915	7524301.14	989.2599	108166.24
98	CCB	0.0228	4393.28	0.0002	13.33	0.3361	12476.88	-2.2095	7211.86	0.1881	70.00
99	2205638-85 10X	9.1661	661157.77	0.7193	15280.23	4.8581	88883.90	190.6441	155869.61	3182.1185	369649.99
100	2205638-86 10X	8.7247	618484.66	0.6823	14237.34	4.4435	80921.85	188.7337	153123.44	2957.4518	341823.15
101	2205638-87 10X	8.9827	632133.37	0.7112	14742.41	4.5324	81842.69	193.6343	157062.74	3087.2034	356536.23
102	2205638-88 10X	7.1672	487848.07	0.7977	15970.19	9.2173	156064.38	255.5930	194393.91	6432.3304	707416.32
103	2205638-88L 50X	1.4508	95622.66	0.1613	3056.30	2.1586	41304.46	44.9924	40874.74	1329.8349	139311.37
104	2205638-88MS ...	105.1694	6924701.83	5.3685	104552.02	144.1078	2260331.58	1184.1082	862010.19	7707.0232	848026.11
105	2205638-88MSD...	95.2833	6238501.00	4.8404	93683.94	137.5460	2162236.86	1087.2616	798044.36	6983.1321	768660.38
106	2205638-88A 10X	126.5567	8291939.00	5.2483	101678.59	108.7052	1700480.38	2296.9470	1664375.55	8997.5928	983536.76
107	CCV	98.4728	6598108.00	4.5821	90808.92	91.9210	1513399.45	10079.6621	7232238.44	1003.0535	105811.89
108	CCB	0.0346	5116.14	0.0001	12.00	0.5911	16582.64	-3.2833	6421.52	0.3040	83.34
109	2205638-90 10X	8.3966	574891.31	0.9537	19220.83	5.9199	103108.42	161.0999	130963.99	5865.8057	664138.53
110	2205638-90L 50X	1.7252	115942.24	0.1931	3746.44	1.4478	30714.41	29.0943	30094.85	1206.3423	129187.48
111	2205638-90MS ...	99.0581	6800092.67	5.1355	104248.45	116.4951	1880556.17	1042.4693	776376.47	6982.1476	786364.83
112	2205638-90MSD...	105.8608	7168268.83	5.5864	111852.76	129.4458	2067647.21	1081.9492	810983.48	7380.8444	829077.62
113	2205638-90A 10X	126.1198	8530259.33	5.2624	105249.21	102.9683	1653261.98	2197.0843	1595400.70	8203.0606	900688.71
114	2205638-91 10X	6.8806	489753.02	0.5660	11845.49	5.1068	93821.18	157.8416	130726.71	2316.0754	268624.48
115	2205638-92 10X	9.5634	688240.81	0.7491	15888.13	5.2126	95529.69	167.5535	138495.20	3907.8897	458814.25
116	2205638-93 10X	8.7418	623904.06	0.7355	15455.06	6.5633	117013.39	170.8449	141079.02	3062.3012	356987.42
117	2205638-94 10X	10.6078	768074.86	0.8350	17818.02	5.9229	106469.78	168.0709	137507.88	3668.0984	427511.24
118	2205638-95 10X	6.7113	474567.24	0.7014	14578.27	5.9462	105616.49	244.1587	193470.97	2912.6786	331270.80
119	CCV	97.4915	6774609.33	4.5249	92985.65	89.3612	1523602.93	10136.7302	7384650.31	986.2902	106859.09
120	CCB	0.0241	4555.31	0.0001	11.33	0.3645	13245.25	-3.3446	6518.27	-0.0575	46.67
121	2205638-96 10X	6.7665	492564.39	0.7200	15409.68	3.5448	67828.88	150.5045	124445.96	2632.2607	306076.56
122	2205638-97 10X	7.8208	569387.67	0.7216	15457.06	4.8365	90187.88	633.1243	493531.82	3696.1576	431103.96
123	2205638-98 10X	8.3201	594775.00	0.7838	16492.05	4.7539	86859.70	557.6100	432406.46	3895.7279	452391.73
124	2205638-99 10X	8.6194	603818.00	0.6757	13932.40	6.2104	109159.78	182.4371	146232.49	3309.2932	376015.18

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
125	2205638-100 10X	10.5090	735452.65	0.7761	16010.87	6.6112	116305.06	176.0519	140533.19	3991.6539	455104.98
126	CCV	97.4406	6607325.67	4.5253	90718.22	89.3614	1497354.59	9946.8885	7298356.77	985.4123	106529.16
127	CCB	0.0133	3807.12	0.0002	12.67	0.3250	12450.24	-3.2558	6464.89	0.1438	66.67
128	IP220613-2MB ...	0.0269	4568.65	0.0001	11.33	0.1360	9185.90	-3.3996	6384.80	0.3151	83.34
129	IM220613-2LCS...	99.1056	6511229.83	4.6557	90426.14	174.8308	2851684.33	947.1162	683968.19	928.8869	98337.46
130	IM220613-2LCS...	98.2847	6612418.83	4.6059	91631.12	172.7346	2920488.77	960.9713	692717.28	925.4926	98649.62
131	2205638-101 10X	8.9926	599326.98	0.8087	15868.14	8.8771	145823.56	195.1375	137328.53	4211.3436	418415.19
132	2205638-102 10X	9.8670	633714.15	0.8967	16967.18	7.4787	119798.61	162.1511	120732.16	4548.8637	480601.02
133	2205638-103 10X	7.8790	506270.79	0.7110	13446.01	5.2564	86525.74	120.9318	92741.22	2862.2777	306624.10
134	2205638-104 10X	9.4279	635084.63	0.7828	15532.44	5.1836	89212.09	146.7387	114847.71	3659.3103	397754.47
135	2205638-105 10X	7.4928	496577.28	0.7180	13996.44	5.5168	93979.65	121.4304	96311.40	4034.4575	439601.01
136	2205638-106 10X	9.0871	603370.60	0.9654	18875.81	4.3137	75343.53	159.7446	126043.19	4360.3799	486866.15
137	2205638-107 10X	8.6298	573077.98	0.7726	15107.40	5.7111	97762.19	169.9448	131496.01	2990.4711	332741.43
138	CCV	96.9906	6394223.83	4.5724	89127.52	88.6645	1460067.93	10110.3907	7175883.02	983.5821	103240.03
139	CCB	0.0121	3459.72	0.0000	8.67	0.4368	13138.54	-3.0083	6198.07	-0.0486	43.33
140	2205638-108 10X	9.2919	630039.54	0.8338	16652.83	4.3194	76405.01	135.9826	107485.36	4167.3433	457771.27
141	2205638-109 10X	5.8321	391517.05	0.6318	12464.61	2.9846	55128.95	90.1035	73734.29	2171.6047	237193.95
142	2205638-110 10X	7.8560	532596.15	0.7906	15770.65	2.9970	55612.97	109.7005	88127.24	3243.3628	359457.35
143	2205638-111 10X	8.5670	583014.25	0.7492	15006.64	4.7526	83519.96	167.7290	130816.08	3488.0640	383330.54
144	2205638-112 10X	6.6988	450164.40	0.7210	14243.32	3.4807	62771.66	135.0042	105224.40	3759.9610	406863.95
145	2205638-113 10X	8.7751	591019.44	0.7560	14985.96	5.9311	101531.47	175.1243	137385.01	2825.2607	311686.01
146	2205638-115 10X	7.7501	526631.42	0.6517	13031.70	4.6849	81303.71	176.2366	134418.75	2622.3432	286506.06
147	2205638-116 10X	9.1662	602957.54	0.7089	13738.27	6.8213	114845.67	581.7868	424508.82	4034.2924	437560.50
148	2205638-117 10X	9.3119	624006.00	0.7808	15416.35	6.3518	107625.74	177.8980	138357.79	3462.7964	383838.29
149	2205638-118 10X	10.4829	702191.00	0.7465	14737.76	5.5685	95070.03	236.9877	179329.95	4446.2947	482929.90
150	CCV	96.9521	6285398.17	4.5040	86350.05	88.1473	1434009.77	10001.0965	7041311.98	984.5115	101986.00
151	CCB	0.0080	3287.68	0.0001	10.67	0.3016	11531.77	-3.1864	6194.76	0.0380	53.33
152	2205638-119 10X	10.3887	720517.31	0.8246	16853.69	5.2392	91822.98	159.9281	126776.39	5047.5677	560301.36
153	2205638-120 10X	8.5867	572741.04	0.7360	14450.86	7.3864	126521.71	130.3633	104128.86	3398.6601	377735.03
154	2205638-121 10X	9.9756	666306.46	0.8695	17111.32	6.6206	112465.85	120.8354	98562.16	3795.9384	422288.20
155	CCV	95.6024	6155642.00	4.5207	85500.89	87.4916	1410490.64	9968.9845	6922258.23	963.7348	100198.54

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
156	CCB	0.0029	3015.62	-0.0001	8.67	0.2547	11047.03	-3.6178	5891.32	0.1874	66.67
157	IP220613-3MB ...	0.0132	3596.41	-0.0002	6.00	0.0926	8306.59	-4.2457	5504.50	0.3202	80.00
158	IM220613-3LCS...	93.0961	5981062.33	4.3999	83567.59	164.4770	2663623.92	938.1756	650167.18	910.2745	92397.70
159	IM220613-3LCS...	95.4512	6315507.17	4.4878	87769.60	163.5013	2751197.25	953.1293	673805.72	915.1578	95561.79
160	2205638-122 10X	8.6702	594596.73	0.8137	16431.29	9.0923	156826.65	300.6518	230572.65	4193.6204	467083.87
161	2205638-123 10X	9.7045	659058.06	0.9346	18690.96	6.4310	111004.14	235.3374	181136.98	5710.8949	639667.14
162	2205638-124 10X	8.7007	580564.39	0.8348	16396.58	6.3069	108831.24	431.8858	321882.74	3857.0655	431491.17
163	2205638-125 10X	8.2996	553995.69	0.8632	16960.51	5.0045	87634.82	251.3348	191767.06	4653.4871	518131.72
164	2205638-126 10X	7.0031	466832.12	0.7130	13978.46	4.7156	83343.53	339.5546	256056.08	2690.2277	297535.89
165	2205638-128 10X	6.5727	439959.47	0.7858	15461.73	3.3353	60854.96	274.4192	209092.25	2455.0011	274099.13
166	2205638-129 10X	9.4546	631579.83	1.1054	21743.23	4.8604	85789.12	239.1761	185510.94	2802.0968	319308.52
167	CCV	93.5275	6104907.17	4.5305	85742.01	85.8499	1406738.35	9940.9977	7065426.35	968.2293	101036.67
168	CCB	0.0019	3037.63	-0.0001	8.00	0.2417	11209.37	-4.3097	5784.56	-0.0923	43.33
169	2205638-130 10X	10.4167	716939.54	1.2092	24520.98	4.2162	76439.21	242.0967	190197.33	3178.2294	365642.17
170	2205638-131 10X	7.0207	480563.13	0.7543	15177.47	3.6584	67149.24	259.1678	200089.76	4734.5404	526648.01
171	2205638-132 10X	5.9192	395291.56	0.6919	13570.81	3.1887	57930.27	264.0564	199032.12	5038.2026	551918.05
172	2205638-133 10X	6.1328	402810.71	0.5225	10086.38	3.3497	60490.26	207.6002	156237.97	2082.5895	225000.76
173	2205638-134 10X	5.4602	356509.23	0.4662	8937.06	3.0817	56069.01	239.5999	178545.43	1993.7816	214598.24
174	2205638-135 10X	4.4739	288952.30	0.3426	6487.94	3.1870	57892.41	174.5825	129620.99	1205.9977	127964.34
175	2205638-136 10X	10.3921	662115.79	1.1052	20741.28	5.2255	89064.71	208.0750	157278.45	3656.4985	401548.29
176	2205638-137 10X	10.4566	672220.27	1.0943	20723.28	5.2839	90310.72	210.3175	161483.41	3712.0696	411359.97
177	2205638-138 10X	10.5023	675151.12	1.1054	20940.18	5.4008	92418.84	219.6358	164948.29	3722.2542	413291.19
178	2205638-139 10X	10.9656	709460.21	1.3381	25509.66	4.7002	80245.40	149.8361	117394.75	3097.4809	348288.69
179	CCV	92.7375	5880613.50	4.4562	82116.45	83.4109	1343604.15	9949.0324	6878082.60	960.0144	99478.52
180	CCB	0.0013	2906.27	0.0000	8.67	0.2006	10256.53	-3.7955	6081.41	-0.0176	50.00
181	2205638-140 10X	11.2272	750821.75	1.3580	26762.31	4.5123	79277.79	161.9960	129506.50	3182.8918	362815.95
182	2205638-141 10X	11.6177	768639.40	1.3922	27145.56	5.4864	94661.00	167.5911	131735.67	3269.8184	370038.73
183	2205638-142 10X	6.8493	451455.44	0.5463	10589.99	4.2503	74881.26	262.4301	197230.06	2247.1367	244455.22
184	CCV	93.8689	6003177.33	4.4210	81965.65	83.9225	1362820.33	9990.6626	6918251.15	970.3362	100677.77
185	CCB	-0.0003	2857.59	-0.0002	6.00	0.2090	10507.79	-4.2681	5817.94	0.0777	60.00
186	RINSE	0.0219	4287.24	-0.0002	5.33	0.0715	8311.04	-3.6503	6301.48	-0.0833	43.34

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
187	RINSE	0.0197	4149.88	0.0000	9.33	-0.0279	6668.04	-3.7838	6124.72	0.1536	66.67

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0374	146.67	-1.3786	5664.55	-3.9517	70.90	0.0251	30.00	0.0130	244.67
2	RINSE	0.0080	136.67	-1.2080	5624.54	-3.7830	74.06	-0.0118	23.33	0.0120	237.33
3	RINSE	0.0935	163.38	-0.2766	5801.31	-0.5561	141.72	0.0063	26.67	0.0122	241.33
4	BLANK	0.0000	123.34	0.0000	5761.29	0.0000	137.76	0.0000	23.33	0.0000	144.00
5	H/1000	5.4135	1860.20	54.6212	16552.35	56.5308	1198.56	3.4735	640.05	0.1129	881.03
6	H/100	51.4771	17923.45	486.9449	110841.73	515.8983	10560.82	29.6645	5704.56	1.0057	7202.58
7	H/10	510.3415	185148.11	4930.9093	1096662.59	5119.1314	108506.23	300.2948	60331.41	10.1273	74568.01
8	HIGH	4998.9507	1793564.45	50007.0350	10251023.80	49987.9213	1047152.07	2999.9734	596340.73	99.9872	727161.54
9	RINSE	0.6567	340.03	0.2831	5981.35	1.7436	182.98	0.0305	30.00	0.0131	242.33
10	ICV	988.8820	352262.83	9925.3509	2143065.12	9893.9614	205839.94	400.7984	79090.40	19.9828	144360.56
11	ICB	-0.1389	83.33	-2.3079	5471.16	-4.1406	64.96	0.0503	33.33	-0.0003	147.67
12	LIV	11.0172	3743.93	93.4542	25216.83	119.6018	2434.69	19.8332	3627.25	0.5186	3598.41
13	ICSA	9823.3398	3396232.24	10015.3734	2099185.96	29817.0139	601960.45	199.0774	38162.19	0.0252	337.34
14	ICSAB	10241.6992	3631931.61	14922.8592	3144040.06	34152.3588	707216.43	497.7033	97809.10	10.1680	73234.72
15	CCV	513.5349	179383.80	4881.8733	1049615.92	5053.4260	103134.30	296.5363	57370.49	9.9988	70893.65
16	CCB	0.0476	140.01	-1.0465	5561.19	0.1123	141.36	-0.0405	16.67	0.0018	157.67
17	IP220610-5MB ...	0.6142	313.35	-2.7123	5154.36	-2.5276	91.62	-0.0779	10.00	0.0025	159.33
18	IM220610-5LCS...	481.2650	161028.64	461.9097	101636.89	1026.0564	20177.78	199.7329	37016.31	9.7720	66363.17
19	2205638-41 10X	8467.1443	3142955.27	2336.1830	509580.83	21196.2490	459443.64	62.3651	12855.63	33.7477	254018.68
20	2205638-41L 50X	1748.1915	619159.49	451.1704	104232.84	4354.3883	90171.90	12.5150	2480.30	6.8887	49596.74
21	2205638-41MS ...	9310.2445	3520090.68	2844.4652	616344.12	21749.1304	480198.88	122.9632	25777.80	42.7133	327443.21
22	2205638-41MSD...	9108.3826	3378170.57	2770.5275	599990.33	21684.9822	469650.61	115.6247	23784.88	42.8710	322387.21
23	2205638-41A 10X	8669.9813	3193991.10	4179.7684	889534.41	22537.9944	484862.39	343.2997	70094.10	42.1006	314482.19
24	2205638-42 10X	7741.7410	3040835.06	3142.1929	712365.72	9387.9915	215435.19	93.2169	20313.24	29.7596	237062.72
25	2205638-43 10X	8230.7418	3237975.58	2724.6588	614470.81	7566.8970	173945.94	100.7838	21992.23	39.5056	315129.52
26	2205638-44 10X	7403.6695	2819119.85	2504.4656	570048.18	9915.6880	220581.83	79.4140	16789.29	26.7610	206684.24
27	CCV	500.7069	193638.45	4875.5920	1156835.53	5114.3130	115542.72	293.4779	62857.77	10.0514	78896.43
28	CCB	0.2085	216.68	-4.6901	5521.18	-2.5852	104.06	-0.1030	6.67	-0.0038	138.67
29	2205638-45 10X	7814.9338	3111123.28	2066.3485	488483.55	10452.2468	243090.37	69.3218	15317.74	26.4288	213401.41
30	2205638-46 10X	7375.3007	2745787.88	2813.2069	618773.17	7107.0896	154611.26	77.3329	15985.13	25.3479	191448.78
31	2205638-47 10X	7862.3983	2789402.56	2199.8707	472648.65	5946.3440	123302.23	78.8473	15521.30	24.9495	179525.63

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2205638-48 10X	7062.9576	2551214.08	2977.8833	637789.05	7772.4446	164063.57	81.4423	16318.68	35.4477	259649.14
33	2205638-49 10X	8606.3392	3173612.98	2595.0037	554488.01	21995.4244	473705.02	88.4092	18094.01	39.2429	293446.19
34	2205638-50 10X	7437.0639	2757176.42	3224.6761	697335.72	8783.2527	190258.71	100.8835	20747.18	34.0681	256125.48
35	2205638-51 10X	7508.8590	2758268.19	2685.0819	575558.84	7490.0689	160762.23	79.7193	16251.99	45.1294	336120.51
36	2205638-52 10X	7002.8868	2504371.78	2378.8058	513047.04	7248.5055	151481.95	82.4651	16358.85	27.3127	198105.58
37	2205638-53 10X	7661.8616	2755890.48	1774.4650	378376.02	5695.4520	119738.09	85.1224	16979.52	25.0117	182461.11
38	2205638-54 10X	7831.4808	2877978.71	3017.5218	643614.12	13495.0635	289685.11	68.2659	13926.50	39.1265	291562.40
39	CCV	502.2984	188834.05	4927.8574	1124795.97	5017.6358	110215.85	299.8620	62436.07	10.0073	76362.19
40	CCB	0.1268	180.01	-4.5425	5297.77	-2.2671	106.95	-0.0485	16.67	-0.0015	149.00
41	2205638-55 10X	10476.1563	3995066.30	2907.9215	650424.91	21848.0352	486571.52	90.7354	19201.90	47.4726	367068.31
42	2205638-56 10X	7155.5038	2699171.11	4189.2759	928002.38	14378.6840	316812.13	122.3718	25610.82	34.3695	262914.65
43	2205638-57 10X	8095.0037	3026904.54	3358.9723	729056.65	8843.1882	193193.29	111.2430	23070.32	39.9143	302629.54
44	2205638-58 10X	8232.8085	3034333.91	3172.0126	689384.55	9491.1770	204360.59	75.2518	15391.25	42.6839	318987.34
45	2205638-59 10X	8146.6148	2945432.87	2831.1827	609477.02	7360.4818	155509.32	84.5013	16956.18	44.3621	325205.83
46	2205638-60 10X	7427.2986	2804519.44	2996.1076	649787.58	17270.5777	380906.59	149.0182	31200.57	32.2787	247193.31
47	2205638-49 100X	886.5561	312295.15	247.2806	59564.59	2265.3944	46722.17	9.1938	1820.19	4.0371	28970.26
48	CCV	506.8603	186482.35	4887.2891	1107422.48	5078.7565	109163.86	300.7034	61274.69	10.1747	75977.01
49	CCB	0.1527	190.01	-3.1630	5594.53	-2.7585	97.12	0.0041	26.67	-0.0026	141.67
50	2205638-41 100X	873.6149	315214.87	215.1656	54363.50	2193.2750	46333.71	6.1708	1260.11	3.4523	25399.10
51	2205638-41L 5...	177.8393	59844.43	40.5845	14520.15	435.5018	8685.23	1.2097	250.01	0.6724	4731.36
52	2205638-41MS ...	974.7246	345989.27	270.2685	64241.85	2272.2253	47223.93	11.8733	2360.27	4.5057	32563.56
53	2205638-41MSD...	1007.0179	346935.96	270.7468	64047.93	2311.8115	46631.47	12.6895	2446.95	4.5271	31756.63
54	2205638-41A 1...	1372.8134	479226.91	2111.0581	449352.53	4151.7475	84731.32	301.0375	58231.05	13.2143	93617.50
55	CCV	508.2407	183108.85	4850.8850	1081821.47	4998.0362	105190.36	291.3246	58133.85	10.1390	74140.03
56	CCB	-0.0585	110.00	-4.2589	5181.04	-0.4858	135.23	-0.0801	10.00	0.0023	166.33
57	IP220610-6MB ...	1.2971	543.37	-3.8425	5067.68	-0.4252	134.33	0.0144	26.67	0.0019	161.33
58	IM220610-6LCS...	483.0829	165779.55	463.7567	103756.93	988.1179	19932.09	193.4742	36782.43	9.7682	68038.54
59	2205638-62 10X	7489.8195	2874294.44	2771.3259	611924.72	20756.9871	465191.52	137.0788	29170.11	35.3979	275473.39
60	2205638-63 10X	7320.8108	2723224.65	3508.8675	765984.13	8630.0325	187568.50	96.9871	20016.38	47.0603	354934.32
61	2205638-64 10X	7334.2457	2714444.44	3260.1258	695064.05	8571.0839	185325.99	94.5857	19418.90	42.7700	320935.44
62	2205638-65 10X	6336.8592	2310594.96	3077.8918	657649.18	8324.5033	177344.96	79.0367	15991.82	40.0271	295935.82

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	2205638-66 10X	6408.3915	2340213.25	3121.9825	668449.21	8272.1897	176509.04	82.3270	16682.46	40.7621	301792.07
64	2205638-67 10X	6326.7023	2325063.25	3082.8258	658090.38	8159.1072	175213.24	79.2303	16158.53	39.9646	297806.62
65	2205638-68 10X	7515.4658	2704526.52	3185.7137	672110.43	8785.9994	184711.86	83.3948	16652.42	43.3580	316349.85
66	2205638-69 10X	7271.7648	2644808.50	3047.6622	646065.03	8495.9230	180549.08	82.6067	16669.07	42.2953	311915.93
67	CCV	506.9688	180470.49	4809.9679	1063060.42	5030.1251	104599.00	292.4003	57648.48	10.0457	72583.18
68	CCB	0.0609	150.01	-3.4807	5317.78	-0.5845	133.89	0.0113	26.67	-0.0016	141.33
69	2205638-70 10X	7160.3680	2698645.59	3105.0070	677355.30	8561.4422	188524.36	78.3702	16392.11	42.0227	321120.93
70	2205638-71 10X	6006.1209	2239896.11	1817.6168	404653.95	12005.3837	261523.89	88.5786	18330.75	21.6208	163572.01
71	2205638-72 10X	6384.6349	2341223.40	1911.2257	416434.68	18867.8649	404017.09	110.1244	22396.16	26.9833	200660.56
72	2205638-73 10X	6489.3985	2382238.24	3347.4896	719293.82	8351.9499	179135.68	86.2992	17576.76	33.7794	251472.07
73	2205638-74 10X	7010.7290	2530400.90	3151.7124	672384.26	8064.6182	170079.28	86.7695	17373.17	41.2881	302148.92
74	2205638-75 10X	9741.6000	3748315.05	3327.4170	718019.34	13769.6180	309479.95	310.1086	66127.09	32.4311	253079.95
75	2205638-76 10X	8210.3754	3020280.48	2957.2433	639399.54	13851.5218	297602.85	130.5407	26629.26	34.5045	257369.95
76	2205638-77 10X	6461.7998	2355782.41	3378.1671	734553.01	10670.9684	227270.79	78.8522	15955.16	38.3981	283862.39
77	2205638-79 10X	7156.0606	2608873.97	3218.8402	685809.86	8837.8214	188236.79	83.6882	16932.57	39.8873	294842.53
78	CCV	501.6921	181700.55	4846.1840	1084584.80	5093.7504	107783.20	297.4108	59651.66	10.1055	74281.66
79	CCB	-0.0367	120.01	-4.4803	5174.35	0.7053	161.90	-0.0638	13.33	-0.0027	136.67
80	2205638-80 10X	7380.5268	2753898.92	2978.0241	657536.11	19445.5623	423764.33	100.3299	20767.29	34.8589	263793.39
81	2205638-80L 50X	1529.2347	535209.26	584.5207	132505.15	4057.4977	83039.68	19.4820	3800.61	7.0940	50466.99
82	2205638-80MS ...	8588.6805	3126047.87	3519.9430	746212.72	20661.7123	439065.95	195.5714	39445.07	45.8059	337971.03
83	2205638-80MSD...	8905.3404	3197707.97	3541.4348	750137.44	20806.9224	436281.40	201.1896	40049.54	47.3554	344750.90
84	2205638-80A 10X	7934.5025	2824371.94	4884.4350	1018145.98	21067.1512	437924.85	386.2525	76207.24	44.1060	318336.49
85	CCV	512.0639	178941.86	4824.2595	1049832.22	5105.5209	104237.84	300.2500	58117.18	10.0880	71551.16
86	CCB	-0.0040	126.67	-4.8286	5010.94	-1.7948	108.75	0.0132	26.67	0.0001	150.33
87	IP220613-1MB ...	0.8954	413.36	-3.0247	5297.73	3.6529	210.28	-0.0048	23.33	0.0030	168.00
88	IM220613-1LCS...	472.9876	163068.73	453.3660	103179.92	994.0869	20139.58	191.3453	36548.28	9.6576	67586.09
89	2205638-81 10X	7260.2674	2762666.73	2591.4690	573632.75	13190.3820	293158.48	110.1614	23250.58	31.0991	239982.54
90	2205638-81L 50X	1509.8868	536060.34	499.7014	114916.13	2687.6485	55842.35	23.7802	4704.25	6.4210	46353.45
91	2205638-81MS ...	8743.5232	3256135.16	3244.4926	691001.76	14472.3571	314808.85	191.3680	39518.68	42.9118	324038.48
92	2205638-81MSD...	8181.1529	3007479.54	3072.4026	657128.00	14174.1259	304334.06	176.5520	35983.81	40.9299	305074.19
93	2205638-81A 10X	7696.6461	2758966.94	4394.8790	926134.05	14971.6802	313467.56	385.1018	76509.35	40.0749	291291.39

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	2205638-82 10X	6035.7299	2245226.64	3214.9107	705061.34	9450.3639	205393.96	74.3346	15347.80	35.2353	265794.70
95	2205638-83 10X	6392.0660	2361979.39	2882.4801	629664.87	8505.5557	183639.16	81.1683	16642.60	34.6711	259802.35
96	2205638-84 10X	6456.0090	2345642.88	2952.6288	625516.41	8501.1720	180458.30	81.4070	16415.51	34.7628	256108.75
97	CCV	500.9269	174993.06	4765.9433	1037870.69	5035.4547	102758.09	294.8636	57050.11	9.9501	70545.29
98	CCB	0.1261	170.01	-3.6845	5221.05	-0.1554	141.27	-0.1177	3.33	-0.0025	134.00
99	2205638-85 10X	6637.6571	2426728.14	2967.9479	639798.83	8741.9674	186742.88	82.8392	16805.87	35.6939	264634.31
100	2205638-86 10X	6247.1723	2265309.03	2805.0788	600381.63	8165.8606	173030.81	77.5679	15611.49	33.2941	244815.42
101	2205638-87 10X	6434.3358	2336344.76	2904.2149	620997.82	8562.1119	181644.10	75.5594	15227.76	35.1064	258472.38
102	2205638-88 10X	5459.2449	1887043.93	2065.6875	431071.74	30917.2667	624014.69	82.7152	15868.38	26.7964	187861.74
103	2205638-88L 50X	1075.6737	363030.19	393.5578	86961.65	6088.7696	120066.50	16.2215	3060.44	5.3182	36514.71
104	2205638-88MS ...	6749.1451	2319699.81	2659.9103	543077.74	33879.4976	679902.17	170.8677	32560.11	38.5846	268905.56
105	2205638-88MSD...	6246.5448	2162009.65	2469.8501	506975.30	30635.2146	619196.83	150.7125	28929.67	35.1857	246986.57
106	2205638-88A 10X	5845.2985	2010122.73	3904.1260	797303.87	32277.4936	648233.92	363.3358	69256.20	35.8926	250296.01
107	CCV	496.8555	170069.23	4774.7169	1003411.16	4945.9694	98897.47	298.0944	56514.71	9.7646	67825.99
108	CCB	0.1624	180.01	-5.4031	4927.64	-0.7428	128.21	-0.0798	10.00	-0.0044	120.67
109	2205638-90 10X	6190.1765	2224688.20	2117.9617	448445.16	21852.1932	458596.31	81.0759	16171.89	25.9389	189073.26
110	2205638-90L 50X	1260.5321	432079.12	409.6382	91334.26	4441.9331	89010.04	16.3197	3123.76	5.3180	37089.62
111	2205638-90MS ...	7543.4883	2648131.11	2670.8363	558802.11	23884.5449	489686.89	143.8063	28004.72	37.2655	265311.82
112	2205638-90MSD...	7999.4350	2827990.06	2809.9503	583147.82	25076.2603	517708.76	166.6143	32663.31	39.7627	285037.82
113	2205638-90A 10X	6371.2031	2195316.27	3865.0091	791730.38	22680.2569	456288.84	362.5841	69235.85	34.3436	239952.92
114	2205638-91 10X	5633.5589	2059368.41	2479.0339	540100.29	7465.0584	159464.56	75.1867	15254.40	29.3749	217781.09
115	2205638-92 10X	7610.1450	2788613.60	2382.5775	518935.42	10533.9092	225489.41	70.1583	14270.12	36.9983	274927.01
116	2205638-93 10X	6557.7375	2403590.28	2574.2287	559765.32	9192.0755	196852.32	58.4132	11888.21	31.0354	230719.29
117	2205638-94 10X	7708.9340	2796843.81	2616.9746	555280.33	10702.0191	226832.46	59.0929	11908.22	37.4637	275597.71
118	2205638-95 10X	7239.2478	2600874.07	2778.7815	592838.42	10479.8303	219966.55	95.4783	19028.59	27.0745	197299.98
119	CCV	494.5608	171848.29	4696.4649	1018858.84	4956.5371	100631.34	295.3906	56849.13	9.9495	70171.36
120	CCB	0.5479	310.02	-5.4307	4920.97	0.6061	157.31	-0.0996	6.67	-0.0044	123.33
121	2205638-96 10X	7542.8364	2742691.10	1871.6790	413155.29	7567.2225	160793.78	74.3047	14997.47	24.1433	178083.95
122	2205638-97 10X	7881.5342	2873933.19	3350.3441	725057.67	12401.7509	264155.85	126.8641	25654.08	32.5057	240366.39
123	2205638-98 10X	8443.1268	3054355.16	2775.9924	598496.98	13716.9156	289837.13	114.9119	23056.79	34.6801	254416.33
124	2205638-99 10X	6719.0822	2401511.79	2808.4417	599054.20	14550.3742	303744.99	53.3171	10583.88	32.0894	232594.90

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
125	2205638-100 10X	8099.1352	2875986.73	2233.0733	472855.96	13649.9607	283128.48	54.0693	10663.90	34.1286	245774.70
126	CCV	484.6077	169603.58	4702.4190	1008539.31	4882.3365	99824.24	290.3790	56273.96	9.6766	68742.50
127	CCB	0.3360	236.68	-6.3439	4707.59	-0.1121	140.82	-0.0992	6.67	-0.0039	124.33
128	IP220613-2MB ...	0.6945	353.36	-4.6847	5014.29	2.5261	191.09	-0.0427	16.67	-0.0017	138.67
129	IM220613-2LCS...	474.1728	161372.08	444.5999	99859.81	981.1213	19621.50	190.2214	35856.82	9.5800	66181.45
130	IM220613-2LCS...	475.1459	161432.75	439.8273	100483.14	1007.2288	20111.39	192.2069	36174.22	9.6626	66633.58
131	2205638-101 10X	6965.5771	2194958.46	3075.9045	573663.61	14054.5765	258674.55	63.4895	11107.58	30.8107	196911.21
132	2205638-102 10X	7617.1562	2508236.32	2508.6078	490701.54	16025.1535	308201.62	66.5064	12155.06	33.8403	225990.05
133	2205638-103 10X	6932.4440	2293140.91	2272.6504	456251.33	10362.4632	200305.09	61.7017	11324.30	27.4503	184187.41
134	2205638-104 10X	7630.3189	2621079.80	1948.6054	405714.88	10048.1696	201649.21	55.7079	10627.21	30.0606	209421.46
135	2205638-105 10X	6983.8441	2391261.21	2546.9509	526857.64	12220.1228	244436.64	85.7560	16292.03	31.0094	215353.66
136	2205638-106 10X	7840.2646	2733089.54	1833.7725	380880.81	12138.6322	247160.62	110.4019	21344.69	26.0786	184386.79
137	2205638-107 10X	7118.9303	2444243.76	2629.7424	546059.72	10022.0907	201020.75	64.5713	12305.08	34.5160	240318.21
138	CCV	491.4026	166351.10	4709.8024	987774.88	4914.0710	97195.79	286.5990	53735.36	9.8238	67500.61
139	CCB	0.3435	223.35	-4.8448	4690.87	1.6203	162.26	-0.0562	13.33	-0.0024	125.00
140	2205638-108 10X	7389.5994	2547349.49	1896.9964	392386.18	9850.9396	198394.11	52.3112	10016.79	26.7679	187154.13
141	2205638-109 10X	6858.1765	2344550.90	2107.7230	438854.55	6831.3519	136497.70	95.5428	18127.41	24.6587	171005.06
142	2205638-110 10X	7654.9878	2627506.37	1910.6927	400713.13	8177.0270	164017.17	79.4817	15137.51	28.1091	195692.14
143	2205638-111 10X	7687.2184	2658168.61	2304.3119	470992.84	12562.2030	253729.95	65.1969	12515.38	33.7031	236333.49
144	2205638-112 10X	6786.8404	2305925.59	1700.3419	351053.60	10958.7615	217512.79	64.9812	12255.20	26.5859	183202.52
145	2205638-113 10X	7593.7612	2650045.07	2911.0338	605459.63	8769.6347	178819.01	60.6581	11751.38	35.9814	254585.39
146	2205638-115 10X	6736.2033	2285727.94	2621.7825	535257.62	6957.7071	137954.37	72.0716	13573.03	46.9309	322839.95
147	2205638-116 10X	7414.9865	2526519.75	3366.9223	684702.70	13054.8807	259803.80	59.8951	11331.05	35.3686	244363.20
148	2205638-117 10X	8026.8170	2778810.79	2570.5740	528541.21	11036.0141	223241.14	64.9384	12482.03	36.0516	253129.47
149	2205638-118 10X	7688.8662	2633995.69	2216.9213	453984.07	13569.8004	271476.62	60.4359	11497.81	39.1998	272293.99
150	CCV	492.4258	165351.14	4646.5169	969197.02	4858.7240	95312.46	288.8158	53715.30	9.7249	66290.21
151	CCB	0.3424	226.68	-6.9963	4404.15	-0.6562	124.25	-0.0377	16.67	-0.0013	134.67
152	2205638-119 10X	8309.3774	2909834.85	2124.9744	443111.98	17107.6816	349919.89	51.4615	10013.47	35.4212	251560.71
153	2205638-120 10X	6903.5073	2395860.95	2611.2803	542055.93	13137.0919	266381.03	67.1134	12932.19	33.5091	235863.22
154	2205638-121 10X	7706.8995	2712604.44	2512.2049	521161.86	10968.0350	225520.70	72.1837	14103.43	32.4270	231455.76
155	CCV	492.3603	163064.12	4667.5808	964268.97	4858.9719	94031.80	293.3050	53798.82	9.6831	65096.86

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
156	CCB	0.4203	250.01	-3.6987	5010.98	-3.2404	78.02	-0.1361	0.00	-0.0013	134.00
157	IP220613-3MB ...	0.7561	353.36	-6.5905	4480.78	1.2405	158.21	-0.0379	16.67	0.0009	148.00
158	IM220613-3LCS...	472.8811	154411.67	439.1411	96950.19	975.0649	18716.95	188.8962	34166.81	9.4237	62460.24
159	IM220613-3LCS...	474.4906	158077.84	441.6543	99581.57	1013.9444	19851.62	195.4089	36064.01	9.6419	65200.57
160	2205638-122 10X	6687.0316	2347022.52	3619.7802	755036.08	14150.2786	290101.32	66.5393	12965.70	33.5267	238650.32
161	2205638-123 10X	7585.1246	2642468.03	3017.3381	622087.30	15393.7497	313185.17	63.5925	12291.83	35.3536	249724.38
162	2205638-124 10X	7164.5010	2475126.99	3107.9140	651981.37	12785.6262	257989.91	80.8972	15507.98	31.7547	222459.39
163	2205638-125 10X	6977.3090	2417421.58	2266.9950	470347.51	13626.8766	275756.92	73.8865	14210.17	30.4516	213971.09
164	2205638-126 10X	7174.4752	2488104.34	2850.9726	593804.38	9440.9011	191271.99	81.8184	15748.27	26.4086	185752.53
165	2205638-128 10X	7525.4378	2614549.96	2138.1683	445360.19	10779.5273	218752.39	87.8294	16926.08	25.5514	180037.83
166	2205638-129 10X	6797.5952	2388222.36	2778.4826	577924.81	9193.7720	188713.54	119.4152	23270.57	33.1151	235938.39
167	CCV	476.2773	161467.06	4677.6612	977801.26	4858.2523	96221.20	289.5167	54354.67	9.5893	65985.53
168	CCB	0.4568	276.68	-7.3107	4557.54	-0.3386	137.85	-0.1179	3.33	-0.0037	126.33
169	2205638-130 10X	7714.0576	2746871.94	2571.9376	545608.69	9161.4947	190600.01	120.8961	23878.28	37.0541	267558.23
170	2205638-131 10X	5451.6542	1913183.36	2716.3443	568297.29	14162.3219	290355.08	70.5201	13742.98	37.2019	264808.30
171	2205638-132 10X	4545.4823	1559584.19	2539.9522	523588.70	16985.8240	340326.78	63.1781	12031.52	38.4251	267312.84
172	2205638-133 10X	4947.9885	1673843.36	2565.4279	527172.28	7233.0968	142985.81	63.3630	11898.21	37.9052	259996.19
173	2205638-134 10X	4200.1002	1417923.16	2671.5959	547061.61	7739.7493	152671.42	64.7595	12134.99	38.8104	265667.80
174	2205638-135 10X	2862.5932	945048.92	2244.8215	462290.43	4195.6777	80998.76	54.7127	10030.18	33.4101	223655.08
175	2205638-136 10X	7010.1010	2382086.79	3201.4484	653425.24	9622.6020	191008.38	108.9931	20547.12	36.8048	253597.44
176	2205638-137 10X	7011.9474	2421796.06	3209.9778	656805.30	9703.6699	195788.92	116.6206	22339.55	37.2895	261162.28
177	2205638-138 10X	7225.5551	2446826.58	3229.5514	659774.24	9911.3033	196068.39	118.7535	22292.75	38.3222	263148.17
178	2205638-139 10X	8042.8029	2770338.40	2768.5841	566861.84	7595.6224	152870.18	145.8210	27847.98	41.7804	291781.44
179	CCV	490.7463	161812.82	4596.9661	957298.21	4936.5697	95098.16	288.4780	52702.41	9.8111	65660.42
180	CCB	0.3902	253.35	-8.0249	4334.12	-2.9356	87.57	-0.0236	20.00	-0.0043	121.33
181	2205638-140 10X	8258.9701	2919921.93	2855.9117	596118.57	7710.0256	159323.08	148.6332	29143.44	42.5250	304858.89
182	2205638-141 10X	8671.1100	3022001.41	2970.5464	611770.16	7882.0068	160516.96	163.8337	31661.42	44.7945	316529.40
183	2205638-142 10X	5521.1053	1887823.25	3090.1778	632599.29	7029.6225	140469.99	69.2306	13135.84	40.2104	278789.80
184	CCV	491.0105	162184.28	4595.4159	961492.95	4949.6799	95506.08	292.6377	53535.09	9.7484	65355.42
185	CCB	0.3547	243.35	-6.0242	4807.59	1.6239	174.25	-0.1361	0.00	-0.0035	127.33
186	RINSE	0.4575	280.02	-6.3464	4724.19	-0.5141	135.32	-0.0453	16.67	0.0065	195.33

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
187	RINSE	0.3249	233.35	-5.8857	4794.23	-1.4907	115.68	-0.0429	16.67	0.0075	199.33

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0080	347.79	0.0085	560.02	0.1128	9930.12	0.0021	68.89	0.0028	56.67
2	RINSE	0.0090	352.23	0.0062	543.35	0.0638	9343.07	0.0025	73.34	0.0027	55.56
3	RINSE	0.0068	332.23	-0.0058	471.13	0.0689	9363.13	0.0029	80.00	0.0049	64.44
4	BLANK	0.0000	268.89	0.0000	466.68	0.0000	8582.60	0.0000	34.45	0.0000	43.33
5	H/1000	0.4987	4561.81	0.2510	2016.82	5.5867	60472.63	0.1046	1609.00	0.5048	2123.51
6	H/100	4.8530	45812.43	2.1022	14400.93	50.2526	517581.40	1.0298	17032.33	5.0250	22598.01
7	H/10	49.1356	474931.56	20.6030	143276.24	504.9990	5269071.38	10.1359	177425.55	50.2657	232366.72
8	HIGH	500.0879	4476653.71	199.9386	1371457.24	4999.4970	48253182.62	99.9861	1686930.97	499.9732	2141287.97
9	RINSE	0.0117	380.01	-0.0023	483.35	0.1029	9760.03	0.0042	101.11	0.0162	113.34
10	ICV	99.1517	932853.75	39.8586	271758.52	964.6345	9790442.56	20.0330	344112.80	97.3309	438039.87
11	ICB	-0.0013	265.56	-0.0076	437.79	-0.0767	8112.36	0.0035	91.11	0.0052	66.67
12	LIV	0.9896	9158.22	0.5362	3851.62	10.4376	109916.94	0.5104	8112.11	2.0228	8726.87
13	ICSA	0.2244	2336.87	0.7245	5306.49	24139.8882	2.37665E+08	0.0530	907.82	0.0402	222.23
14	ICSAB	50.0592	460179.51	21.1981	144182.36	24526.1292	2.42928E+08	10.1117	170334.59	49.9613	219660.98
15	CCV	48.7533	455560.80	20.6278	138125.23	500.0414	5043698.67	10.2449	171253.10	49.9986	223459.69
16	CCB	-0.0033	241.12	-0.0156	378.90	0.2784	11172.48	0.0015	56.67	0.0049	63.33
17	IP220610-5MB ...	0.0153	394.46	0.0300	643.36	0.4356	12425.26	0.0031	78.89	0.0093	80.00
18	IM220610-5LCS...	48.4202	437945.29	9.9511	64079.66	480.4069	4690505.66	10.1548	162717.38	48.8799	211437.62
19	2205638-41 10X	13.3021	125499.29	3578.7524	25385302.88	28113.5335	2.85274E+08	10.0327	183174.38	38.8201	174861.98
20	2205638-41L 50X	2.6229	25155.96	753.1480	5096931.47	5516.1314	56368365.83	2.1061	36071.94	7.7943	35390.51
21	2205638-41MS ...	62.8268	589043.97	3457.7106	24982654.56	28484.7115	2.87777E+08	19.0363	350003.46	85.2911	382454.28
22	2205638-41MSD...	62.1828	582509.84	3483.7269	24689985.69	27558.1313	2.78180E+08	18.9151	347724.14	84.7692	379787.46
23	2205638-41A 10X	61.7086	570049.63	3472.0779	24443530.70	28098.2271	2.79699E+08	19.1298	345214.95	87.5186	386660.32
24	2205638-42 10X	13.0658	128530.66	651.7056	4891933.14	24456.1163	2.58748E+08	6.5350	125885.10	16.3278	76713.66
25	2205638-43 10X	14.5932	142565.24	1048.6765	7884061.63	35603.5881	3.74168E+08	9.6593	186535.61	25.2581	117853.59
26	2205638-44 10X	11.2499	110884.32	608.0538	4425028.02	20478.8529	2.17008E+08	8.1466	152989.20	18.8799	88835.12
27	CCV	48.7329	502508.77	20.6806	153312.15	497.9677	5542362.84	10.1815	188950.93	50.0630	246855.03
28	CCB	-0.0044	263.34	0.0647	980.05	0.3658	13646.32	0.0018	72.22	0.0013	55.55
29	2205638-45 10X	10.7502	109796.18	585.3869	4453885.79	20590.9002	2.26063E+08	7.8257	153344.20	45.1052	219818.06
30	2205638-46 10X	11.6043	110677.48	418.3529	2978029.05	18284.6892	1.87553E+08	6.3434	115383.07	14.8186	67499.65
31	2205638-47 10X	11.2911	104883.60	395.3658	2680583.78	17878.8932	1.78560E+08	6.3450	111111.76	29.9161	132643.66

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2205638-48 10X	11.3467	105432.79	1584.6412	10938217.06	25518.2493	2.54932E+08	7.6838	137127.37	19.9129	88338.53
33	2205638-49 10X	12.0983	111972.98	3439.7387	24241609.04	30265.2308	3.01214E+08	12.0919	220684.60	35.4147	156460.78
34	2205638-50 10X	13.4698	126406.62	850.6381	6026756.29	28420.4419	2.86871E+08	7.0042	126983.94	16.1926	72588.23
35	2205638-51 10X	13.9180	129224.12	1226.2597	8608238.55	41247.1821	4.11943E+08	8.5883	156104.08	20.5181	90981.49
36	2205638-52 10X	12.0567	112519.74	495.8643	3389179.87	18108.7845	1.81734E+08	5.9039	105084.35	11.7245	52259.53
37	2205638-53 10X	9.8241	90321.59	368.6546	2534250.38	16789.9847	1.65896E+08	5.4279	95162.18	30.3529	133139.60
38	2205638-54 10X	11.8899	110026.53	763.1059	5359573.12	41843.6345	4.16348E+08	6.7592	122179.07	21.1792	93569.20
39	CCV	49.0573	486682.52	20.4345	147267.02	501.6184	5371072.21	10.2097	182505.36	50.5997	240074.85
40	CCB	-0.0055	241.12	0.0651	942.27	0.5699	15060.86	0.0010	53.33	0.0024	57.78
41	2205638-55 10X	13.4162	130104.02	1807.4356	13172033.09	40136.2889	4.18637E+08	7.6830	147231.76	34.0135	157502.15
42	2205638-56 10X	15.7787	151959.57	879.1354	6338069.47	25767.1497	2.66998E+08	6.1137	114579.18	15.3248	70522.07
43	2205638-57 10X	14.7513	138974.13	965.9023	6902271.95	31626.3292	3.20540E+08	7.6659	143808.79	25.1786	113295.31
44	2205638-58 10X	13.1951	124439.64	1030.7976	7260839.16	33664.0940	3.41456E+08	7.5226	137579.61	20.1160	90599.36
45	2205638-59 10X	13.1601	122797.67	1348.3161	9316384.91	37922.9880	3.80608E+08	9.8391	177051.82	35.6253	158715.53
46	2205638-60 10X	13.0649	122890.63	1009.1830	7282983.88	26853.3840	2.71658E+08	6.1824	115568.31	14.8501	66721.65
47	2205638-49 100X	1.2028	11612.03	369.8082	2488930.80	2933.1545	29765082.89	1.2888	21921.50	3.5173	15891.22
48	CCV	49.0994	483502.90	20.8764	147217.25	500.7673	5322627.63	10.0577	179724.76	50.3525	237136.12
49	CCB	-0.0040	255.56	0.0618	925.60	0.5657	15027.42	0.0020	70.00	0.0076	81.12
50	2205638-41 100X	1.2984	12912.98	385.1803	2655164.55	2770.4855	29020872.90	1.0582	18449.41	3.8765	18066.80
51	2205638-41L 5...	0.2590	2632.47	75.3425	483954.22	560.6714	5488489.29	0.2185	3554.88	0.7626	3353.73
52	2205638-41MS ...	6.3115	59405.99	380.7573	2582231.98	2823.7999	28522811.24	2.0758	35307.00	8.6795	38944.09
53	2205638-41MSD...	6.1347	57498.73	386.5858	2544652.68	2800.5976	28164832.91	2.0701	34778.17	8.5511	38199.06
54	2205638-41A 1...	49.7076	456237.59	401.1157	2675501.00	3309.3861	32732564.51	11.1729	186061.51	54.1091	237511.22
55	CCV	48.5121	470199.89	20.6927	142897.85	500.4728	5235632.84	10.1018	175356.15	49.6350	230080.02
56	CCB	-0.0009	274.45	0.0523	814.48	0.2998	11934.76	0.0015	61.11	0.0021	54.45
57	IP220610-6MB ...	0.0381	603.36	0.0912	1041.16	0.8766	16882.72	0.0015	57.78	0.0082	77.78
58	IM220610-6LCS...	48.6084	447260.64	10.0881	66616.51	487.0234	4836875.03	10.1658	167071.19	48.7966	214732.20
59	2205638-62 10X	15.2553	145939.09	1258.0889	9226810.74	34038.6486	3.50318E+08	6.5223	125969.41	17.7699	81210.67
60	2205638-63 10X	14.7851	140149.65	1290.2043	9172126.02	36504.1123	3.72258E+08	7.8679	145104.75	15.8189	71642.32
61	2205638-64 10X	12.0587	111610.40	1495.4279	10575597.08	44590.5807	4.43815E+08	7.1853	132885.55	34.4258	152107.19
62	2205638-65 10X	10.9002	101086.76	958.7664	6680798.63	34785.3170	3.46781E+08	6.1392	111978.27	15.2488	67512.65

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	2205638-66 10X	11.1852	103956.19	953.8386	6656315.15	35843.6976	3.58137E+08	6.2557	114074.65	13.8042	61260.65
64	2205638-67 10X	11.7763	109087.13	936.7422	6579461.68	36016.7176	3.58756E+08	6.3124	115294.49	13.8448	61243.94
65	2205638-68 10X	11.8099	108167.53	1078.4647	7416461.37	43945.7778	4.32784E+08	6.8296	123984.01	45.2267	197704.50
66	2205638-69 10X	11.5713	106441.95	1040.0794	7229815.55	42445.2821	4.19773E+08	6.6296	120048.15	46.8007	205464.41
67	CCV	48.5478	466262.83	20.7497	141596.51	495.7611	5139498.36	10.1682	175504.17	49.8676	229052.50
68	CCB	-0.0009	273.34	0.0648	895.60	0.7447	16181.94	0.0012	54.44	0.0004	46.67
69	2205638-70 10X	11.4664	108555.73	1053.7150	7589273.87	43475.7281	4.42522E+08	6.6639	125507.73	48.5695	219454.02
70	2205638-71 10X	9.2992	89319.82	508.2132	3622118.75	15845.6609	1.63531E+08	4.7206	86546.31	15.9738	73208.16
71	2205638-72 10X	11.3869	107065.96	627.3866	4396776.08	20212.9974	2.04325E+08	5.2169	95570.19	28.7990	129255.13
72	2205638-73 10X	12.0312	112258.61	712.8425	5001241.33	27920.9004	2.80142E+08	5.7358	104108.02	13.1745	58707.97
73	2205638-74 10X	12.3239	114105.84	880.0182	6069667.95	39798.9062	3.96245E+08	6.3567	114538.84	30.6719	135562.53
74	2205638-75 10X	14.8461	139041.84	808.0347	5941862.96	30317.3454	3.05455E+08	5.1034	101479.52	28.5164	127552.61
75	2205638-76 10X	13.8403	129749.78	712.0335	5005447.86	27209.8423	2.74392E+08	6.4284	120222.92	34.3057	153569.17
76	2205638-77 10X	12.2041	115237.87	735.3560	5123527.16	28657.6748	2.90993E+08	7.0603	127304.59	17.3236	78110.48
77	2205638-79 10X	12.1785	112641.38	885.1590	6167148.78	36534.9622	3.63384E+08	7.8116	139304.50	71.6018	316077.04
78	CCV	48.7072	473731.53	20.6498	143356.63	496.8976	5216533.36	10.1254	176472.45	49.9890	232520.26
79	CCB	-0.0083	210.00	0.0588	874.48	0.7598	16532.33	0.0016	63.33	0.0071	76.67
80	2205638-80 10X	15.7834	151086.72	682.1819	4865232.44	28578.8733	2.94348E+08	6.7253	124921.16	19.0738	87231.16
81	2205638-80L 50X	3.1324	29835.11	142.7254	954860.59	5631.3447	57265007.48	1.4216	24451.74	3.8089	17235.91
82	2205638-80MS ...	65.7123	603874.18	694.4510	4829652.17	28986.7815	2.87044E+08	15.8155	284197.98	68.2415	299946.32
83	2205638-80MSD...	66.2715	608633.26	710.5663	4875912.72	29452.5672	2.91496E+08	15.9083	285924.21	67.8584	298104.85
84	2205638-80A 10X	64.2317	581773.33	700.7109	4767035.51	28973.7757	2.82798E+08	15.9872	282192.72	68.1836	295377.98
85	CCV	48.3633	457374.96	20.8186	139441.16	497.0544	5073699.40	9.9909	170336.59	49.5108	223924.47
86	CCB	-0.0085	204.45	0.0382	718.91	0.6964	15624.85	0.0011	52.22	-0.0020	36.67
87	IP220613-1MB ...	0.0188	441.12	0.0500	787.81	0.7910	16288.68	0.0014	56.67	0.0003	45.55
88	IM220613-1LCS...	47.6019	444770.17	9.8476	65345.97	475.1689	4792827.95	10.0434	163711.55	47.9905	214434.37
89	2205638-81 10X	13.4828	129232.83	790.7965	5750618.80	29083.4790	2.99829E+08	7.0783	133899.17	23.1613	106015.62
90	2205638-81L 50X	2.6764	25696.86	166.2932	1128494.85	5749.5767	58836387.46	1.5322	26344.65	4.5862	20870.10
91	2205638-81MS ...	64.8628	598453.59	805.1664	5731204.91	30625.7288	3.04487E+08	16.4604	303059.74	77.0438	339983.28
92	2205638-81MSD...	62.3159	577097.79	779.0703	5473233.81	28861.9215	2.88016E+08	15.9822	293539.86	71.7382	317755.86
93	2205638-81A 10X	61.1828	559848.05	804.2604	5510008.25	28836.6780	2.84342E+08	16.2053	289632.61	71.4899	312890.36

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	2205638-82 10X	10.8128	102970.30	751.7201	5344401.87	28714.7223	2.93949E+08	6.5549	119555.30	17.5557	79801.58
95	2205638-83 10X	11.2625	106700.38	763.4116	5391165.48	33450.3062	3.40724E+08	6.8017	124556.41	28.2192	127600.89
96	2205638-84 10X	11.2433	103349.17	772.6990	5365392.15	33972.7385	3.35708E+08	7.0047	125251.61	24.3769	106946.74
97	CCV	47.7492	451836.51	20.3311	136137.80	490.6025	5011084.20	9.9056	167900.11	48.7876	220790.18
98	CCB	-0.0078	210.00	0.0344	700.02	0.6849	15457.98	0.0029	80.00	0.0049	65.55
99	2205638-85 10X	11.5278	107804.23	766.4012	5355235.48	34446.7186	3.46349E+08	7.0501	127032.12	27.4833	122682.37
100	2205638-86 10X	11.0483	102533.54	722.1256	5003875.91	32207.3333	3.21352E+08	6.6169	118616.34	26.5177	117461.04
101	2205638-87 10X	11.4753	106415.15	768.1024	5329788.54	33554.6669	3.34573E+08	6.8432	122582.95	27.1717	120282.67
102	2205638-88 10X	11.8309	106641.83	625.8601	4134428.86	20429.4403	1.98013E+08	5.3077	90557.66	18.8500	81124.47
103	2205638-88L 50X	2.2833	20794.38	125.3509	808584.18	4036.5527	39104457.75	1.0965	17844.29	3.7248	16056.90
104	2205638-88MS ...	63.6505	561853.75	652.9740	4289156.63	21956.5823	2.08851E+08	14.7801	252220.04	70.1011	295953.04
105	2205638-88MSD...	55.7127	494061.40	586.6676	3881698.87	20141.1256	1.92455E+08	13.3085	227188.98	62.9102	266813.99
106	2205638-88A 10X	58.9077	521982.25	637.1093	4187256.36	20698.1502	1.97628E+08	14.4698	245305.02	66.5391	281984.69
107	CCV	48.0001	438318.85	20.2205	132663.46	493.3185	4862435.97	10.0042	163613.21	48.9908	213963.69
108	CCB	-0.0062	226.67	0.0232	625.58	0.6545	15334.51	0.0026	76.67	0.0024	55.56
109	2205638-90 10X	11.5777	105936.52	630.2514	4328457.33	23227.4802	2.28498E+08	5.7978	101820.70	25.5601	111640.69
110	2205638-90L 50X	2.3095	21277.21	129.7456	850157.85	4615.7826	45238249.33	1.2256	20381.75	5.0727	22106.16
111	2205638-90MS ...	57.4328	519594.56	658.4503	4418092.46	24136.2069	2.35290E+08	14.5874	254782.33	71.5134	309422.59
112	2205638-90MSD...	61.8495	555312.93	695.5194	4698831.34	26396.7648	2.55382E+08	15.7916	275087.18	76.7387	329530.61
113	2205638-90A 10X	58.5371	520241.19	623.1761	4103662.75	22345.8460	2.13987E+08	14.9405	254419.71	72.4275	307848.18
114	2205638-91 10X	10.0241	94596.54	561.1780	3920476.93	21387.4518	2.16916E+08	5.5884	100531.58	14.2740	64294.46
115	2205638-92 10X	12.2528	115479.10	1369.0381	9586890.45	27913.6912	2.82909E+08	8.6508	157531.44	26.8080	120619.12
116	2205638-93 10X	10.8386	102125.19	673.3298	4717250.51	24504.3682	2.48195E+08	7.9183	143153.53	20.1955	90834.92
117	2205638-94 10X	13.3263	122460.53	914.2339	6338445.86	32953.0503	3.25702E+08	9.5402	172440.27	40.9017	179447.24
118	2205638-95 10X	12.9350	119598.48	530.9118	3645398.60	19654.0373	1.95446E+08	6.5265	115132.03	16.7759	74078.44
119	CCV	47.4395	447183.09	20.3615	135625.76	487.6292	4961591.49	9.9803	167637.56	48.4957	218629.07
120	CCB	-0.0082	207.78	0.0247	647.80	0.8293	17019.42	0.0028	81.11	0.0018	53.33
121	2205638-96 10X	8.8610	84445.46	491.0261	3412505.42	19410.7337	1.98717E+08	7.0989	128013.85	23.7529	107961.76
122	2205638-97 10X	12.9457	121641.15	566.3391	3946795.82	22563.6719	2.28020E+08	6.0345	109176.54	18.5724	83340.22
123	2205638-98 10X	11.1242	103984.78	621.2072	4294957.61	24709.6338	2.48314E+08	6.5039	117143.27	34.8172	155337.86
124	2205638-99 10X	12.6999	117426.18	683.5953	4669468.98	23568.8647	2.34361E+08	7.9567	140214.83	19.6447	86737.22

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
125	2205638-100 10X	13.9390	127577.67	717.3952	4868834.53	28248.9241	2.78122E+08	9.8897	174871.14	33.5965	146829.51
126	CCV	47.4799	442467.74	19.9089	133567.01	484.7168	4876033.26	9.7598	163568.02	48.2940	215241.77
127	CCB	-0.0097	193.34	0.0224	622.24	0.7950	16595.80	0.0022	70.00	0.0004	46.67
128	IP220613-2MB ...	0.0213	466.68	0.0372	715.58	4.5018	51933.48	0.0018	64.45	-0.0001	44.44
129	IM220613-2LCS...	47.6398	438822.49	10.3820	67961.74	473.0967	4704300.14	9.8170	161113.00	47.6608	209956.39
130	IM220613-2LCS...	47.0943	440948.70	9.9718	65200.68	469.8100	4748584.93	9.9930	165134.92	47.5554	212958.08
131	2205638-101 10X	12.2146	98802.18	756.0643	4553615.79	24510.3445	2.13239E+08	7.5782	116749.02	17.8760	69061.54
132	2205638-102 10X	13.4240	113658.78	798.3418	5024289.38	27029.3368	2.46170E+08	7.8980	129422.86	29.1281	117773.54
133	2205638-103 10X	12.6442	109764.81	515.1859	3257604.87	20129.1477	1.87925E+08	6.5702	109156.01	17.6672	73241.35
134	2205638-104 10X	14.0607	126288.19	697.8622	4581419.26	25267.3684	2.44128E+08	9.1386	154050.30	37.6370	161424.08
135	2205638-105 10X	10.5661	94687.46	682.7903	4468758.29	23366.0539	2.25083E+08	6.5523	110737.01	15.0135	64228.63
136	2205638-106 10X	11.3109	101307.04	641.2657	4272299.83	22107.1885	2.12882E+08	5.9175	102480.68	36.6616	156716.35
137	2205638-107 10X	14.1303	127062.41	686.2623	4503280.93	26882.6118	2.60038E+08	7.9041	136408.87	21.8813	93978.88
138	CCV	47.3196	431192.20	20.0766	130297.74	486.7520	4787674.30	9.8419	160144.76	48.5434	211546.35
139	CCB	-0.0033	234.45	0.0208	572.24	0.7170	14817.31	0.0019	60.00	0.0014	47.78
140	2205638-108 10X	11.2591	100484.55	591.5705	3897247.07	24663.2986	2.36643E+08	8.4153	143363.94	42.8711	182594.50
141	2205638-109 10X	8.6815	78173.76	474.8094	3102709.32	16483.5682	1.59448E+08	6.0032	101681.89	13.9588	59971.43
142	2205638-110 10X	9.7345	88130.22	695.9210	4565252.32	22657.8378	2.20443E+08	7.4066	127308.51	34.3464	148342.99
143	2205638-111 10X	23.5984	208364.18	920.6217	6083826.84	28269.2781	2.68745E+08	8.0592	137368.72	44.8241	189155.84
144	2205638-112 10X	13.9780	124230.44	710.2668	4611880.51	21921.9182	2.09580E+08	6.5771	110384.52	23.4161	99393.09
145	2205638-113 10X	13.1112	118274.82	918.3303	6123632.67	31406.7947	3.04713E+08	8.2591	141276.53	22.4707	96801.42
146	2205638-115 10X	12.0119	106238.73	1055.7481	6845396.81	45224.4110	4.30097E+08	7.9669	134989.98	25.5582	107916.94
147	2205638-116 10X	14.3820	126958.37	808.8189	5266990.21	27519.8395	2.61340E+08	8.6999	146347.09	18.4573	77831.11
148	2205638-117 10X	12.4609	110950.37	850.0454	5625175.89	29197.5838	2.79579E+08	9.3945	161493.70	22.7339	96652.38
149	2205638-118 10X	12.9301	114453.58	835.4280	5468912.97	30887.2376	2.94051E+08	10.7566	181179.91	23.3180	98558.07
150	CCV	46.8114	424219.81	20.1590	129764.40	485.3609	4747975.24	9.9004	158991.93	47.9961	208017.24
151	CCB	-0.0072	207.78	0.0301	637.80	0.9534	17443.31	0.0028	75.56	-0.0006	41.11
152	2205638-119 10X	12.8873	116098.88	1005.9488	6732377.51	31110.8132	3.01420E+08	10.8640	187012.26	27.1647	116844.57
153	2205638-120 10X	13.0231	117082.28	781.1342	5182206.04	24233.8271	2.34325E+08	7.7921	134323.69	17.4668	74998.15
154	2205638-121 10X	12.7285	114318.81	812.6213	5465683.12	26857.1692	2.59413E+08	7.9187	136626.54	26.7102	114540.96
155	CCV	46.9828	421710.48	20.1996	128246.95	487.8535	4726666.39	9.7001	156344.71	48.0418	206227.47

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
156	CCB	-0.0078	201.12	0.0268	615.58	0.7990	15881.64	0.0010	48.89	-0.0005	41.11
157	IP220613-3MB ...	0.0059	320.01	0.0528	770.03	2.0247	27353.73	0.0029	76.67	0.0038	58.89
158	IM220613-3LCS...	45.9105	415370.35	9.7831	61485.38	458.0644	4473800.77	9.7301	153126.14	46.4486	200971.43
159	IM220613-3LCS...	46.7634	432222.37	10.0387	64360.73	463.5701	4625515.97	9.9394	160894.00	47.4573	209772.90
160	2205638-122 10X	11.4617	103899.76	831.2004	5575887.00	25783.8876	2.51298E+08	7.6272	131755.46	18.5477	80268.52
161	2205638-123 10X	11.8049	105594.66	963.0335	6411251.28	30069.4800	2.89209E+08	8.3612	145258.88	24.9379	106491.39
162	2205638-124 10X	13.4115	122066.44	743.7060	4910120.78	23429.3781	2.29347E+08	6.8388	118671.89	16.0209	69645.77
163	2205638-125 10X	10.8146	97059.69	849.2340	5623400.19	24859.9593	2.39849E+08	6.6010	113999.48	21.3077	91277.24
164	2205638-126 10X	11.0398	99723.20	519.0805	3440418.34	19983.4220	1.94055E+08	6.7119	115136.71	12.9857	56010.84
165	2205638-128 10X	10.2318	92136.07	635.6087	4219879.97	21472.0440	2.07809E+08	6.1224	106019.72	15.9948	68743.24
166	2205638-129 10X	13.0890	117985.76	752.1770	5050525.77	23262.2012	2.25543E+08	5.9688	105501.22	14.7578	63546.79
167	CCV	46.8781	425747.29	20.0057	130018.12	487.5908	4779784.31	9.8760	159751.25	48.0427	208664.91
168	CCB	-0.0075	215.56	0.0335	694.47	0.7322	16158.54	0.0016	62.22	0.0020	54.44
169	2205638-130 10X	13.5282	124263.80	879.3710	5984321.29	25554.5078	2.52490E+08	6.6088	117920.93	18.9003	82916.99
170	2205638-131 10X	28.4802	257840.23	599.6331	4022595.12	38781.6203	3.78119E+08	6.5688	113329.47	20.6654	89463.02
171	2205638-132 10X	28.2445	251760.70	578.6676	3794407.76	41324.6863	3.96677E+08	6.0656	103063.86	20.0190	85325.77
172	2205638-133 10X	10.8372	96476.61	656.2897	4242692.33	36693.9064	3.51152E+08	6.5681	110068.58	12.5403	53304.12
173	2205638-134 10X	19.4785	172659.87	568.8132	3669891.24	43027.3841	4.10509E+08	5.6699	94651.07	16.1880	68586.95
174	2205638-135 10X	5.1599	46103.30	444.2964	2803192.32	28869.9121	2.76423E+08	3.9094	64337.78	6.6612	28350.20
175	2205638-136 10X	12.7265	112732.60	1068.0846	6935518.06	29661.4035	2.82565E+08	6.7800	115484.87	16.0644	67962.10
176	2205638-137 10X	12.8044	113723.28	1051.4883	6940427.92	30151.5881	2.87993E+08	6.7669	116311.41	14.9766	63525.80
177	2205638-138 10X	12.9012	114402.17	1107.6266	7168620.55	30948.1738	2.95142E+08	7.1340	122850.90	15.7400	66660.43
178	2205638-139 10X	12.9684	115072.79	1065.7535	7014510.56	28209.3623	2.69208E+08	6.8802	119984.15	24.2727	102844.16
179	CCV	46.1860	417849.45	20.3366	128541.33	478.7102	4674894.51	9.6847	155568.05	47.1728	204100.75
180	CCB	-0.0086	202.23	0.0561	827.81	1.0907	19302.27	0.0011	53.33	-0.0022	35.56
181	2205638-140 10X	13.3999	121247.50	1081.7102	7309017.21	28888.1089	2.81147E+08	6.9338	122595.01	23.6205	102061.73
182	2205638-141 10X	14.1393	126254.40	1138.5618	7582873.59	29990.9533	2.88082E+08	7.2946	128035.43	22.2761	95003.99
183	2205638-142 10X	16.6918	148163.64	745.5479	4871792.31	37076.0532	3.54129E+08	7.2390	122106.55	16.2880	69086.72
184	CCV	46.1924	419873.45	20.3541	128868.84	476.5581	4675804.83	9.7707	157175.25	47.3318	205748.70
185	CCB	-0.0090	201.11	0.0520	810.04	0.9053	17783.69	0.0005	44.45	0.0042	63.34
186	RINSE	0.0012	292.23	0.0690	925.60	1.2011	20577.12	0.0029	81.11	0.0011	50.00

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
187	RINSE	-0.0030	253.34	0.0660	893.37	1.1573	20063.01	0.0025	74.45	0.0027	56.67

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0074	802.26	0.0839	860.06	-0.0032	8.33	-0.0087	0.93	0.0005	90.00
2	RINSE	0.0075	793.37	0.0564	803.39	-0.0032	8.33	-0.0077	1.07	0.0016	96.67
3	RINSE	0.0023	738.92	0.0840	853.40	-0.0018	9.67	-0.0058	1.33	-0.0040	60.00
4	BLANK	0.0000	703.36	0.0000	656.71	0.0000	10.33	0.0000	2.13	0.0000	83.34
5	H/1000	1.0696	11429.69	2.3676	5964.69	0.0836	82.33	0.0891	14.80	0.1116	796.73
6	H/100	10.3696	114004.16	20.6393	51238.32	1.0051	941.70	0.9692	152.67	1.0071	7145.26
7	H/10	104.3933	1174749.40	205.2315	519514.11	10.5348	10239.57	10.4115	1665.15	9.8371	73181.76
8	HIGH	999.5569	10416845.14	1999.4701	4510067.33	99.9465	96053.27	99.9592	14796.70	100.0162	716155.72
9	RINSE	0.0386	1116.72	0.1861	1083.42	0.0022	13.00	-0.0009	2.00	0.0074	136.68
10	ICV	217.0023	2376863.65	395.1911	985561.84	20.2119	19287.41	20.8207	3240.19	19.5957	142916.23
11	ICB	0.0104	832.26	-0.0436	583.37	-0.0012	9.67	-0.0060	1.33	-0.0036	63.34
12	LIV	2.1370	23050.85	9.9455	24042.11	0.2331	215.50	1.0483	157.73	0.4952	3413.84
13	ICSA	0.0239	1004.49	0.1406	1030.08	0.0056	16.67	0.0353	7.60	0.2959	2150.25
14	ICSAB	102.1492	1093239.85	196.4747	471001.49	10.4873	9972.40	10.0121	1523.14	10.4758	74972.74
15	CCV	103.9814	1131128.57	202.6345	501036.32	10.4157	9749.28	10.4588	1617.68	10.3121	73224.79
16	CCB	0.0001	705.58	-0.0986	440.03	-0.0045	6.67	-0.0085	0.93	-0.0017	73.34
17	IP220610-5MB ...	0.0093	784.48	-0.1274	373.36	-0.0036	7.33	-0.0093	0.80	-0.0030	63.34
18	IM220610-5LCS...	106.3680	1120031.69	197.2371	467136.51	9.7202	8714.02	9.8515	1474.60	9.8232	66867.41
19	2205638-41 10X	50.5027	554096.91	4917.1568	12140941.49	53.9966	53688.95	2.6994	422.41	116.6066	903402.36
20	2205638-41L 50X	10.0853	112050.77	1028.6343	2567468.71	11.2605	10689.87	0.5414	87.20	24.6159	178802.80
21	2205638-41MS ...	156.6571	1709897.43	4985.7486	12359462.74	61.6872	62475.02	11.9285	1850.78	123.1802	961085.61
22	2205638-41MSD...	153.9777	1679241.91	4894.0653	12139792.32	62.0352	61629.82	11.7457	1820.64	123.1278	960533.40
23	2205638-41A 10X	154.0419	1656341.64	4952.3821	12086397.32	62.6452	61822.55	12.7775	1953.32	123.2542	943937.98
24	2205638-42 10X	36.0354	412483.38	367.5927	948174.88	36.6867	38608.89	2.4682	402.94	96.9192	792108.92
25	2205638-43 10X	44.2653	503120.92	405.7447	1042017.74	70.5601	74354.36	3.5488	574.28	79.7297	653321.01
26	2205638-44 10X	32.0757	367828.15	293.8591	758283.40	21.9747	22424.75	1.9525	319.73	88.9304	708692.80
27	CCV	104.5632	1255153.67	211.1159	554757.06	10.4806	10860.98	10.2186	1743.43	10.0593	79306.82
28	CCB	-0.0027	772.25	0.2363	1346.79	-0.0065	5.67	-0.0052	1.60	-0.0001	96.67
29	2205638-45 10X	29.2335	347395.50	207.7699	540592.33	19.1264	20406.80	2.0426	346.53	95.4268	793468.06
30	2205638-46 10X	30.0151	333166.08	233.8823	584838.48	21.8028	21755.87	1.7250	273.73	101.9695	786942.57
31	2205638-47 10X	25.5438	276228.14	161.4696	390643.00	17.4234	16564.44	1.6505	255.07	100.5825	747281.99

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2205638-48 10X	42.9365	463937.12	1913.4837	4627110.56	55.7217	53919.77	2.3741	366.14	92.6601	701657.15
33	2205638-49 10X	57.4044	617662.63	3778.8053	9141352.57	61.5635	60811.77	2.6800	411.48	121.3544	939885.90
34	2205638-50 10X	47.1556	514714.69	501.6213	1242012.19	53.7332	53361.61	2.5946	404.01	77.4449	595730.59
35	2205638-51 10X	54.5602	589124.52	529.6716	1301524.02	111.8564	110053.41	3.3413	514.01	72.4661	558950.75
36	2205638-52 10X	25.5102	277181.77	207.4523	512584.76	25.6357	24566.82	1.6441	255.33	89.7902	678044.68
37	2205638-53 10X	18.1760	194669.76	114.3776	280241.74	15.1422	14599.23	1.6310	249.47	105.0787	781535.51
38	2205638-54 10X	116.2619	1249908.73	817.0754	2008087.16	78.5452	77318.19	2.7498	422.01	122.2537	937498.32
39	CCV	105.1006	1213870.16	210.5489	539599.37	10.4584	10533.76	10.3580	1700.22	9.9369	75461.41
40	CCB	0.0037	805.59	0.0312	776.72	-0.0001	11.33	-0.0064	1.33	0.0032	113.34
41	2205638-55 10X	85.6540	965530.66	1430.5317	3649422.13	94.4807	96509.93	2.8851	464.01	129.9412	1056490.79
42	2205638-56 10X	47.2949	529968.42	581.6842	1479584.09	48.3018	48813.34	2.6596	425.08	90.8456	722349.52
43	2205638-57 10X	41.0350	449869.38	464.0028	1146196.57	67.7424	67852.04	3.1768	496.28	72.3378	575810.32
44	2205638-58 10X	73.1925	802415.51	1156.1846	2855873.92	78.8304	77828.49	2.7688	433.08	124.3724	965053.24
45	2205638-59 10X	82.2796	892375.00	939.8421	2316965.69	97.4606	94380.51	2.6858	415.61	135.0758	1031446.34
46	2205638-60 10X	41.5191	454314.93	702.7111	1734231.17	53.4573	54079.66	2.6619	415.34	73.5503	583349.31
47	2205638-49 100X	5.6507	62681.71	386.2920	950897.23	6.2921	5945.44	0.2605	42.93	12.7646	92075.33
48	CCV	104.5906	1199066.90	209.6060	530943.45	10.6543	10502.74	10.2481	1669.95	9.8840	75033.48
49	CCB	-0.0037	725.58	0.0435	806.72	-0.0030	8.67	-0.0064	1.33	0.0021	106.67
50	2205638-41 100X	5.0179	57538.69	514.1335	1286347.97	5.5575	5379.91	0.2539	43.20	12.1089	89487.63
51	2205638-41L 5...	0.9919	11212.87	100.9500	238125.35	1.1965	1087.04	0.0294	6.67	2.4459	16809.49
52	2205638-41MS ...	15.4739	169499.80	537.4956	1305048.06	6.4333	6125.17	1.2497	195.87	13.5272	97624.71
53	2205638-41MSD...	15.5016	169041.18	533.5068	1287085.94	6.7251	6214.88	1.2688	198.00	12.9858	92571.23
54	2205638-41A 1...	108.1607	1155708.32	731.9441	1740659.30	15.9540	14923.19	10.8886	1653.69	22.0356	155780.97
55	CCV	103.4786	1167653.50	210.6069	523265.63	10.7341	10362.32	10.3120	1654.09	9.8432	72592.25
56	CCB	-0.0057	680.03	0.0075	713.38	-0.0037	7.67	-0.0106	0.67	-0.0053	53.33
57	IP220610-6MB ...	0.0031	744.47	0.0287	733.38	-0.0016	9.33	-0.0077	1.07	0.0003	86.67
58	IM220610-6LCS...	107.3395	1149836.86	198.8935	474162.17	9.7021	8921.80	9.5682	1457.27	9.4454	65956.79
59	2205638-62 10X	53.0903	590799.94	762.8106	1924774.92	78.8448	81057.37	2.8704	455.48	66.5478	545346.10
60	2205638-63 10X	65.3819	720746.01	1051.5201	2678996.63	101.1107	100745.64	2.4148	380.14	116.1441	908811.70
61	2205638-64 10X	85.3439	917971.14	1277.8144	3185146.31	111.5455	110562.23	2.8815	442.14	112.9654	886422.23
62	2205638-65 10X	72.5494	781735.65	906.1397	2264436.37	95.0659	92846.84	2.3474	361.20	107.0193	828119.67

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	2205638-66 10X	72.8443	786696.01	944.7040	2350178.19	97.1425	95011.92	2.3229	358.27	104.5236	808641.16
64	2205638-67 10X	73.9703	796351.91	934.6926	2332381.27	95.5406	94051.49	2.3617	363.07	102.1237	791385.54
65	2205638-68 10X	87.3321	929442.08	1067.8944	2638843.45	116.8195	112598.05	3.0558	463.88	109.4626	843135.06
66	2205638-69 10X	89.5120	956692.32	1029.2236	2564442.10	112.1115	109219.46	2.6950	411.08	107.0839	822684.44
67	CCV	103.2551	1154527.59	205.5616	516096.97	10.5411	10054.79	10.2603	1630.75	9.8692	72368.41
68	CCB	-0.0006	730.03	0.0563	813.39	0.0035	14.00	-0.0051	1.47	0.0024	103.34
69	2205638-70 10X	84.5238	929754.79	1068.8949	2714745.06	114.1708	115249.22	2.9337	460.28	107.1752	856410.43
70	2205638-71 10X	33.2035	370801.30	471.2239	1184820.92	24.5719	24555.49	2.0957	334.13	67.4648	524727.15
71	2205638-72 10X	37.0280	404941.65	405.6626	984788.27	33.4287	32838.37	2.3608	368.40	66.8582	519637.64
72	2205638-73 10X	48.9406	530977.74	596.0566	1481704.25	63.3658	62308.64	2.3842	369.20	94.2222	725538.27
73	2205638-74 10X	65.8522	708719.03	692.4030	1717861.18	93.9455	90815.74	2.6342	404.54	115.7404	884771.18
74	2205638-75 10X	38.8274	423199.01	411.4056	1019437.54	36.2886	37407.77	4.5733	708.95	82.0091	691872.70
75	2205638-76 10X	44.2885	483024.53	363.3861	897101.26	43.1280	42495.86	2.8352	440.81	100.1292	794559.21
76	2205638-77 10X	46.8822	514807.93	642.6746	1583638.62	60.8819	59454.86	2.1632	339.20	100.7287	770609.83
77	2205638-79 10X	59.9965	645084.24	588.0381	1454019.35	72.1974	70501.89	2.4022	368.67	109.6384	829551.50
78	CCV	104.2452	1180358.15	207.9667	524991.44	10.5469	10234.58	10.4947	1689.16	10.1049	74819.37
79	CCB	0.0024	771.14	-0.0175	656.71	-0.0019	9.33	-0.0107	0.67	-0.0053	53.33
80	2205638-80 10X	54.2772	604406.42	512.6208	1279997.09	59.7068	59689.29	2.5120	399.21	150.9160	1189177.98
81	2205638-80L 50X	10.8063	119415.42	102.5658	256050.93	12.2789	11518.10	0.4628	74.53	31.4318	229150.54
82	2205638-80MS ...	167.3374	1789801.32	700.5083	1722718.41	68.8574	67122.71	11.4669	1743.70	164.9021	1257498.21
83	2205638-80MSD...	164.0786	1754102.33	705.1891	1737850.29	69.4946	66841.95	11.3620	1726.49	163.2985	1245434.49
84	2205638-80A 10X	161.5624	1703472.85	706.4281	1710307.99	69.8181	66572.78	12.5197	1876.51	162.5020	1217180.24
85	CCV	103.3201	1137541.38	203.2493	505408.10	10.5251	9854.01	10.3799	1624.62	9.8670	71473.58
86	CCB	-0.0056	674.47	-0.0406	593.37	-0.0058	5.67	-0.0043	1.60	-0.0060	46.67
87	IP220613-1MB ...	0.0005	726.69	0.0837	873.40	0.0004	11.00	-0.0068	1.20	0.0043	113.34
88	IM220613-1LCS...	103.8114	1129175.20	198.4733	472377.79	9.4182	8701.35	9.5684	1479.54	9.6283	66676.76
89	2205638-81 10X	44.6076	497359.77	398.2023	1004044.20	51.0748	52061.09	2.8447	452.14	107.9172	866147.51
90	2205638-81L 50X	8.9329	99471.90	81.2726	202130.43	10.7705	10250.92	0.5219	84.27	23.2200	169265.46
91	2205638-81MS ...	154.7675	1662242.02	601.5407	1460627.74	61.4622	61318.30	11.8929	1815.71	123.4914	964884.80
92	2205638-81MSD...	151.1554	1629352.99	597.7267	1450198.68	60.9634	60029.69	11.7771	1805.04	117.7830	917986.05
93	2205638-81A 10X	146.4649	1560204.21	593.9546	1428572.43	60.7688	58351.28	12.7805	1935.05	117.5100	891286.94

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	2205638-82 10X	56.3339	623480.64	535.4725	1361108.62	67.7249	67488.31	2.2380	353.73	107.2158	829677.88
95	2205638-83 10X	62.0838	683553.15	507.4841	1258259.05	69.6721	68963.35	2.3949	376.54	100.0199	777116.16
96	2205638-84 10X	58.0558	620263.79	502.0197	1249118.47	69.9565	68087.71	2.5319	386.01	101.0728	766801.81
97	CCV	101.7457	1120865.13	197.5213	496315.14	10.3025	9643.21	10.0909	1580.08	9.7733	70379.11
98	CCB	-0.0052	675.58	0.0475	803.40	-0.0013	9.67	-0.0041	1.60	-0.0014	76.67
99	2205638-85 10X	56.1075	609921.33	501.1692	1253849.46	70.5562	69103.36	2.5072	388.94	103.7524	793258.61
100	2205638-86 10X	54.3390	586175.48	470.7154	1183832.64	66.9253	65003.93	2.4274	373.74	97.1224	738705.56
101	2205638-87 10X	55.2497	595580.97	495.2795	1237848.03	68.9977	67105.22	2.3775	365.87	101.1863	769029.31
102	2205638-88 10X	47.9655	502746.42	439.2839	1065419.67	41.9105	38809.40	1.8051	270.53	97.7705	707673.56
103	2205638-88L 50X	9.5004	100102.11	89.8498	215223.78	8.3287	7536.10	0.3673	56.80	19.8131	136626.33
104	2205638-88MS ...	155.6686	1599541.67	648.1157	1536230.55	52.1353	48001.37	11.1380	1627.01	113.3359	820716.00
105	2205638-88MSD...	140.1428	1446648.45	593.8523	1403369.98	47.8067	44332.37	10.3656	1521.27	103.1262	747052.23
106	2205638-88A 10X	149.2881	1539921.29	636.9150	1506466.23	51.1279	47104.11	11.7189	1718.23	104.9269	754879.94
107	CCV	102.3377	1087995.27	198.9051	486183.46	10.2547	9404.74	10.3681	1566.61	10.0007	69485.44
108	CCB	-0.0074	660.03	-0.0161	660.04	-0.0004	10.33	-0.0071	1.20	-0.0032	66.67
109	2205638-90 10X	39.5288	420652.39	328.4592	803808.06	40.6362	39123.47	2.1744	330.40	80.3337	598590.65
110	2205638-90L 50X	7.8824	84155.24	66.7592	164094.98	8.3529	7677.84	0.4197	65.33	16.7761	118266.06
111	2205638-90MS ...	141.2502	1487623.97	523.7798	1255777.01	51.6581	48586.70	10.7117	1603.68	93.0240	689478.27
112	2205638-90MSD...	151.5511	1584003.34	554.8129	1335013.16	53.3971	50571.70	11.5702	1719.03	99.5597	735981.89
113	2205638-90A 10X	139.0156	1438137.23	506.2244	1199271.31	48.8440	45080.09	12.1758	1790.50	86.1632	622648.10
114	2205638-91 10X	39.8635	437338.44	443.3716	1099154.36	43.2679	42372.87	1.7336	272.00	70.4356	537632.66
115	2205638-92 10X	45.6182	500011.20	873.3756	2125751.79	55.4252	54409.07	2.5320	396.01	84.7299	654663.42
116	2205638-93 10X	41.5983	455724.25	382.1785	938582.33	44.9624	44155.22	2.4900	389.21	85.1795	653461.64
117	2205638-94 10X	48.0528	513570.92	394.8685	971007.67	63.6821	61884.11	3.1633	481.74	97.5951	748520.04
118	2205638-95 10X	43.5126	467957.00	290.5930	702906.40	35.9051	34562.53	2.0826	320.00	143.9127	1077004.23
119	CCV	101.2114	1110687.84	198.9029	493515.85	10.2610	9554.16	9.8714	1539.67	9.7982	69914.20
120	CCB	-0.0060	674.47	-0.0275	626.71	-0.0029	8.33	0.0002	2.27	0.0018	100.00
121	2205638-96 10X	29.9882	332275.56	253.2788	629648.47	23.2664	22670.43	2.1986	347.47	129.5052	990853.92
122	2205638-97 10X	37.5024	409986.98	346.8373	857745.25	35.2427	34429.59	2.0153	314.67	134.8256	1034837.88
123	2205638-98 10X	41.2309	448185.81	317.1817	774383.06	36.3069	35188.50	2.3325	361.74	144.7321	1105972.43
124	2205638-99 10X	40.4471	435040.99	342.6764	832255.01	45.9418	43989.11	2.2530	345.87	124.0209	927302.77

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
125	2205638-100 10X	42.3561	451029.48	282.3944	683462.02	40.1069	38156.49	2.9975	455.08	122.3413	917924.28
126	CCV	101.5476	1101739.19	196.9897	485257.18	10.1093	9478.78	10.1177	1560.08	9.7923	69719.63
127	CCB	-0.0050	681.13	-0.0464	586.71	-0.0055	6.00	-0.0051	1.47	0.0009	93.34
128	IP220613-2MB ...	-0.0025	703.36	-0.0651	536.71	-0.0021	9.00	-0.0042	1.60	-0.0005	83.34
129	IM220613-2LCS...	104.6070	1121716.90	192.6799	464124.47	9.5388	8696.35	9.6803	1475.80	9.7798	68186.20
130	IM220613-2LCS...	103.8004	1131443.18	193.9188	470017.14	9.6233	8760.72	9.3871	1454.60	9.3644	65742.48
131	2205638-101 10X	41.2399	388126.48	393.6742	853431.78	40.9319	34554.26	2.6437	354.94	113.7236	743594.26
132	2205638-102 10X	44.6648	439924.83	373.7336	852458.68	43.7617	38610.98	2.7870	391.34	114.7526	797883.14
133	2205638-103 10X	30.9014	312221.85	252.6566	589713.05	31.2591	27713.20	2.2198	320.00	82.1332	578936.92
134	2205638-104 10X	34.7261	363023.08	256.2945	595789.09	33.5736	30898.23	2.7654	412.01	83.0062	593776.72
135	2205638-105 10X	34.3482	358008.27	373.7236	883557.80	42.5908	39069.64	2.2676	337.20	120.1708	861695.40
136	2205638-106 10X	30.9023	322050.56	316.8090	749202.46	28.4839	26608.03	2.6980	400.68	110.4734	811715.90
137	2205638-107 10X	48.0162	502264.08	432.7875	1039089.98	49.7052	45712.11	2.6014	388.14	89.2866	653785.72
138	CCV	101.0268	1071722.11	196.0548	476233.14	10.1532	9209.96	10.2549	1546.47	10.0271	69320.79
139	CCB	-0.0180	510.01	-0.0459	543.37	-0.0083	3.33	-0.0064	1.20	-0.0065	40.00
140	2205638-108 10X	40.7322	422735.97	228.3760	535431.37	29.3040	27065.46	2.8871	427.08	75.3676	544825.99
141	2205638-109 10X	23.7035	248318.31	199.6723	478137.90	24.3966	22351.34	1.7396	260.40	95.6784	687642.05
142	2205638-110 10X	33.0173	347604.19	261.8583	627048.57	33.2913	30616.39	2.3029	345.87	88.8210	647827.58
143	2205638-111 10X	45.2942	465676.06	462.2796	1100699.88	47.3038	43818.33	2.5465	373.47	97.3822	704240.07
144	2205638-112 10X	30.8656	319359.06	280.2538	661194.13	33.8277	30790.71	2.2881	337.73	85.7458	610592.26
145	2205638-113 10X	45.9688	482300.61	528.9043	1277106.78	64.4899	60274.80	2.6105	390.41	96.4566	700081.45
146	2205638-115 10X	56.3256	579140.31	509.2732	1236743.13	139.5431	126808.07	2.9581	433.74	93.7458	673970.96
147	2205638-116 10X	54.2278	556783.31	468.8283	1106522.82	50.0795	45705.12	2.4082	352.93	108.8623	777005.56
148	2205638-117 10X	44.8663	464625.48	411.6504	977566.89	47.0989	43691.37	2.8168	415.88	117.8034	859324.78
149	2205638-118 10X	41.7805	430203.45	276.4490	656770.46	58.0505	53270.28	2.6839	394.14	115.4254	825093.71
150	CCV	100.2987	1058196.00	196.4312	472783.26	10.2868	9255.33	10.1085	1515.94	10.0427	68521.33
151	CCB	-0.0132	574.47	-0.0503	560.03	-0.0035	7.33	-0.0019	1.87	0.0011	90.00
152	2205638-119 10X	44.5192	466479.46	378.6987	911915.01	47.5583	44619.49	3.0764	459.34	113.4402	828673.61
153	2205638-120 10X	45.0062	470641.89	507.4075	1226412.58	47.5466	44205.69	2.5005	373.07	106.1727	776545.66
154	2205638-121 10X	40.6558	424767.62	424.6794	1019250.01	44.8511	42290.33	2.9460	438.68	92.4074	676508.19
155	CCV	100.2867	1047951.63	196.5592	470147.12	10.3419	9177.60	10.0109	1487.00	9.7908	67037.98

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
156	CCB	-0.0149	552.24	-0.0424	580.04	-0.0051	6.00	-0.0132	0.27	-0.0014	73.34
157	IP220613-3MB ...	0.0038	743.53	-0.1028	440.03	-0.0039	7.00	-0.0123	0.40	-0.0025	66.67
158	IM220613-3LCS...	100.7733	1061371.07	185.6086	445117.18	9.4591	8276.46	9.4156	1409.93	9.3116	62262.55
159	IM220613-3LCS...	106.5790	1146758.88	189.6289	457532.70	9.4487	8435.21	9.7091	1485.14	9.6461	66338.14
160	2205638-122 10X	44.7412	471590.09	409.0566	1000803.48	49.5002	46546.25	2.3122	347.87	122.3211	896558.76
161	2205638-123 10X	43.0572	447909.10	400.5508	976116.68	56.5707	52789.39	2.7377	406.14	107.2367	790458.22
162	2205638-124 10X	64.6674	684302.61	489.7591	1193494.10	46.0422	42607.11	2.1821	329.87	95.7641	705123.97
163	2205638-125 10X	46.3262	483343.21	584.6918	1416623.78	45.9404	42638.89	2.2359	333.07	92.4108	677125.25
164	2205638-126 10X	26.5724	279378.61	270.2505	664155.53	29.4200	27335.53	2.1079	316.13	132.9440	967502.30
165	2205638-128 10X	26.0281	272738.53	261.7399	632601.70	33.1430	30846.47	2.0646	308.67	150.4147	1105011.47
166	2205638-129 10X	39.0523	409590.39	424.7522	1030064.78	48.8277	45957.11	2.3825	356.53	67.1497	503588.81
167	CCV	99.9213	1056455.83	193.0410	472448.86	10.0953	9169.62	9.9114	1489.54	9.9181	68153.09
168	CCB	-0.0128	606.69	-0.0925	486.70	-0.0008	10.00	-0.0106	0.67	-0.0012	80.00
169	2205638-130 10X	39.4120	421200.19	427.0749	1045224.20	57.9396	55268.59	2.5854	394.01	72.9776	552541.61
170	2205638-131 10X	61.8710	652075.39	376.5215	929117.33	95.0462	89367.25	2.0750	312.53	115.9000	848428.97
171	2205638-132 10X	68.7823	713661.53	402.0446	979566.76	108.7233	99906.67	2.0408	302.67	117.4951	847021.99
172	2205638-133 10X	61.1721	632856.16	463.8978	1146100.76	95.8488	86847.14	2.1280	314.53	102.6055	729471.66
173	2205638-134 10X	70.9089	731251.25	424.3707	1040972.30	110.7576	100148.45	1.9962	294.27	115.3647	817004.96
174	2205638-135 10X	48.9440	506743.07	290.8895	709319.16	88.8106	78527.52	1.2268	182.40	87.3680	609917.09
175	2205638-136 10X	48.9683	504446.30	743.1820	1794215.86	73.7456	67119.99	2.4053	353.60	79.1411	571948.20
176	2205638-137 10X	48.8966	505019.55	759.8477	1848607.05	72.5992	67166.47	2.4457	360.40	78.8629	575144.33
177	2205638-138 10X	51.1217	527152.62	758.2477	1827421.69	76.4919	69386.53	2.3975	352.94	79.3111	579535.17
178	2205638-139 10X	40.7211	420343.63	555.2818	1328656.36	73.6725	67967.83	2.7516	404.94	66.2019	489874.00
179	CCV	98.8016	1040619.12	194.7506	469846.97	10.2235	9033.87	9.8724	1478.07	9.7330	66418.99
180	CCB	-0.0151	572.24	-0.0330	620.05	-0.0004	10.33	-0.0060	1.33	0.0005	90.00
181	2205638-140 10X	45.7055	481046.26	570.4810	1379541.75	73.7837	69884.21	2.7403	411.21	66.9564	502289.55
182	2205638-141 10X	44.5304	462589.83	590.3567	1424247.17	75.7153	70683.32	2.8999	429.48	71.1181	529653.20
183	2205638-142 10X	57.9883	598807.74	447.8222	1100554.07	90.7596	83122.59	2.1275	313.87	108.8147	778847.75
184	CCV	98.8430	1045943.74	194.8795	469688.41	10.2150	9040.20	9.7098	1460.60	9.7928	66921.30
185	CCB	-0.0121	612.24	-0.0095	683.38	-0.0002	10.67	-0.0079	1.07	0.0004	90.00
186	RINSE	-0.0119	612.25	0.0542	823.40	-0.0002	10.67	-0.0142	0.13	0.0317	296.68

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
187	RINSE	-0.0095	633.36	0.0550	823.39	0.0007	11.33	-0.0106	0.67	0.0492	406.69

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	-0.0013	3.33	0.0013	32.22	0.0011	163.34	0.0000	1.33	0.1476	15888.76
2	RINSE	-0.0008	10.00	0.0014	33.33	0.0013	164.45	0.0002	2.00	0.1694	14861.04
3	RINSE	-0.0006	13.33	-0.0003	17.78	0.0001	145.56	-0.0002	0.67	0.1532	14200.31
4	BLANK	0.0000	20.00	0.0000	20.00	0.0000	141.12	0.0000	1.33	0.0000	8079.19
5	H/1000	0.0191	280.02	0.1081	985.61	0.0099	302.23	0.0358	117.23	0.7844	36890.95
6	H/100	0.1936	2857.06	1.0111	9924.32	0.0999	1913.48	0.3063	1084.40	4.9922	207834.87
7	H/10	2.0392	31335.03	9.8677	102500.67	1.0461	19119.51	3.1154	11344.00	52.6707	2198280.44
8	HIGH	19.9961	303897.34	100.0131	1001340.62	9.9954	168029.83	29.9884	101156.97	499.7327	19989707.62
9	RINSE	0.0001	23.33	0.0122	133.34	0.0004	152.22	0.0013	5.99	0.3923	24636.89
10	ICV	4.0272	60756.61	19.6228	200025.45	2.0315	36010.01	6.0597	21478.87	98.2871	4145743.27
11	ICB	-0.0005	13.33	0.0089	103.33	0.0008	158.89	0.0002	1.99	0.0504	10220.59
12	LIV	0.0472	676.71	0.2033	1930.15	0.0564	1097.83	0.2084	705.83	1.2380	56649.10
13	ICSA	-0.0008	10.00	210.5046	2049383.74	0.0033	206.67	-0.0022	-6.22	0.2780	19689.91
14	ICSAB	2.0597	30961.07	218.0612	2179573.32	1.0185	17710.11	3.0578	10587.32	53.4617	2204390.02
15	CCV	2.0650	30550.36	10.0386	99574.21	1.0403	18382.00	3.0766	10828.59	51.7938	2142269.66
16	CCB	-0.0013	3.33	0.0102	111.11	-0.0003	136.67	-0.0002	0.66	0.0265	9036.34
17	IP220610-5MB ...	-0.0010	6.67	0.0234	223.51	0.0001	141.11	-0.0004	-0.02	0.2273	16169.29
18	IM220610-5LCS...	1.9839	28115.86	9.8907	94050.43	1.0332	17670.12	3.0801	10492.24	51.1085	1999336.95
19	2205638-41 10X	17.7217	278585.27	3.9420	42723.83	1.3750	24436.84	20.5450	72867.82	1.9080	87487.65
20	2205638-41L 50X	3.6255	54390.47	0.8232	8378.99	0.2833	5194.26	4.1017	14650.70	1.0346	51188.65
21	2205638-41MS ...	18.9877	304066.34	11.5178	125680.28	2.4349	42966.17	23.6500	83512.42	50.9175	2108383.04
22	2205638-41MSD...	18.8749	296507.39	11.3137	123436.03	2.3434	41326.28	23.4620	82784.71	50.4388	2085932.94
23	2205638-41A 10X	19.2350	300149.55	13.3973	143481.09	2.4130	41954.52	23.7171	82520.73	53.3117	2180906.11
24	2205638-42 10X	18.1509	301974.90	2.9211	33407.30	0.9543	17734.59	2.0819	7700.64	2.3788	111736.68
25	2205638-43 10X	20.9215	348604.51	5.7279	65649.95	1.9298	35455.36	2.6874	9872.67	6.5389	286825.37
26	2205638-44 10X	15.4032	248422.98	2.2667	25281.32	0.4577	8603.55	1.0105	3743.98	1.5759	75335.04
27	CCV	2.0441	33476.17	9.8854	108873.56	1.0438	20353.28	3.0927	12011.86	51.8010	2305066.94
28	CCB	-0.0006	13.33	0.0012	35.56	0.0009	177.78	0.0014	6.67	0.0263	10360.57
29	2205638-45 10X	15.3079	258124.30	2.0082	23372.91	0.4284	8354.57	0.8837	3392.75	1.1396	59617.95
30	2205638-46 10X	12.8954	203350.74	2.0969	22659.62	0.4664	8483.50	1.0119	3628.20	1.4291	66381.48
31	2205638-47 10X	13.3877	201168.62	1.6710	17380.75	0.3637	6475.86	0.7050	2462.49	1.0201	49228.67

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2205638-48 10X	15.0498	230277.73	5.2379	55480.83	2.0146	35184.76	6.5446	22857.77	1.7982	81097.33
33	2205638-49 10X	19.1900	299732.03	6.8823	74554.14	1.8067	31448.08	16.6899	58064.67	1.7839	80708.28
34	2205638-50 10X	18.2188	286086.28	4.4496	47882.97	1.6523	29177.14	2.6395	9314.07	4.0715	174020.30
35	2205638-51 10X	18.2808	284459.07	9.2878	100189.18	3.1656	55180.51	2.8128	9821.87	2.8616	124539.96
36	2205638-52 10X	12.8046	193950.98	2.4941	26359.73	0.7196	12721.92	1.0671	3745.20	1.1982	56509.11
37	2205638-53 10X	12.8758	196149.01	1.3926	14506.79	0.3628	6390.29	0.6300	2177.40	0.8818	44331.15
38	2205638-54 10X	14.0147	218141.97	8.0164	85983.39	2.9676	51546.19	3.6511	12698.66	1.5361	70971.13
39	CCV	1.9628	31248.28	9.9355	105397.84	1.0549	19789.28	3.1202	11657.95	52.0735	2264242.67
40	CCB	-0.0004	16.67	0.0028	48.89	0.0009	170.00	0.0007	4.00	0.0417	10307.16
41	2205638-55 10X	20.7576	335304.11	9.0901	103372.15	3.1006	56449.28	6.8396	24936.16	1.5160	74524.72
42	2205638-56 10X	19.5977	313097.46	4.1364	46011.78	1.3369	24269.90	2.7271	9878.60	140.0677	5894016.16
43	2205638-57 10X	21.6855	343448.33	5.6445	62845.68	1.7826	31602.92	2.5706	9109.15	3.6026	156822.97
44	2205638-58 10X	18.7685	292968.64	7.3312	79565.12	2.4609	43595.86	5.8563	20763.17	2.7855	122677.17
45	2205638-59 10X	17.1196	262164.94	9.2006	98257.79	3.2332	56624.38	5.0220	17618.21	1.6852	81268.20
46	2205638-60 10X	20.5611	328856.18	4.3212	47944.11	1.5842	28048.37	3.7345	13206.19	2.4972	111146.92
47	2205638-49 100X	1.9714	29428.47	0.7338	7416.26	0.1861	3440.42	1.6298	5779.03	0.2709	19733.25
48	CCV	2.0251	31555.56	9.8967	104950.08	1.0402	19372.01	3.0520	11319.73	52.5428	2243998.25
49	CCB	-0.0006	13.33	0.0034	55.55	-0.0002	150.00	0.0007	4.00	0.0376	10503.98
50	2205638-41 100X	1.7911	27384.71	0.4079	4233.96	0.1364	2648.04	2.0330	7443.40	0.2461	19516.38
51	2205638-41L 5...	0.3459	4941.00	0.0804	790.03	0.0312	680.02	0.3947	1350.00	0.0966	12285.40
52	2205638-41MS ...	1.9537	29384.95	1.2306	12429.47	0.2429	4422.91	2.3437	8274.32	4.8092	205036.77
53	2205638-41MSD...	2.0179	29458.10	1.2191	12163.71	0.2507	4540.73	2.3365	8211.66	4.7021	200346.50
54	2205638-41A 1...	3.7867	55988.97	10.5569	104330.38	1.1696	20280.97	5.2784	18244.98	51.4764	2065775.49
55	CCV	2.0193	30810.72	9.9571	102570.31	1.0259	18803.59	3.0622	11178.54	52.1431	2208510.70
56	CCB	-0.0005	13.33	0.0003	24.45	0.0006	157.78	0.0013	6.00	0.0359	9981.27
57	IP220610-6MB ...	-0.0010	6.67	0.0029	46.67	-0.0005	134.45	0.0000	1.33	0.2276	16609.56
58	IM220610-6LCS...	1.9842	28837.12	9.9075	96626.00	1.0385	18066.07	3.0398	10537.35	49.9839	1995226.27
59	2205638-62 10X	22.5046	365820.45	6.8605	78630.24	2.5920	46590.87	4.6307	16660.43	3.5272	159626.86
60	2205638-63 10X	16.4066	258493.57	9.8101	107362.71	3.2280	57448.69	4.9346	17589.96	1.6878	79230.43
61	2205638-64 10X	20.9807	328882.37	10.6019	116341.40	4.3151	74904.00	6.5047	22633.41	2.0361	93049.28
62	2205638-65 10X	14.9765	231307.23	9.2268	99854.57	3.3533	58335.02	4.2624	14854.54	1.6790	77086.85

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	2205638-66 10X	15.3254	237034.34	9.7012	104962.45	3.4676	60456.10	4.3049	15036.16	1.7367	79824.44
64	2205638-67 10X	15.1553	235888.96	9.4375	102279.73	3.3841	58818.93	4.2630	14843.59	2.1652	96997.16
65	2205638-68 10X	18.8206	286863.82	10.7625	115931.76	4.5246	77707.37	5.2404	18040.87	3.7732	162148.19
66	2205638-69 10X	18.4025	283477.19	9.8844	106201.59	4.3216	74538.98	5.0235	17367.10	3.1866	137120.28
67	CCV	2.0392	30743.94	9.9043	101456.78	1.0409	18902.61	3.1395	11356.78	52.4699	2197956.37
68	CCB	-0.0003	16.67	0.0018	37.78	0.0018	178.89	0.0002	2.00	0.0225	9429.92
69	2205638-70 10X	18.3340	292653.82	10.9936	122860.63	4.3506	77220.71	5.1036	18159.70	4.5686	204208.36
70	2205638-71 10X	16.4244	259439.24	2.5158	27383.79	0.6413	11676.67	1.1189	4037.84	2.0150	94217.03
71	2205638-72 10X	19.1967	298171.40	3.3945	36912.88	2.1097	37271.81	1.5251	5391.98	3.4764	153408.78
72	2205638-73 10X	16.4340	255543.58	6.4744	69738.35	2.3566	41304.99	2.5186	8833.62	1.6853	78061.75
73	2205638-74 10X	17.6120	269229.13	9.4373	100896.60	4.1508	72077.75	3.2844	11430.88	2.1459	97589.82
74	2205638-75 10X	46.1716	752556.19	4.1121	48526.96	1.1660	20598.07	4.2267	14885.60	3.2764	142865.82
75	2205638-76 10X	22.2714	346974.22	4.5672	50701.48	2.4079	42415.77	2.6277	9263.09	2.3205	104759.89
76	2205638-77 10X	14.0279	216618.77	6.5898	70513.81	1.9061	33840.76	2.3731	8424.00	1.7755	82079.34
77	2205638-79 10X	16.3245	252085.27	7.1682	75862.61	3.0720	53327.44	2.7765	9654.83	1.6154	75084.00
78	CCV	2.0648	31672.59	9.9886	103310.68	1.0359	19052.76	3.1002	11357.27	51.5041	2208913.20
79	CCB	0.0004	26.67	0.0016	36.67	0.0008	164.45	0.0002	2.00	0.0341	9896.95
80	2205638-80 10X	16.7708	265064.59	5.1451	56710.40	1.9729	35519.98	2.2796	8207.25	2.3249	106135.24
81	2205638-80L 50X	3.4064	50501.20	1.0839	11067.32	0.3768	6823.78	0.4531	1611.67	1.0508	51509.65
82	2205638-80MS ...	18.7297	288719.85	13.2371	141164.62	3.1301	54094.54	5.2997	18346.08	51.3341	2179760.13
83	2205638-80MSD...	19.1157	290709.92	13.1143	139886.05	2.9635	51192.71	5.2899	18302.16	51.7890	2076097.21
84	2205638-80A 10X	18.9988	286446.44	14.8591	155651.91	3.0123	51321.96	5.4557	18612.96	54.9303	2190990.07
85	CCV	2.0548	30413.33	9.8943	100121.69	1.0334	18480.94	3.1289	11145.44	52.1745	2164206.58
86	CCB	-0.0003	16.67	0.0036	53.33	0.0019	178.89	0.0002	1.99	0.0239	9193.14
87	IP220613-1MB ...	-0.0008	10.00	0.0028	45.55	-0.0006	135.56	0.0004	2.67	0.2455	17250.31
88	IM220613-1LCS...	1.9919	29084.17	9.8916	95685.76	1.0131	17904.73	2.9973	10546.78	50.6238	2008992.00
89	2205638-81 10X	20.9158	337109.58	4.6158	51821.69	1.4511	26193.02	2.0099	7243.25	2.9981	133983.54
90	2205638-81L 50X	4.3385	65244.34	1.0085	10297.91	0.2949	5406.56	0.3921	1403.05	0.6300	34114.88
91	2205638-81MS ...	23.7317	374358.08	12.0184	131315.23	2.5387	44080.28	5.1976	18064.07	52.9812	2153306.06
92	2205638-81MSD...	22.7575	354320.84	12.2903	133959.69	2.6358	45930.03	5.1408	17931.00	54.1953	2200013.93
93	2205638-81A 10X	22.8440	346852.16	13.8878	147302.51	2.4509	42214.02	5.0911	17547.91	54.3125	2175350.59

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	2205638-82 10X	13.6419	214943.16	6.4874	70218.14	2.4040	42988.41	2.2901	8196.57	1.4679	70044.40
95	2205638-83 10X	15.0587	235687.57	7.3731	80113.53	2.9126	51781.29	2.3774	8466.41	1.5488	72786.42
96	2205638-84 10X	15.1438	233047.86	7.9253	84095.70	2.9019	50063.50	2.4283	8389.30	1.7547	81046.72
97	CCV	2.0107	29742.17	9.8348	98922.35	1.0232	18312.99	3.0410	10838.66	51.2879	2101084.87
98	CCB	-0.0008	10.00	0.0019	37.78	0.0002	150.00	0.0002	2.00	0.0019	8375.94
99	2205638-85 10X	15.0350	232837.33	7.3641	78746.79	2.8725	50420.38	2.4088	8467.21	1.6432	76484.01
100	2205638-86 10X	14.5758	223857.85	6.8049	72391.27	2.8119	48982.47	2.2489	7844.86	1.5757	73275.81
101	2205638-87 10X	14.7738	227201.21	6.8883	73218.13	2.9981	52174.65	2.3866	8319.01	1.6281	74919.92
102	2205638-88 10X	13.6746	200183.25	4.3627	44172.19	1.2944	21984.32	1.5412	5222.53	2.2467	98151.04
103	2205638-88L 50X	2.7398	39172.52	0.9062	8754.77	0.2631	4581.86	0.3084	1045.18	0.4589	26189.58
104	2205638-88MS ...	15.9166	231711.15	12.7182	128783.82	2.3637	39272.28	4.7395	15759.20	53.0150	2039448.72
105	2205638-88MSD...	14.3959	211077.71	11.7029	118561.06	2.7776	46337.78	4.3479	14523.02	48.1018	1859193.05
106	2205638-88A 10X	15.3374	223419.19	14.0082	140921.42	2.2999	38366.58	4.7219	15760.65	53.8589	2069503.98
107	CCV	2.0457	29665.20	9.8974	96056.96	1.0108	17457.59	3.1358	10785.60	51.0055	2068383.51
108	CCB	-0.0010	6.67	0.0020	40.00	-0.0003	143.34	0.0010	4.67	0.0096	8702.79
109	2205638-90 10X	15.5045	236002.11	3.7242	38819.56	1.3672	23559.93	1.6502	5675.23	3.3884	143368.99
110	2205638-90L 50X	3.2581	47308.04	0.7759	7665.27	0.2789	4905.29	0.3277	1123.96	0.7053	36229.71
111	2205638-90MS ...	18.3011	272132.59	11.7698	121989.77	2.3604	40195.76	4.5310	15440.86	50.5876	2006175.91
112	2205638-90MSD...	20.0375	300075.50	12.3337	127505.97	2.4591	41557.98	4.8213	16304.56	53.9307	2127452.36
113	2205638-90A 10X	16.8167	245405.45	13.2993	134398.58	2.3405	39151.83	4.6774	15657.90	54.6362	2132362.83
114	2205638-91 10X	11.7106	181334.20	4.5044	48090.12	1.3366	23749.14	1.7498	6204.51	2.1183	96158.11
115	2205638-92 10X	15.5689	241639.38	5.3673	58010.63	1.5673	27802.40	4.2794	15163.61	1.6212	74856.23
116	2205638-93 10X	15.7669	244797.14	4.2468	45576.23	1.3179	23390.82	1.6058	5687.22	1.6154	74622.55
117	2205638-94 10X	18.5916	285686.99	5.3515	57409.63	1.7557	30352.55	1.9342	6683.11	2.4001	106165.68
118	2205638-95 10X	15.5109	236038.33	2.6845	28116.14	0.6878	12056.98	1.0632	3697.02	2.9792	128681.97
119	CCV	2.0549	30239.84	9.8757	98441.18	1.0035	17891.45	3.0272	10747.98	50.6924	2108104.97
120	CCB	-0.0008	10.00	0.0016	35.55	0.0010	164.45	0.0002	2.00	-0.0016	8389.26
121	2205638-96 10X	15.5975	240243.88	2.1391	22906.67	0.5099	9243.96	1.1569	4140.98	1.3596	64641.25
122	2205638-97 10X	14.6641	226484.83	3.5945	38598.93	1.1119	19711.35	1.8089	6390.86	1.9134	87652.02
123	2205638-98 10X	16.4107	251455.91	3.4429	36809.17	1.1196	19740.28	1.7689	6214.30	2.0766	93294.93
124	2205638-99 10X	13.8599	209826.97	4.3990	46009.62	1.1176	19492.20	1.5896	5525.79	1.4988	68879.19

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
125	2205638-100 10X	16.6189	249987.88	3.9244	41196.61	0.9816	16971.50	1.4611	5029.44	1.7913	80379.59
126	CCV	2.0151	29872.50	9.7360	96825.02	1.0103	17806.85	3.0303	10637.43	51.1723	2080525.02
127	CCB	-0.0003	16.67	0.0006	26.66	0.0007	158.89	0.0000	1.33	-0.0023	8369.23
128	IP220613-2MB ...	-0.0001	20.00	0.0010	30.00	0.0017	174.45	-0.0002	0.67	0.3508	21599.56
129	IM220613-2LCS...	2.0283	29217.69	9.7408	94870.05	1.0154	17691.17	3.0019	10413.44	50.5033	1996466.43
130	IM220613-2LCS...	2.0207	29074.25	9.7765	95870.53	1.0161	17993.75	2.9321	10340.62	49.2978	2019102.94
131	2205638-101 10X	15.1841	202675.20	4.0728	37257.09	1.2774	19474.40	2.1038	6400.34	2.4199	100965.24
132	2205638-102 10X	16.7827	234072.44	4.3187	42007.55	1.2662	20209.78	2.0460	6513.91	2.7138	107699.04
133	2205638-103 10X	14.9244	209121.26	2.9467	29061.13	0.8503	13958.55	1.1223	3663.58	1.4837	62987.88
134	2205638-104 10X	18.4551	268518.21	3.1148	31171.72	0.8432	14327.75	1.4021	4736.33	1.8978	81552.56
135	2205638-105 10X	14.9584	216972.31	4.1133	41261.20	1.2999	21940.96	1.8542	6244.52	2.1329	90355.28
136	2205638-106 10X	22.2350	328288.90	2.7145	27911.28	0.8757	14823.75	2.0471	6891.47	2.9123	121709.99
137	2205638-107 10X	17.8036	258896.10	5.2589	53864.23	1.2218	20718.22	1.9070	6449.37	2.3964	101379.42
138	CCV	2.0033	28716.80	9.7836	94451.96	1.0331	17802.41	3.0954	10623.64	51.0688	2043857.78
139	CCB	-0.0013	3.33	0.0008	25.55	0.0026	177.78	0.0000	1.33	0.0108	8165.85
140	2205638-108 10X	19.4788	284406.79	2.7151	27466.13	0.7171	12122.56	1.2983	4355.26	1.7470	75851.48
141	2205638-109 10X	14.2080	205754.55	2.4784	24918.48	0.8299	14119.78	1.1938	4037.42	1.5881	70496.76
142	2205638-110 10X	18.2393	265174.09	3.1810	32463.22	0.9007	15399.91	1.7655	6005.32	1.5917	70828.37
143	2205638-111 10X	17.4609	255742.39	4.7888	48445.65	1.3298	22147.91	2.4290	8072.67	2.6926	113932.32
144	2205638-112 10X	17.4912	251711.59	3.1841	31723.96	0.8806	14798.17	1.6235	5426.51	1.7208	75462.11
145	2205638-113 10X	15.9864	236295.07	5.5830	56678.21	1.7890	30344.88	2.8906	9804.86	2.1986	94045.71
146	2205638-115 10X	15.1458	217683.79	13.7176	137918.35	3.8421	63740.29	2.5042	8325.95	1.7664	77164.77
147	2205638-116 10X	15.4499	222981.81	4.7695	47623.33	1.3513	22479.50	1.8164	6030.49	1.6961	73754.42
148	2205638-117 10X	16.2899	238926.01	4.4437	45346.55	1.2330	20694.84	2.0843	6976.45	1.8213	79020.50
149	2205638-118 10X	16.1786	234760.47	5.3458	53449.39	1.5834	26378.95	1.4192	4723.45	1.4675	65015.77
150	CCV	2.0371	28970.65	9.8409	93778.81	1.0269	17601.07	3.0784	10506.96	51.5027	2033102.47
151	CCB	0.0000	20.00	0.0014	32.22	0.0012	161.12	0.0002	2.00	-0.0008	8035.71
152	2205638-119 10X	17.8851	265328.37	4.3059	44001.87	1.2575	21352.36	2.6350	8924.90	1.9218	85068.16
153	2205638-120 10X	16.0207	235509.08	4.9916	51069.40	1.1455	19425.48	1.9426	6567.04	1.9150	84200.65
154	2205638-121 10X	19.9243	297037.80	4.7896	49053.25	1.1818	20013.97	2.2390	7560.35	6.7608	273950.03
155	CCV	2.0062	28139.06	9.6753	92544.35	1.0094	17137.27	3.0298	10242.23	50.6989	1999395.13

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
156	CCB	-0.0007	10.00	0.0007	25.55	-0.0009	125.56	0.0004	2.67	-0.0082	7872.34
157	IP220613-3MB ...	0.0005	26.67	0.0009	27.78	0.0002	144.45	0.0006	3.33	0.1876	15238.42
158	IM220613-3LCS...	1.9624	27137.33	9.6779	90397.81	1.0185	17428.68	2.9529	10062.34	48.7348	1921678.05
159	IM220613-3LCS...	1.9852	28008.90	9.8080	94218.46	1.0074	17613.30	2.9692	10336.79	49.2711	2005876.37
160	2205638-122 10X	16.4520	244603.51	5.4282	55646.73	1.3307	22720.96	2.1958	7481.66	2.6021	113587.59
161	2205638-123 10X	18.2118	268704.81	5.8590	60408.34	1.5900	26762.89	2.4607	8274.26	4.6097	191583.35
162	2205638-124 10X	16.2453	237684.44	4.7303	48724.31	1.1708	20094.11	1.9552	6691.31	4.2802	177875.68
163	2205638-125 10X	16.6690	244626.71	5.2270	53579.74	1.3560	22916.82	2.3047	7773.33	5.3831	222019.19
164	2205638-126 10X	16.4759	242008.99	2.6857	27358.08	0.7607	13006.62	1.3914	4725.37	1.7473	77365.51
165	2205638-128 10X	15.8370	233041.08	2.8634	29437.34	0.9431	16033.82	1.4934	5053.27	1.6405	72907.01
166	2205638-129 10X	19.5271	290579.35	5.0557	53030.11	1.3179	22386.07	2.1812	7393.88	4.2168	176113.94
167	CCV	2.0251	29077.19	9.7636	93718.81	1.0196	17512.10	3.0848	10551.67	50.7521	2041410.49
168	CCB	-0.0008	10.00	0.0032	51.11	0.0002	152.22	-0.0002	0.66	-0.0056	8262.52
169	2205638-130 10X	21.3194	321533.89	5.2321	55416.06	1.2802	22169.05	2.5233	8716.32	3.4328	146541.13
170	2205638-131 10X	11.8363	176000.87	10.4923	107425.21	3.6676	62383.64	1.6505	5625.75	1.4332	66301.52
171	2205638-132 10X	10.6388	154607.99	11.4882	115822.53	4.2772	71604.48	1.8486	6203.81	1.5390	70536.77
172	2205638-133 10X	10.8799	155883.31	9.8706	98152.85	3.3539	56008.98	2.5492	8528.65	1.4265	65468.03
173	2205638-134 10X	9.1801	131265.88	12.0860	119705.97	4.4814	74566.02	2.0322	6778.99	1.5782	71370.61
174	2205638-135 10X	6.3939	89412.41	9.8756	96414.79	3.1777	53102.15	1.3414	4490.47	1.0150	48613.54
175	2205638-136 10X	19.2029	276366.96	6.1000	61661.06	2.3972	39890.33	4.2755	14238.40	2.1182	90474.47
176	2205638-137 10X	19.1823	280612.72	7.2614	74066.43	2.4340	40606.72	4.2818	14294.57	2.1443	92489.98
177	2205638-138 10X	20.0577	287735.11	6.4124	65537.36	2.4365	40586.62	4.2845	14283.40	2.1943	93438.33
178	2205638-139 10X	22.8314	333065.68	6.3283	65497.16	1.9205	32043.76	3.5365	11798.01	2.2617	95772.11
179	CCV	2.0544	28693.55	9.7211	92667.04	1.0032	17168.41	2.9751	10137.48	50.6391	2016695.54
180	CCB	-0.0003	16.67	0.0031	48.89	0.0004	153.33	-0.0002	0.66	-0.0143	7782.31
181	2205638-140 10X	23.2259	347817.09	6.6646	69930.16	1.8671	31772.15	3.5582	12105.80	2.4899	106313.14
182	2205638-141 10X	24.3736	359804.07	6.4952	67652.98	2.1341	35824.13	3.6996	12422.91	2.5768	110157.18
183	2205638-142 10X	11.4720	166143.11	9.5023	95116.13	3.1287	52154.79	2.2316	7451.07	1.5401	69291.08
184	CCV	2.0025	28015.45	9.7496	93069.73	0.9951	17109.40	3.0658	10495.68	50.6904	2026367.06
185	CCB	-0.0008	10.00	0.0006	26.67	0.0015	174.45	0.0002	2.00	-0.0073	8202.51
186	RINSE	-0.0003	16.67	0.0017	36.67	0.0011	166.67	0.0002	2.00	0.1018	12492.21

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
187	RINSE	-0.0003	16.67	0.0012	31.11	0.0018	176.67	0.0002	2.00	0.0891	11925.09

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0044	91.11	0.0193	53.34	-0.0009	30.00	-0.0004	376.69	0.0001	46.67
2	RINSE	0.0052	96.67	0.0223	60.00	-0.0010	26.67	-0.0005	316.69	0.0001	40.00
3	RINSE	0.0051	96.67	0.0119	33.33	0.0003	63.34	0.0001	390.03	0.0001	26.67
4	BLANK	0.0000	53.33	0.0000	3.33	0.0000	53.34	0.0000	373.36	0.0000	16.67
5	H/1000	0.0299	292.23	0.1156	293.35	0.0326	963.40	0.0323	5037.74	0.0312	5531.26
6	H/100	0.3170	2831.40	1.0491	2870.40	0.2908	8956.39	0.2952	46484.48	0.2935	56297.20
7	H/10	3.0224	28098.63	9.6661	27205.05	2.9850	95592.73	3.0005	483484.01	3.0006	593503.45
8	HIGH	29.9976	268247.87	100.0329	260841.80	30.0016	907391.00	33.5411	4974794.93	33.1394	6038645.53
9	RINSE	0.0035	83.33	0.0080	23.33	-0.0007	33.33	-0.0003	366.69	0.0005	116.67
10	ICV	6.0373	55011.72	19.7051	53995.99	6.0688	194903.54	5.9376	956746.08	6.0228	1191897.90
11	ICB	-0.0011	46.67	0.0117	33.33	-0.0008	33.33	-0.0005	316.68	0.0003	73.34
12	LIV	0.1044	931.16	0.5013	1313.44	0.0481	1470.14	0.0512	8039.23	0.0505	9303.29
13	ICSA	0.0047	98.89	0.0388	106.67	0.0019	116.67	0.0029	823.40	0.0006	133.34
14	ICSAB	3.0804	27556.63	10.0544	26911.07	3.0342	92788.89	3.1041	476255.73	3.0861	581274.41
15	CCV	3.1141	27639.02	9.5818	26069.82	2.9307	92628.22	2.9590	473638.51	2.9946	588309.13
16	CCB	0.0015	65.56	0.0160	43.33	-0.0012	20.00	-0.0003	330.02	0.0001	30.00
17	IP220610-5MB ...	-0.0003	50.00	0.0095	26.67	-0.0012	20.00	0.0000	373.35	0.0006	116.67
18	IM220610-5LCS...	3.0946	26327.87	9.3220	24547.31	3.0143	90117.18	2.9936	456254.58	5.8125	1087532.93
19	2205638-41 10X	0.6339	6198.01	129.8341	355993.38	39.8018	1250184.38	81.5250	13197234.80	9.2851	1846472.99
20	2205638-41L 50X	0.1351	1286.74	25.3307	69933.32	7.8931	246616.40	16.7281	2679892.04	1.6988	334443.16
21	2205638-41MS ...	1.4157	13858.52	141.2684	385646.68	43.8221	1379632.37	86.4589	13845896.87	15.5523	3060314.33
22	2205638-41MSD...	1.3068	12794.27	148.2633	404383.42	42.1568	1340547.58	84.0405	13371174.80	15.3327	2996742.35
23	2205638-41A 10X	3.4949	33483.65	139.3955	374953.79	42.2460	1315852.74	83.7152	13128099.80	12.3889	2386893.19
24	2205638-42 10X	0.7077	7290.68	223.9586	640256.94	45.6484	1510165.96	89.5489	14977079.78	10.2347	2103109.71
25	2205638-43 10X	1.2556	12914.36	312.0374	886097.10	57.9576	1885337.31	112.0011	18791261.80	12.3055	2536296.68
26	2205638-44 10X	0.4702	4743.02	197.4600	565413.75	30.8199	1011311.31	64.3284	10670270.67	7.4819	1524567.79
27	CCV	3.0094	29653.76	9.7702	29332.22	2.9661	100755.33	3.0214	515245.47	3.0198	632183.69
28	CCB	0.0003	64.44	0.0092	30.00	-0.0009	33.33	0.0005	506.70	0.0002	63.33
29	2205638-45 10X	0.3377	3574.90	198.7838	589712.63	29.5033	986622.41	61.8092	10554444.01	7.1568	1500926.90
30	2205638-46 10X	0.3454	3390.41	194.9427	540187.43	28.0580	890442.98	57.2976	9008801.12	6.0550	1169633.63
31	2205638-47 10X	0.2891	2743.62	178.3310	481232.47	26.3795	810366.40	54.7053	8550609.87	5.9805	1148364.46

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2205638-48 10X	0.9623	9160.57	181.4418	489815.84	42.8352	1321871.33	82.4201	13085777.72	8.9044	1737205.44
33	2205638-49 10X	0.9594	9344.02	140.4172	377591.09	52.6881	1611527.73	101.5106	16127062.68	11.1696	2179670.23
34	2205638-50 10X	1.0867	10501.40	204.9418	558989.41	51.1633	1598044.35	96.5019	15387334.77	10.6845	2093310.07
35	2205638-51 10X	1.8857	18224.12	293.3547	791744.94	55.8911	1721064.72	97.0658	15576265.19	10.6696	2103512.83
36	2205638-52 10X	0.4387	4199.51	187.7317	509058.01	29.2924	909374.15	59.6109	9420363.82	6.1695	1197879.88
37	2205638-53 10X	0.2480	2365.77	199.0036	531293.37	25.3515	792587.18	53.9401	8533239.87	5.8331	1133690.19
38	2205638-54 10X	1.1208	10797.19	141.1311	379454.84	42.6527	1318193.45	78.4371	12602141.06	9.1545	1807125.23
39	CCV	3.0539	28984.74	9.7640	28206.69	2.9636	97283.00	3.0156	502615.37	3.0085	615462.07
40	CCB	0.0004	61.11	0.0146	43.33	0.0000	56.67	0.0008	526.71	0.0004	86.67
41	2205638-55 10X	1.6232	16546.68	130.4254	367583.51	55.0667	1756672.16	102.5986	17217568.91	11.2860	2327399.18
42	2205638-56 10X	1.1199	11185.23	225.6533	631790.98	56.3955	1809490.44	105.5559	17565306.41	11.5545	2361983.71
43	2205638-57 10X	1.2865	12853.20	281.5180	770989.28	62.3211	1972585.91	120.7676	19532342.21	13.0507	2593012.04
44	2205638-58 10X	1.1150	10868.34	250.6097	686879.00	51.2829	1603977.89	91.6660	14893766.45	10.4472	2085171.32
45	2205638-59 10X	1.0798	10358.01	264.8351	718212.57	56.5519	1748412.11	98.6007	16556914.34	10.9318	2255606.84
46	2205638-60 10X	0.8980	8960.45	220.1099	601669.60	57.6826	1815870.81	109.4377	17696821.40	12.0961	2403419.91
47	2205638-49 100X	0.0976	937.82	13.8957	38081.35	4.9931	153365.91	10.6840	1709183.98	1.0466	205703.01
48	CCV	3.0342	28788.87	9.6499	27669.18	2.9658	96425.06	2.9793	496586.80	3.0090	615755.85
49	CCB	0.0009	66.67	0.0256	73.34	0.0015	103.34	0.0002	450.03	0.0001	30.00
50	2205638-41 100X	0.0607	621.13	12.5124	35418.58	3.9736	123680.12	7.5563	1253814.64	0.8365	170521.61
51	2205638-41L 5...	0.0089	133.34	2.5037	6615.02	0.8064	23549.05	1.5222	234414.76	0.1697	32054.53
52	2205638-41MS ...	0.1293	1224.51	14.7355	40217.15	4.3653	133203.15	8.0205	1289079.85	1.4259	281469.61
53	2205638-41MSD...	0.1542	1431.20	13.8811	37713.68	4.3747	132055.19	8.1723	1303236.67	1.4243	279005.13
54	2205638-41A 1...	3.1099	27494.19	22.5303	60205.03	7.0700	214422.87	11.8443	1844171.33	3.8383	734315.25
55	CCV	3.0573	28176.60	9.7025	27385.40	2.9176	94344.77	2.9843	489218.33	2.9779	599306.92
56	CCB	-0.0013	45.56	0.0102	30.00	-0.0004	43.33	0.0000	410.02	0.0002	50.00
57	IP220610-6MB ...	-0.0022	36.67	0.0131	36.67	-0.0006	36.67	0.0007	490.03	0.0003	76.67
58	IM220610-6LCS...	3.0765	26844.22	9.3249	24981.33	3.0368	91157.02	3.0182	464171.19	5.9004	1114084.02
59	2205638-62 10X	1.2946	13313.63	261.6024	727518.14	65.7845	2110922.73	121.6544	20399451.78	13.2427	2727896.83
60	2205638-63 10X	1.4694	14422.34	290.3786	800153.09	62.2738	1975714.71	101.5796	16635189.33	10.7961	2171973.20
61	2205638-64 10X	1.5472	15223.07	267.8986	720501.97	70.6138	2180667.47	119.9253	19599860.96	12.9103	2592984.96
62	2205638-65 10X	1.6137	15660.25	271.7377	731994.16	59.4005	1847100.91	98.5010	15932486.43	10.2835	2044084.50

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	2205638-66 10X	1.7753	17208.51	265.5815	717026.21	60.4168	1874025.23	98.8932	16122284.76	10.3763	2078479.08
64	2205638-67 10X	2.0266	19673.69	255.3135	687181.32	60.2253	1879960.60	100.5324	16185977.26	10.4883	2074729.71
65	2205638-68 10X	2.1430	20674.93	294.8401	784507.28	70.4841	2177534.76	117.3194	18855055.14	12.2031	2409490.74
66	2205638-69 10X	1.4656	14124.28	307.0327	820547.49	68.3875	2126565.80	114.0708	18430295.14	11.9012	2362165.12
67	CCV	3.0825	28248.94	9.6131	26881.19	2.9640	93949.53	3.0167	489113.35	3.0206	601141.14
68	CCB	-0.0002	54.44	0.0089	26.67	-0.0006	40.00	0.0004	460.03	0.0003	83.33
69	2205638-70 10X	2.1662	21680.73	294.5415	810129.91	69.0724	2181399.34	113.2808	19062149.72	11.8338	2446700.12
70	2205638-71 10X	0.8982	8789.25	156.1817	435536.51	40.2108	1272717.85	81.6988	13530037.30	9.2718	1886394.35
71	2205638-72 10X	1.0563	10316.87	178.6566	488013.16	50.6600	1574412.94	96.8804	15752888.51	10.8765	2172796.27
72	2205638-73 10X	1.3238	12794.26	239.0961	648227.17	57.5152	1784317.00	100.1872	16434258.92	10.7082	2158133.35
73	2205638-74 10X	1.4010	13438.12	299.3966	805474.15	59.5082	1846654.35	99.8953	16343995.17	10.7716	2165038.93
74	2205638-75 10X	0.8596	9126.12	247.1424	672867.83	127.8444	3985726.09	254.1532	40756260.23	26.9529	5311286.38
75	2205638-76 10X	1.0309	10279.06	235.0753	640551.89	59.8207	1865263.10	111.9397	18107295.15	12.5026	2484867.10
76	2205638-77 10X	1.5410	14784.95	203.1374	557340.24	43.6883	1355724.98	77.8197	12637414.39	8.5155	1699170.76
77	2205638-79 10X	0.9967	9479.67	285.1316	766286.03	49.6247	1540569.46	86.7011	14039167.71	9.3617	1862528.83
78	CCV	3.1125	28803.24	9.7525	27612.59	2.9833	96399.11	2.9845	493525.50	2.9811	605224.96
79	CCB	0.0015	70.00	0.0112	33.33	-0.0006	40.00	0.0013	613.38	0.0002	56.67
80	2205638-80 10X	1.3051	12906.59	241.0888	670934.57	51.5126	1624946.43	92.5042	15213547.69	10.0543	2031489.86
81	2205638-80L 50X	0.2795	2604.71	47.0987	129402.49	9.5381	295719.46	18.6719	3020309.64	1.8330	364294.14
82	2205638-80MS ...	1.9010	18164.07	285.6538	764347.44	54.9952	1691572.06	96.6166	16104775.18	16.4139	3361404.74
83	2205638-80MSD...	1.9036	18191.82	288.6150	771731.94	53.9340	1655324.40	93.3466	14868786.03	15.9243	3116482.46
84	2205638-80A 10X	4.1303	38690.13	255.0760	672696.19	53.9663	1634120.75	94.4229	14896843.95	13.1336	2545853.92
85	CCV	3.0331	27460.90	9.7635	26881.24	2.9497	93214.86	2.9387	476296.85	2.9388	584774.11
86	CCB	-0.0010	46.67	0.0192	53.33	-0.0006	40.00	0.0014	606.71	0.0002	50.00
87	IP220613-1MB ...	-0.0005	50.00	0.0195	53.33	-0.0003	46.67	0.0007	493.36	0.0005	110.01
88	IM220613-1LCS...	3.0366	26282.24	9.2676	25215.10	3.0591	91948.76	2.9564	458329.39	5.7698	1098053.86
89	2205638-81 10X	0.9948	10037.81	197.2225	549409.63	54.8410	1748455.29	108.4761	17914550.56	12.0345	2441561.79
90	2205638-81L 50X	0.2260	2117.96	39.1009	108107.83	10.5300	329044.10	22.3102	3595255.78	2.2270	440934.86
91	2205638-81MS ...	1.6608	16266.39	265.1496	712314.47	60.5376	1866067.78	116.0207	18448968.06	18.4755	3609264.53
92	2205638-81MSD...	1.7614	17204.08	215.4914	581073.51	58.9352	1830308.05	111.8290	17781371.40	18.0056	3518062.55
93	2205638-81A 10X	3.7529	35610.56	207.0883	551745.48	58.2665	1750918.52	112.3781	17544214.74	15.2097	2917601.00

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	2205638-82 10X	1.4179	13764.00	176.5328	488297.40	41.8523	1338515.19	76.6441	12688627.31	8.3278	1693776.07
95	2205638-83 10X	1.3144	12814.31	195.3073	537572.01	43.9622	1381893.52	77.8568	12718186.06	8.5454	1714808.36
96	2205638-84 10X	1.3957	13284.67	198.4562	529872.48	44.9916	1403956.96	81.7370	13279155.63	8.7862	1753635.50
97	CCV	3.0663	27595.57	9.5996	26443.74	2.8944	91675.74	2.9037	470494.43	2.9031	577393.13
98	CCB	-0.0015	42.22	0.0193	53.33	-0.0007	36.67	0.0010	550.04	0.0003	70.00
99	2205638-85 10X	1.4109	13527.10	206.9940	562376.59	46.4980	1453027.01	81.3132	13207173.14	8.9615	1788388.41
100	2205638-86 10X	1.2961	12372.84	188.7706	508933.26	43.0000	1350510.86	76.9261	12516026.48	8.5043	1699828.62
101	2205638-87 10X	1.3669	13032.22	201.0916	541809.23	43.3103	1353379.82	78.1998	12592383.98	8.5969	1701066.69
102	2205638-88 10X	0.9367	8525.79	169.4828	443876.51	35.0723	1074530.04	68.1768	10753274.01	7.1626	1388214.87
103	2205638-88L 50X	0.1940	1726.79	32.7085	85597.14	6.9194	209011.87	13.9234	2174378.92	1.3852	265763.19
104	2205638-88MS ...	1.9720	17892.62	196.0793	503956.43	40.8453	1220180.53	75.0951	11528067.33	13.9346	2627978.71
105	2205638-88MSD...	1.8848	17108.32	179.0556	462310.68	37.0303	1107931.00	68.0141	10393662.14	12.7939	2401855.38
106	2205638-88A 10X	3.7252	33516.03	178.8120	461323.48	37.9530	1137810.61	71.6785	10929574.42	10.6486	1994947.83
107	CCV	3.0685	26643.92	9.9178	26373.60	2.8779	89141.08	2.9359	464667.39	2.9196	567249.62
108	CCB	-0.0004	52.22	0.0254	70.00	0.0012	93.34	0.0016	643.38	0.0003	83.34
109	2205638-90 10X	0.8600	8062.19	170.6800	453706.56	38.3073	1172278.89	76.8659	12213629.82	8.6023	1679484.82
110	2205638-90L 50X	0.1910	1739.01	34.5075	91376.03	7.6505	233818.93	15.9566	2525327.46	1.5784	306831.15
111	2205638-90MS ...	1.6232	15084.09	193.2808	509123.82	43.3363	1320214.62	85.2542	13289597.30	14.7755	2830169.12
112	2205638-90MSD...	1.8403	17048.34	208.3101	544568.57	47.6744	1423381.33	93.3084	14440724.37	16.1240	3065899.33
113	2205638-90A 10X	3.6802	33264.29	175.2983	453590.75	39.4331	1183167.01	76.5053	11859450.24	11.2805	2148389.81
114	2205638-91 10X	1.0723	10281.27	145.0966	397640.27	33.6623	1063169.02	63.6699	10392020.68	6.4034	1284116.96
115	2205638-92 10X	1.1506	11165.25	201.4876	551753.81	42.1724	1321149.51	80.1537	12941505.23	8.7874	1743705.34
116	2205638-93 10X	1.0648	10262.39	163.6310	447840.43	40.0700	1258301.62	78.4417	12563227.73	8.7662	1724641.54
117	2205638-94 10X	1.1850	11412.05	203.8042	544299.59	46.4481	1440659.41	90.7010	14482319.78	10.0582	1973252.99
118	2205638-95 10X	0.6734	6355.85	199.8324	536931.40	37.7133	1161852.20	78.3537	12414248.15	8.7388	1701111.43
119	CCV	3.0659	27344.06	9.2663	25432.00	2.9300	92068.21	2.9728	477721.53	2.9532	582630.55
120	CCB	-0.0019	40.00	0.0089	26.67	0.0010	86.67	0.0011	573.37	0.0004	90.00
121	2205638-96 10X	0.4763	4612.97	204.9886	567033.23	33.2634	1038387.95	69.4170	11192957.75	8.0884	1602008.99
122	2205638-97 10X	0.8283	8001.05	186.7590	509966.93	35.7119	1125518.63	71.9905	11745864.82	8.0412	1611542.01
123	2205638-98 10X	0.8397	8076.65	207.6397	563829.90	37.8618	1179188.60	75.0662	12031543.57	8.5826	1690179.77
124	2205638-99 10X	0.9961	9361.81	183.1825	492182.49	35.6350	1110131.94	69.2949	10975827.34	7.4564	1450993.78

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
125	2205638-100 10X	0.7627	7208.42	229.1067	609480.52	35.5433	1092641.05	70.7528	11169674.00	7.9992	1551356.70
126	CCV	3.0056	26746.29	9.5810	26006.02	2.9165	90790.21	2.9474	467772.78	2.9454	573966.14
127	CCB	-0.0020	38.89	0.0410	110.01	-0.0001	53.33	0.0015	623.37	0.0005	106.67
128	IP220613-2MB ...	-0.0009	47.78	0.0077	23.33	0.0001	60.00	0.0004	456.70	0.0001	40.00
129	IM220613-2LCS...	3.0254	26364.58	9.1753	24603.88	2.9868	89873.50	2.9717	460314.95	5.7799	1099027.54
130	IM220613-2LCS...	3.0546	26799.70	9.2739	25278.29	2.9675	91484.98	2.9330	467766.46	5.7153	1119058.63
131	2205638-101 10X	1.1097	9113.89	195.1754	458882.88	37.1063	1007075.09	72.6148	11010077.13	7.8483	1463850.55
132	2205638-102 10X	1.1077	9675.31	215.4985	530308.19	40.1914	1149622.80	79.7013	11742796.91	8.8185	1596032.79
133	2205638-103 10X	1.1375	10068.93	174.3427	439803.85	35.1863	1037792.80	70.5949	10547711.92	8.1838	1501944.98
134	2205638-104 10X	0.7934	7145.07	217.4909	567796.24	39.0499	1153009.56	79.5043	12061003.15	9.1303	1701556.90
135	2205638-105 10X	1.1230	10114.49	190.2633	495235.45	37.6186	1122650.27	74.3293	11318540.25	8.2890	1550434.51
136	2205638-106 10X	0.7792	7209.53	195.2621	508063.61	48.7623	1461337.59	99.9705	15350429.35	11.3187	2135256.84
137	2205638-107 10X	1.4261	13100.09	184.9050	483298.89	44.2042	1346483.52	86.0868	13256977.72	9.6299	1821743.26
138	CCV	3.0512	26347.82	9.4974	25195.01	2.8786	88896.99	2.9270	459042.02	2.9137	560979.67
139	CCB	-0.0015	40.00	0.0275	70.00	-0.0005	40.00	0.0011	520.04	0.0005	103.34
140	2205638-108 10X	0.6603	6019.01	187.8573	487035.03	40.8532	1213700.03	83.2804	12864317.73	9.9109	1881196.69
141	2205638-109 10X	0.5350	4860.83	169.1403	442107.91	32.7254	984749.96	65.8729	10341233.81	7.2934	1407913.36
142	2205638-110 10X	0.6892	6339.15	200.7747	527816.63	41.9981	1268218.21	86.1641	13395546.47	9.6548	1844175.76
143	2205638-111 10X	1.0477	9521.94	208.4824	535551.18	41.0957	1223022.93	80.0926	12448574.82	8.9947	1717798.98
144	2205638-112 10X	0.7731	6931.63	191.4971	494692.25	35.6844	1062987.77	72.7001	11115645.67	8.3459	1567654.77
145	2205638-113 10X	1.4143	12883.25	213.3023	559080.16	39.6204	1204679.51	74.7902	11567850.25	8.2497	1567703.21
146	2205638-115 10X	2.5059	22556.51	259.2925	666321.68	43.9892	1314091.83	79.1063	12495004.81	8.3375	1618261.28
147	2205638-116 10X	1.2569	11261.98	194.5839	499299.85	37.8916	1138156.44	72.2358	11131759.83	8.0114	1517206.12
148	2205638-117 10X	1.1661	10680.44	214.2807	554400.16	37.9106	1142136.52	75.0151	11509581.08	8.3306	1570658.31
149	2205638-118 10X	1.4516	13018.90	187.3502	481941.53	35.5515	1071866.29	69.2683	10665994.42	7.6606	1449518.00
150	CCV	3.0432	25951.72	9.5151	25108.10	2.8743	88014.89	2.9398	458157.92	2.9309	560691.14
151	CCB	-0.0019	37.78	0.0320	83.34	0.0003	63.33	0.0021	700.05	0.0004	83.34
152	2205638-119 10X	1.0211	9375.18	172.4182	451380.48	36.8676	1117551.13	73.9462	11630211.08	8.4028	1623797.42
153	2205638-120 10X	1.0821	9944.40	191.9761	501579.11	40.6995	1244916.99	78.4224	12341080.65	8.7700	1695457.95
154	2205638-121 10X	1.1906	10943.97	196.9407	514015.17	48.7858	1478326.02	93.4188	14556797.28	10.7559	2058697.11
155	CCV	2.9929	25613.30	9.6337	25178.16	2.8689	87029.18	2.9320	458207.08	2.9108	558508.21

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
156	CCB	-0.0027	31.11	0.0309	80.01	-0.0003	46.67	0.0013	590.04	0.0004	90.01
157	IP220613-3MB ...	-0.0011	44.44	0.0186	50.00	0.0004	66.67	0.0016	626.71	0.0003	70.00
158	IM220613-3LCS...	3.0028	25095.85	8.9330	23532.20	2.8874	86958.36	2.8737	443869.43	5.6005	1061827.48
159	IM220613-3LCS...	3.0639	26333.40	9.4166	25338.42	2.9478	90626.55	2.9248	466050.24	5.6954	1114010.63
160	2205638-122 10X	1.1573	10651.55	193.1802	508746.92	40.8299	1268528.81	81.0649	13001051.47	8.9662	1766560.75
161	2205638-123 10X	1.1404	10558.14	196.8686	511625.64	44.9320	1364949.35	88.1279	13975767.71	9.7385	1897635.08
162	2205638-124 10X	0.9775	9046.04	182.9656	483963.31	39.8512	1224225.45	78.5685	12341257.32	8.6410	1667414.51
163	2205638-125 10X	1.0280	9468.53	180.6813	471025.71	40.4419	1231292.95	80.6607	12662497.31	8.9656	1728946.54
164	2205638-126 10X	0.6814	6252.45	197.8282	519083.66	36.4743	1123038.34	74.5392	11799898.15	8.5504	1663053.15
165	2205638-128 10X	0.6447	5975.66	191.4384	500630.32	35.5755	1095645.87	75.8998	11945346.90	8.6727	1676974.56
166	2205638-129 10X	1.1670	10989.55	171.6360	449657.23	56.2093	1722807.89	105.5418	16739506.00	11.5647	2253497.15
167	CCV	3.0375	26089.70	9.5720	25311.70	2.8323	88031.93	2.9227	458230.27	2.9198	562056.93
168	CCB	-0.0013	45.56	0.0253	70.00	0.0008	83.34	0.0014	626.71	0.0005	113.34
169	2205638-130 10X	1.2801	12161.54	184.8136	493367.09	59.9459	1833612.47	112.5508	17919960.15	12.4468	2434871.53
170	2205638-131 10X	1.9798	18158.48	189.7981	499987.11	40.1445	1239306.83	68.0160	10913004.84	6.7066	1321903.73
171	2205638-132 10X	2.4830	22409.57	170.3120	441753.29	37.6761	1150709.49	59.6781	9513950.69	5.7941	1134982.90
172	2205638-133 10X	2.1877	19478.94	157.8994	408327.12	38.2675	1163972.90	62.8738	10150142.56	6.0413	1198225.69
173	2205638-134 10X	2.6193	23220.68	172.6520	445091.92	37.5602	1136734.75	57.9303	9250173.82	5.4097	1061348.19
174	2205638-135 10X	1.8235	15951.67	108.1641	279837.17	34.2936	1038625.30	51.5959	8222705.29	4.6833	916909.57
175	2205638-136 10X	1.5537	14079.85	181.3197	466744.07	59.6608	1803412.11	107.1958	16845988.50	11.5881	2237494.97
176	2205638-137 10X	1.5601	14267.75	181.7389	469063.42	57.0495	1742149.56	107.2107	16864003.50	11.6117	2244337.21
177	2205638-138 10X	1.6789	15377.75	182.2577	469646.41	59.3765	1794018.26	108.5505	17035645.58	11.8823	2291596.48
178	2205638-139 10X	1.7343	16083.97	204.1519	526438.82	68.7000	2079760.65	128.7138	19869842.62	14.0692	2668283.29
179	CCV	3.0327	25867.06	9.4043	24770.80	2.8307	86644.20	2.8911	451409.79	2.8794	551827.62
180	CCB	-0.0017	41.11	0.0373	100.01	0.0011	90.00	0.0016	646.71	0.0003	76.67
181	2205638-140 10X	1.7446	16403.21	204.8244	538638.73	69.1967	2107675.12	129.5699	20451814.28	14.2382	2761468.29
182	2205638-141 10X	1.6380	15294.28	243.1282	631038.95	71.4414	2162616.43	132.9454	20971965.52	14.5184	2814495.16
183	2205638-142 10X	2.1319	19110.75	162.3483	419049.38	39.4121	1201884.88	65.7708	10489772.55	6.3396	1242347.51
184	CCV	3.0232	25823.71	9.2034	24356.72	2.8270	86871.63	2.8873	453826.78	2.8784	555483.06
185	CCB	-0.0026	34.45	0.0139	40.00	0.0012	93.34	0.0014	616.71	0.0005	113.34
186	RINSE	-0.0009	47.78	0.0242	66.67	0.0013	93.34	0.0005	483.37	0.0004	90.01

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
187	RINSE	-0.0013	44.45	0.0152	43.33	0.0014	96.67	0.0001	410.02	0.0003	70.00

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0001	33.33	0.0000	17.62	-0.0037	920.07	0.0036	108.89	-0.0003	5.55
2	RINSE	0.0008	53.33	0.0000	17.14	0.0013	1090.08	0.0030	91.11	-0.0001	12.22
3	RINSE	0.0001	30.00	0.0001	20.95	-0.0028	943.40	0.0018	53.33	-0.0003	5.56
4	BLANK	0.0000	26.67	0.0000	17.14	0.0000	1033.40	0.0015	44.44	0.0000	15.55
5	H/1000	0.0271	893.40	0.0017	61.91	0.0556	3136.98	0.0217	641.14	0.0098	364.46
6	H/100	0.2868	9723.54	0.0174	511.92	0.4947	21477.26	0.0837	2707.04	0.0970	3796.11
7	H/10	2.9066	102992.29	0.2021	6026.50	5.1114	220889.26	1.0016	34287.30	0.9840	40108.84
8	HIGH	30.0095	1002574.28	1.9998	56177.77	49.9889	2031704.96	10.0000	377759.08	10.0016	385122.56
9	RINSE	-0.0001	26.67	0.0008	39.05	0.0014	1116.75	0.0077	234.45	-0.0002	11.11
10	ICV	6.0187	212076.93	0.4013	11985.86	9.7405	421251.21	1.7893	61442.99	1.9632	80264.72
11	ICB	0.0010	60.00	0.0004	28.10	-0.0038	946.72	0.0010	30.00	-0.0003	5.56
12	LIV	0.0479	1580.17	0.0093	272.86	0.2043	9168.32	0.0193	598.92	0.0094	370.01
13	ICSA	0.0016	80.00	0.0009	43.81	0.0049	1326.76	0.0032	101.11	-0.0002	11.11
14	ICSAB	2.9892	101420.50	0.2069	5891.21	5.2012	214656.75	1.1501	37428.39	1.0142	39480.47
15	CCV	2.9727	103299.53	0.2010	5914.55	5.1007	217522.75	1.0462	35021.41	0.9774	39313.39
16	CCB	-0.0001	23.33	0.0002	23.33	-0.0053	863.39	0.0009	26.67	-0.0003	5.56
17	IP220610-5MB ...	0.0008	50.00	0.0001	19.05	0.0025	1136.74	0.0008	24.44	-0.0003	5.55
18	IM220610-5LCS...	2.9348	96986.67	0.2086	5805.46	5.0537	203899.61	0.9496	30374.21	0.9893	37644.60
19	2205638-41 10X	31.7361	1103739.83	0.3018	8822.68	213.1015	8991339.76	6.7780	261092.83	2.2293	89162.42
20	2205638-41L 50X	6.3167	217265.52	0.0577	1692.02	41.4454	1740180.36	1.4319	48933.59	0.4415	17576.35
21	2205638-41MS ...	35.3981	1208603.26	0.5035	14740.72	213.6870	9037236.79	6.7789	262167.51	3.1970	128153.62
22	2205638-41MSD...	34.8247	1186466.60	0.4878	14424.20	212.7311	9086779.71	6.8772	266759.05	3.1443	127308.41
23	2205638-41A 10X	34.6694	1175176.78	0.5026	14556.24	213.5666	8936223.72	7.7227	300394.40	3.2037	127084.86
24	2205638-42 10X	34.2137	1244921.57	0.3031	9333.46	139.8582	6217320.06	4.8482	186392.57	2.0980	88405.36
25	2205638-43 10X	46.0446	1645510.81	0.4068	12308.98	267.1219	11672757.54	8.3357	345670.56	3.0925	128110.04
26	2205638-44 10X	25.6586	923072.25	0.2449	7481.93	80.2136	3535974.66	5.4464	212379.27	1.6280	68017.36
27	CCV	2.9379	109778.46	0.2017	6379.98	5.1346	235426.46	1.0485	37304.64	0.9781	42300.63
28	CCB	-0.0001	26.67	0.0002	27.14	0.0003	1220.09	0.0008	25.56	-0.0003	6.66
29	2205638-45 10X	24.7791	913419.88	0.2352	7323.76	75.9127	3411417.14	5.1398	200604.40	1.6491	70234.35
30	2205638-46 10X	22.7179	769222.75	0.2227	6582.46	87.2525	3721102.81	2.3009	80525.33	1.5772	63740.66
31	2205638-47 10X	22.1691	748896.27	0.2146	6141.32	62.6233	2584733.25	3.3551	116536.36	1.4481	56649.99

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2205638-48 10X	29.8930	1016326.99	0.3316	9521.20	208.3210	8635375.91	4.8635	175427.82	2.5912	101830.39
33	2205638-49 10X	37.9390	1291819.49	0.3892	11073.73	260.6750	10711193.38	6.6866	251838.46	3.4039	132570.49
34	2205638-50 10X	35.8922	1238403.97	0.3504	10182.11	242.8742	10190551.83	6.3520	242831.47	2.3327	92781.86
35	2205638-51 10X	36.8115	1257379.78	0.4338	12422.88	426.8611	17655024.64	8.2083	324754.22	3.7556	147243.70
36	2205638-52 10X	22.5153	772554.62	0.2327	6728.71	105.1686	4386093.30	4.0228	145112.76	1.7456	69002.87
37	2205638-53 10X	21.7024	739499.44	0.2023	5889.77	53.8865	2263779.42	4.0565	145062.79	1.3361	53220.24
38	2205638-54 10X	31.5596	1073218.16	0.4869	13991.44	434.8858	18052555.15	8.0107	315696.64	3.0350	119428.96
39	CCV	2.9645	107606.69	0.2008	6137.49	5.1196	226838.40	1.0617	36862.67	0.9830	41074.78
40	CCB	0.0004	43.33	0.0000	18.10	0.0087	1470.12	0.0014	45.56	0.0000	15.56
41	2205638-55 10X	40.6747	1448842.79	0.4896	14523.36	448.5548	19220160.03	7.4873	302778.09	3.7844	153713.86
42	2205638-56 10X	42.3166	1499201.96	0.3329	9940.52	192.9757	8317779.04	3.2732	119433.84	2.1777	88979.20
43	2205638-57 10X	48.6754	1688948.57	0.3937	11590.78	233.5577	9931190.22	7.5788	297247.95	2.8142	113442.97
44	2205638-58 10X	36.3075	1247386.08	0.4515	13136.37	359.4012	15100762.90	6.1076	231699.79	2.8822	114808.02
45	2205638-59 10X	38.2912	1391352.92	0.5136	14763.60	451.1087	18732382.95	5.8225	218994.14	3.5564	139994.89
46	2205638-60 10X	44.8118	1534835.60	0.3606	10562.87	257.1948	10876310.31	6.5569	251109.94	2.2905	91826.75
47	2205638-49 100X	3.7824	130949.17	0.0372	1081.48	25.5111	1053187.00	0.6888	22753.62	0.3309	12949.27
48	CCV	2.9603	107221.21	0.2023	6122.73	5.1181	224570.98	1.0532	36150.82	0.9720	40228.22
49	CCB	-0.0005	13.33	0.0001	20.48	0.0138	1693.46	0.0016	50.00	-0.0002	10.00
50	2205638-41 100X	3.1505	111184.68	0.0267	790.98	20.5153	858391.57	0.6684	22436.48	0.2177	8643.80
51	2205638-41L 5...	0.6242	20778.21	0.0057	171.43	4.0639	160189.32	0.1225	3813.90	0.0402	1508.99
52	2205638-41MS ...	3.5297	119796.08	0.0470	1351.03	21.5749	885098.38	0.7246	23633.88	0.3221	12525.56
53	2205638-41MSD...	3.5001	118528.78	0.0476	1351.02	21.0898	855720.26	0.7056	22860.38	0.3095	11905.01
54	2205638-41A 1...	6.3217	212403.63	0.2269	6407.62	25.9003	1055990.39	1.7663	58004.82	1.1961	46199.11
55	CCV	2.9374	104206.41	0.1990	5990.77	5.0269	219401.96	1.0537	35463.59	0.9667	39795.71
56	CCB	-0.0001	23.33	0.0006	33.81	0.0089	1453.44	0.0010	30.00	0.0000	15.55
57	IP220610-6MB ...	0.0006	46.67	0.0003	24.76	0.0200	1813.48	0.0012	34.44	0.0001	20.00
58	IM220610-6LCS...	2.9665	99150.62	0.1964	5489.15	5.0834	205943.48	0.9569	30811.83	0.9847	37622.25
59	2205638-62 10X	49.4719	1764214.40	0.3922	11705.17	380.9387	16420425.07	9.4212	393135.83	2.6600	108691.85
60	2205638-63 10X	36.5629	1263351.38	0.5121	15107.29	438.4710	18686339.51	8.5876	355374.75	3.1524	127354.34
61	2205638-64 10X	47.3547	1637733.10	0.5890	16907.77	625.5628	25945603.78	9.4983	392246.02	3.3048	129931.13
62	2205638-65 10X	34.7509	1183995.53	0.5068	14651.58	488.5087	20403140.63	7.1048	278968.15	2.7725	109783.53

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	2205638-66 10X	35.0988	1205347.46	0.5159	14879.44	495.2966	20636738.13	6.9596	271166.33	2.8736	113511.34
64	2205638-67 10X	35.1948	1202450.27	0.5080	14743.58	486.9807	20417377.93	6.7517	262597.08	2.7742	110265.24
65	2205638-68 10X	44.4201	1490186.96	0.6219	17860.34	661.7781	27461807.09	8.1717	324988.57	3.4890	137238.10
66	2205638-69 10X	42.4457	1436402.06	0.5846	16898.72	641.6813	26799408.35	8.5393	345200.92	3.3080	130966.47
67	CCV	2.9821	105229.37	0.2049	6046.03	5.2263	223548.48	1.0500	35706.31	0.9925	40048.62
68	CCB	0.0006	46.67	0.0002	23.33	0.0277	2183.51	0.0010	30.00	-0.0003	4.44
69	2205638-70 10X	42.4424	1501722.63	0.5857	17200.98	657.1455	27883191.46	8.2284	336755.22	3.3478	134647.24
70	2205638-71 10X	31.2542	1114690.51	0.2381	7017.42	91.5977	3895417.73	5.0672	190884.68	1.8435	74313.30
71	2205638-72 10X	37.2396	1288431.96	0.2787	8065.09	148.5675	6204242.85	7.0047	266541.40	2.0722	82038.80
72	2205638-73 10X	36.7985	1278337.40	0.4123	11896.26	338.3840	14100918.64	6.2588	239766.70	2.6702	105484.02
73	2205638-74 10X	36.8681	1266738.42	0.5640	16270.91	628.4446	26194131.90	8.7256	352660.34	3.2684	129157.84
74	2205638-75 10X	95.2461	3293420.79	0.4326	12544.39	176.5346	7393294.37	15.2613	703838.08	3.3622	133479.12
75	2205638-76 10X	45.7923	1583231.38	0.3812	11055.59	234.4221	9818773.71	8.1108	321649.35	2.1269	84455.18
76	2205638-77 10X	28.3071	987237.62	0.3539	10217.87	289.2194	12056270.55	4.2103	152301.34	2.1880	86474.65
77	2205638-79 10X	31.7190	1093362.20	0.4707	13591.54	491.5426	20500756.99	7.3874	288848.15	2.3391	92489.21
78	CCV	2.9232	105234.54	0.2036	6124.64	5.1979	226635.21	1.0574	36158.52	0.9861	40560.16
79	CCB	0.0009	60.00	0.0005	30.95	0.0362	2550.25	0.0015	45.55	-0.0003	6.67
80	2205638-80 10X	33.6867	1179395.14	0.3747	10995.57	281.4652	11924648.26	6.2922	242283.76	2.1204	85164.60
81	2205638-80L 50X	6.7780	231175.99	0.0756	2194.94	54.7244	2279754.76	1.3253	45055.61	0.4203	16606.31
82	2205638-80MS ...	38.7688	1374137.14	0.5762	16476.83	284.1472	11739811.02	7.5503	294661.23	3.1280	122505.06
83	2205638-80MSD...	36.4176	1239353.34	0.5875	16763.83	284.1576	11714713.27	7.4751	291854.86	3.1605	123513.29
84	2205638-80A 10X	36.8175	1241075.35	0.5857	16485.42	288.8826	11749396.49	7.2659	277458.72	3.1305	120692.09
85	CCV	2.8742	100269.91	0.2037	5995.06	5.1600	220076.97	1.0466	35251.93	0.9873	39717.73
86	CCB	0.0021	96.67	-0.0001	16.19	0.0337	2420.20	0.0017	51.11	-0.0003	6.67
87	IP220613-1MB ...	0.0010	56.67	0.0000	16.67	0.0264	2093.50	0.0012	35.56	-0.0004	3.33
88	IM220613-1LCS...	2.9042	96979.30	0.2041	5711.14	5.0838	206227.33	0.9735	31312.83	0.9914	37927.48
89	2205638-81 10X	44.9411	1567895.13	0.3732	11068.00	226.8516	9714968.97	8.6974	356873.28	2.2481	91266.48
90	2205638-81L 50X	8.2910	283732.89	0.0751	2199.71	44.1129	1852320.40	1.9277	66286.41	0.4521	17999.04
91	2205638-81MS ...	48.4997	1669154.71	0.5962	17084.66	243.0477	10062525.17	11.0937	461473.85	3.4058	133670.91
92	2205638-81MSD...	47.3866	1621976.02	0.5800	16746.66	235.2375	9814591.89	10.1012	411195.48	3.2279	127663.46
93	2205638-81A 10X	47.2389	1583643.41	0.5850	16342.41	232.4011	9381048.51	9.6408	385239.88	3.2932	126004.64

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	2205638-82 10X	27.9791	986963.37	0.3783	11255.29	328.7789	14123629.37	6.3327	248479.74	2.2807	92877.19
95	2205638-83 10X	29.3344	1013394.57	0.4387	12826.57	440.9806	18620168.16	6.6165	254875.19	2.3388	93620.41
96	2205638-84 10X	29.9233	1032269.86	0.4336	12584.92	447.8599	18774276.59	6.5119	251137.40	2.3740	94333.02
97	CCV	2.8699	100707.19	0.2026	5974.09	5.1259	219121.74	1.0313	35073.59	0.9867	39787.04
98	CCB	0.0002	33.33	0.0001	20.95	0.0313	2326.86	0.0010	32.22	-0.0004	3.33
99	2205638-85 10X	29.7346	1028884.52	0.4343	12623.04	452.7233	19002965.87	6.6433	258396.00	2.4290	96652.32
100	2205638-86 10X	29.0757	989738.60	0.4227	12347.58	423.9432	17883514.21	7.2144	285757.98	2.3071	92262.41
101	2205638-87 10X	29.0499	999141.47	0.4365	12684.99	443.1456	18599533.05	6.4783	250740.73	2.3595	93891.59
102	2205638-88 10X	25.7445	866868.43	0.2791	7960.27	184.7872	7604841.66	4.2292	150611.55	2.0544	80148.92
103	2205638-88L 50X	5.1222	169783.67	0.0533	1512.47	35.9477	1459225.58	0.8819	28437.51	0.4096	15763.14
104	2205638-88MS ...	29.6439	973118.61	0.4997	13879.88	197.1880	7913014.57	4.8772	172447.04	3.1638	120347.37
105	2205638-88MSD...	27.0359	890729.10	0.4737	13178.77	186.1999	7484480.67	4.6504	163025.18	2.8739	109489.88
106	2205638-88A 10X	28.8442	940032.02	0.4764	13280.77	189.9583	7650032.91	5.2222	185789.85	3.0220	115363.38
107	CCV	2.9099	98924.66	0.1975	5695.42	5.0684	211882.44	1.0418	34479.05	0.9755	38463.35
108	CCB	-0.0003	16.67	0.0004	29.52	0.0347	2466.88	0.0011	33.33	-0.0002	8.89
109	2205638-90 10X	29.3581	999459.39	0.3002	8552.04	198.0588	8142437.27	5.3895	199082.76	1.9545	76177.13
110	2205638-90L 50X	5.8695	196675.28	0.0606	1737.74	37.9333	1558042.48	1.1180	37170.53	0.3904	15208.11
111	2205638-90MS ...	33.6611	1126353.27	0.5104	14458.56	204.9351	8386511.96	7.0409	264808.16	2.9354	113867.37
112	2205638-90MSD...	36.9561	1224458.73	0.5356	14867.98	222.3988	8920546.12	7.3757	280576.57	3.2160	122268.87
113	2205638-90A 10X	31.2850	1039597.36	0.4925	13740.25	192.6018	7762568.48	6.0897	221389.51	2.8429	108633.42
114	2205638-91 10X	23.2284	812581.94	0.2696	7926.46	200.6386	8511706.75	3.0589	108189.89	1.8359	73833.89
115	2205638-92 10X	29.7909	1029889.54	0.3438	10020.10	219.5245	9238834.34	5.9391	221118.13	2.3566	94015.68
116	2205638-93 10X	29.6268	1015596.94	0.3043	8893.67	176.7068	7454354.16	5.4812	203645.57	2.1091	84330.76
117	2205638-94 10X	34.6317	1182201.33	0.3681	10622.42	248.7222	10364584.84	7.7185	302283.81	2.5565	100985.19
118	2205638-95 10X	30.1584	1025538.22	0.2331	6688.69	93.0488	3851384.76	5.4278	198315.81	1.6828	66021.27
119	CCV	2.9061	100237.25	0.1964	5746.87	5.0916	215929.93	1.0448	35095.99	0.9731	38925.78
120	CCB	0.0023	103.34	-0.0001	16.19	0.0360	2530.23	0.0017	53.33	-0.0002	8.89
121	2205638-96 10X	27.8624	967319.31	0.2216	6442.39	75.5461	3168468.53	6.0178	229086.32	1.6155	64220.19
122	2205638-97 10X	27.4402	950053.21	0.2864	8400.04	156.0910	6608455.21	4.3391	157976.89	1.8054	72457.14
123	2205638-98 10X	29.4972	1011257.15	0.3085	8944.66	174.6830	7308815.93	5.8000	215829.28	1.8833	74694.12
124	2205638-99 10X	25.7832	886200.79	0.2840	8237.56	157.2527	6581195.17	4.8997	177566.55	2.0290	80503.24

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
125	2205638-100 10X	28.6718	960493.27	0.3052	8730.71	146.5301	6051081.47	6.1171	227255.03	2.1339	83529.19
126	CCV	2.9000	100202.60	0.1976	5728.76	5.1217	215148.21	1.0246	34155.97	0.9672	38320.74
127	CCB	0.0003	36.67	0.0002	22.86	0.0265	2160.17	0.0012	36.67	-0.0001	12.22
128	IP220613-2MB ...	0.0009	56.67	0.0003	25.24	0.0289	2223.51	0.0014	42.22	-0.0004	2.22
129	IM220613-2LCS...	2.9273	97663.91	0.2063	5778.79	5.0774	206221.96	0.9528	30992.31	0.9919	37993.14
130	IM220613-2LCS...	2.8648	98750.73	0.2048	5879.29	4.9630	206544.99	0.9538	31223.94	0.9899	38867.68
131	2205638-101 10X	27.2873	881112.56	0.3168	8001.25	145.3325	5298414.95	4.2954	136913.61	2.2335	77183.19
132	2205638-102 10X	30.3640	950672.38	0.3338	8881.75	165.3818	6354878.63	5.1568	176572.93	2.4694	89942.42
133	2205638-103 10X	28.4191	901037.25	0.2583	7093.64	107.7899	4271637.41	4.2707	146425.15	1.9081	71677.30
134	2205638-104 10X	31.1539	1032017.14	0.3016	8287.12	115.6404	4586894.67	6.7232	243294.23	2.1578	81126.25
135	2205638-105 10X	27.7708	908995.95	0.2917	8101.31	168.0629	6737729.53	4.6263	162130.02	2.0715	78721.78
136	2205638-106 10X	38.9706	1285484.12	0.2774	7740.63	128.3463	5167592.87	6.4724	236931.41	2.3086	88113.15
137	2205638-107 10X	32.4969	1079721.21	0.3072	8708.32	189.4028	7749671.14	3.7567	130915.14	2.2125	85815.33
138	CCV	2.9098	98127.70	0.1995	5733.99	5.0460	210351.18	1.0413	34241.67	0.9639	37895.06
139	CCB	0.0013	66.67	0.0001	19.52	0.0267	2000.15	0.0013	38.89	-0.0003	5.55
140	2205638-108 10X	34.1162	1114786.00	0.2773	7667.26	109.1210	4355445.97	6.3705	230576.23	1.9674	74428.85
141	2205638-109 10X	25.9635	864616.37	0.2307	6464.80	84.8716	3431396.51	3.6134	125076.11	1.9307	73983.38
142	2205638-110 10X	33.0404	1101464.28	0.2793	7850.68	127.8707	5187682.09	5.2707	189922.24	2.1009	80787.34
143	2205638-111 10X	30.7988	1023180.04	0.3197	8853.64	192.9011	7711922.96	4.6741	165202.21	2.2325	84609.21
144	2205638-112 10X	28.9207	945049.49	0.2610	7238.95	114.7078	4590420.46	6.1688	223652.55	1.7622	66846.21
145	2205638-113 10X	28.3065	933131.55	0.3543	10024.88	660.1964	26971854.39	4.2769	151909.96	2.6236	101626.92
146	2205638-115 10X	28.9932	955089.33	0.4697	13047.70	524.0718	21028450.42	7.5752	292056.62	3.0348	115438.49
147	2205638-116 10X	27.2380	894762.33	0.3176	8878.42	166.1181	6702681.94	3.1791	107370.06	2.0775	79467.16
148	2205638-117 10X	28.4606	940584.28	0.3342	9369.68	178.9210	7240887.86	4.6843	165141.91	2.2293	85520.09
149	2205638-118 10X	27.1302	889092.67	0.3582	10046.78	259.1576	10495477.65	6.9929	260215.17	2.2099	84841.33
150	CCV	2.9148	98381.82	0.1966	5606.34	5.0731	209656.62	1.0350	33713.82	0.9826	38297.24
151	CCB	0.0000	26.67	0.0001	20.00	0.0324	2323.54	0.0013	37.78	-0.0004	2.22
152	2205638-119 10X	29.3001	973107.85	0.3416	9634.14	184.4136	7509628.43	7.2575	275430.08	2.3494	90687.20
153	2205638-120 10X	29.9228	1002235.71	0.3131	8909.88	140.4755	5772197.44	4.5171	161455.55	2.0891	81366.47
154	2205638-121 10X	37.0188	1227131.73	0.3385	9544.08	174.9054	7120703.33	6.2301	230224.99	2.3315	89973.73
155	CCV	2.8339	96506.90	0.2011	5680.64	5.0743	207760.81	1.0548	34161.48	0.9855	38060.06

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
156	CCB	0.0013	70.00	0.0003	25.71	0.0336	2333.52	0.0018	53.33	-0.0003	6.66
157	IP220613-3MB ...	0.0009	56.67	0.0001	21.43	0.0244	2003.48	0.0009	27.78	-0.0003	6.67
158	IM220613-3LCS...	2.8003	93283.75	0.1902	5335.28	4.9955	203046.64	0.9398	30423.21	0.9706	37203.52
159	IM220613-3LCS...	2.8701	98365.19	0.2065	5911.70	5.0277	208635.54	0.9488	30914.25	0.9908	38775.28
160	2205638-122 10X	30.3190	1041767.07	0.3181	9196.71	192.6257	8039368.00	4.4388	160269.71	1.9882	78658.95
161	2205638-123 10X	33.5298	1127611.21	0.3631	10262.65	233.5810	9531496.11	7.4160	285879.71	2.3583	91223.38
162	2205638-124 10X	29.7187	1003299.18	0.3021	8633.99	182.3018	7522976.61	4.8991	178146.92	2.0352	79617.81
163	2205638-125 10X	30.9216	1033191.24	0.3083	8734.52	201.0908	8224552.69	4.9456	179035.69	2.1072	81704.03
164	2205638-126 10X	29.7168	998006.76	0.2447	7015.03	103.8646	4296708.08	4.6522	169554.17	1.5979	62652.16
165	2205638-128 10X	30.0493	1010781.26	0.2439	6994.56	130.3230	5392217.29	6.1704	229178.79	1.7143	67238.96
166	2205638-129 10X	39.4973	1336766.34	0.3333	9504.99	179.5001	7390400.93	6.2777	234641.78	2.1269	83011.85
167	CCV	2.8921	97405.63	0.1959	5671.12	5.0672	212566.85	1.0486	34750.69	0.9733	38505.61
168	CCB	0.0009	60.00	0.0002	23.81	0.0285	2290.20	0.0008	24.45	-0.0003	4.44
169	2205638-130 10X	45.2724	1558272.89	0.3659	10409.91	196.1281	8059035.19	7.3687	284975.70	2.2450	87440.44
170	2205638-131 10X	24.3306	828214.52	0.5210	14952.83	573.2589	23769296.94	7.6050	298087.37	2.0087	78961.02
171	2205638-132 10X	21.2794	704142.23	0.5261	14938.06	665.8664	27314944.17	7.9499	310097.97	1.9883	77325.80
172	2205638-133 10X	22.4432	743101.24	0.4695	13279.83	519.0815	21205658.33	7.1342	277076.10	2.1223	82195.69
173	2205638-134 10X	19.5145	650902.02	0.5488	15442.87	717.7156	29172993.74	6.8418	262055.19	1.8987	73173.17
174	2205638-135 10X	16.2750	545011.93	0.4345	12238.44	575.2445	23402263.50	5.5804	206346.05	1.6964	65432.23
175	2205638-136 10X	40.1546	1326209.46	0.4161	11697.04	363.5469	14760058.00	5.0286	181756.50	2.2977	88436.48
176	2205638-137 10X	40.0505	1325749.56	0.4151	11789.48	364.6749	14957730.92	4.9032	178083.49	2.3113	89877.75
177	2205638-138 10X	40.6026	1344257.90	0.4162	11695.62	368.6530	14962323.74	5.1556	186623.86	2.4292	93464.99
178	2205638-139 10X	50.9601	1689620.86	0.4187	11789.04	259.1077	10536969.27	7.7026	293484.53	2.6540	102310.51
179	CCV	2.8520	96158.09	0.1993	5680.17	5.0647	209239.28	1.0447	34124.86	0.9650	37602.17
180	CCB	0.0012	66.67	0.0006	35.24	0.0496	3083.62	0.0014	43.33	-0.0002	7.78
181	2205638-140 10X	52.0860	1759667.42	0.4150	11756.64	269.6330	11030670.26	8.0575	312716.16	2.7297	105854.73
182	2205638-141 10X	52.9056	1770864.04	0.4335	12206.99	275.2075	11192645.72	8.4171	328513.79	2.7780	107101.11
183	2205638-142 10X	23.1617	777068.06	0.4756	13487.63	477.0376	19541842.00	5.9844	225137.34	2.2355	86823.33
184	CCV	2.8630	97539.78	0.1991	5696.37	5.0206	208230.71	1.0397	33920.92	0.9663	37793.80
185	CCB	0.0014	76.67	0.0002	24.76	0.0466	2983.60	0.0015	47.78	-0.0001	14.44
186	RINSE	0.0014	73.33	0.0004	29.05	0.0502	3053.62	0.0087	272.23	-0.0004	1.11

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
187	RINSE	0.0006	46.67	0.0001	20.00	0.0456	2846.91	0.0054	167.78	-0.0002	7.78

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
1	RINSE	8511286.75		4880777.53	100.0	332438.31	100.0	2140388.04	100.0	135261.46	100.0
2	RINSE	7511164.05		4337477.54	100.0	330257.26	100.0	1914939.55	100.0	135103.37	100.0
3	RINSE	7563171.55		4317096.81	100.0	331705.62	100.0	1905317.11	100.0	136396.75	100.0
4	BLANK	7391526.35		4223604.94	100.0	321578.33	100.0	1826659.97	100.0	125049.86	100.0
5	H/1000	7295860.10		4163545.77	98.6	322783.97	100.4	1798958.20	98.5	128848.11	103.0
6	H/100	7979016.55		4552907.53	107.8	353804.04	110.0	1945153.57	106.5	139047.88	111.2
7	H/10	8380824.04		4732903.06	112.1	375242.74	116.7	2027974.61	111.0	145878.53	116.7
8	HIGH	8538305.08		4596558.47	108.8	361680.69	112.5	2001430.33	109.6	144377.04	115.5
9	RINSE	7915411.13		4526347.74	107.2	332875.00	103.5	1998748.46	109.4	134012.91	107.2
10	ICV	8492688.21		4776951.60	113.1	368214.39	114.5	2018300.44	110.5	143290.55	114.6
11	ICB	7470699.06		4312013.79	102.1	335699.90	104.4	1830714.45	100.2	129914.14	103.9
12	LIV	7433867.39		4292480.87	101.6	339244.11	105.5	1857345.08	101.7	131946.74	105.5
13	ICSA	8047943.84		4493608.48	106.4	351737.64	109.4	1981952.36	108.5	139136.77	111.3
14	ICSAB	8268281.54		4632996.60	109.7	361104.76	112.3	2041179.45	111.7	142710.92	114.1
15	CCV	8051652.38		4609304.83	109.1	358282.41	111.4	1974930.08	108.1	140488.42	112.3
16	CCB	7162650.52		4147210.04	98.2	324090.93	100.8	1793309.92	98.2	126662.55	101.3
17	IP220610-5MB ...	7052407.19		4070039.42	96.4	315769.39	98.2	1733812.94	94.9	124745.14	99.8
18	IM220610-5LCS...	7630961.35		4374672.75	103.6	343454.79	106.8	1880946.58	103.0	134530.56	107.6
19	2205638-41 10X	8527642.79		4846846.70	114.8	391383.81	121.7	2067201.79	113.2	149375.30	119.5
20	2205638-41L 50X	8065484.88		4626056.80	109.5	366770.31	114.1	1987942.89	108.8	142495.28	114.0
21	2205638-41MS ...	8514900.71		4850088.05	114.8	394116.78	122.6	2064896.74	113.0	152150.98	121.7
22	2205638-41MSD...	8413948.21		4805689.09	113.8	394062.04	122.5	2059562.31	112.8	149239.89	119.3
23	2205638-41A 10X	8336104.46		4753743.26	112.6	386882.96	120.3	2033868.77	111.3	148241.53	118.5
24	2205638-42 10X	8710273.62		5034879.72	119.2	412821.19	128.4	2137560.54	117.0	158049.65	126.4
25	2205638-43 10X	8764376.53		4969329.82	117.7	413894.71	128.7	2113127.31	115.7	158295.31	126.6
26	2205638-44 10X	8532530.08		4919895.76	116.5	402512.47	125.2	2091414.13	114.5	153237.49	122.5
27	CCV	8773794.66		4971388.89	117.7	397775.81	123.7	2141308.25	117.2	155511.38	124.4
28	CCB	8198015.50		4782580.24	113.2	374708.90	116.5	2029648.30	111.1	144194.08	115.3
29	2205638-45 10X	9039484.24		5103367.01	120.8	420007.74	130.6	2196156.06	120.2	160218.34	128.1
30	2205638-46 10X	8217442.38		4701623.26	111.3	389781.41	121.2	1993408.98	109.1	149826.52	119.8
31	2205638-47 10X	8120613.84		4622031.60	109.4	375337.34	116.7	1998565.80	109.4	142750.15	114.2

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
32	2205638-48 10X	8164294.04		4672522.53	110.6	382509.84	118.9	1989660.70	108.9	145390.58	116.3
33	2205638-49 10X	8242304.04		4749325.14	112.4	391245.31	121.7	2010816.17	110.1	148417.23	118.7
34	2205638-50 10X	8269132.17		4733214.41	112.1	388543.16	120.8	2018272.94	110.5	149185.56	119.3
35	2205638-51 10X	8253695.08		4699086.70	111.3	389614.92	121.2	2012613.62	110.2	147826.44	118.2
36	2205638-52 10X	7911856.13		4608629.93	109.1	381447.00	118.6	1943595.13	106.4	143927.90	115.1
37	2205638-53 10X	8068155.50		4661303.57	110.4	375709.93	116.8	1992070.65	109.1	144795.05	115.8
38	2205638-54 10X	8289037.80		4730442.32	112.0	387384.43	120.5	1998179.14	109.4	147874.95	118.3
39	CCV	8516285.91		4853840.03	114.9	383146.85	119.1	2077731.11	113.7	151177.81	120.9
40	CCB	7803722.59		4504014.62	106.6	350514.55	109.0	1952446.53	106.9	138098.08	110.4
41	2205638-55 10X	8843315.29		5026421.90	119.0	410700.57	127.7	2141698.87	117.2	153483.51	122.7
42	2205638-56 10X	8359846.54		4873316.28	115.4	401633.00	124.9	2052583.15	112.4	151798.69	121.4
43	2205638-57 10X	8216761.13		4791832.12	113.5	402079.47	125.0	2005060.91	109.8	150462.35	120.3
44	2205638-58 10X	8132494.25		4709286.80	111.5	391966.84	121.9	2008745.96	110.0	148323.36	118.6
45	2205638-59 10X	8502905.50		4915254.09	116.4	385691.27	119.9	2076972.63	113.7	145487.52	116.3
46	2205638-60 10X	8244516.13		4780574.83	113.2	400611.70	124.6	2047033.04	112.1	151976.97	121.5
47	2205638-49 100X	7812645.30		4591949.31	108.7	364041.67	113.2	1951990.34	106.9	141707.52	113.3
48	CCV	8321134.88		4810374.72	113.9	383000.71	119.1	2068004.87	113.2	147943.06	118.3
49	CCB	7862513.84		4589125.45	108.7	352737.91	109.7	1970146.43	107.9	138767.44	111.0
50	2205638-41 100X	8263073.00		4774783.26	113.0	372969.49	116.0	2064758.56	113.0	145131.46	116.1
51	2205638-41L 5...	7599861.97		4406558.58	104.3	345345.24	107.4	1869557.79	102.3	135120.46	108.1
52	2205638-41MS ...	7931418.42		4601483.37	108.9	364230.68	113.3	1961899.55	107.4	142780.78	114.2
53	2205638-41MSD...	7907969.47		4546775.66	107.7	359773.81	111.9	1953208.72	106.9	138587.82	110.8
54	2205638-41A 1...	7850670.93		4524461.50	107.1	356963.29	111.0	1956935.91	107.1	140438.01	112.3
55	CCV	8161539.46		4702088.05	111.3	372113.61	115.7	2005525.96	109.8	144871.82	115.9
56	CCB	7650692.80		4483959.21	106.2	342444.44	106.5	1872629.55	102.5	131016.28	104.8
57	IP220610-6MB ...	7206632.39		4211777.96	99.7	326207.49	101.4	1822568.88	99.8	129138.17	103.3
58	IM220610-6LCS...	7723529.05		4459629.73	105.6	352250.12	109.5	1899343.04	104.0	137982.49	110.3
59	2205638-62 10X	8732343.20		4983890.34	118.0	413900.91	128.7	2117288.20	115.9	154438.93	123.5
60	2205638-63 10X	8277574.04		4752172.43	112.5	395259.76	122.9	2028420.13	111.0	149694.81	119.7
61	2205638-64 10X	8267284.67		4764095.14	112.8	396374.22	123.3	2030101.01	111.1	148932.36	119.1
62	2205638-65 10X	8063196.13		4681324.41	110.8	390924.97	121.6	1982044.97	108.5	146722.45	117.3

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
63	2205638-66 10X	8096943.00		4696708.47	111.2	390804.96	121.5	2006160.54	109.8	146941.75	117.5
64	2205638-67 10X	8035880.92		4666381.49	110.5	391439.69	121.7	1991335.70	109.0	147916.72	118.3
65	2205638-68 10X	7988484.67		4646173.78	110.0	389072.90	121.0	1999350.18	109.5	144815.74	115.8
66	2205638-69 10X	8012315.30		4657072.54	110.3	388060.53	120.7	1990307.94	109.0	146376.63	117.1
67	CCV	8041446.34		4654090.56	110.2	369991.52	115.1	1993749.76	109.1	143153.82	114.5
68	CCB	7613613.64		4440785.87	105.1	337350.84	104.9	1891254.87	103.5	131540.23	105.2
69	2205638-70 10X	8571258.41		4904699.93	116.1	403645.92	125.5	2088198.25	114.3	151663.75	121.3
70	2205638-71 10X	8363126.75		4875914.61	115.4	392862.21	122.2	2028101.06	111.0	150062.47	120.0
71	2205638-72 10X	8329598.84		4846755.97	114.8	392591.69	122.1	2036066.27	111.5	147578.70	118.0
72	2205638-73 10X	8138409.04		4747051.08	112.4	388982.78	121.0	2000035.07	109.5	147727.24	118.1
73	2205638-74 10X	8195150.50		4716174.30	111.7	386160.72	120.1	2009766.38	110.0	145227.38	116.1
74	2205638-75 10X	8324649.67		5006434.09	118.5	426139.13	132.5	2031923.04	111.2	154844.14	123.8
75	2205638-76 10X	8307433.21		4816864.82	114.0	400829.66	124.6	2017383.15	110.4	148019.65	118.4
76	2205638-77 10X	8252577.17		4815232.43	114.0	386425.92	120.2	2023201.58	110.8	146698.27	117.3
77	2205638-79 10X	8191187.79		4722578.47	111.8	382220.09	118.9	1997136.69	109.3	146702.57	117.3
78	CCV	8251473.42		4746056.49	112.4	373556.64	116.2	2055586.95	112.5	145628.72	116.5
79	CCB	7497856.77		4418917.33	104.6	344297.35	107.1	1897387.16	103.9	134091.64	107.2
80	2205638-80 10X	8376656.96		4835307.12	114.5	398085.37	123.8	2044060.07	111.9	150191.04	120.1
81	2205638-80L 50X	7727874.05		4525223.06	107.1	368174.02	114.5	1936838.41	106.0	140800.72	112.6
82	2205638-80MS ...	8478060.92		4886324.61	115.7	385209.72	119.8	2079476.63	113.8	146459.06	117.1
83	2205638-80MSD...	8039655.71		4664764.20	110.4	385268.79	119.8	1938334.50	106.1	144486.75	115.5
84	2205638-80A 10X	7904259.88		4564470.14	108.1	378370.32	117.7	1940217.57	106.2	143241.99	114.5
85	CCV	7883973.42		4576130.55	108.3	365471.41	113.6	1933007.21	105.8	140520.24	112.4
86	CCB	7181997.39		4225926.60	100.1	330791.13	102.9	1815905.60	99.4	129682.34	103.7
87	IP220613-1MB ...	7054844.89		4114192.86	97.4	329300.33	102.4	1798517.99	98.5	128977.44	103.1
88	IM220613-1LCS...	7482887.60		4434535.46	105.0	349374.99	108.6	1865636.38	102.1	138642.39	110.9
89	2205638-81 10X	8326286.96		4854428.57	114.9	405424.53	126.1	2060274.92	112.8	153121.37	122.4
90	2205638-81L 50X	7804980.09		4526146.18	107.2	368053.06	114.5	1923215.49	105.3	142836.96	114.2
91	2205638-81MS ...	8266545.71		4751267.22	112.5	394678.64	122.7	2015651.06	110.3	149867.64	119.8
92	2205638-81MSD...	8131382.80		4736396.70	112.1	393705.50	122.4	1978868.10	108.3	147923.03	118.3
93	2205638-81A 10X	7923746.34		4595715.87	108.8	383173.22	119.2	1972147.99	108.0	144253.45	115.4

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
94	2205638-82 10X	8182473.21		4774003.16	113.0	390885.59	121.6	2041207.05	111.7	149689.18	119.7
95	2205638-83 10X	8088739.46		4669369.20	110.6	392474.10	122.0	2004151.17	109.7	148690.68	118.9
96	2205638-84 10X	8042806.13		4698838.58	111.3	383215.29	119.2	1993633.41	109.1	146209.81	116.9
97	CCV	7793317.38		4546004.51	107.6	363321.49	113.0	1950761.32	106.8	140467.87	112.3
98	CCB	7215384.48		4267141.60	101.0	330467.70	102.8	1817845.44	99.5	130599.83	104.4
99	2205638-85 10X	8143208.00		4698469.93	111.2	386210.49	120.1	2023905.39	110.8	147119.41	117.6
100	2205638-86 10X	8004473.84		4687749.20	111.0	384193.16	119.5	1992659.87	109.1	145924.57	116.7
101	2205638-87 10X	7944043.22		4611716.80	109.2	383894.32	119.4	1973719.55	108.1	146102.75	116.8
102	2205638-88 10X	7673274.26		4510944.93	106.8	365628.47	113.7	1913314.71	104.7	139099.68	111.2
103	2205638-88L 50X	7252579.48		4259723.58	100.9	348144.72	108.3	1840234.24	100.7	135778.79	108.6
104	2205638-88MS ...	7469719.26		4385240.77	103.8	365812.73	113.8	1878788.67	102.9	138297.90	110.6
105	2205638-88MSD...	7428071.55		4363974.73	103.3	365912.14	113.8	1861122.00	101.9	139316.01	111.4
106	2205638-88A 10X	7431779.47		4366664.31	103.4	363399.94	113.0	1865756.07	102.1	138430.59	110.7
107	CCV	7606387.18		4470983.16	105.9	350537.31	109.0	1890028.25	103.5	137633.87	110.1
108	CCB	7181716.98		4261144.10	100.9	336791.60	104.7	1832053.36	100.3	129377.21	103.5
109	2205638-90 10X	7726179.05		4531229.41	107.3	376395.01	117.0	1918992.78	105.1	144618.61	115.6
110	2205638-90L 50X	7428269.06		4344690.67	102.9	355862.48	110.7	1878752.52	102.9	137896.76	110.3
111	2205638-90MS ...	7785829.47		4496308.79	106.5	374397.96	116.4	1922869.61	105.3	141290.54	113.0
112	2205638-90MSD...	7681190.72		4474415.45	105.9	373403.33	116.1	1914383.67	104.8	142281.47	113.8
113	2205638-90A 10X	7676218.84		4472936.70	105.9	365006.82	113.5	1898034.76	103.9	138639.90	110.9
114	2205638-91 10X	8022405.71		4663758.78	110.4	385547.94	119.9	2021918.72	110.7	147091.78	117.6
115	2205638-92 10X	8127825.51		4741292.95	112.3	390284.49	121.4	2024157.16	110.8	147454.89	117.9
116	2205638-93 10X	8054305.71		4699316.70	111.3	387509.20	120.5	2026355.85	110.9	147518.57	118.0
117	2205638-94 10X	8180248.83		4719128.06	111.7	387407.49	120.5	2006830.86	109.9	145989.23	116.7
118	2205638-95 10X	7968677.17		4608026.29	109.1	378086.97	117.6	1994758.93	109.2	144572.44	115.6
119	CCV	7884606.13		4561824.20	108.0	360015.64	112.0	1977034.08	108.2	139720.23	111.7
120	CCB	7346662.39		4390229.00	103.9	337949.53	105.1	1856585.29	101.6	132161.87	105.7
121	2205638-96 10X	8203856.54		4735544.93	112.1	386516.81	120.2	2023958.61	110.8	146320.93	117.0
122	2205638-97 10X	8212226.13		4771140.76	113.0	387717.01	120.6	2040325.70	111.7	146722.64	117.3
123	2205638-98 10X	8067918.21		4683124.51	110.9	386013.17	120.0	2009335.86	110.0	145568.13	116.4
124	2205638-99 10X	7905366.97		4603594.62	109.0	377691.89	117.4	1965855.85	107.6	143818.76	115.0

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
125	2205638-100 10X	7908157.18		4608538.99	109.1	379003.65	117.9	1968656.43	107.8	142900.90	114.3
126	CCV	7693885.72		4487229.10	106.2	359210.87	111.7	1923820.02	105.3	140723.79	112.5
127	CCB	7252430.10		4320606.19	102.3	335491.54	104.3	1852150.13	101.4	129884.41	103.9
128	IP220613-2MB ...	7088340.94		4226462.12	100.1	333172.81	103.6	1826684.87	100.0	130183.10	104.1
129	IM220613-2LCS...	7454155.31		4348648.68	103.0	351748.46	109.4	1869809.66	102.4	136863.93	109.4
130	IM220613-2LCS...	7631267.18		4484849.41	106.2	354186.01	110.1	1915562.84	104.9	136605.01	109.2
131	2205638-101 10X	7514004.68		4410842.33	104.4	330278.11	102.7	1885114.29	103.2	126809.31	101.4
132	2205638-102 10X	7255363.02		4224787.13	100.0	351209.77	109.2	1834563.98	100.4	132534.58	106.0
133	2205638-103 10X	7249369.48		4295036.81	101.7	356064.07	110.7	1844563.93	101.0	133197.39	106.5
134	2205638-104 10X	7606748.22		4405955.87	104.3	361324.36	112.4	1907406.90	104.4	138222.21	110.5
135	2205638-105 10X	7476349.06		4394454.31	104.0	362237.08	112.6	1866487.73	102.2	137849.43	110.2
136	2205638-106 10X	7501742.80		4449277.23	105.3	371151.31	115.4	1878259.09	102.8	140286.21	112.2
137	2205638-107 10X	7495423.64		4476502.33	106.0	369857.92	115.0	1901897.16	104.1	138160.88	110.5
138	CCV	7481604.47		4421837.22	104.7	348827.78	108.5	1880451.22	102.9	136137.93	108.9
139	CCB	6720427.61		3950538.59	93.5	308218.80	95.8	1708772.37	93.5	121337.03	97.0
140	2205638-108 10X	7658814.89		4460032.33	105.6	365143.51	113.5	1924881.95	105.4	138713.32	110.9
141	2205638-109 10X	7559357.60		4486793.27	106.2	363107.29	112.9	1906933.93	104.4	137586.22	110.0
142	2205638-110 10X	7648161.76		4492498.89	106.4	368446.45	114.6	1915359.40	104.9	138137.46	110.5
143	2205638-111 10X	7680133.84		4507589.52	106.7	365316.89	113.6	1912902.58	104.7	139139.09	111.3
144	2205638-112 10X	7574485.72		4414484.62	104.5	359703.44	111.9	1897338.46	103.9	136708.33	109.3
145	2205638-113 10X	7604533.01		4426867.22	104.8	366674.59	114.0	1919742.57	105.1	140428.87	112.3
146	2205638-115 10X	7664199.67		4467398.16	105.8	363175.14	112.9	1927934.55	105.5	136543.95	109.2
147	2205638-116 10X	7427369.06		4433573.68	105.0	360541.78	112.1	1872936.90	102.5	137123.24	109.7
148	2205638-117 10X	7567879.89		4426384.00	104.8	368469.13	114.6	1896129.34	103.8	139348.37	111.4
149	2205638-118 10X	7565834.89		4403974.20	104.3	361114.06	112.3	1881548.36	103.0	137859.09	110.2
150	CCV	7355423.22		4304590.67	101.9	344215.85	107.0	1849536.06	101.3	135021.79	108.0
151	CCB	6880349.27		4076744.73	96.5	319735.85	99.4	1774913.88	97.2	123534.38	98.8
152	2205638-119 10X	7836919.67		4574167.85	108.3	369012.14	114.8	1952061.74	106.9	140937.69	112.7
153	2205638-120 10X	7526570.31		4438776.18	105.1	369446.85	114.9	1891775.29	103.6	139697.40	111.7
154	2205638-121 10X	7545865.30		4474362.64	105.9	369799.16	115.0	1897113.41	103.9	141627.45	113.3
155	CCV	7301120.31		4293102.23	101.6	345467.97	107.4	1853178.15	101.5	133174.40	106.5

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
156	CCB	6961610.10		4190316.08	99.2	315556.27	98.1	1789420.29	98.0	122991.42	98.4
157	IP220613-3MB ...	6860018.44		4067924.00	96.3	318035.54	98.9	1766703.98	96.7	123353.32	98.6
158	IM220613-3LCS...	7283172.39		4288876.50	101.5	337408.11	104.9	1831995.39	100.3	131289.40	105.0
159	IM220613-3LCS...	7506009.26		4463492.33	105.7	346951.56	107.9	1895135.91	103.7	133953.39	107.1
160	2205638-122 10X	7737982.59		4554347.74	107.8	370227.44	115.1	1942282.16	106.3	141245.32	113.0
161	2205638-123 10X	7667464.88		4482518.79	106.1	372340.71	115.8	1950623.72	106.8	140191.18	112.1
162	2205638-124 10X	7533797.18		4503832.02	106.6	371930.05	115.7	1911805.91	104.7	139012.06	111.2
163	2205638-125 10X	7531658.22		4467101.29	105.8	370134.64	115.1	1914873.72	104.8	139412.39	111.5
164	2205638-126 10X	7516005.93		4475009.72	106.0	367698.22	114.3	1911737.99	104.7	139567.14	111.6
165	2205638-128 10X	7544599.89		4487592.02	106.3	371105.94	115.4	1913706.17	104.8	139795.98	111.8
166	2205638-129 10X	7545431.14		4522316.91	107.1	378790.24	117.8	1931167.00	105.7	141375.40	113.1
167	CCV	7404965.93		4360136.50	103.2	346722.33	107.8	1863480.60	102.0	136321.99	109.0
168	CCB	7165108.44		4298172.12	101.8	339289.74	105.5	1853807.79	101.5	130568.45	104.4
169	2205638-130 10X	7772581.13		4649304.30	110.1	382429.97	118.9	1959217.94	107.3	143299.02	114.6
170	2205638-131 10X	7716138.64		4571348.58	108.2	369797.76	115.0	1967286.22	107.7	141285.17	113.0
171	2205638-132 10X	7517582.60		4434229.83	105.0	364149.15	113.2	1905930.28	104.3	138066.65	110.4
172	2205638-133 10X	7400395.10		4436181.49	105.0	359191.35	111.7	1900448.15	104.0	136117.43	108.9
173	2205638-134 10X	7347988.43		4363141.71	103.3	357730.48	111.2	1904722.05	104.3	135836.16	108.6
174	2205638-135 10X	7251211.77		4350462.22	103.0	352616.77	109.7	1871613.46	102.5	132827.87	106.2
175	2205638-136 10X	7196510.52		4376869.31	103.6	365033.46	113.5	1844717.26	101.0	136728.71	109.3
176	2205638-137 10X	7263415.72		4395530.98	104.1	368366.24	114.5	1857620.70	101.7	138977.80	111.1
177	2205638-138 10X	7264465.10		4409995.98	104.4	369085.27	114.8	1876318.41	102.7	136289.74	109.0
178	2205638-139 10X	7310585.93		4441848.48	105.2	373745.93	116.2	1872123.05	102.5	138601.54	110.8
179	CCV	7193537.60		4270989.62	101.1	344284.85	107.1	1851077.47	101.3	132588.64	106.0
180	CCB	6931059.69		4158686.50	98.5	332546.73	103.4	1804275.23	98.8	129475.22	103.5
181	2205638-140 10X	7556919.68		4516458.89	106.9	378924.34	117.8	1878147.27	102.8	142289.81	113.8
182	2205638-141 10X	7478203.02		4506167.95	106.7	376188.80	117.0	1896192.26	103.8	140243.32	112.1
183	2205638-142 10X	7429367.18		4432069.93	104.9	361624.84	112.5	1887572.83	103.3	137583.59	110.0
184	CCV	7257658.02		4317547.02	102.2	344803.05	107.2	1848743.88	101.2	132804.30	106.2
185	CCB	7061458.85		4264140.77	101.0	335551.96	104.3	1834524.66	100.4	130677.74	104.5
186	RINSE	7137504.90		4282615.56	101.4	334065.18	103.9	1853604.04	101.5	131980.38	105.5

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
187	RINSE	7133506.35		4267572.96	101.0	330121.27	102.7	1841024.61	100.8	130199.95	104.1

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
1	RINSE	14465605.20	100.0	3597699.95	100.0	15069687.75	100.0	2068728.47	100.0	3484259.63	100.0
2	RINSE	12804341.89	100.0	3553077.03	100.0	13297899.66	100.0	2037939.29	100.0	3054847.14	100.0
3	RINSE	12657716.06	100.0	3546872.45	100.0	13258782.25	100.0	2092382.88	100.0	3036995.06	100.0
4	BLANK	12496388.98	100.0	3488541.41	100.0	12935606.28	100.0	2012555.42	100.0	3032364.75	100.0
5	H/1000	12350376.48	98.8	3506188.80	100.5	12734394.17	98.4	2049456.96	101.8	3016124.96	99.5
6	H/100	13362791.88	106.9	3819493.90	109.5	13760189.27	106.4	2192815.04	109.0	3201059.53	105.6
7	H/10	13924744.79	111.4	3933653.80	112.8	14323122.61	110.7	2302628.47	114.4	3354995.89	110.6
8	HIGH	12997119.39	104.0	3644996.61	104.5	13785323.47	106.6	2151624.77	106.9	3163329.54	104.3
9	RINSE	13468010.22	107.8	3594552.65	103.0	13964117.79	108.0	2085172.01	103.6	3230312.66	106.5
10	ICV	13837218.96	110.7	3830181.40	109.8	14509588.96	112.2	2270920.80	112.8	3336512.03	110.0
11	ICB	12688108.15	101.5	3594488.28	103.0	13232371.71	102.3	2096808.09	104.2	3086130.58	101.8
12	LIV	12762718.56	102.1	3652551.20	104.7	13174725.66	101.8	2099830.04	104.3	3065650.58	101.1
13	ICSA	12936902.31	103.5	3718960.26	106.6	13756686.64	106.3	2210705.36	109.8	3174598.91	104.7
14	ICSAB	13274702.30	106.2	3741164.32	107.2	14151133.33	109.4	2246830.99	111.6	3211768.50	105.9
15	CCV	13597703.96	108.8	3803474.94	109.0	14200457.18	109.8	2249079.43	111.8	3289904.95	108.5
16	CCB	12508297.73	100.1	3491269.32	100.1	12872805.80	99.5	2021637.08	100.5	3025709.43	99.8
17	IP220610-5MB ...	12150140.65	97.2	3438166.41	98.6	12586624.69	97.3	1995200.09	99.1	2971910.37	98.0
18	IM220610-5LCS...	12914459.81	103.3	3680875.67	105.5	13426773.25	103.8	2132998.17	106.0	3128436.20	103.2
19	2205638-41 10X	13512031.88	108.1	3832526.19	109.9	14199122.46	109.8	2241620.92	111.4	3293263.28	108.6
20	2205638-41L 50X	13634202.30	109.1	3859092.65	110.6	14115815.23	109.1	2228202.91	110.7	3257876.31	107.4
21	2205638-41MS ...	13463211.47	107.7	3816098.28	109.4	14214000.75	109.9	2242622.13	111.4	3234443.80	106.7
22	2205638-41MSD...	13488625.22	107.9	3812701.92	109.3	14190563.39	109.7	2256174.13	112.1	3226696.93	106.4
23	2205638-41A 10X	13285990.22	106.3	3760126.82	107.8	14046204.60	108.6	2204657.70	109.5	3209727.66	105.8
24	2205638-42 10X	14145846.46	113.2	3995974.01	114.5	14846812.97	114.8	2343733.63	116.5	3444945.05	113.6
25	2205638-43 10X	14003371.87	112.1	3969471.92	113.8	14638730.06	113.2	2329998.53	115.8	3385664.85	111.7
26	2205638-44 10X	13838016.04	110.7	4002302.23	114.7	14491103.84	112.0	2324116.05	115.5	3407209.64	112.4
27	CCV	14658048.95	117.3	4196087.02	120.3	15276755.91	118.1	2406547.02	119.6	3538667.76	116.7
28	CCB	14303203.53	114.5	3979446.40	114.1	14743217.24	114.0	2303400.97	114.5	3411763.70	112.5
29	2205638-45 10X	14507754.37	116.1	4146643.06	118.9	15168576.37	117.3	2393135.32	118.9	3490278.80	115.1
30	2205638-46 10X	13330299.80	106.7	3873469.53	111.0	13913380.87	107.6	2243558.21	111.5	3206573.81	105.7
31	2205638-47 10X	13174947.72	105.4	3772008.28	108.1	13731660.18	106.2	2184378.84	108.5	3198376.20	105.5

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
32	2205638-48 10X	13246509.80	106.0	3773647.03	108.2	13885182.35	107.3	2184830.40	108.6	3219784.33	106.2
33	2205638-49 10X	13190483.14	105.6	3758991.92	107.8	13914117.38	107.6	2218002.21	110.2	3224826.10	106.3
34	2205638-50 10X	13450076.05	107.6	3812642.65	109.3	13989587.26	108.1	2191816.92	108.9	3266945.16	107.7
35	2205638-51 10X	13299196.89	106.4	3772287.34	108.1	13951412.90	107.9	2219220.97	110.3	3234854.85	106.7
36	2205638-52 10X	13075868.14	104.6	3790248.90	108.6	13771180.33	106.5	2199512.50	109.3	3250184.43	107.2
37	2205638-53 10X	13295646.05	106.4	3731742.65	107.0	13923021.66	107.6	2188489.54	108.7	3226044.33	106.4
38	2205638-54 10X	13156131.89	105.3	3758299.63	107.7	13967942.45	108.0	2225915.91	110.6	3220305.57	106.2
39	CCV	14262070.20	114.1	4037130.67	115.7	14923451.21	115.4	2345658.34	116.6	3437461.51	113.4
40	CCB	13323620.64	106.6	3794844.73	108.8	13814050.91	106.8	2151461.51	106.9	3216992.03	106.1
41	2205638-55 10X	14022486.04	112.2	3939768.48	112.9	14829013.52	114.6	2336651.08	116.1	3371361.62	111.2
42	2205638-56 10X	13702426.88	109.7	3913644.94	112.2	14483031.89	112.0	2287352.00	113.7	3355566.30	110.7
43	2205638-57 10X	13431707.72	107.5	3828319.01	109.7	14169985.93	109.5	2231695.23	110.9	3285769.22	108.4
44	2205638-58 10X	13266073.14	106.2	3831165.99	109.8	14088311.47	108.9	2220229.59	110.3	3253020.78	107.3
45	2205638-59 10X	13885309.80	111.1	3790652.13	108.7	14745660.36	114.0	2217206.11	110.2	3437708.28	113.4
46	2205638-60 10X	13386207.30	107.1	3820888.59	109.5	14121100.82	109.2	2244035.02	111.5	3244659.33	107.0
47	2205638-49 100X	13509365.21	108.1	3832312.76	109.9	14010824.36	108.3	2220918.01	110.4	3278071.41	108.1
48	CCV	14134560.21	113.1	4007252.65	114.9	14659193.81	113.3	2345157.19	116.5	3428847.76	113.1
49	CCB	13665806.88	109.4	3796498.17	108.8	14290018.15	110.5	2180959.28	108.4	3315872.76	109.3
50	2205638-41 100X	13998048.54	112.0	3955594.00	113.4	14572750.30	112.7	2274987.34	113.0	3341625.47	110.2
51	2205638-41L 5...	13151108.55	105.2	3691318.17	105.8	13545323.22	104.7	2128243.79	105.7	3148609.33	103.8
52	2205638-41MS ...	13553828.97	108.5	3814166.09	109.3	14076686.36	108.8	2215144.49	110.1	3213562.76	106.0
53	2205638-41MSD...	13453980.63	107.7	3797344.63	108.9	14046404.11	108.6	2178133.89	108.2	3206984.43	105.8
54	2205638-41A 1...	13230403.97	105.9	3735019.63	107.1	13780501.44	106.5	2182131.41	108.4	3181527.77	104.9
55	CCV	13832067.71	110.7	3944265.26	113.1	14539993.13	112.4	2287086.66	113.6	3359533.28	110.8
56	CCB	13253618.55	106.1	3669894.63	105.2	13709117.97	106.0	2140852.93	106.4	3210057.14	105.9
57	IP220610-6MB ...	12549081.48	100.4	3531808.59	101.2	12917389.35	99.9	2049124.59	101.8	3014018.08	99.4
58	IM220610-6LCS...	13267646.05	106.2	3744894.01	107.3	13706520.79	106.0	2151641.27	106.9	3164267.66	104.3
59	2205638-62 10X	13952168.96	111.6	3887441.92	111.4	14698058.34	113.6	2306046.70	114.6	3376200.37	111.3
60	2205638-63 10X	13381469.38	107.1	3851752.54	110.4	14345842.22	110.9	2261207.55	112.4	3273276.41	107.9
61	2205638-64 10X	13365506.88	107.0	3759395.15	107.8	14246865.85	110.1	2259228.58	112.3	3274615.47	108.0
62	2205638-65 10X	13209811.89	105.7	3765340.57	107.9	14030119.33	108.5	2234767.53	111.0	3228003.29	106.5

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
63	2205638-66 10X	13236344.39	105.9	3773930.36	108.2	14090161.42	108.9	2235057.69	111.1	3252598.70	107.3
64	2205638-67 10X	13139260.64	105.1	3762203.59	107.8	14041231.83	108.5	2248097.44	111.7	3235069.33	106.7
65	2205638-68 10X	13059667.30	104.5	3719886.40	106.6	14006185.97	108.3	2223077.22	110.5	3177676.10	104.8
66	2205638-69 10X	12967851.89	103.8	3735452.65	107.1	13887982.19	107.4	2236447.38	111.1	3202704.95	105.6
67	CCV	13776473.55	110.2	3908266.50	112.0	14383376.31	111.2	2282173.26	113.4	3342080.47	110.2
68	CCB	13205176.89	105.7	3652192.55	104.7	13642175.69	105.5	2093539.32	104.0	3196851.10	105.4
69	2205638-70 10X	13756047.71	110.1	3844965.26	110.2	14703791.70	113.7	2286732.81	113.6	3349904.32	110.5
70	2205638-71 10X	13870645.21	111.0	3897993.48	111.7	14553828.24	112.5	2271305.55	112.9	3376814.64	111.4
71	2205638-72 10X	13599281.05	108.8	3818612.96	109.5	14318404.98	110.7	2231727.12	110.9	3275910.37	108.0
72	2205638-73 10X	13358106.05	106.9	3789581.82	108.6	14147055.68	109.4	2214869.11	110.1	3288594.43	108.4
73	2205638-74 10X	13305691.05	106.5	3760490.46	107.8	14236626.44	110.1	2216825.26	110.1	3252982.55	107.3
74	2205638-75 10X	13420561.47	107.4	3805442.03	109.1	14096473.84	109.0	2231272.57	110.9	3274191.83	108.0
75	2205638-76 10X	13513806.05	108.1	3808753.38	109.2	14229113.98	110.0	2247149.23	111.7	3274011.72	108.0
76	2205638-77 10X	13529995.21	108.3	3835155.15	109.9	14206420.26	109.8	2233933.76	111.0	3302540.37	108.9
77	2205638-79 10X	13339548.97	106.7	3756790.36	107.7	14126267.36	109.2	2218292.26	110.2	3263350.89	107.6
78	CCV	14014955.21	112.2	3957959.11	113.5	14721017.08	113.8	2337013.50	116.1	3407670.37	112.4
79	CCB	13178701.05	105.5	3698229.42	106.0	13648834.15	105.5	2102562.83	104.5	3197366.83	105.4
80	2205638-80 10X	13556232.30	108.5	3890225.25	111.5	14407569.72	111.4	2250241.46	111.8	3316086.20	109.4
81	2205638-80L 50X	13312736.89	106.5	3840224.53	110.1	14028139.90	108.4	2214826.15	110.1	3230746.41	106.5
82	2205638-80MS ...	13661004.79	109.3	3740103.17	107.2	14574283.98	112.7	2188409.40	108.7	3354348.28	110.6
83	2205638-80MSD...	12948688.97	103.6	3738301.51	107.2	13758335.68	106.4	2195953.55	109.1	3223196.31	106.3
84	2205638-80A 10X	12930327.72	103.5	3686512.76	105.7	13696069.27	105.9	2179424.86	108.3	3192610.26	105.3
85	CCV	13552134.38	108.4	3848366.40	110.3	14235855.48	110.1	2255160.13	112.1	3303133.18	108.9
86	CCB	12627824.40	101.1	3631013.80	104.1	13220311.52	102.2	2085285.51	103.6	3125999.95	103.1
87	IP220613-1MB ...	12387311.06	99.1	3576024.22	102.5	12890374.97	99.7	2054940.60	102.1	3023361.10	99.7
88	IM220613-1LCS...	13070223.97	104.6	3802219.84	109.0	13634163.49	105.4	2162124.52	107.4	3163664.43	104.3
89	2205638-81 10X	13685506.04	109.5	3893786.19	111.6	14368388.18	111.1	2279809.53	113.3	3303566.51	108.9
90	2205638-81L 50X	13359728.97	106.9	3864516.09	110.8	13901480.52	107.5	2225042.65	110.6	3241405.89	106.9
91	2205638-81MS ...	13209753.97	105.7	3755077.55	107.6	13948902.68	107.8	2222374.94	110.4	3258392.35	107.5
92	2205638-81MSD...	13236523.55	105.9	3769115.46	108.0	13932915.43	107.7	2219768.35	110.3	3241674.95	106.9
93	2205638-81A 10X	12938868.14	103.5	3724258.17	106.8	13752987.80	106.3	2176954.23	108.2	3174352.04	104.7

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
94	2205638-82 10X	13538728.96	108.3	3866467.75	110.8	14341975.41	110.9	2289525.21	113.8	3340945.47	110.2
95	2205638-83 10X	13387656.05	107.1	3847151.51	110.3	14216823.70	109.9	2236803.42	111.1	3271772.76	107.9
96	2205638-84 10X	13290556.89	106.4	3732618.70	107.0	14179639.71	109.6	2202889.42	109.5	3267032.45	107.7
97	CCV	13457401.88	107.7	3850691.92	110.4	14066621.27	108.7	2262539.38	112.4	3322565.79	109.6
98	CCB	12720088.15	101.8	3617758.49	103.7	13269029.20	102.6	2085852.19	103.6	3126801.31	103.1
99	2205638-85 10X	13337102.30	106.7	3797538.38	108.9	14177968.18	109.6	2234820.47	111.0	3276205.99	108.0
100	2205638-86 10X	13189048.97	105.5	3768457.86	108.0	14098019.76	109.0	2211532.23	109.9	3224151.31	106.3
101	2205638-87 10X	13086181.05	104.7	3765898.07	108.0	14000510.08	108.2	2232756.18	110.9	3256619.95	107.4
102	2205638-88 10X	12854316.89	102.9	3660971.82	104.9	13743563.59	106.2	2161222.90	107.4	3188929.22	105.2
103	2205638-88L 50X	12634661.06	101.1	3658541.40	104.9	13386402.73	103.5	2130893.27	105.9	3138843.60	103.5
104	2205638-88MS ...	12439309.40	99.5	3592526.40	103.0	13215154.61	102.2	2123491.57	105.5	3109162.35	102.5
105	2205638-88MSD...	12467223.56	99.8	3608889.32	103.4	13263240.68	102.5	2149199.00	106.8	3119614.01	102.9
106	2205638-88A 10X	12397908.56	99.2	3606319.42	103.4	13199743.83	102.0	2136799.38	106.2	3087847.87	101.8
107	CCV	13055281.47	104.5	3716086.51	106.5	13921679.08	107.6	2192519.45	108.9	3219147.77	106.2
108	CCB	12743466.06	102.0	3656788.90	104.8	13310255.88	102.9	2073741.40	103.0	3139321.31	103.5
109	2205638-90 10X	12889848.97	103.1	3715743.49	106.5	13714789.30	106.0	2190494.25	108.8	3224869.95	106.3
110	2205638-90L 50X	12924996.06	103.4	3701262.65	106.1	13557541.33	104.8	2158333.02	107.2	3174598.49	104.7
111	2205638-90MS ...	12794116.48	102.4	3681871.51	105.5	13614209.58	105.2	2165537.68	107.6	3168782.97	104.5
112	2205638-90MSD...	12664240.65	101.3	3654239.12	104.7	13540471.71	104.7	2138921.10	106.3	3137247.25	103.5
113	2205638-90A 10X	12726878.56	101.8	3616911.30	103.7	13398357.97	103.6	2102451.20	104.5	3147046.52	103.8
114	2205638-91 10X	13446591.05	107.6	3830564.01	109.8	14195546.49	109.7	2234337.39	111.0	3312953.91	109.3
115	2205638-92 10X	13438851.88	107.5	3828303.48	109.7	14048283.05	108.6	2239939.23	111.3	3274757.56	108.0
116	2205638-93 10X	13287287.72	106.3	3826127.13	109.7	14053570.07	108.6	2215836.37	110.1	3245992.45	107.0
117	2205638-94 10X	13304729.39	106.5	3732912.97	107.0	13988324.31	108.1	2199852.87	109.3	3233565.89	106.6
118	2205638-95 10X	13155931.05	105.3	3755735.26	107.7	13883319.08	107.3	2192858.24	109.0	3220634.64	106.2
119	CCV	13495337.72	108.0	3835897.76	110.0	14280018.40	110.4	2226540.50	110.6	3265589.33	107.7
120	CCB	13035654.39	104.3	3656026.72	104.8	13517200.26	104.5	2123324.67	105.5	3175119.64	104.7
121	2205638-96 10X	13530240.22	108.3	3866791.09	110.8	14143952.31	109.3	2253999.79	112.0	3287442.03	108.4
122	2205638-97 10X	13592860.22	108.8	3816740.99	109.4	14188781.41	109.7	2218790.97	110.2	3279415.89	108.1
123	2205638-98 10X	13298590.22	106.4	3795836.19	108.8	14028073.66	108.4	2196862.50	109.2	3246101.93	107.0
124	2205638-99 10X	13050313.55	104.4	3755635.05	107.7	13848621.74	107.1	2185554.52	108.6	3255532.87	107.4

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
125	2205638-100 10X	13113893.55	104.9	3718990.15	106.6	13798792.40	106.7	2186752.39	108.7	3172464.64	104.6
126	CCV	13261370.64	106.1	3792603.90	108.7	13966445.36	108.0	2216789.99	110.1	3270566.41	107.9
127	CCB	12873998.14	103.0	3635221.61	104.2	13508870.13	104.4	2094229.79	104.1	3173621.82	104.7
128	IP220613-2MB ...	12594858.15	100.8	3612086.20	103.5	13158753.66	101.7	2067962.22	102.8	3087326.73	101.8
129	IM220613-2LCS...	12944327.31	103.6	3748245.67	107.4	13570974.69	104.9	2155492.78	107.1	3158232.45	104.2
130	IM220613-2LCS...	13414180.63	107.3	3810377.44	109.2	14061391.51	108.7	2181444.93	108.4	3262928.60	107.6
131	2205638-101 10X	12441380.65	99.6	3286376.93	94.2	13193970.46	102.0	1926581.35	95.7	3055945.16	100.8
132	2205638-102 10X	12032714.82	96.3	3439879.43	98.6	12675911.19	98.0	2014919.15	100.1	2964251.21	97.8
133	2205638-103 10X	12078860.24	96.7	3526082.24	101.1	12774662.15	98.8	2052471.43	102.0	3003643.50	99.1
134	2205638-104 10X	12610016.90	100.9	3649174.63	104.6	13295889.32	102.8	2099236.44	104.3	3137444.43	103.5
135	2205638-105 10X	12546902.73	100.4	3638348.91	104.3	13262289.00	102.5	2103223.97	104.5	3099506.31	102.2
136	2205638-106 10X	12603378.98	100.9	3636939.94	104.3	13414395.86	103.7	2123223.55	105.5	3124052.56	103.0
137	2205638-107 10X	12640300.65	101.2	3653547.45	104.7	13375430.49	103.4	2140632.22	106.4	3147501.10	103.8
138	CCV	13033676.47	104.3	3707964.94	106.3	13741309.12	106.2	2170736.22	107.9	3193926.62	105.3
139	CCB	11877746.07	95.0	3399897.76	97.5	12428058.82	96.1	1943123.06	96.6	2950513.40	97.3
140	2205638-108 10X	12759912.73	102.1	3623883.28	103.9	13319409.97	103.0	2108657.49	104.8	3094744.23	102.1
141	2205638-109 10X	12796623.56	102.4	3653840.78	104.7	13476442.43	104.2	2142047.81	106.4	3152751.51	104.0
142	2205638-110 10X	12842978.97	102.8	3674591.09	105.3	13503263.20	104.4	2147640.34	106.7	3156756.93	104.1
143	2205638-111 10X	12787056.06	102.3	3590574.84	102.9	13505453.50	104.4	2112382.40	105.0	3146700.47	103.8
144	2205638-112 10X	12729663.14	101.9	3610860.99	103.5	13435519.16	103.9	2103064.86	104.5	3093773.18	102.0
145	2205638-113 10X	12674527.73	101.4	3664526.92	105.0	13423382.33	103.8	2144006.01	106.5	3122247.25	103.0
146	2205638-115 10X	12609954.81	100.9	3592088.28	103.0	13415871.58	103.7	2121374.05	105.4	3118802.04	102.9
147	2205638-116 10X	12574482.73	100.6	3586684.84	102.8	13289988.49	102.7	2095896.20	104.1	3110358.60	102.6
148	2205638-117 10X	12602552.73	100.8	3616687.24	103.7	13378383.93	103.4	2130711.34	105.9	3128968.08	103.2
149	2205638-118 10X	12581040.23	100.7	3595733.17	103.1	13317400.42	103.0	2122167.10	105.4	3103286.62	102.3
150	CCV	12880548.56	103.1	3688006.20	105.7	13548708.03	104.7	2136998.95	106.2	3195298.18	105.4
151	CCB	12301915.23	98.4	3500018.70	100.3	12890095.23	99.6	2035328.83	101.1	3058978.70	100.9
152	2205638-119 10X	12851096.48	102.8	3659283.91	104.9	13719266.34	106.1	2161741.90	107.4	3145185.89	103.7
153	2205638-120 10X	12858087.73	102.9	3652018.18	104.7	13621138.49	105.3	2146134.40	106.6	3171427.24	104.6
154	2205638-121 10X	12669271.48	101.4	3648169.22	104.6	13537584.50	104.7	2138345.06	106.3	3139041.73	103.5
155	CCV	12758897.73	102.1	3652536.09	104.7	13534248.27	104.6	2132674.59	106.0	3223207.97	106.3

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
156	CCB	12571752.31	100.6	3470952.76	99.5	13075276.26	101.1	2016405.76	100.2	3058380.79	100.9
157	IP220613-3MB ...	12308945.65	98.5	3497538.70	100.3	13021531.47	100.7	2014518.70	100.1	3054024.23	100.7
158	IM220613-3LCS...	12845728.56	102.8	3681468.49	105.5	13527940.47	104.6	2142639.65	106.5	3153673.39	104.0
159	IM220613-3LCS...	13354127.30	106.9	3761222.44	107.8	13976113.77	108.0	2170470.78	107.8	3245197.35	107.0
160	2205638-122 10X	13083493.14	104.7	3681035.16	105.5	13888057.07	107.4	2185663.45	108.6	3253371.62	107.3
161	2205638-123 10X	12847923.14	102.8	3632701.93	104.1	13686196.80	105.8	2146166.73	106.6	3184924.12	105.0
162	2205638-124 10X	12828809.81	102.7	3697721.72	106.0	13642779.54	105.5	2150829.93	106.9	3196780.06	105.4
163	2205638-125 10X	12797852.72	102.4	3643901.72	104.5	13672527.36	105.7	2161575.18	107.4	3164015.47	104.3
164	2205638-126 10X	12852614.81	102.9	3667998.07	105.1	13590925.43	105.1	2151884.88	106.9	3180111.72	104.9
165	2205638-128 10X	12814511.06	102.5	3655379.63	104.8	13542115.35	104.7	2153936.70	107.0	3185505.16	105.1
166	2205638-129 10X	12873315.23	103.0	3662211.40	105.0	13701289.61	105.9	2160531.41	107.4	3206079.33	105.7
167	CCV	12968615.22	103.8	3695585.78	105.9	13807247.96	106.7	2186534.59	108.6	3190223.70	105.2
168	CCB	13015508.97	104.2	3674132.97	105.3	13555416.21	104.8	2164039.07	107.5	3200801.52	105.6
169	2205638-130 10X	13047658.14	104.4	3732136.51	107.0	13848373.22	107.1	2199173.73	109.3	3258562.14	107.5
170	2205638-131 10X	13023428.97	104.2	3682489.32	105.6	13863993.66	107.2	2207310.24	109.7	3223284.64	106.3
171	2205638-132 10X	12687748.98	101.5	3625467.03	103.9	13858183.94	107.1	2176935.97	108.2	3135091.10	103.4
172	2205638-133 10X	12695492.73	101.6	3614531.09	103.6	13739185.32	106.2	2139213.59	106.3	3136155.89	103.4
173	2205638-134 10X	12649004.40	101.2	3603695.99	103.3	13711918.11	106.0	2148842.74	106.8	3158577.87	104.2
174	2205638-135 10X	12683022.31	101.5	3616323.49	103.7	13613667.12	105.2	2129621.78	105.8	3172349.33	104.6
175	2205638-136 10X	12495863.56	100.0	3598004.01	103.1	13361786.91	103.3	2142908.77	106.5	3127360.68	103.1
176	2205638-137 10X	12553471.90	100.5	3607743.80	103.4	13509167.02	104.4	2139864.28	106.3	3136698.91	103.4
177	2205638-138 10X	12580102.31	100.7	3601947.86	103.3	13368035.41	103.3	2123825.12	105.5	3136254.54	103.4
178	2205638-139 10X	12416107.73	99.4	3604352.66	103.3	13326216.91	103.0	2113038.58	105.0	3142240.58	103.6
179	CCV	12748361.89	102.0	3681408.38	105.5	13671611.89	105.7	2161057.41	107.4	3192127.25	105.3
180	CCB	12658003.56	101.3	3610044.84	103.5	13321305.02	103.0	2102823.08	104.5	3133176.52	103.3
181	2205638-140 10X	12724360.65	101.8	3675801.09	105.4	13548115.58	104.7	2141433.31	106.4	3198282.87	105.5
182	2205638-141 10X	12701571.48	101.6	3627886.93	104.0	13595129.68	105.1	2144197.36	106.5	3170291.31	104.5
183	2205638-142 10X	12690801.06	101.6	3607703.91	103.4	13607977.22	105.2	2152807.03	107.0	3176491.41	104.8
184	CCV	12851197.31	102.8	3698682.65	106.0	13723620.65	106.1	2155721.47	107.1	3225895.99	106.4
185	CCB	12800067.73	102.4	3661798.07	105.0	13574244.54	104.9	2134263.95	106.0	3192204.22	105.3
186	RINSE	12819893.14	102.6	3648303.49	104.6	13558661.99	104.8	2107767.77	104.7	3167773.49	104.5

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
187	RINSE	12740429.39	102.0	3631686.09	104.1	13483524.93	104.2	2098695.52	104.3	3177670.58	104.8

ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
1	RINSE	525737.58	100.0	12285158.98	100.0	3026809.12	100.0
2	RINSE	517307.91	100.0	10843968.59	100.0	3049288.60	100.0
3	RINSE	521258.82	100.0	10729371.92	100.0	3001656.62	100.0
4	BLANK	513732.71	100.0	10498184.01	100.0	2970018.18	100.0
5	H/1000	522001.26	101.6	10416955.26	99.2	2985154.02	100.5
6	H/100	572268.10	111.4	11267164.00	107.3	3257453.91	109.7
7	H/10	598759.91	116.6	11618752.74	110.7	3364090.47	113.3
8	HIGH	565856.09	110.1	10699517.34	101.9	3001617.87	101.1
9	RINSE	532434.58	103.6	11471438.16	109.3	3053682.77	102.8
10	ICV	600729.40	116.9	11622150.24	110.7	3316784.74	111.7
11	ICB	545053.38	106.1	10911047.34	103.9	3095653.19	104.2
12	LIV	549940.75	107.0	10793352.55	102.8	3124629.64	105.2
13	ICSA	562359.24	109.5	10986044.42	104.6	3156810.68	106.3
14	ICSAB	571856.17	111.3	11061633.58	105.4	3185659.53	107.3
15	CCV	590908.38	115.0	11538252.75	109.9	3285920.89	110.6
16	CCB	528887.27	102.9	10659311.09	101.5	2992486.10	100.8
17	IP220610-5MB ...	519272.54	101.1	10504566.72	100.1	2975181.52	100.2
18	IM220610-5LCS...	558948.07	108.8	10987074.84	104.7	3147873.18	106.0
19	2205638-41 10X	587648.56	114.4	11680066.08	111.3	3285981.93	110.6
20	2205638-41L 50X	584492.91	113.8	11566936.91	110.2	3320813.39	111.8
21	2205638-41MS ...	589052.24	114.7	11553571.91	110.1	3298986.82	111.1
22	2205638-41MSD...	594936.62	115.8	11477750.25	109.3	3301206.93	111.2
23	2205638-41A 10X	582826.45	113.4	11312532.75	107.8	3248001.41	109.4
24	2205638-42 10X	619120.39	120.5	12066503.99	114.9	3430787.34	115.5
25	2205638-43 10X	608638.65	118.5	12107562.74	115.3	3415756.41	115.0
26	2205638-44 10X	613859.95	119.5	11970626.91	114.0	3430936.51	115.5
27	CCV	635266.81	123.7	12292640.23	117.1	3492342.76	117.6
28	CCB	598756.03	116.6	12060080.66	114.9	3377355.36	113.7
29	2205638-45 10X	625678.76	121.8	12324393.56	117.4	3458573.80	116.4
30	2205638-46 10X	593690.75	115.6	11342662.33	108.0	3324836.72	111.9
31	2205638-47 10X	574693.13	111.9	11275694.00	107.4	3213811.72	108.2

ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
32	2205638-48 10X	577368.33	112.4	11455872.75	109.1	3217713.07	108.3
33	2205638-49 10X	572320.55	111.4	11461567.33	109.2	3219467.14	108.4
34	2205638-50 10X	584495.93	113.8	11502597.33	109.6	3293890.05	110.9
35	2205638-51 10X	576116.98	112.1	11577506.91	110.3	3268477.45	110.0
36	2205638-52 10X	580810.11	113.1	11401954.83	108.6	3284211.10	110.6
37	2205638-53 10X	585032.21	113.9	11415407.75	108.7	3252632.87	109.5
38	2205638-54 10X	578195.23	112.5	11593377.74	110.4	3269756.41	110.1
39	CCV	613850.28	119.5	12016843.99	114.5	3407173.18	114.7
40	CCB	556642.79	108.4	11320814.41	107.8	3178277.35	107.0
41	2205638-55 10X	596869.96	116.2	12108778.57	115.3	3394510.99	114.3
42	2205638-56 10X	600317.08	116.9	12005564.41	114.4	3383664.11	113.9
43	2205638-57 10X	592306.06	115.3	11671231.91	111.2	3285588.60	110.6
44	2205638-58 10X	585278.79	113.9	11726683.57	111.7	3286462.97	110.7
45	2205638-59 10X	578405.33	112.6	12128399.82	115.5	3280037.97	110.4
46	2205638-60 10X	589004.53	114.7	11667967.33	111.1	3283502.45	110.6
47	2205638-49 100X	574467.35	111.8	11550684.41	110.0	3273646.41	110.2
48	CCV	607941.24	118.3	12015802.32	114.5	3367892.03	113.4
49	CCB	564450.64	109.9	11668005.66	111.1	3185587.45	107.3
50	2205638-41 100X	582082.76	113.3	11968496.91	114.0	3328378.49	112.1
51	2205638-41L 5...	545445.80	106.2	11090091.92	105.6	3130296.41	105.4
52	2205638-41MS ...	570687.30	111.1	11593384.41	110.4	3230685.16	108.8
53	2205638-41MSD...	564509.01	109.9	11505119.83	109.6	3209040.89	108.0
54	2205638-41A 1...	567364.01	110.4	11234325.67	107.0	3163662.03	106.5
55	CCV	604705.26	117.7	11815823.16	112.6	3302600.37	111.2
56	CCB	548772.86	106.8	11429906.08	108.9	3147076.10	106.0
57	IP220610-6MB ...	525845.47	102.4	10735680.26	102.3	3022182.14	101.8
58	IM220610-6LCS...	561237.88	109.2	11087788.58	105.6	3168221.62	106.7
59	2205638-62 10X	600388.34	116.9	12097894.82	115.2	3356989.85	113.0
60	2205638-63 10X	593617.49	115.5	11815678.16	112.5	3390432.34	114.2
61	2205638-64 10X	577751.11	112.5	11795487.74	112.4	3316651.72	111.7
62	2205638-65 10X	581812.99	113.3	11670578.99	111.2	3324715.16	111.9

ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
63	2205638-66 10X	580464.22	113.0	11761592.74	112.0	3309972.14	111.4
64	2205638-67 10X	584015.22	113.7	11616223.99	110.6	3319828.81	111.8
65	2205638-68 10X	578038.27	112.5	11593716.08	110.4	3287746.83	110.7
66	2205638-69 10X	581748.61	113.2	11655019.41	111.0	3315030.26	111.6
67	CCV	592643.12	115.4	11689295.24	111.3	3337985.68	112.4
68	CCB	546036.75	106.3	11295776.50	107.6	3092664.54	104.1
69	2205638-70 10X	591078.08	115.1	12139052.74	115.6	3379364.01	113.8
70	2205638-71 10X	592248.19	115.3	11947128.99	113.8	3344227.97	112.6
71	2205638-72 10X	581634.68	113.2	11729571.91	111.7	3229246.72	108.7
72	2205638-73 10X	580423.14	113.0	11831226.49	112.7	3307050.47	111.3
73	2205638-74 10X	580600.99	113.0	11801837.32	112.4	3300690.79	111.1
74	2205638-75 10X	583340.15	113.5	11570284.83	110.2	3295594.43	111.0
75	2205638-76 10X	583404.52	113.6	11667452.75	111.1	3282965.78	110.5
76	2205638-77 10X	580716.81	113.0	11717343.16	111.6	3277924.74	110.4
77	2205638-79 10X	580969.56	113.1	11681652.32	111.3	3289319.02	110.8
78	CCV	604172.44	117.6	11919891.49	113.5	3355268.39	113.0
79	CCB	552679.16	107.6	11429728.16	108.9	3147557.97	106.0
80	2205638-80 10X	590146.15	114.9	11868478.99	113.1	3321654.74	111.8
81	2205638-80L 50X	580008.59	112.9	11675001.07	111.2	3313348.18	111.6
82	2205638-80MS ...	575502.08	112.0	12025446.91	114.5	3271488.18	110.2
83	2205638-80MSD...	574229.41	111.8	11493575.66	109.5	3278417.14	110.4
84	2205638-80A 10X	566479.44	110.3	11382739.42	108.4	3222384.12	108.5
85	CCV	590894.80	115.0	11684536.08	111.3	3305367.97	111.3
86	CCB	546213.91	106.3	11093882.33	105.7	3112748.08	104.8
87	IP220613-1MB ...	535737.00	104.3	10805969.22	102.9	3077374.22	103.6
88	IM220613-1LCS...	562003.13	109.4	11176871.08	106.5	3163412.87	106.5
89	2205638-81 10X	596466.43	116.1	11918298.57	113.5	3353204.64	112.9
90	2205638-81L 50X	584631.11	113.8	11625117.33	110.7	3298759.95	111.1
91	2205638-81MS ...	576744.39	112.3	11472110.25	109.3	3230220.26	108.8
92	2205638-81MSD...	581139.52	113.1	11472379.83	109.3	3227486.31	108.7
93	2205638-81A 10X	562213.14	109.4	11262611.50	107.3	3199517.14	107.7

ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
94	2205638-82 10X	598372.30	116.5	11943259.41	113.8	3381400.78	113.9
95	2205638-83 10X	588226.20	114.5	11788372.74	112.3	3297979.74	111.0
96	2205638-84 10X	583938.93	113.7	11722687.32	111.7	3309950.37	111.4
97	CCV	592252.49	115.3	11680494.41	111.3	3339341.82	112.4
98	CCB	545617.94	106.2	11051557.75	105.3	3134015.89	105.5
99	2205638-85 10X	584714.85	113.8	11718747.74	111.6	3328262.97	112.1
100	2205638-86 10X	587578.49	114.4	11740158.57	111.8	3345699.95	112.6
101	2205638-87 10X	584702.48	113.8	11621463.58	110.7	3324560.26	111.9
102	2205638-88 10X	573234.50	111.6	11379964.83	108.4	3225704.85	108.6
103	2205638-88L 50X	565011.87	110.0	11269131.08	107.3	3177995.16	107.0
104	2205638-88MS ...	558916.96	108.8	11079592.75	105.5	3153080.89	106.2
105	2205638-88MSD...	559846.36	109.0	11028761.50	105.1	3143534.43	105.8
106	2205638-88A 10X	560903.21	109.2	11003360.67	104.8	3146754.33	106.0
107	CCV	579127.09	112.7	11410154.83	108.7	3248776.30	109.4
108	CCB	548421.75	106.8	11162133.17	106.3	3157497.66	106.3
109	2205638-90 10X	572577.15	111.5	11462614.83	109.2	3254265.99	109.6
110	2205638-90L 50X	571726.56	111.3	11419369.00	108.8	3257022.03	109.7
111	2205638-90MS ...	569972.01	110.9	11248854.00	107.2	3189040.99	107.4
112	2205638-90MSD...	558685.73	108.8	11165245.25	106.4	3201398.50	107.8
113	2205638-90A 10X	561382.74	109.3	11183074.83	106.5	3150966.62	106.1
114	2205638-91 10X	590900.63	115.0	11773364.41	112.1	3297194.01	111.0
115	2205638-92 10X	586181.84	114.1	11654352.74	111.0	3238089.33	109.0
116	2205638-93 10X	587531.58	114.4	11557306.49	110.1	3266025.57	110.0
117	2205638-94 10X	580411.33	113.0	11519564.83	109.7	3270602.87	110.1
118	2205638-95 10X	576379.00	112.2	11430637.33	108.9	3216197.04	108.3
119	CCV	587509.26	114.4	11585972.74	110.4	3297702.24	111.0
120	CCB	551064.30	107.3	11202566.92	106.7	3128110.79	105.3
121	2205638-96 10X	584013.68	113.7	11635314.82	110.8	3304703.29	111.3
122	2205638-97 10X	589648.68	114.8	11774328.16	112.2	3288693.91	110.7
123	2205638-98 10X	582790.89	113.4	11566388.16	110.2	3246916.31	109.3
124	2205638-99 10X	582939.03	113.5	11429181.08	108.9	3230087.45	108.8

ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
125	2205638-100 10X	575143.00	112.0	11389789.83	108.5	3218183.49	108.4
126	CCV	581994.47	113.3	11443725.66	109.0	3274233.39	110.2
127	CCB	551216.88	107.3	11224081.92	106.9	3149057.45	106.0
128	IP220613-2MB ...	544190.15	105.9	11025292.75	105.0	3118205.06	105.0
129	IM220613-2LCS...	562647.55	109.5	11168891.50	106.4	3200978.70	107.8
130	IM220613-2LCS...	576667.79	112.3	11502675.66	109.6	3221327.04	108.5
131	2205638-101 10X	507758.69	98.8	10928617.96	104.1	2882971.83	97.1
132	2205638-102 10X	535196.69	104.2	10631059.43	101.3	3033255.89	102.1
133	2205638-103 10X	551913.34	107.4	10780945.67	102.7	3102643.18	104.5
134	2205638-104 10X	552433.13	107.5	10943974.42	104.2	3090855.06	104.1
135	2205638-105 10X	558368.16	108.7	10991799.42	104.7	3143954.96	105.9
136	2205638-106 10X	560808.99	109.2	11084164.42	105.6	3144562.97	105.9
137	2205638-107 10X	569880.43	110.9	11112028.17	105.8	3193301.93	107.5
138	CCV	577469.33	112.4	11309208.17	107.7	3228216.82	108.7
139	CCB	509966.22	99.3	10351686.93	98.6	2911761.00	98.0
140	2205638-108 10X	555841.25	108.2	11148679.83	106.2	3116384.23	104.9
141	2205638-109 10X	563038.74	109.6	11327337.75	107.9	3183058.29	107.2
142	2205638-110 10X	565004.14	110.0	11216340.67	106.8	3183352.24	107.2
143	2205638-111 10X	556810.82	108.4	11216777.75	106.8	3167479.74	106.6
144	2205638-112 10X	557308.00	108.5	11033294.00	105.1	3136494.54	105.6
145	2205638-113 10X	569101.96	110.8	11162348.17	106.3	3213635.06	108.2
146	2205638-115 10X	558901.78	108.8	11400309.83	108.6	3230037.66	108.8
147	2205638-116 10X	561979.48	109.4	11120316.92	105.9	3139222.87	105.7
148	2205638-117 10X	563640.37	109.7	11076398.58	105.5	3158564.95	106.3
149	2205638-118 10X	564085.58	109.8	11112297.75	105.8	3159007.66	106.4
150	CCV	572543.64	111.4	11232893.17	107.0	3198321.20	107.7
151	CCB	535700.40	104.3	10743213.18	102.3	3056715.68	102.9
152	2205638-119 10X	567178.75	110.4	11347337.33	108.1	3202356.51	107.8
153	2205638-120 10X	572274.04	111.4	11356094.42	108.2	3215167.66	108.3
154	2205638-121 10X	567003.57	110.4	11248292.33	107.1	3192251.41	107.5
155	CCV	567218.19	110.4	11269234.83	107.3	3178509.43	107.0

ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
156	CCB	527391.85	102.7	11020344.42	105.0	3063599.75	103.2
157	IP220613-3MB ...	532484.04	103.7	10762538.59	102.5	3061114.95	103.1
158	IM220613-3LCS...	563126.87	109.6	11133035.67	106.0	3186561.73	107.3
159	IM220613-3LCS...	574886.34	111.9	11487223.16	109.4	3206566.93	108.0
160	2205638-122 10X	581273.34	113.1	11571578.99	110.2	3253779.74	109.6
161	2205638-123 10X	568370.54	110.6	11441220.25	109.0	3241349.74	109.1
162	2205638-124 10X	574759.39	111.9	11335876.50	108.0	3241316.30	109.1
163	2205638-125 10X	569693.30	110.9	11325169.00	107.9	3223142.25	108.5
164	2205638-126 10X	576107.04	112.1	11423414.83	108.8	3267780.16	110.0
165	2205638-128 10X	576286.17	112.2	11352197.75	108.1	3212937.66	108.2
166	2205638-129 10X	573431.97	111.6	11445374.41	109.0	3225444.64	108.6
167	CCV	581171.32	113.1	11304547.75	107.7	3252539.22	109.5
168	CCB	564629.65	109.9	11337303.58	108.0	3211979.74	108.1
169	2205638-130 10X	572323.17	111.4	11487029.41	109.4	3255012.87	109.6
170	2205638-131 10X	577551.95	112.4	11573579.83	110.2	3281593.08	110.5
171	2205638-132 10X	571453.09	111.2	11503660.66	109.6	3240381.10	109.1
172	2205638-133 10X	569048.78	110.8	11648010.24	111.0	3286009.22	110.6
173	2205638-134 10X	566229.11	110.2	11527029.83	109.8	3262639.01	109.9
174	2205638-135 10X	566703.89	110.3	11498884.83	109.5	3242737.56	109.2
175	2205638-136 10X	565515.17	110.1	11339274.00	108.0	3211803.08	108.1
176	2205638-137 10X	571351.23	111.2	11352063.17	108.1	3236512.87	109.0
177	2205638-138 10X	565315.20	110.0	11326330.67	107.9	3206832.87	108.0
178	2205638-139 10X	566425.53	110.3	11136556.50	106.1	3182970.16	107.2
179	CCV	572381.53	111.4	11257181.92	107.2	3206402.04	108.0
180	CCB	553490.71	107.7	11186506.92	106.6	3162117.35	106.5
181	2205638-140 10X	569856.88	110.9	11390797.33	108.5	3216612.14	108.3
182	2205638-141 10X	566459.79	110.3	11386443.17	108.5	3209174.01	108.1
183	2205638-142 10X	570633.52	111.1	11509548.58	109.6	3268538.39	110.1
184	CCV	574557.11	111.8	11336199.42	108.0	3202859.64	107.8
185	CCB	556718.65	108.4	11388672.75	108.5	3194581.10	107.6
186	RINSE	543861.91	105.9	11285554.41	107.5	3144070.79	105.9

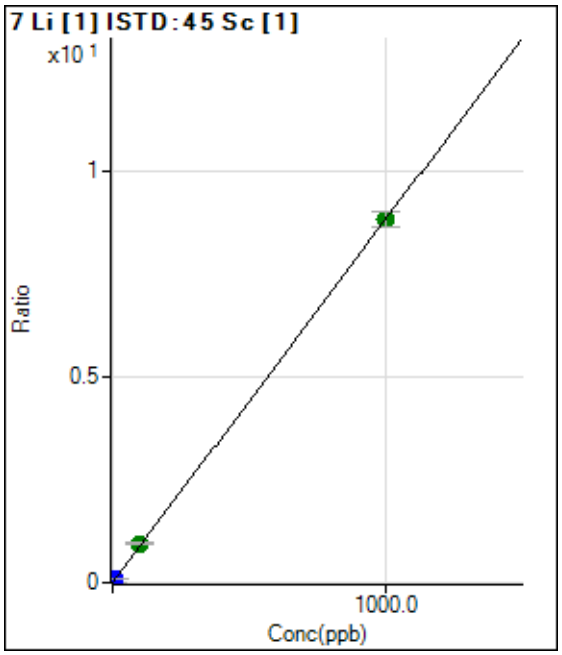
ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
187	RINSE	538626.15	104.8	11335324.00	108.0	3140961.20	105.8

Calibration for 008CALS_22F14p00.D

Batch Folder:	C:\ICPMH\1\DATA\22F14p01.B\
Analysis File:	22F14p01.batch.xml
DA Date-Time:	6/15/2022 08:06:01
Calibration Title:	
Calibration Method:	External Calibration
VIS Interpolation Fit:	
Tune Step:	#1 nogas.u
	#2 hehe.u

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB_22F14p00.D	BLANK	6/14/2022 15:10:34
2	005CALS_22F14p00.D	H/1000	6/14/2022 15:13:33
3	006CALS_22F14p00.D	H/100	6/14/2022 15:19:29
4	007CALS_22F14p00.D	H/10	6/14/2022 15:25:24
5	008CALS_22F14p00.D	HIGH	6/14/2022 15:31:17
6			



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	3015.63	0.0004	P	3.3
2	☐	1.0000	0.9607	64666.26	0.0089	P	5.6
3	☐	10.0000	9.4408	667175.31	0.0837	P	3.1
4	☐	100.0000	106.5458	7866978.33	0.9400	A	5.0
5	☐	1000.0000	999.3511	75184720.00	8.8136	A	4.1
6	☐	200.0000					

y = 0.0088 * x + 4.0805E-004

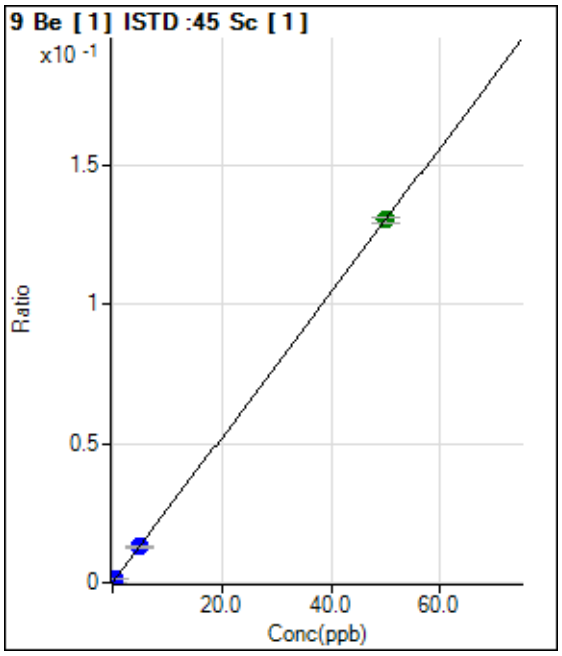
R = 1.0000

DL = 0.00452

BEC = 0.04627

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	10.00	0.0000	P	40.4
2	☐	0.0500	0.0470	902.70	0.0001	P	3.0
3	☐	0.5000	0.4880	10157.08	0.0013	P	5.6
4	☐	5.0000	4.9612	108337.50	0.0129	P	4.1
5	☐	50.0000	50.0040	1113371.79	0.1304	A	1.8
6	☐	10.0000					

y = 0.0026 * x + 1.3582E-006

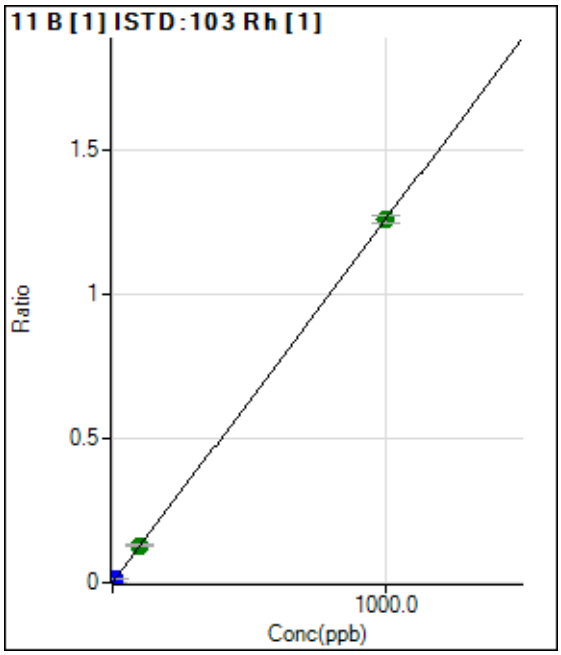
R = 1.0000

DL = 0.0006313

BEC = 0.0005207

Weight: None

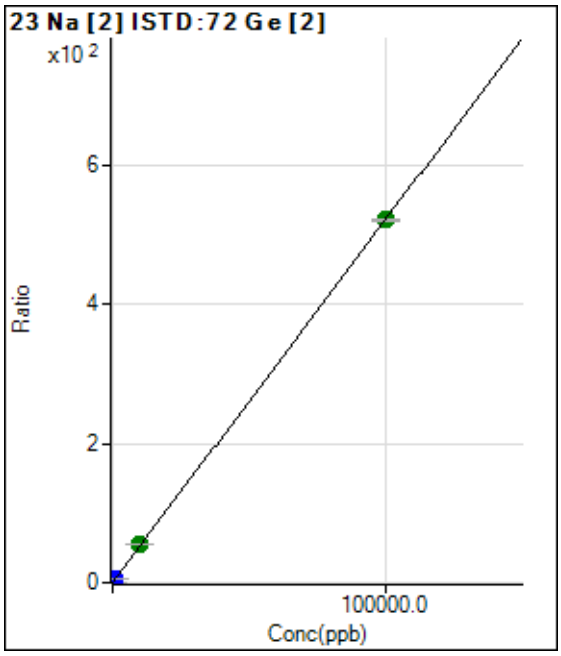
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	6981.51	0.0006	P	3.0
2	☐	1.0000	1.1324	24469.90	0.0020	P	2.5
3	☐	10.0000	9.4675	166431.96	0.0125	P	2.3
4	☐	100.0000	102.4714	1801396.60	0.1294	A	1.3
5	☐	1000.0000	999.7580	16337093.80	1.2575	A	2.0
6	☐	200.0000					

y = 0.0013 * x + 5.5868E-004
R = 1.0000
DL = 0.03991
BEC = 0.4444

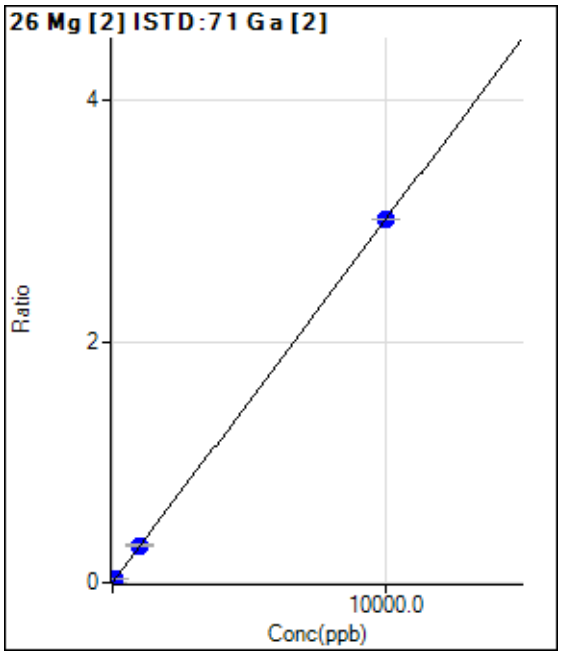
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	8345.75	0.0667	P	2.0
2	☐	100.0000	105.4438	79349.03	0.6158	P	1.1
3	☐	1000.0000	996.6688	730939.05	5.2569	P	0.8
4	☐	10000.0000	10502.8716	7987910.09	54.7603	A	0.7
5	☐	100000.0000	99949.7407	75152188.88	520.5536	A	0.8
6	☐	20000.0000					

y = 0.0052 * x + 0.0667
R = 1.0000
DL = 0.7849
BEC = 12.82

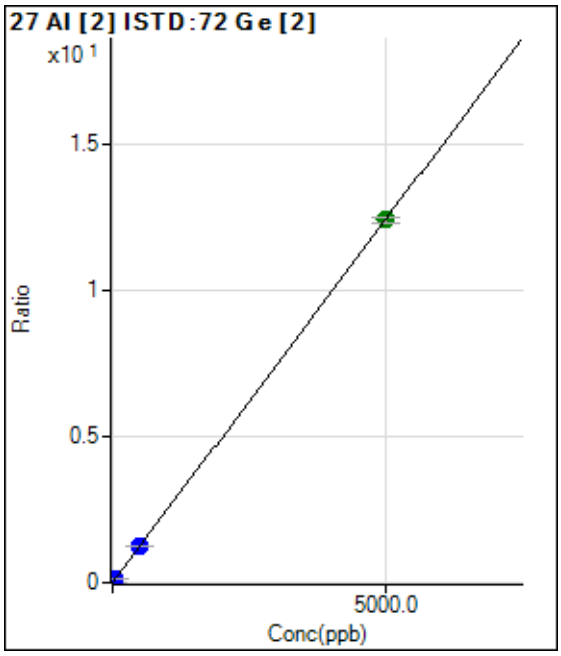
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	50.00	0.0002	P	19.5
2	☐	10.0000	10.4337	1063.42	0.0033	P	5.4
3	☐	100.0000	98.8713	10577.18	0.0299	P	0.7
4	☐	1000.0000	1019.7277	115134.66	0.3069	P	2.6
5	☐	10000.0000	9998.0381	1087763.87	3.0075	P	0.2
6	☐	2000.0000					

y = 3.0079E-004 * x + 1.5538E-004
R = 1.0000
DL = 0.3027
BEC = 0.5166

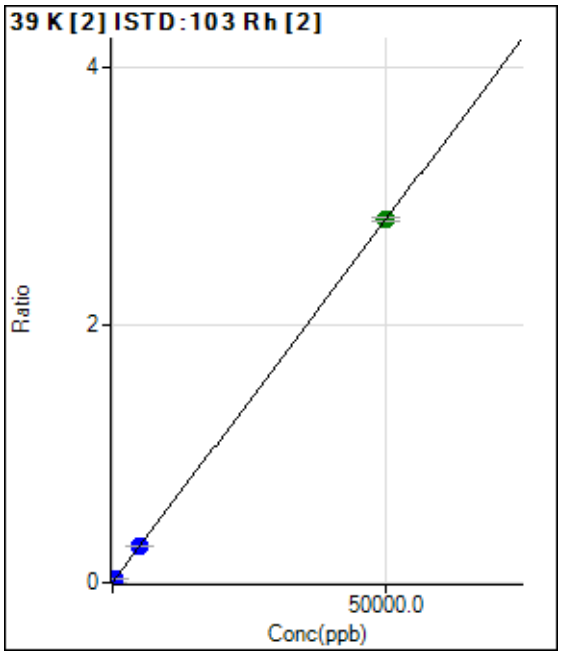
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	123.34	0.0010	P	20.5
2	☐	5.0000	5.4135	1860.20	0.0144	P	6.0
3	☐	50.0000	51.4771	17923.45	0.1289	P	2.2
4	☐	500.0000	510.3415	185148.11	1.2692	P	1.2
5	☐	5000.0000	4998.9507	1793564.45	12.4237	A	1.5
6	☐	1000.0000					

y = 0.0025 * x + 9.8630E-004
R = 1.0000
DL = 0.2436
BEC = 0.3969

Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	5761.29	0.0017	P	0.6
2	☐	50.0000	54.6212	16552.35	0.0047	P	4.9
3	☐	500.0000	486.9449	110841.73	0.0290	P	3.2
4	☐	5000.0000	4930.9093	1096662.59	0.2788	P	1.7
5	☐	50000.0000	50007.0350	10251023.80	2.8125	A	1.1
6	☐	10000.0000					

y = 5.6209E-005 * x + 0.0017

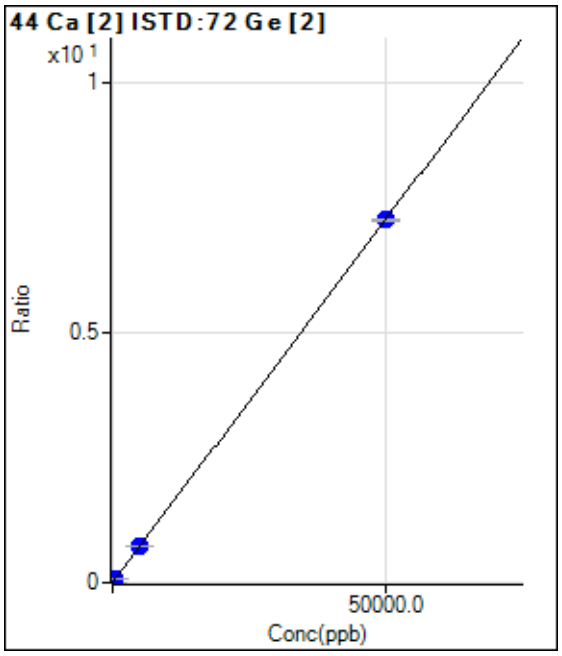
R = 1.0000

DL = 0.5691

BEC = 29.38

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	137.76	0.0011	P	12.2
2	☐	50.0000	56.5308	1198.56	0.0093	P	5.8
3	☐	500.0000	515.8983	10560.82	0.0759	P	2.4
4	☐	5000.0000	5119.1314	108506.23	0.7438	P	0.8
5	☐	50000.0000	49987.9213	1047152.07	7.2532	P	0.8
6	☐	10000.0000					

y = 1.4508E-004 * x + 0.0011

R = 1.0000

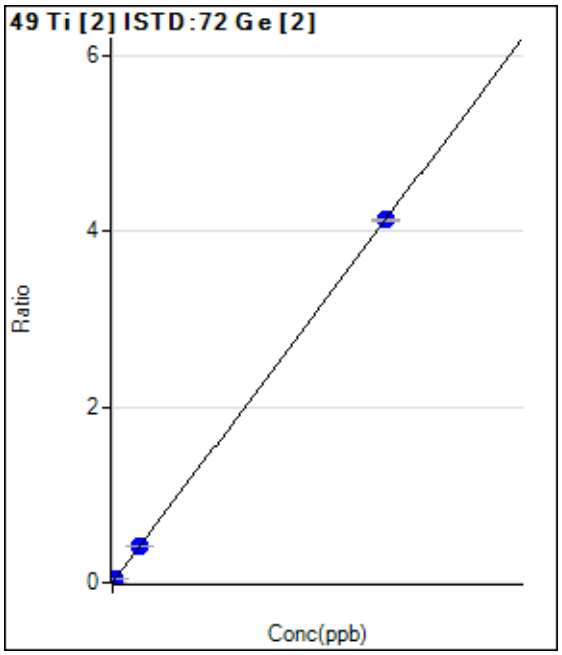
DL = 2.773

BEC = 7.591

Weight: None

Min Conc: <None>

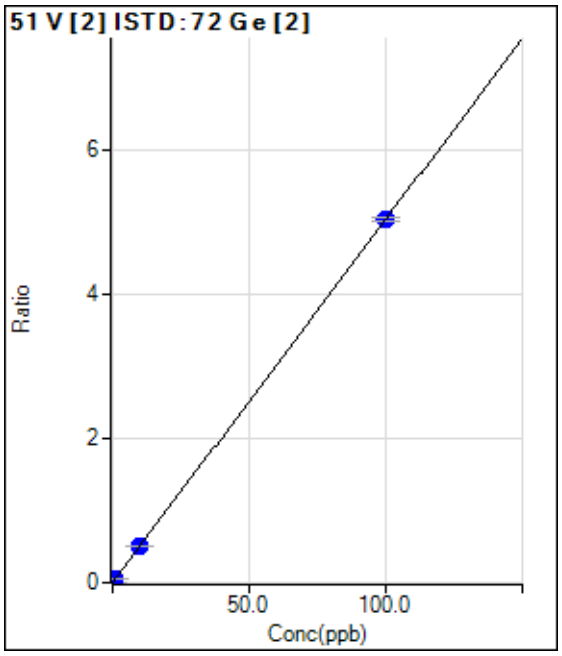
Calibration for 008CALS_22F14p00.D



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	23.33	0.0002	P	89.2
2	☐	3.0000	3.4735	640.05	0.0050	P	17.9
3	☐	30.0000	29.6645	5704.56	0.0410	P	2.3
4	☐	300.0000	300.2948	60331.41	0.4136	P	1.4
5	☐	3000.0000	2999.9734	596340.73	4.1305	P	0.8
6	☐	400.0000					

y = 0.0014 * x + 1.8740E-004
R = 1.0000
DL = 0.3641
BEC = 0.1361

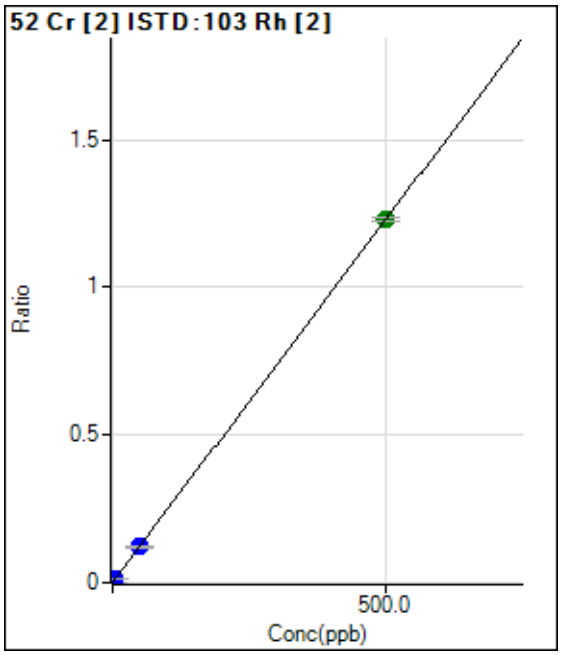
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	144.00	0.0012	P	15.4
2	☐	0.1000	0.1129	881.03	0.0068	P	2.3
3	☐	1.0000	1.0057	7202.58	0.0518	P	2.1
4	☐	10.0000	10.1273	74568.01	0.5112	P	0.6
5	☐	100.0000	99.9872	727161.54	5.0368	P	1.1
6	☐	20.0000					

y = 0.0504 * x + 0.0012
R = 1.0000
DL = 0.01055
BEC = 0.02288

Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	268.89	0.0001	P	5.4
2	☐	0.5000	0.4987	4561.81	0.0013	P	5.8
3	☐	5.0000	4.8530	45812.43	0.0120	P	2.1
4	☐	50.0000	49.1356	474931.56	0.1207	P	1.6
5	☐	500.0000	500.0879	4476653.71	1.2282	A	1.2
6	☐	100.0000					

y = 0.0025 * x + 7.7092E-005

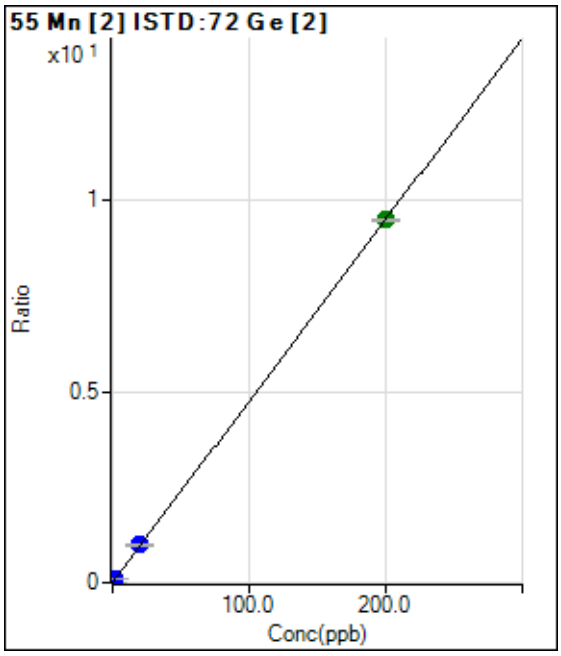
R = 1.0000

DL = 0.005093

BEC = 0.03139

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	466.68	0.0037	P	12.5
2	☐	0.2000	0.2510	2016.82	0.0157	P	2.2
3	☐	2.0000	2.1022	14400.93	0.1036	P	2.0
4	☐	20.0000	20.6030	143276.24	0.9822	P	0.2
5	☐	200.0000	199.9386	1371457.24	9.4989	A	0.4
6	☐	40.0000					

y = 0.0475 * x + 0.0037

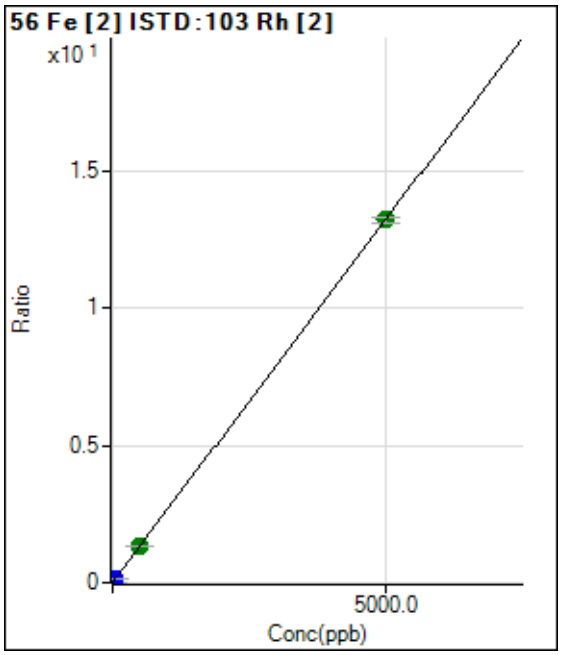
R = 1.0000

DL = 0.02946

BEC = 0.07858

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	8582.60	0.0025	P	2.6
2	☐	5.0000	5.5867	60472.63	0.0173	P	2.3
3	☐	50.0000	50.2526	517581.40	0.1355	P	0.5
4	☐	500.0000	504.9990	5269071.38	1.3395	A	0.3
5	☐	5000.0000	4999.4970	48253182.62	13.2391	A	1.4
6	☐	1000.0000					

y = 0.0026 * x + 0.0025

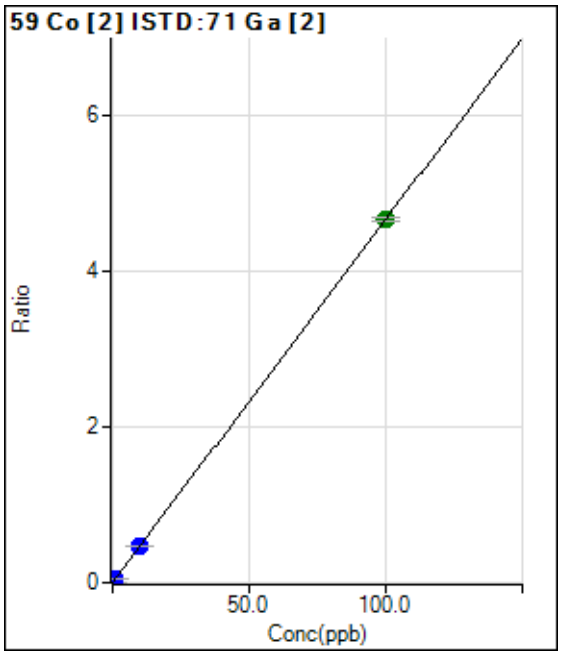
R = 1.0000

DL = 0.073

BEC = 0.9292

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	34.45	0.0001	P	31.7
2	☐	0.1000	0.1046	1609.00	0.0050	P	0.7
3	☐	1.0000	1.0298	17032.33	0.0481	P	0.7
4	☐	10.0000	10.1359	177425.55	0.4729	P	1.4
5	☐	100.0000	99.9861	1686930.97	4.6640	A	1.0
6	☐	20.0000					

y = 0.0466 * x + 1.0725E-004

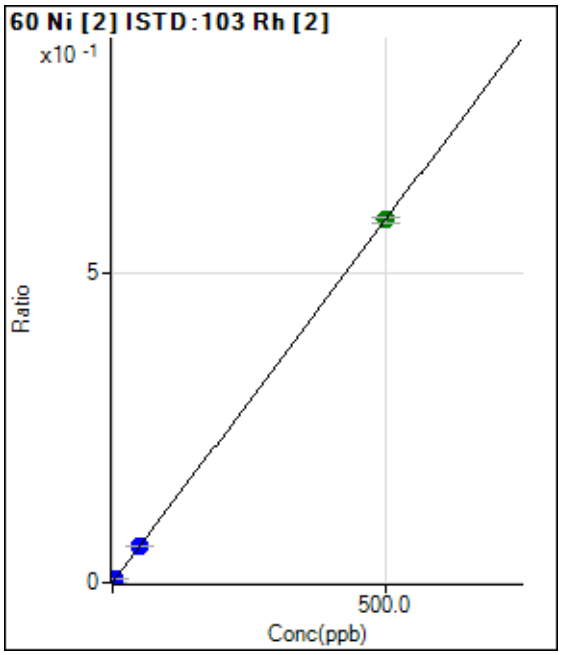
R = 1.0000

DL = 0.002189

BEC = 0.002299

Weight: None

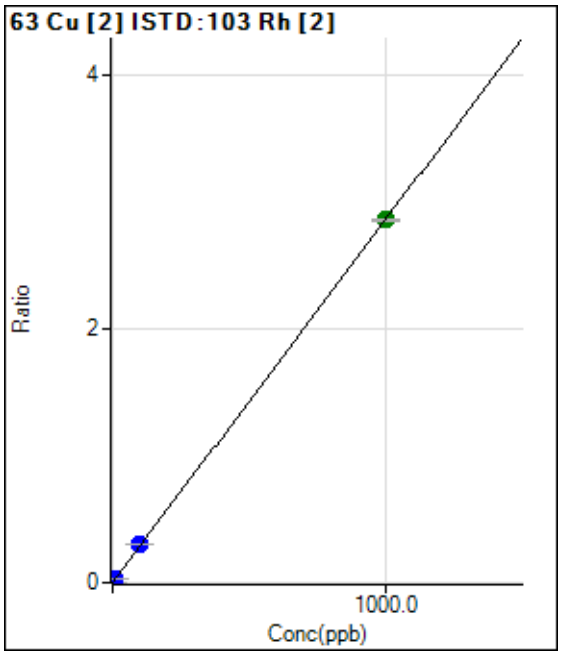
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	43.33	0.0000	P	33.2
2	☐	0.5000	0.5048	2123.51	0.0006	P	2.6
3	☐	5.0000	5.0250	22598.01	0.0059	P	1.5
4	☐	50.0000	50.2657	232366.72	0.0591	P	0.9
5	☐	500.0000	499.9732	2141287.97	0.5875	A	1.4
6	☐	100.0000					

y = 0.0012 * x + 1.2416E-005
R = 1.0000
DL = 0.01053
BEC = 0.01057

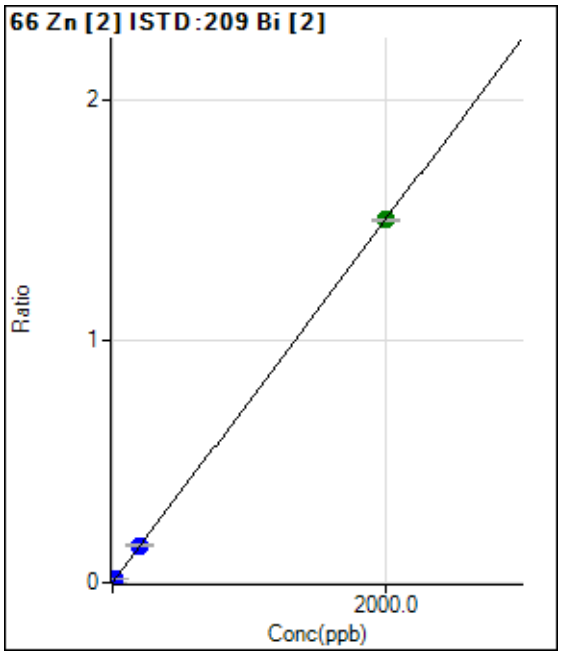
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	703.36	0.0002	P	17.7
2	☐	1.0000	1.0696	11429.69	0.0033	P	2.9
3	☐	10.0000	10.3696	114004.16	0.0298	P	0.7
4	☐	100.0000	104.3933	1174749.40	0.2987	P	0.6
5	☐	1000.0000	999.5569	10416845.14	2.8579	A	0.4
6	☐	200.0000					

y = 0.0029 * x + 2.0177E-004
R = 1.0000
DL = 0.03754
BEC = 0.07058

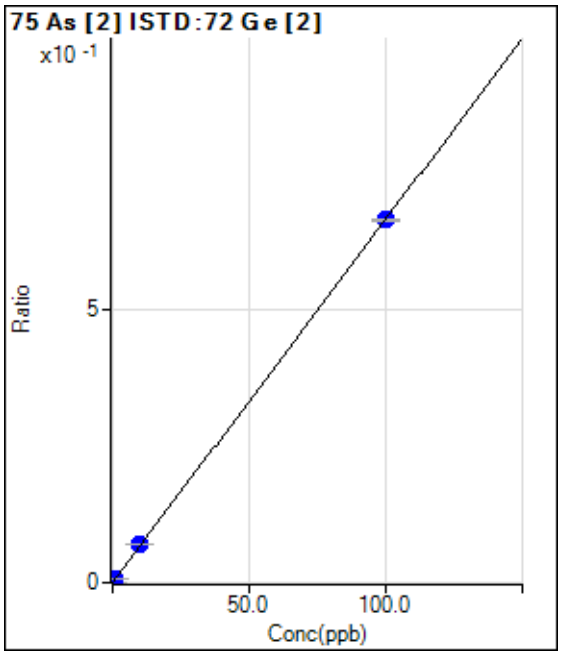
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	656.71	0.0002	P	21.3
2	☐	2.0000	2.3676	5964.69	0.0020	P	7.4
3	☐	20.0000	20.6393	51238.32	0.0157	P	0.5
4	☐	200.0000	205.2315	519514.11	0.1544	P	1.3
5	☐	2000.0000	1999.4701	4510067.33	1.5026	A	0.6
6	☐	400.0000					

y = 7.5140E-004 * x + 2.2107E-004
R = 1.0000
DL = 0.1878
BEC = 0.2942

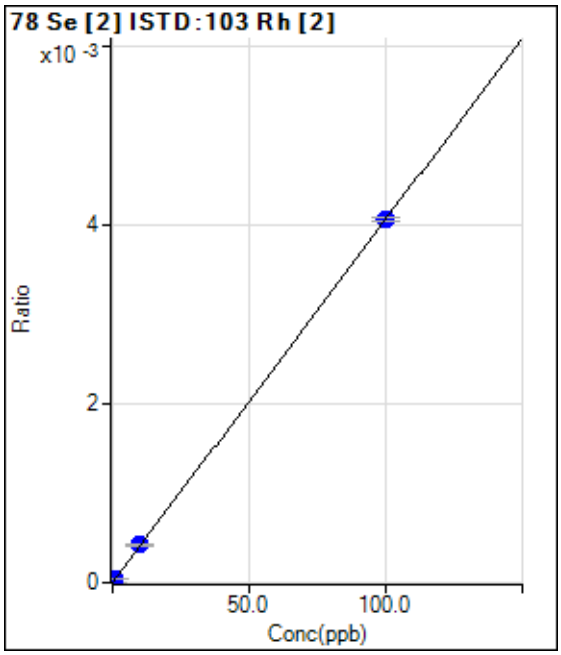
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	10.33	0.0001	P	6.1
2	☐	0.1000	0.0836	82.33	0.0006	P	7.6
3	☐	1.0000	1.0051	941.70	0.0068	P	4.1
4	☐	10.0000	10.5348	10239.57	0.0702	P	1.1
5	☐	100.0000	99.9465	96053.27	0.6653	P	0.5
6	☐	20.0000					

y = 0.0067 * x + 8.2653E-005
R = 1.0000
DL = 0.002287
BEC = 0.01242

Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	2.13	0.0000	P	54.3
2	☐	0.1000	0.0891	14.80	0.0000	P	20.1
3	☐	1.0000	0.9692	152.67	0.0000	P	7.1
4	☐	10.0000	10.4115	1665.15	0.0004	P	4.5
5	☐	100.0000	99.9592	14796.70	0.0041	P	1.2
6	☐	20.0000					

y = 4.0607E-005 * x + 6.1229E-007

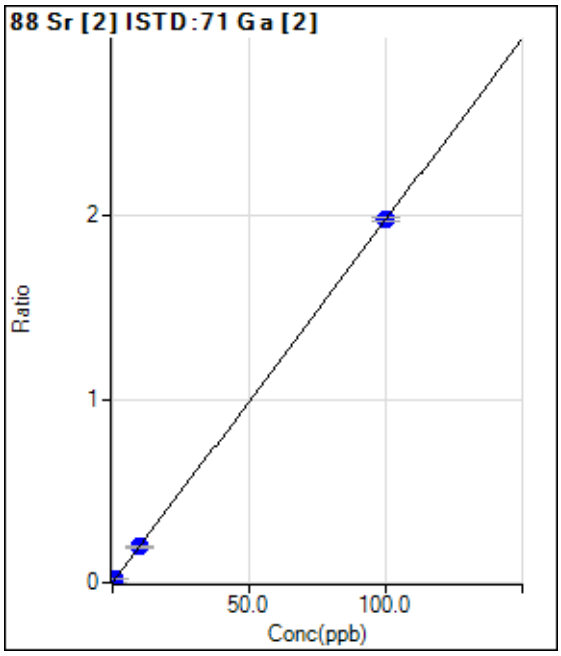
R = 1.0000

DL = 0.02456

BEC = 0.01508

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	83.34	0.0003	P	66.6
2	☐	0.1000	0.1116	796.73	0.0025	P	6.1
3	☐	1.0000	1.0071	7145.26	0.0202	P	0.5
4	☐	10.0000	9.8371	73181.76	0.1950	P	2.1
5	☐	100.0000	100.0162	716155.72	1.9800	P	1.2
6	☐	20.0000					

y = 0.0198 * x + 2.5975E-004

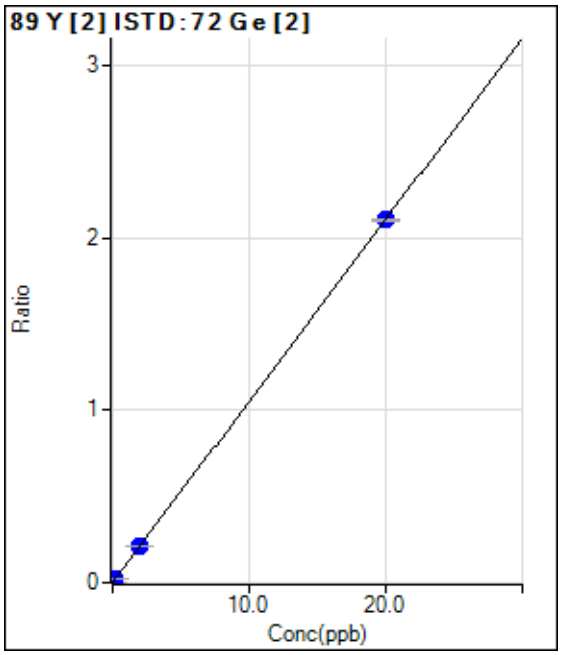
R = 1.0000

DL = 0.02621

BEC = 0.01312

Weight: None

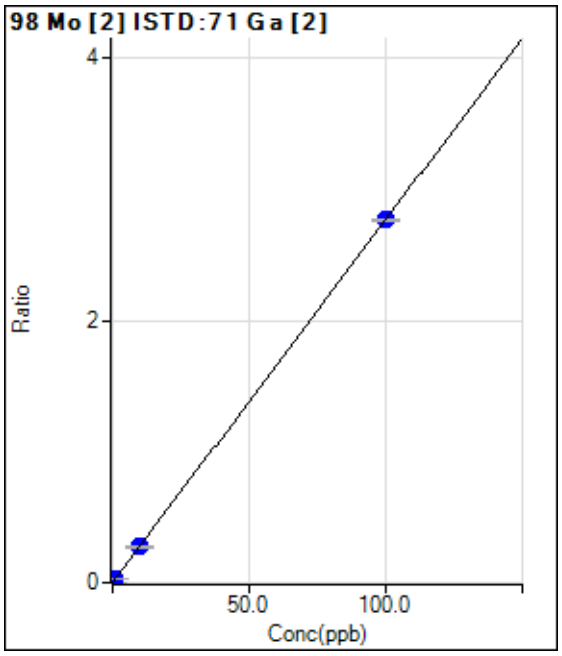
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	20.00	0.0002	P	50.3
2	☐	0.0200	0.0191	280.02	0.0022	P	6.7
3	☐	0.2000	0.1936	2857.06	0.0205	P	8.5
4	☐	2.0000	2.0392	31335.03	0.2148	P	1.8
5	☐	20.0000	19.9961	303897.34	2.1048	P	0.5
6	☐	6.0000					

y = 0.1053 * x + 1.6002E-004
R = 1.0000
DL = 0.002296
BEC = 0.00152

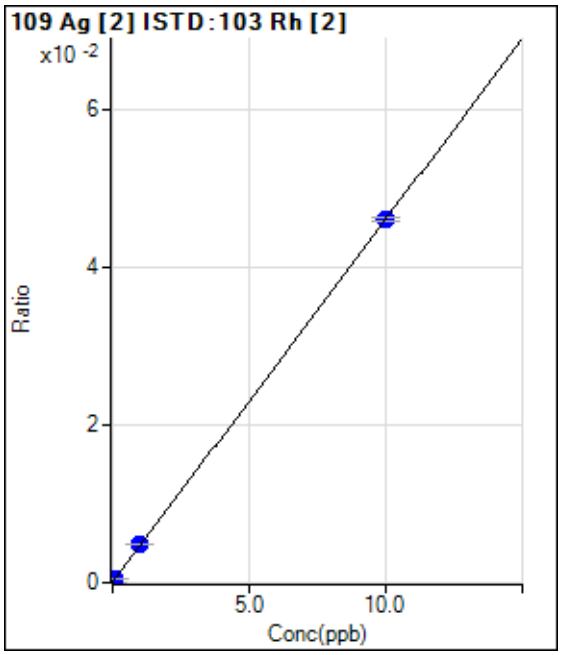
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	20.00	0.0001	P	43.9
2	☐	0.1000	0.1081	985.61	0.0031	P	10.5
3	☐	1.0000	1.0111	9924.32	0.0280	P	1.5
4	☐	10.0000	9.8677	102500.67	0.2732	P	2.1
5	☐	100.0000	100.0131	1001340.62	2.7686	P	0.7
6	☐	20.0000					

y = 0.0277 * x + 6.2167E-005
R = 1.0000
DL = 0.002955
BEC = 0.002246

Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	141.12	0.0000	P	27.1
2	☐	0.0100	0.0099	302.23	0.0001	P	7.2
3	☐	0.1000	0.0999	1913.48	0.0005	P	2.3
4	☐	1.0000	1.0461	19119.51	0.0049	P	1.5
5	☐	10.0000	9.9954	168029.83	0.0461	P	1.2
6	☐	2.0000					

y = 0.0046 * x + 4.0521E-005

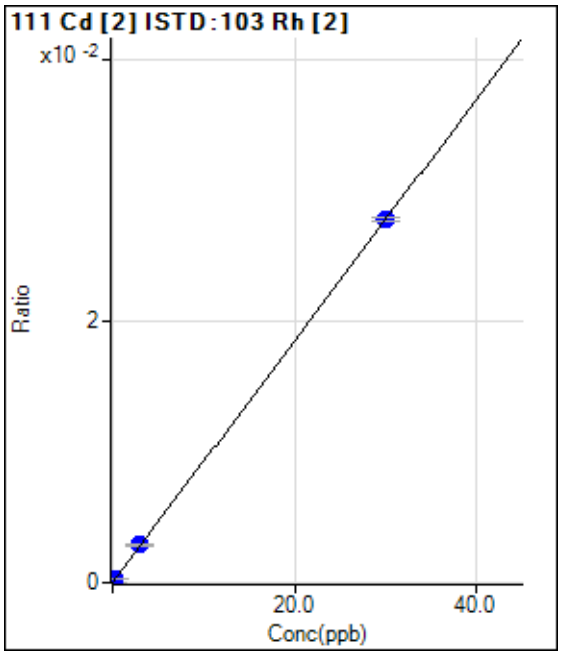
R = 1.0000

DL = 0.007141

BEC = 0.008793

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	1.33	0.0000	P	173.2
2	☐	0.0300	0.0358	117.23	0.0000	P	19.9
3	☐	0.3000	0.3063	1084.40	0.0003	P	6.8
4	☐	3.0000	3.1154	11344.00	0.0029	P	2.1
5	☐	30.0000	29.9884	101156.97	0.0278	P	0.9
6	☐	6.0000					

y = 9.2546E-004 * x + 3.7950E-007

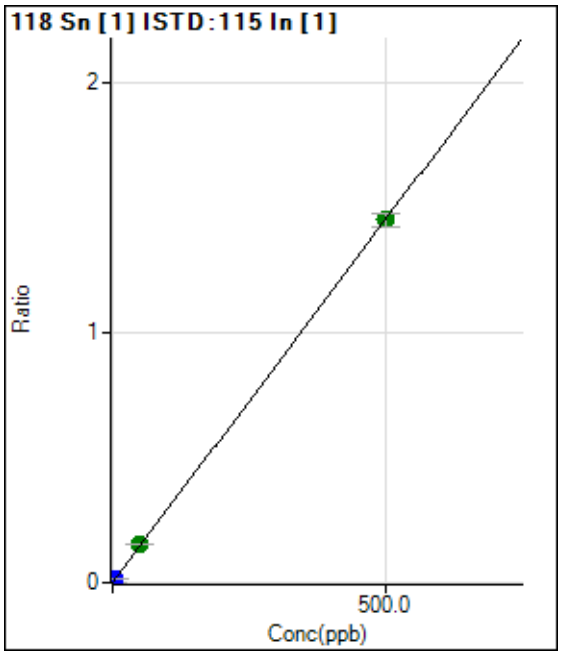
R = 1.0000

DL = 0.002131

BEC = 0.0004101

Weight: None

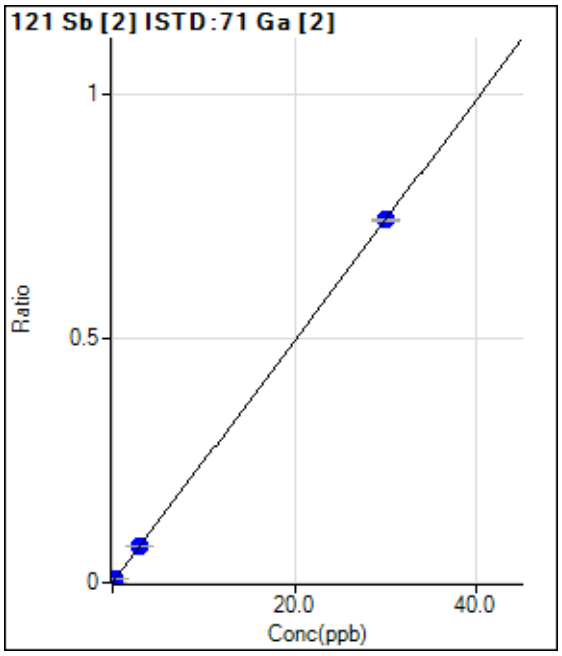
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	8079.19	0.0006	P	8.6
2	☐	0.5000	0.7844	36890.95	0.0029	P	7.2
3	☐	5.0000	4.9922	207834.87	0.0151	P	4.0
4	☐	50.0000	52.6707	2198280.44	0.1535	A	1.8
5	☐	500.0000	499.7327	19989707.62	1.4513	A	3.7
6	☐	100.0000					

y = 0.0029 * x + 6.2603E-004
R = 1.0000
DL = 0.05568
BEC = 0.2157

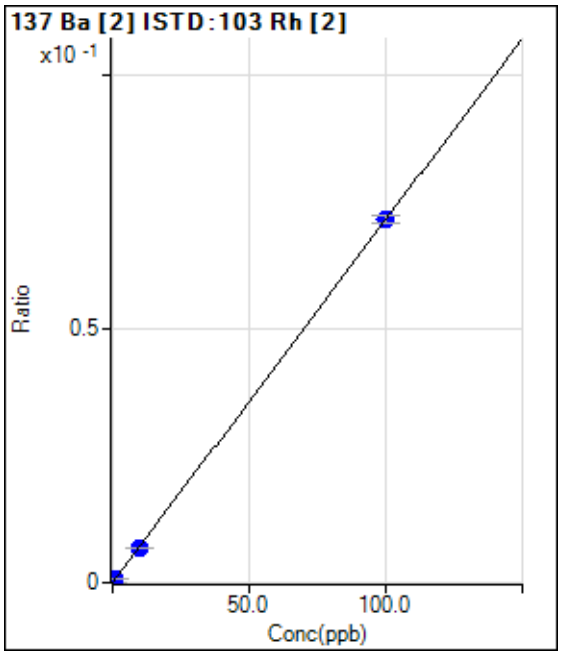
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	53.33	0.0002	P	22.1
2	☐	0.0300	0.0299	292.23	0.0009	P	10.5
3	☐	0.3000	0.3170	2831.40	0.0080	P	10.9
4	☐	3.0000	3.0224	28098.63	0.0749	P	0.7
5	☐	30.0000	29.9976	268247.87	0.7417	P	0.3
6	☐	6.0000					

y = 0.0247 * x + 1.6571E-004
R = 1.0000
DL = 0.004436
BEC = 0.006704

Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	3.33	0.0000	P	173.2
2	☐	0.1000	0.1156	293.35	0.0001	P	16.8
3	☐	1.0000	1.0491	2870.40	0.0008	P	3.2
4	☐	10.0000	9.6661	27205.05	0.0069	P	0.8
5	☐	100.0000	100.0329	260841.80	0.0716	P	2.0
6	☐	20.0000					

y = 7.1542E-004 * x + 9.5194E-007

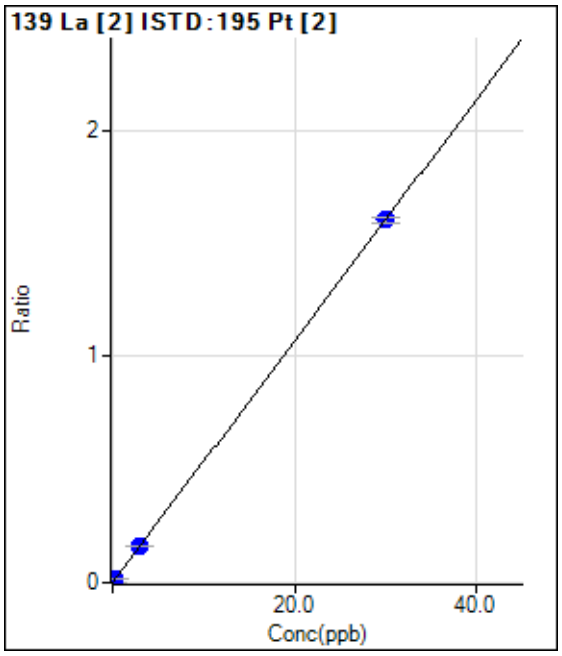
R = 1.0000

DL = 0.006914

BEC = 0.001331

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	53.34	0.0001	P	59.7
2	☐	0.0300	0.0326	963.40	0.0018	P	6.7
3	☐	0.3000	0.2908	8956.39	0.0156	P	5.6
4	☐	3.0000	2.9850	95592.73	0.1596	P	1.3
5	☐	30.0000	30.0016	907391.00	1.6037	P	1.3
6	☐	6.0000					

y = 0.0534 * x + 1.0355E-004

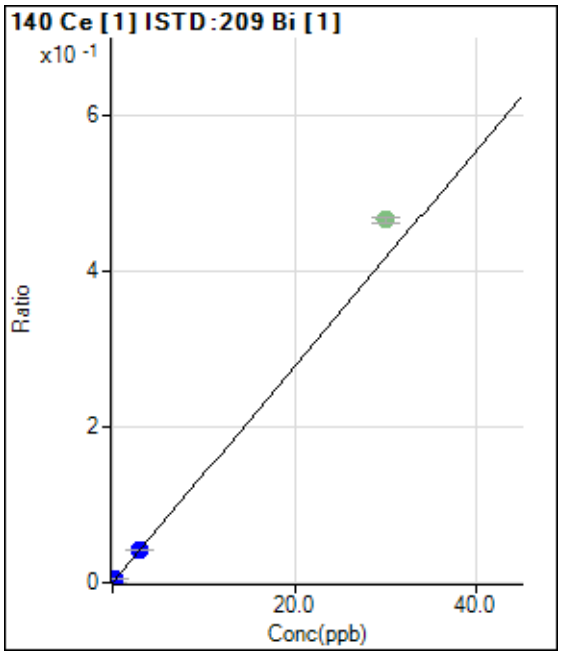
R = 1.0000

DL = 0.003471

BEC = 0.001937

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	373.36	0.0000	P	30.8
2	☐	0.0300	0.0323	5037.74	0.0005	P	2.0
3	☐	0.3000	0.2952	46484.48	0.0041	P	2.3
4	☐	3.0000	3.0005	483484.01	0.0416	P	2.7
5	☑	30.0000		4974794.93	0.4650	A	1.5
6	☐	6.0000					

y = 0.0139 * x + 3.5488E-005

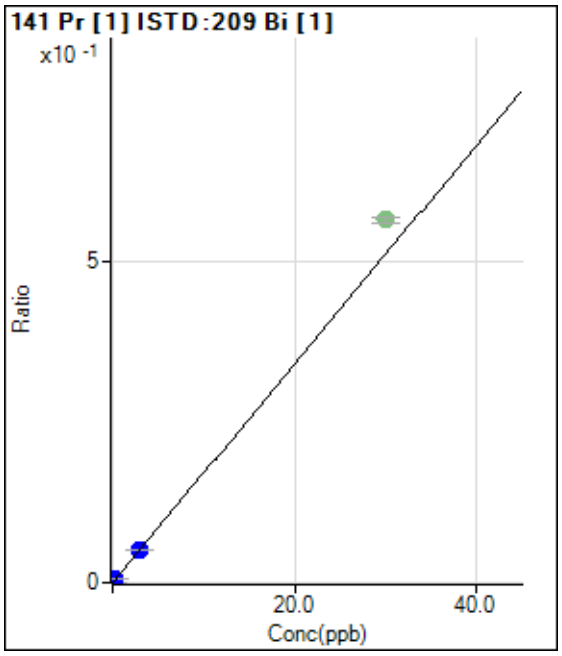
R = 1.0000

DL = 0.002369

BEC = 0.00256

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	16.67	0.0000	P	92.6
2	☐	0.0300	0.0312	5531.26	0.0005	P	8.6
3	☐	0.3000	0.2935	56297.20	0.0050	P	4.5
4	☐	3.0000	3.0006	593503.45	0.0511	P	3.2
5	☑	30.0000		6038645.53	0.5645	A	1.4
6	☐	6.0000					

y = 0.0170 * x + 1.6026E-006

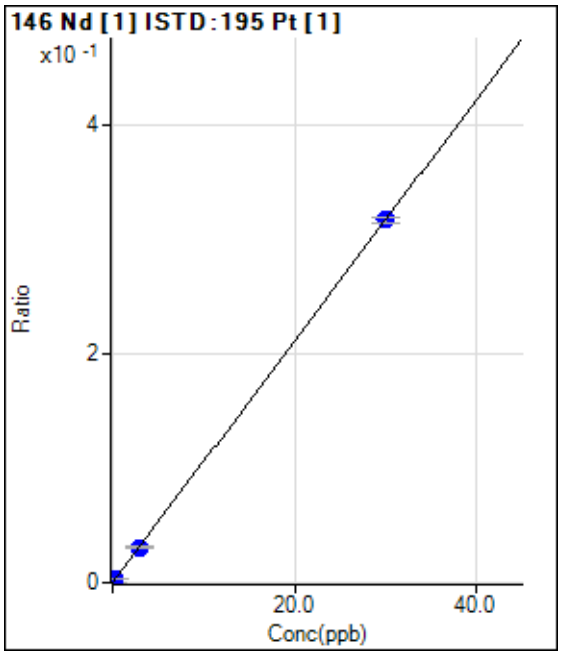
R = 1.0000

DL = 0.0002614

BEC = 9.408E-05

Weight: None

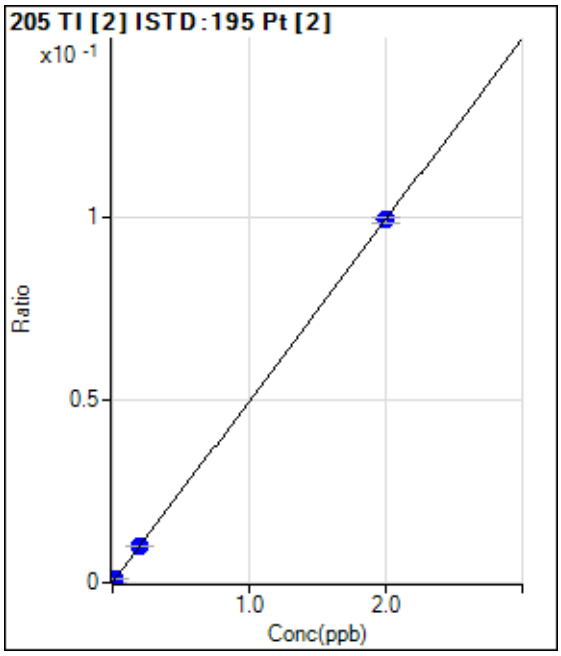
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	26.67	0.0000	P	56.6
2	☐	0.0300	0.0271	893.40	0.0003	P	15.1
3	☐	0.3000	0.2868	9723.54	0.0030	P	1.2
4	☐	3.0000	2.9066	102992.29	0.0307	P	2.6
5	☐	30.0000	30.0095	1002574.28	0.3170	P	1.6
6	☐	6.0000					

y = 0.0106 * x + 8.7990E-006
R = 1.0000
DL = 0.001415
BEC = 0.000833

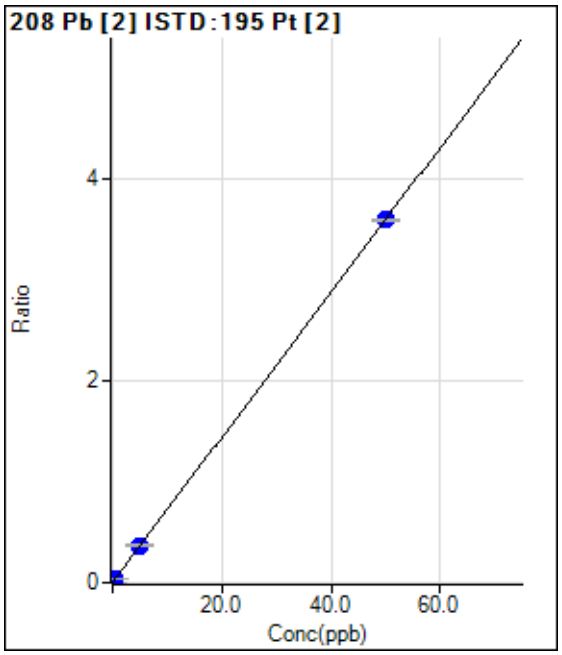
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	17.14	0.0000	P	23.3
2	☐	0.0020	0.0017	61.91	0.0001	P	6.2
3	☐	0.0200	0.0174	511.92	0.0009	P	2.0
4	☐	0.2000	0.2021	6026.50	0.0101	P	2.6
5	☐	2.0000	1.9998	56177.77	0.0993	P	1.7
6	☐	0.4000					

y = 0.0496 * x + 3.3430E-005
R = 1.0000
DL = 0.0004708
BEC = 0.0006736

Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	1033.40	0.0020	P	10.1
2	☐	0.0500	0.0556	3136.98	0.0060	P	4.6
3	☐	0.5000	0.4947	21477.26	0.0375	P	3.2
4	☐	5.0000	5.1114	220889.26	0.3689	P	2.3
5	☐	50.0000	49.9889	2031704.96	3.5906	P	0.8
6	☐	10.0000					

y = 0.0718 * x + 0.0020

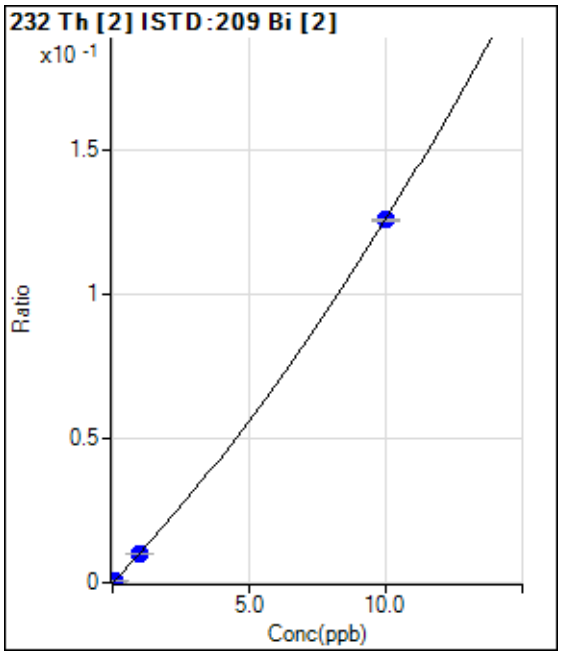
R = 1.0000

DL = 0.008496

BEC = 0.02803

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0015	44.44	0.0000	P	18.2
2	☐	0.0100	0.0217	641.14	0.0002	P	1.3
3	☐	0.1000	0.0837	2707.04	0.0008	P	1.4
4	☐	1.0000	1.0016	34287.30	0.0102	P	1.4
5	☐	10.0000	10.0000	377759.08	0.1259	P	0.3
6	☐	2.0000					

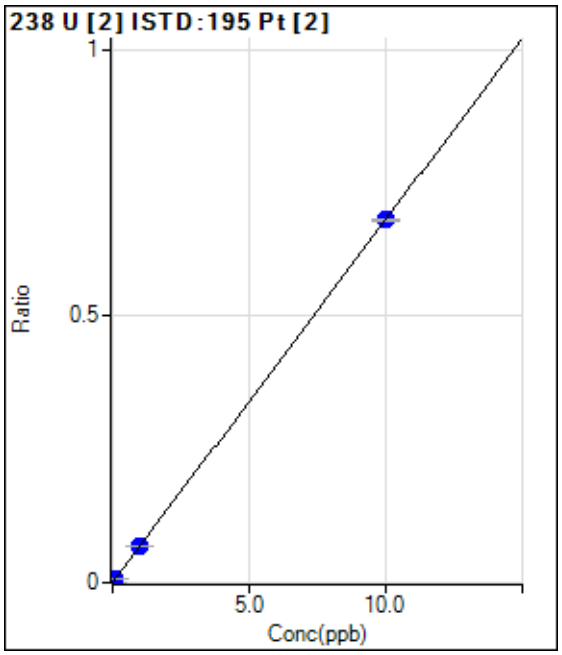
y = 2.6780E-004 * x ^ 2 + 0.0099 * x

DL = 0.0008262

BEC = 0

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	15.55	0.0000	P	69.3
2	☐	0.0100	0.0098	364.46	0.0007	P	7.0
3	☐	0.1000	0.0970	3796.11	0.0066	P	1.0
4	☐	1.0000	0.9840	40108.84	0.0670	P	0.3
5	☐	10.0000	10.0016	385122.56	0.6806	P	0.3
6	☐	2.0000					

y = 0.0680 * x + 3.0371E-005

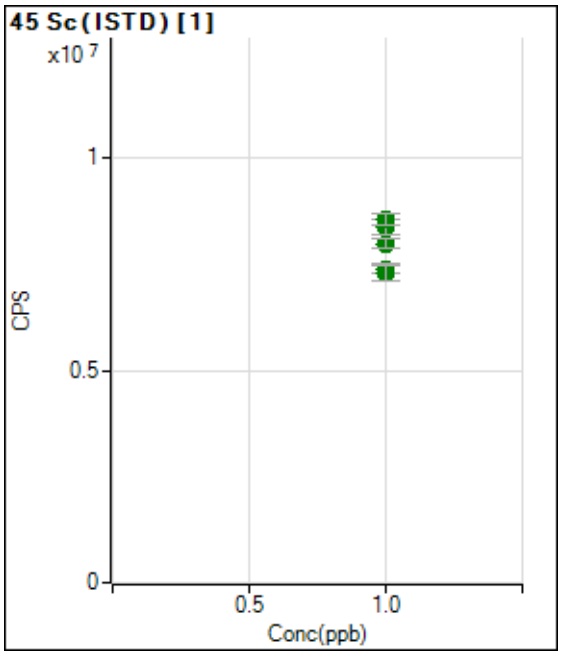
R = 1.0000

DL = 0.0009279

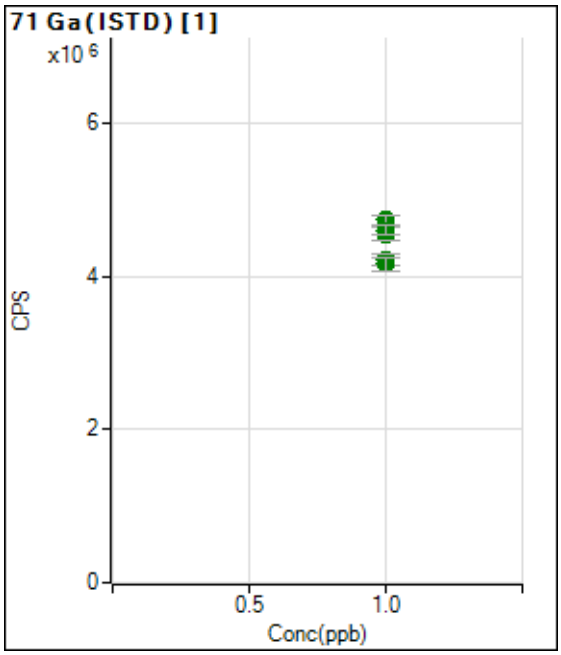
BEC = 0.0004463

Weight: None

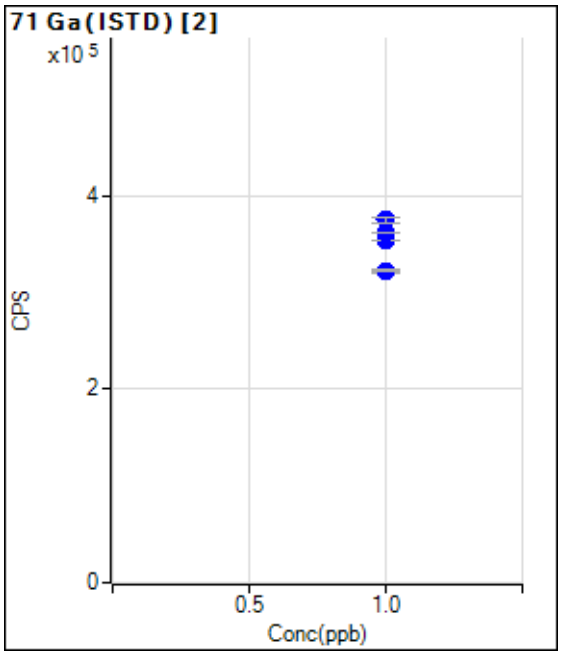
Min Conc: <None>



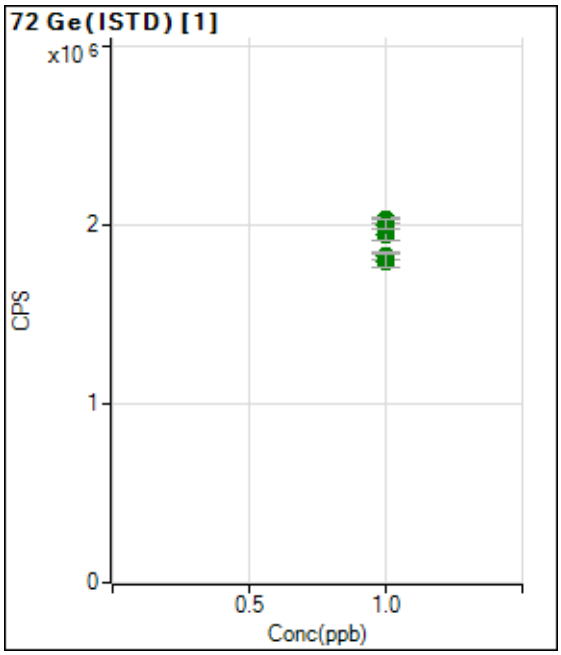
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		7391526.35		A	3.4
2	☐	1.0000		7295860.10		A	5.1
3	☐	1.0000		7979016.55		A	2.9
4	☐	1.0000		8380824.04		A	4.3
5	☐	1.0000		8538305.08		A	3.3
6	☐	1.0000					



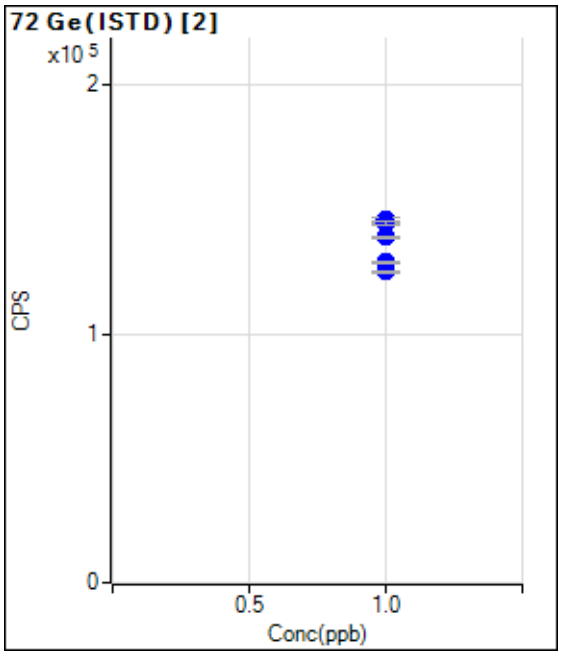
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		4223604.94		A	3.5
2	☐	1.0000		4163545.77		A	4.2
3	☐	1.0000		4552907.53		A	4.0
4	☐	1.0000		4732903.06		A	2.9
5	☐	1.0000		4596558.47		A	2.9
6	☐	1.0000					



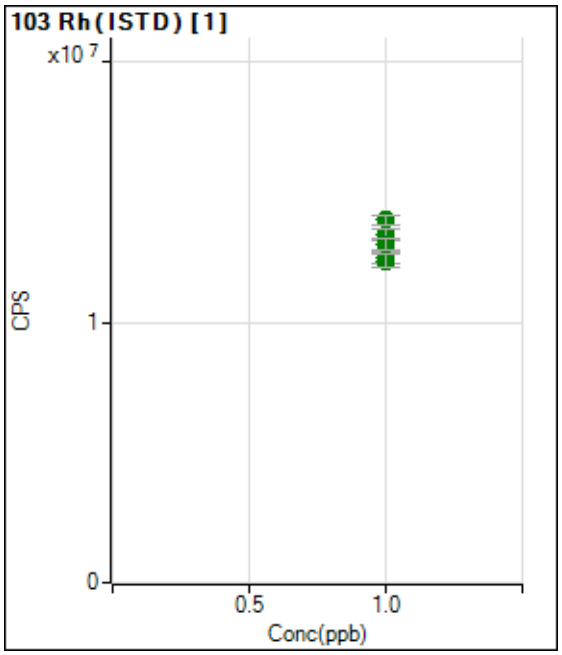
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		321578.33		P	0.6
2	☐	1.0000		322783.97		P	0.7
3	☐	1.0000		353804.04		P	0.2
4	☐	1.0000		375242.74		P	1.7
5	☐	1.0000		361680.69		P	0.3
6	☐	1.0000					



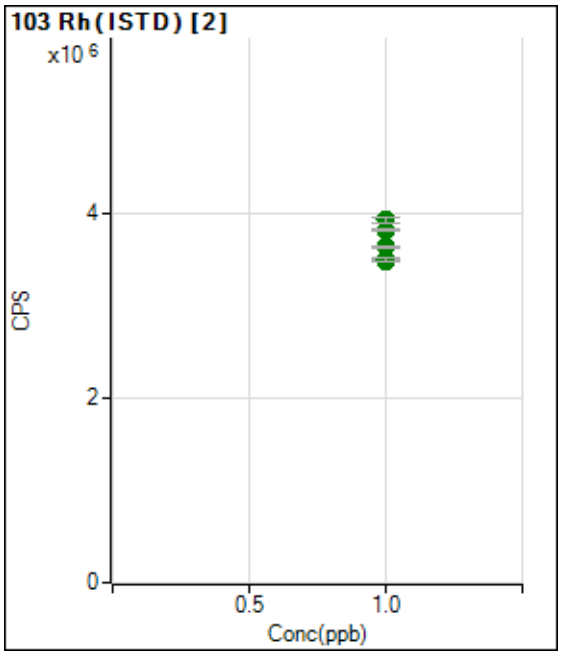
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		1826659.97		A	2.5
2	☐	1.0000		1798958.20		A	4.5
3	☐	1.0000		1945153.57		A	3.0
4	☐	1.0000		2027974.61		A	1.4
5	☐	1.0000		2001430.33		A	2.6
6	☐	1.0000					



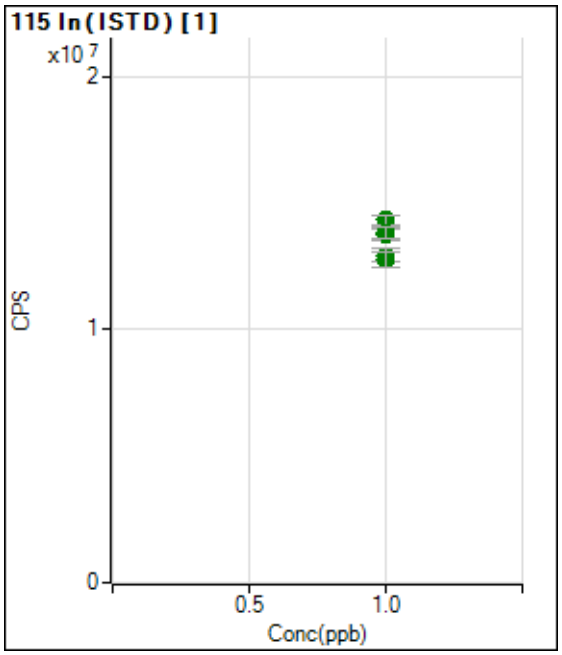
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		125049.86		P	0.8
2	☐	1.0000		128848.11		P	0.4
3	☐	1.0000		139047.88		P	0.5
4	☐	1.0000		145878.53		P	1.4
5	☐	1.0000		144377.04		P	1.0
6	☐	1.0000					



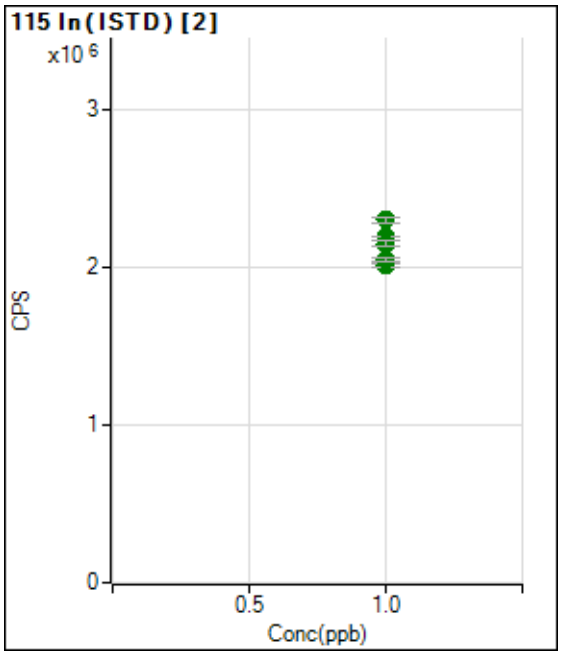
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		12496388.98		A	3.7
2	☐	1.0000		12350376.48		A	4.0
3	☐	1.0000		13362791.88		A	3.8
4	☐	1.0000		13924744.79		A	2.6
5	☐	1.0000		12997119.39		A	3.4
6	☐	1.0000					



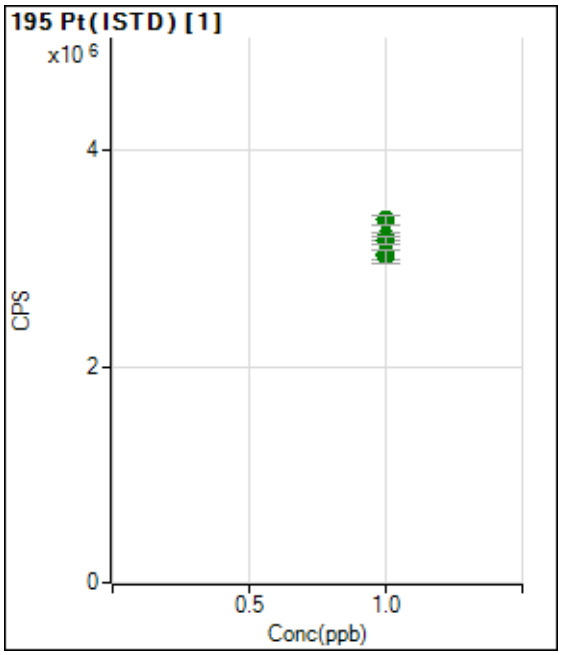
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		3488541.41		A	1.0
2	☐	1.0000		3506188.80		A	1.5
3	☐	1.0000		3819493.90		A	0.6
4	☐	1.0000		3933653.80		A	1.3
5	☐	1.0000		3644996.61		A	0.7
6	☐	1.0000					



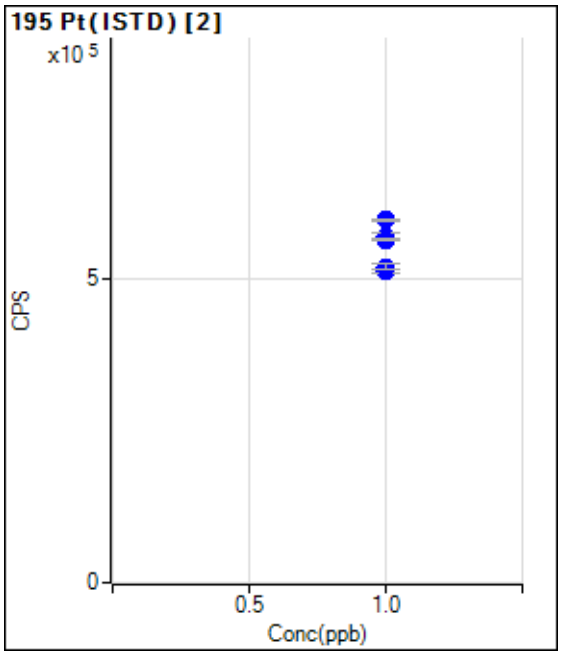
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		12935606.28		A	4.3
2	☐	1.0000		12734394.17		A	4.6
3	☐	1.0000		13760189.27		A	3.5
4	☐	1.0000		14323122.61		A	2.4
5	☐	1.0000		13785323.47		A	3.4
6	☐	1.0000					



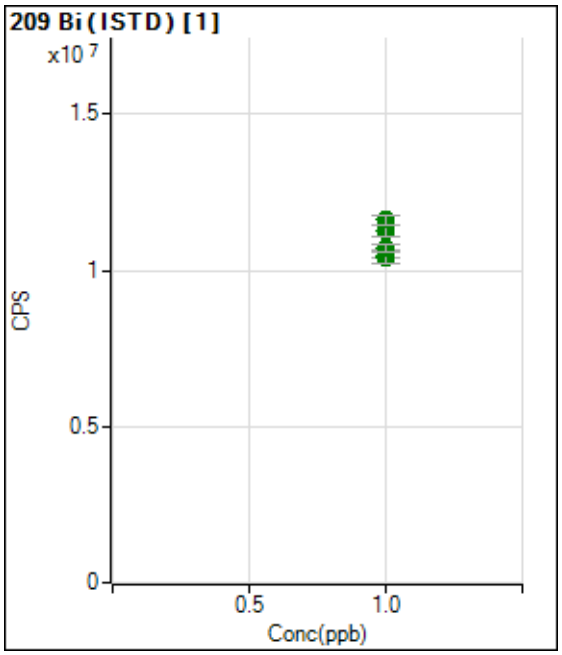
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		2012555.42		A	0.8
2	☐	1.0000		2049456.96		A	0.7
3	☐	1.0000		2192815.04		A	0.1
4	☐	1.0000		2302628.47		A	1.3
5	☐	1.0000		2151624.77		A	1.6
6	☐	1.0000					



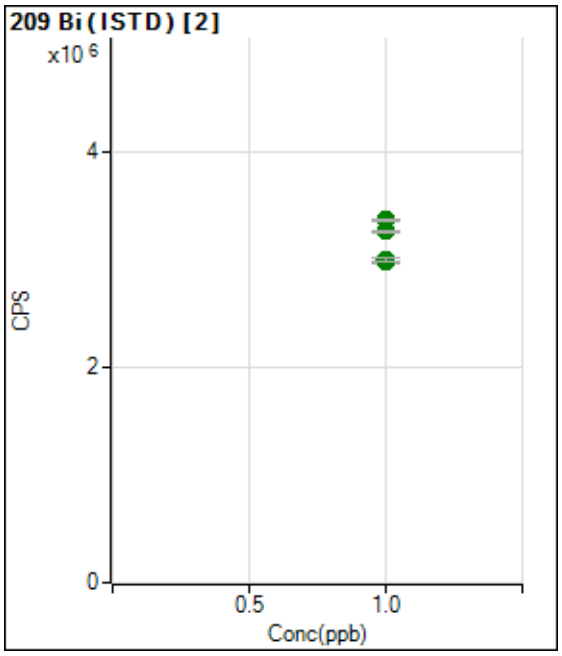
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		3032364.75		A	2.7
2	☐	1.0000		3016124.96		A	3.7
3	☐	1.0000		3201059.53		A	2.6
4	☐	1.0000		3354995.89		A	2.8
5	☐	1.0000		3163329.54		A	2.0
6	☐	1.0000					



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		513732.71		P	1.2
2	☐	1.0000		522001.26		P	1.4
3	☐	1.0000		572268.10		P	1.5
4	☐	1.0000		598759.91		P	0.8
5	☐	1.0000		565856.09		P	0.8
6	☐	1.0000					



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		10498184.01		A	2.1
2	☐	1.0000		10416955.26		A	4.3
3	☐	1.0000		11267164.00		A	2.9
4	☐	1.0000		11618752.74		A	3.0
5	☐	1.0000		10699517.34		A	2.1
6	☐	1.0000					



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		2970018.18		A	0.7
2	☐	1.0000		2985154.02		A	2.1
3	☐	1.0000		3257453.91		A	0.5
4	☐	1.0000		3364090.47		A	0.5
5	☐	1.0000		3001617.87		A	1.2
6	☐	1.0000					

QC Tune Report

Data File: C:\ICPMH\1\7500\QCTUNE.D
Date Acquired: 14 Jun 2022 08:48:59 am
Operator:
Misc Info:
Vial Number: 0
Current Method: C:\ICPMH\1\METHODS\2008TUNE.m

Minimum Response(CPS)

Element	Actual	Required	Flag

RSD (%)

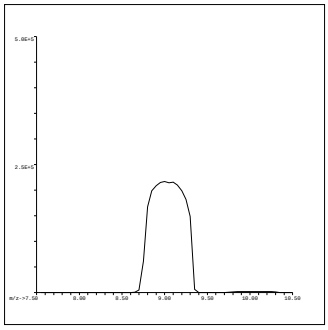
Element	Actual	Required	Flag
9 Be	1.41	5.00	
24 Mg	0.97	5.00	
25 Mg	1.34	5.00	
26 Mg	1.56	5.00	
59 Co	1.22	5.00	
115 In	1.31	5.00	
206 Pb	1.69	5.00	
207 Pb	1.52	5.00	
208 Pb	1.16	5.00	

Ion Ratio

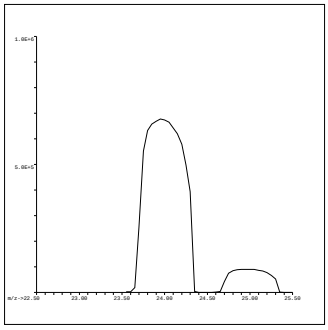
Element	Actual	Required	Flag

Maximum Bkg. Count(CPS)

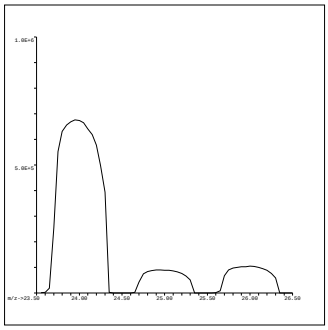
Element	Actual	Required	Flag



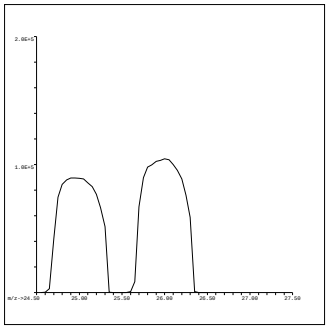
9 Be
Mass Calib.
Actual: 9.05
Required: 8.90-9.10
Flag:
Peak Width
Actual: 0.55
Required: 0.80
Flag:



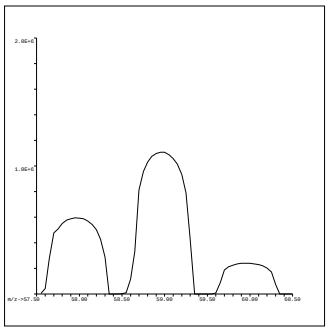
24 Mg
Mass Calib.
Actual: 23.95
Required: 23.90-24.10
Flag:
Peak Width
Actual: 0.60
Required: 0.80
Flag:



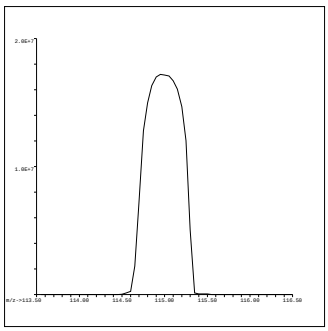
25 Mg
Mass Calib.
Actual: 24.95
Required: 24.90-25.10
Flag:
Peak Width
Actual: 0.60
Required: 0.80
Flag:



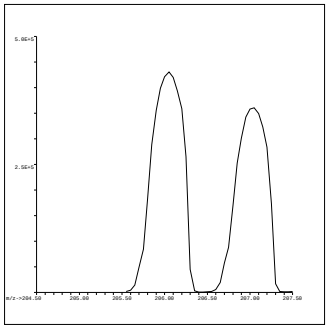
26 Mg
Mass Calib.
Actual: 26.00
Required: 25.90-26.10
Flag:
Peak Width
Actual: 0.65
Required: 0.80
Flag:



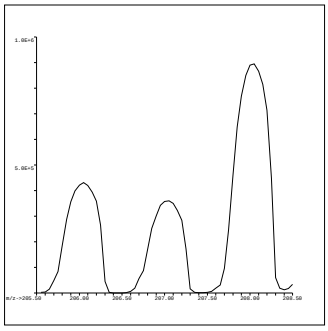
59 Co
Mass Calib.
   Actual: 58.95
   Required: 58.90-59.10
   Flag:
Peak Width
   Actual: 0.70
   Required: 0.80
   Flag:



115 In
Mass Calib.
   Actual: 115.00
   Required: 114.90-115.10
   Flag:
Peak Width
   Actual: 0.65
   Required: 0.80
   Flag:

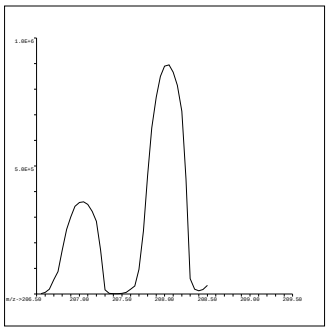


206 Pb
Mass Calib.
   Actual: 206.05
   Required: 205.90-206.10
   Flag:
Peak Width
   Actual: 0.60
   Required: 0.80
   Flag:



207 Pb
Mass Calib.
   Actual: 207.05
   Required: 206.90-207.10
   Flag:
Peak Width
   Actual: 0.55
   Required: 0.80
   Flag:

C:\ICPMH\1\7500\QCTUNE.D



208 Pb
Mass Calib.
   Actual: 208.05
   Required: 207.90-208.10
   Flag:
Peak Width
   Actual: 0.60
   Required: 0.80
   Flag:

QC Tune Result:Pass

Header Information for Analytical Sequence 22F15k00

Instrument: Agilent ICPMS Model 7700X; Serial No. JP09400112
Software Revision: B.01.01
Date of Analysis: 06/15/2022
Analyst: Jill Latelle

Calibration Standards

High Calibration Standard: ST220215-1 (expires 7/31/2022)
This standard contains the following elements at the listed concentrations (ng/ml).

100,000 - Na
50,000 - Ca, K
10,000 - Mg
5,000 - Fe, Al
3,000 - Ti
2,000 - Zn
1,000 - B, Cu, Li
500 - Cr, Ni, Sn
200 - Mn
100 - V, Co, As, Se, Mo, Ba, Sr
50 - Pb, Be
30 - Sb, Cd, La, Ce, Pr, Nd
20 - Y
10 - Th, U, Ag
2 - Tl

1/10, 1/100, and 1/1000 dilutions of the High Calibration Standard are prepared daily to provide additional calibration standards.

ICV

The ICV is prepared by diluting 10ml of the 2nd Source intermediate (ST220420-8, expires 04/30/2023) to 50ml giving the following concentrations (ng/ml).

20,000 - Na
10,000 - Ca, K
2,000 - Mg
1,000 - Fe, Al
400 - Zn, Ti
200 - B, Cu, Li
100 - Cr, Ni, Sn
60 - Nd
40 - Mn
20 - V, Co, As, Se, Mo, Ba, Sr
10 - Pb, Be
6 - Sb, Cd, La, Ce, Pr, Nd
4 - Y
2 - Th, U, Ag
0.4 - Tl

LIV

The LIV is prepared by diluting 0.05ml of the Reporting Limit Verification Spike Solution (ST220214-6 expires 7/31/2022) to 50ml giving the following concentrations (ng/ml).

100 - Na, Ca, K
20 - Ti
15 - B
10 - Al, Fe, Mg, Zn
2 - Cu, Li, Ni
1 - Cr, Se, Sn
0.5 - Ba, Co, Mn, Sr, V
0.2 - As, Cd, Mo, Pb
0.1 - Sb
0.05 - Ag, Be, Ce, La, Nd, Pr, Y
0.02 - Th
0.01- U, Tl

ICSA

The ICSA is prepared by diluting 0.5ml of ICSA intermediate (ST220110-9, expires 7/2/2024) to a final volume of 50ml giving the following concentrations (ng/ml).

42,500,000 - Cl
30,000 - Ca
25,000 - Fe, Na
20,000 - C
10,000 - Al, K, Mg, P, S
200 - Mo, Ti

ICSAB

The ICSAB is prepared by diluting 0.5ml of ICSA intermediate (ST220110-9, expires 7/2/2024) and 5ml of High Calibration Standard: ST220215-1 (expires 7/31/2022) to a final volume of 50ml. The ICSAB contains the following elements at the listed concentrations (ng/ml).

42,500,000 - Cl
35,000 - Ca, Na
25,500 - Fe
20,000 - C
15,000 - K
11,000 - Mg
10,500 - Al
10,000 - P, S
400 - Ti
210 - Mo
200 - Zn
100 - B, Cu, Li
50 - Cr, Ni, Sn
20 - Mn
10 - V, Co, As, Se, Ba, Sr
5 - Pb, Be
3 - Sb, Cd, La, Ce, Pr, Nd
2 - Y
1 - Th, U, Ag
0.2 - Tl

CCV

The CCV is prepared by diluting 5ml of the High Calibration Standard: ST220215-1 (expires 7/31/2022) to a final volume of 50ml. The CCV contains the following elements at the listed concentrations (ng/ml).

10,000 - Na
5,000 - Ca, K
1,000 - Mg
500 - Fe, Al
300 - Ti
200 - Zn
100 - B, Cu, Li
50 - Cr, Ni, Sn
20 - Mn
10 - V, Co, As, Se, Mo, Ba, Sr
5 - Pb, Be
3 - Sb, Cd, La, Ce, Pr, Nd
2 - Y
1 - Th, U, Ag
0.2 - Tl

Linear Dynamic Range Standards

The LDR standard is prepared by diluting 1ml of the High Calibration Standard Intermediate Mix (ST220214-8, expires 7/31/2022) to a final volume of 10ml. The LDR standard contains the following elements at the listed concentrations (ng/ml).

100,000 - Mg
50,000 - Fe, Al
30,000 - Ti
20,000 - Zn
10,000 - B, Cu, Li
5,000 - Cr, Ni, Sn
2,000 - Mn
1,000 - V, Co, As, Se, Mo, Ba, Sr
500 - Pb, Be
300 - Sb, Cd, La, Ce, Pr, Nd
200 – Y, U
100 - Th, Ag
20 - Tl

LDR-Ca,Na,K

1000 Na

The 1000 Na standard is prepared by diluting 1ml of the 10000mg/L Na stock solution (ST200919-1, expires 12/31/26) to a final volume of 10ml. The 1000 Na standard contains Na at 1000000 ng/ml.

500 Ca

The 500 Ca standard is prepared by diluting 0.5ml of the 10000mg/L Ca stock solution (ST1910025-5, expires 07/31/26) to a final volume of 10ml. The 500 Ca standard contains Ca at 500000 ng/ml.

500 K

The 500 K standard is prepared by diluting 0.5ml of the 10000mg/L K stock solution (ST191002-7, expires 12/31/25) to a final volume of 10ml. The 500 K standard contains K at 500000 ng/ml.

Linear Dynamic Range

The instrument Linear Dynamic Range (LDR) is determined once every six months. The instrument LDR is given below (ng/ml).

1,000,000 - Na
500,000 - Ca, K
100,000 - Mg
50,000 - Fe, Al
30,000 - Ti
20,000 - Zn
10,000 - B, Cu, Li
5,000 - Cr, Ni, Sn
2,000 - Mn
1,000 - V, Co, As, Se, Mo, Ba, Sr
500 - Pb, Be
300 - Sb, Cd, La, Ce, Pr, Nd
200 - Y, U
100 - Th, Ag
20 - Tl

ICB/CCB and all diluent

1% HNO_3, 1%HCl in double deionized water

HNO_3 Lot No. 197345
HCl Lot No. 212747

Internal Standards

The internal standard intermediate contains 1 PPM each of Ga, Ge, Pt, In, Rh, Bi and Sc. This intermediate is added to all standards and samples in the same proportion by a peristaltic pump.

Ga - ST190204-3, expires 09/30/2024
Ge – ST210225-2, expires 07/07/2024
Pt - ST190118-3, expires 04/30/2025
In - ST190118-7, expires 10/19/2022
Rh – ST210225-3, expires 11/22/2023
Bi - ST190118-1, expires 04/30/2025
Sc – ST210225-4, expires 01/11/2024

Pipet ID Numbers

1.0 to 5.0 ml -- M-07
0.1 to 1.0ml -- M-61
0.01 to 0.1ml -- M-57

Dilutions

2X dilutions made by diluting 5ml of sample to 10ml final volume
5X dilutions made by diluting 1ml of sample to 5ml final volume
10X dilutions made by diluting 1ml of sample to 10ml final volume
50X dilutions made by diluting 0.1ml of sample to 5ml final volume
100X dilutions made by diluting 0.1ml of sample to 10ml final volume
200X dilutions made by diluting 0.05ml of sample to 10ml final volume
500X dilutions made by diluting 0.02ml of sample to 10ml final volume

Analytical Spikes

2205638-80A was post spiked by diluting the High Calibration Standard (ST220215-1, expires 7/31/2022) and the Cation Spike (ST220426-2, expires 06/30/2023) 500 fold then ten-fold dilution of the sample digestates.

Daily Maintenance Items

1. Check / change pump tubing
2. Check / clean drain containers
3. Tune instrument per manufacturer's procedures
4. Perform resolution / mass calibration / stability test and print QC tune report

Monthly Maintenance Items

1. Check / clean torch and cones
2. Check / clean nebulizer and spray chamber
3. Check / fill water recirculating reservoir
4. Check / fill vacuum pump oil

Additional Comments

No additional comments.

Batch Summary Report

Batch Folder: C:\ICPMH\1\DATA\22F15k00.B\
Analysis File: 22F15k00.batch.xml
Tune Step: #1 nogas.u
#2 hehe.u

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
1		6/15/2022 09:30:20	001CALB_22F15j00.D	RINSE	CalBlk	1	1.0000
2		6/15/2022 09:33:18	002CALB_22F15j00.D	RINSE	CalBlk	1	1.0000
3		6/15/2022 09:36:17	003CALB_22F15j00.D	RINSE	CalBlk	1	1.0000
4		6/15/2022 09:39:16	004CALB_22F15j00.D	BLANK	CalBlk	1	1.0000
5		6/15/2022 09:42:17	005CALS_22F15j00.D	H/1000	CalStd	2	1.0000
6		6/15/2022 09:48:14	006CALS_22F15j00.D	H/100	CalStd	3	1.0000
7		6/15/2022 09:54:11	007CALS_22F15j00.D	H/10	CalStd	4	1.0000
8		6/15/2022 10:00:03	008CALS_22F15j00.D	HIGH	CalStd	5	1.0000
9		6/15/2022 10:28:40	001SMPL.D	RINSE	Sample		1.0000
10		6/15/2022 10:31:39	002SMPL.D	ICV	6-ICV		1.0000
11		6/15/2022 10:37:31	003SMPL.D	ICB	6-CCB		1.0000
12		6/15/2022 10:40:32	004SMPL.D	LIV	RLCV		1.0000
13		6/15/2022 10:43:31	005SMPL.D	ICSA	6-ICSA		1.0000
14		6/15/2022 10:49:25	006SMPL.D	ICSAB	6-ICSAB		1.0000
15		6/15/2022 10:55:18	007SMPL.D	CCV	6-CCV		1.0000
16		6/15/2022 11:01:12	008SMPL.D	CCB	6-CCB		1.0000
17		6/15/2022 11:04:10	009SMPL.D	2205638-64 100X	Sample		1.0000
18		6/15/2022 11:07:09	010SMPL.D	2205638-68 100X	Sample		1.0000
19		6/15/2022 11:10:06	011SMPL.D	2205638-69 100X	Sample		1.0000
20		6/15/2022 11:13:03	012SMPL.D	2205638-70 100X	Sample		1.0000
21		6/15/2022 11:16:00	013SMPL.D	2205638-74 100X	Sample		1.0000
22		6/15/2022 11:18:58	014SMPL.D	2205638-113 100X	Sample		1.0000
23		6/15/2022 11:21:56	015SMPL.D	2205638-115 100X	Sample		1.0000
24		6/15/2022 11:24:56	016SMPL.D	2205638-130 10X	Sample		1.0000
25		6/15/2022 11:27:49	017SMPL.D	2205638-131 10X	Sample		1.0000
26		6/15/2022 11:30:45	018SMPL.D	2205638-131 100X	Sample		1.0000
27		6/15/2022 11:36:39	0196CCV.D	CCV	6-CCV		1.0000

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
28		6/15/2022 11:42:33	0206CCB.D	CCB	6-CCB		1.0000
29		6/15/2022 11:45:33	021SMPL.D	2205638-132 10X	Sample		1.0000
30		6/15/2022 11:48:31	022SMPL.D	2205638-132 100X	Sample		1.0000
31		6/15/2022 11:51:30	023SMPL.D	2205638-133 10X	Sample		1.0000
32		6/15/2022 11:54:27	024SMPL.D	2205638-133 100X	Sample		1.0000
33		6/15/2022 11:57:24	025SMPL.D	2205638-134 10X	Sample		1.0000
34		6/15/2022 12:00:21	026SMPL.D	2205638-134 100X	Sample		1.0000
35		6/15/2022 12:03:19	027SMPL.D	2205638-135 10X	Sample		1.0000
36		6/15/2022 12:06:16	028SMPL.D	2205638-135 100X	Sample		1.0000
37		6/15/2022 12:09:13	029SMPL.D	2205638-136 10X	Sample		1.0000
38		6/15/2022 12:12:08	030SMPL.D	2205638-137 10X	Sample		1.0000
39		6/15/2022 12:17:59	0316CCV.D	CCV	6-CCV		1.0000
40		6/15/2022 12:23:53	0326CCB.D	CCB	6-CCB		1.0000
41		6/15/2022 12:26:53	033SMPL.D	2205638-138 10X	Sample		1.0000
42		6/15/2022 12:29:47	034SMPL.D	2205638-139 10X	Sample		1.0000
43		6/15/2022 12:32:42	035SMPL.D	2205638-140 10X	Sample		1.0000
44		6/15/2022 12:35:38	036SMPL.D	2205638-141 10X	Sample		1.0000
45		6/15/2022 12:38:32	037SMPL.D	2205638-142 10X	Sample		1.0000
46		6/15/2022 12:44:24	0386CCV.D	CCV	6-CCV		1.0000
47		6/15/2022 12:50:19	0396CCB.D	CCB	6-CCB		1.0000
48		6/15/2022 12:53:18	0406CCB.D	IP220613-5MB 10X	6-CCB		1.0000
49		6/15/2022 12:56:16	041_LCS.D	IM220613-5LCS 10X	6-LCS		1.0000
50		6/15/2022 13:02:10	042_LCS.D	IM220613-5LCSD 10X	6-LCS		1.0000
51		6/15/2022 13:08:02	043SMPL.D	2205638-143 10X	Sample		1.0000
52		6/15/2022 13:10:58	044SMPL.D	2205638-143 100X	Sample		1.0000
53		6/15/2022 13:13:57	045SMPL.D	2205638-144 10X	Sample		1.0000
54		6/15/2022 13:16:53	046SMPL.D	2205638-144 100X	Sample		1.0000
55		6/15/2022 13:19:52	047SMPL.D	2205638-145 10X	Sample		1.0000
56		6/15/2022 13:22:47	048SMPL.D	2205638-145 100X	Sample		1.0000
57		6/15/2022 13:28:44	0496CCV.D	CCV	6-CCV		1.0000
58		6/15/2022 13:34:38	0506CCB.D	CCB	6-CCB		1.0000
59		6/15/2022 13:37:39	051SMPL.D	2205638-146 10X	Sample		1.0000
60		6/15/2022 13:40:35	052SMPL.D	2205638-146 100X	Sample		1.0000

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
61		6/15/2022 13:43:34	053SMPL.D	2205638-147 10X	Sample		1.0000
62		6/15/2022 13:46:31	054SMPL.D	2205638-147 100X	Sample		1.0000
63		6/15/2022 13:49:30	055SMPL.D	2205638-148 10X	Sample		1.0000
64		6/15/2022 13:52:26	056SMPL.D	2205638-149 10X	Sample		1.0000
65		6/15/2022 13:55:21	057SMPL.D	2205638-150 10X	Sample		1.0000
66		6/15/2022 13:58:17	058SMPL.D	2205638-150 100X	Sample		1.0000
67		6/15/2022 14:01:16	059SMPL.D	2205638-151 10X	Sample		1.0000
68		6/15/2022 14:04:12	060SMPL.D	2205638-151 100X	Sample		1.0000
69		6/15/2022 14:10:07	0616CCV.D	CCV	6-CCV		1.0000
70		6/15/2022 14:16:01	0626CCB.D	CCB	6-CCB		1.0000
71		6/15/2022 14:19:00	063SMPL.D	2205638-152 10X	Sample		1.0000
72		6/15/2022 14:21:55	064SMPL.D	2205638-152 100X	Sample		1.0000
73		6/15/2022 14:24:56	065SMPL.D	2205638-153 10X	Sample		1.0000
74		6/15/2022 14:27:51	066SMPL.D	2205638-154 10X	Sample		1.0000
75		6/15/2022 14:30:50	067SMPL.D	2205638-155 10X	Sample		1.0000
76		6/15/2022 14:33:45	068SMPL.D	2205638-156 10X	Sample		1.0000
77		6/15/2022 14:36:42	069SMPL.D	2205638-157 10X	Sample		1.0000
78		6/15/2022 14:39:37	070SMPL.D	2205638-158 10X	Sample		1.0000
79		6/15/2022 14:42:33	071SMPL.D	2205638-159 10X	Sample		1.0000
80		6/15/2022 14:45:29	072SMPL.D	2205638-160 10X	Sample		1.0000
81		6/15/2022 14:51:22	0736CCV.D	CCV	6-CCV		1.0000
82		6/15/2022 14:57:17	0746CCB.D	CCB	6-CCB		1.0000
83		6/15/2022 15:00:17	075SMPL.D	2205638-161 10X	Sample		1.0000
84		6/15/2022 15:03:11	076SMPL.D	2205638-162 10X	Sample		1.0000
85		6/15/2022 15:09:02	0776CCV.D	CCV	6-CCV		1.0000
86		6/15/2022 15:14:57	0786CCB.D	CCB	6-CCB		1.0000
87		6/15/2022 15:17:56	0796CCB.D	IP220613-6MB 10X	6-CCB		1.0000
88		6/15/2022 15:20:56	080_LCS.D	IM220613-6LCS 10X	6-LCS		1.0000
89		6/15/2022 15:26:52	081SMPL.D	2205638-164 10X	Sample		1.0000
90		6/15/2022 15:29:47	082SMPL.D	2205638-165 10X	Sample		1.0000
91		6/15/2022 15:32:42	083SMPL.D	2205638-166 10X	Sample		1.0000
92		6/15/2022 15:35:38	084SMPL.D	2205638-167 10X	Sample		1.0000
93		6/15/2022 15:38:35	085SMPL.D	2205638-168 10X	Sample		1.0000

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
94		6/15/2022 15:41:30	086SMPL.D	2205638-169 10X	Sample		1.0000
95		6/15/2022 15:44:27	087SMPL.D	2205638-170 10X	Sample		1.0000
96		6/15/2022 15:47:25	088SMPL.D	2205638-171 10X	Sample		1.0000
97		6/15/2022 15:53:17	0896CCV.D	CCV	6-CCV		1.0000
98		6/15/2022 15:59:12	0906CCB.D	CCB	6-CCB		1.0000
99		6/15/2022 16:02:11	091SMPL.D	2205638-172 10X	Sample		1.0000
100		6/15/2022 16:05:08	092SMPL.D	2205638-173 10X	Sample		1.0000
101		6/15/2022 16:08:04	093SMPL.D	2205638-174 10X	Sample		1.0000
102		6/15/2022 16:11:01	094SMPL.D	2205638-175 10X	Sample		1.0000
103		6/15/2022 16:13:59	095SMPL.D	2205638-176 10X	Sample		1.0000
104		6/15/2022 16:16:55	096SMPL.D	2205638-177 10X	Sample		1.0000
105		6/15/2022 16:19:52	097SMPL.D	2205638-178 10X	Sample		1.0000
106		6/15/2022 16:22:48	098SMPL.D	2205638-179 10X	Sample		1.0000
107	On	6/15/2022 16:25:44	099SMPL.D	ZZZ	Sample		1.0000
108	On	6/15/2022 16:28:43	100SMPL.D	ZZZ	Sample		1.0000
109		6/15/2022 16:34:38	1016CCV.D	CCV	6-CCV		1.0000
110		6/15/2022 16:40:32	1026CCB.D	CCB	6-CCB		1.0000

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0208	3037.63	0.0027	67.33	0.0377	5405.36	0.4452	6074.69	-0.0279	60.00
2	RINSE	0.0204	3060.30	0.0010	42.00	0.0854	6100.06	0.0543	5934.66	-0.0736	56.67
3	RINSE	0.0188	2940.28	-0.0004	20.00	0.0788	6004.46	0.2095	5901.30	-0.1959	46.67
4	BLANK	0.0000	1768.11	0.0000	24.67	0.0000	4681.81	0.0000	5417.80	0.0000	60.00
5	H/1000	0.9418	54350.43	0.0502	798.69	1.2268	21568.25	105.7566	63769.96	11.0505	943.41
6	H/100	9.4550	547127.63	0.5325	8538.18	10.0822	148035.49	1027.5699	575359.48	100.4861	8415.76
7	H/10	103.3248	7037396.17	5.2527	99129.41	101.6657	1672270.73	10568.3974	6355947.41	1044.7756	92635.79
8	HIGH	999.6730	62292793.33	49.9744	862954.16	999.8324	14107794.72	99942.8788	60123732.44	9995.5165	879915.66
9	RINSE	0.0746	6453.27	-0.0010	10.00	0.4192	11749.71	1.2104	6184.77	-0.2960	36.67
10	ICV	211.4033	12634488.33	10.3965	172212.44	209.1142	2994538.49	21774.5899	12510480.23	2016.2727	173246.75
11	ICB	0.0502	4305.25	-0.0004	17.33	1.4212	23131.34	1.3654	5964.69	-0.6349	10.00
12	LIV	1.9866	107954.61	0.0542	828.03	16.5946	227120.53	105.3455	60744.60	10.9436	926.74
13	ICSA	0.0835	7008.16	-0.0003	22.00	1.2350	22578.45	27457.7563	15907946.01	9999.6651	871060.61
14	ICSAB	104.4491	6339201.00	5.2501	88308.85	103.1513	1486690.77	37210.5065	21926058.84	11132.8354	961571.50
15	CCV	104.5329	6255238.83	5.2914	87744.01	101.5619	1518275.60	10922.2843	6391633.03	1053.9014	92021.59
16	CCB	0.0337	3907.15	-0.0009	12.00	0.6740	15460.46	1.0252	5814.58	-0.5114	20.00
17	2205638-64 100X	1.1434	69948.15	0.1185	1978.79	0.9929	20007.38	29.6870	23123.37	323.5768	28985.99
18	2205638-68 100X	1.1308	69736.61	0.1151	1939.46	0.8023	17191.02	30.7311	24829.24	365.0251	33003.41
19	2205638-69 100X	1.0794	68056.62	0.1098	1892.12	0.7289	16322.34	31.6625	25283.42	348.4173	32115.11
20	2205638-70 100X	1.0852	68711.22	0.1131	1953.46	0.7096	16076.59	31.1802	24795.72	343.9430	31841.08
21	2205638-74 100X	1.0423	66886.00	0.1024	1795.44	0.7973	17452.40	26.5240	22402.52	303.5605	27924.10
22	2205638-113 1...	1.0127	68601.63	0.0894	1654.10	0.7389	17620.39	18.6787	18003.77	324.0183	30635.55
23	2205638-115 1...	0.8971	58721.48	0.0814	1454.74	0.5502	13932.46	18.6682	17803.58	291.4961	27500.20
24	2205638-130 10X	13.9841	1035824.83	1.4924	30589.91	5.1212	93099.72	269.4577	192815.48	3528.6543	378266.58
25	2205638-131 10X	7.8294	540755.23	0.8699	16609.45	4.4887	76294.99	290.0863	200117.13	5079.8358	524357.73
26	2205638-131 1...	0.8479	54129.65	0.0911	1580.76	0.6656	15451.59	27.3175	22669.38	550.8954	50299.78
27	CCV	107.2551	6643796.67	5.4211	93074.47	102.9684	1569486.36	10752.2847	6623002.19	1068.7469	97408.82
28	CCB	0.0306	3346.35	-0.0006	14.67	0.5418	11768.61	1.0915	5657.86	-0.2821	36.67
29	2205638-132 10X	6.7109	439624.11	0.8124	14710.37	4.0664	65960.15	298.4207	193721.55	5473.2881	526012.90
30	2205638-132 1...	0.7162	44392.39	0.0841	1409.40	0.5954	13988.08	30.0448	23347.14	575.8611	50961.60
31	2205638-133 10X	7.1928	469541.26	0.6482	11699.39	4.3195	71188.67	237.2351	159671.49	2282.2084	226462.99

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2205638-133 1...	0.7565	47047.46	0.0641	1083.38	0.6401	14540.77	23.3858	19508.78	240.0054	21197.47
33	2205638-134 10X	6.3038	404452.51	0.5587	9914.92	3.8673	63556.58	272.2640	177346.17	2216.2563	214187.22
34	2205638-134 1...	0.6668	41130.92	0.0608	1016.70	0.5316	12896.13	26.2573	21304.23	232.1623	20630.37
35	2205638-135 10X	5.0904	320706.91	0.4113	7162.22	4.1720	67782.67	195.4813	127158.81	1324.0487	124979.18
36	2205638-135 1...	0.5379	30926.75	0.0435	678.02	0.5749	12651.47	20.2294	16835.80	131.3763	10937.38
37	2205638-136 10X	12.1750	745338.25	1.3334	22584.92	7.4014	111740.06	239.5626	157882.98	4029.1796	400455.78
38	2205638-137 10X	12.1090	756326.21	1.3468	23273.86	6.8166	106196.27	238.1380	158021.87	4034.8112	402215.21
39	CCV	105.1969	6542570.50	5.3341	91888.72	99.6965	1532605.18	10754.0684	6636332.40	1042.1963	95608.20
40	CCB	0.0252	3115.65	-0.0010	9.33	0.4646	11081.47	-0.3372	5344.42	-0.4004	30.00
41	2205638-138 10X	11.5149	763787.92	1.2821	23529.52	6.5847	107341.18	230.9733	162211.99	3882.7099	404127.84
42	2205638-139 10X	12.3883	821099.90	1.5977	29289.67	5.7837	94765.39	166.3584	118891.34	3266.6780	348197.27
43	2205638-140 10X	12.8862	841982.25	1.6838	30442.35	5.8969	95727.35	183.1794	129004.88	3396.1086	356797.81
44	2205638-141 10X	12.9679	831530.04	1.6828	29867.34	6.9336	106910.70	184.4006	127245.52	3467.8115	357178.24
45	2205638-142 10X	7.7255	496571.88	0.6553	11650.68	5.2857	85261.43	287.4547	192936.39	2364.8734	235965.36
46	CCV	104.9551	6497690.33	5.2835	90642.89	99.1949	1521585.08	10826.0956	6624501.36	1053.0245	96791.04
47	CCB	0.0255	3176.32	-0.0009	11.33	0.5094	11710.83	0.6674	5834.58	-0.3519	33.33
48	IP220613-5MB ...	0.0386	4015.84	-0.0010	10.00	0.2532	8534.46	-0.3333	5847.95	-0.0956	60.00
49	IM220613-5LCS...	105.8867	6482798.33	5.4045	91691.17	198.5441	2994158.42	1038.5060	638947.69	1003.6271	90993.30
50	IM220613-5LCS...	103.4722	6505131.50	5.3146	92605.75	195.6253	3043668.97	1021.7193	642682.06	976.9273	89920.42
51	2205638-143 10X	5.8170	385604.26	0.5147	9433.32	5.7240	93557.83	282.1671	185855.50	1744.4158	171387.17
52	2205638-143 1...	0.6190	38125.27	0.0568	947.36	1.0776	20888.46	27.7997	22546.04	188.1368	16795.68
53	2205638-144 10X	6.5298	414335.26	0.7465	13089.74	3.5250	58469.26	186.3028	127429.83	1946.0054	193187.69
54	2205638-144 1...	0.6802	41704.31	0.0774	1280.06	0.5721	13569.97	17.5125	16151.82	200.3032	17780.15
55	2205638-145 10X	5.6508	354455.88	0.6496	11255.10	2.7694	46280.54	218.9783	141193.03	1510.6063	145780.76
56	2205638-145 1...	0.5993	33663.31	0.0617	939.37	0.3973	10093.10	21.6544	17476.52	168.0659	14226.59
57	CCV	104.6192	6095931.50	5.2347	84531.99	99.1660	1432931.02	10965.9392	6399854.07	1039.6031	92092.08
58	CCB	0.0210	2802.92	-0.0005	16.67	0.4298	10433.30	-0.0687	5347.76	0.3157	86.67
59	2205638-146 10X	7.5904	468113.00	0.7107	12119.01	3.6355	58846.63	283.7745	185125.26	2240.8212	215654.83
60	2205638-146 1...	0.8107	48825.14	0.0768	1255.39	0.5469	12961.73	27.5685	22021.96	242.6926	21180.75
61	2205638-147 10X	6.1247	384675.73	0.5890	10224.44	3.4045	55491.07	252.0856	166775.34	1685.4442	164698.65
62	2205638-147 1...	0.6594	38479.38	0.0618	976.70	0.4748	11657.44	25.9034	20430.02	187.1762	16038.35

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	2205638-148 10X	7.1195	439293.65	0.5237	8941.72	3.5578	57253.49	174.3543	114279.75	2343.3755	219877.78
64	2205638-149 10X	9.0668	565666.81	0.7527	12999.01	5.7813	90210.91	258.7462	167544.17	2861.1385	279658.01
65	2205638-150 10X	8.9668	570955.56	0.7484	13187.81	4.6544	73876.47	253.1171	165749.56	2403.1984	236401.97
66	2205638-150 1...	0.9528	56041.11	0.0778	1250.06	0.6708	14607.49	25.9522	20580.11	254.5950	22335.62
67	2205638-151 10X	8.0994	501577.96	0.7162	12269.78	4.3203	67747.23	231.6890	152009.83	2109.5040	204547.35
68	2205638-151 1...	0.8564	54533.74	0.0761	1321.40	0.5419	13744.58	23.0772	18911.53	226.3893	19772.51
69	CCV	104.2601	6246575.50	5.2855	87753.44	99.3209	1481075.05	10881.1315	6474240.11	1045.1423	93503.08
70	CCB	0.0187	2795.58	-0.0005	16.67	0.4916	11572.97	0.0825	5521.14	-0.3565	33.33
71	2205638-152 10X	8.5983	560013.54	0.7103	12802.18	4.2985	70404.32	229.9627	153174.56	2212.8778	219515.04
72	2205638-152 1...	0.9165	55070.08	0.0694	1140.72	0.6937	14987.82	23.0067	19091.63	243.8579	21417.72
73	2205638-153 10X	8.3162	524592.36	0.7712	13458.66	5.0572	79961.67	222.2173	143344.41	2324.1703	223924.20
74	2205638-154 10X	8.3426	508763.59	0.7903	13327.93	4.0550	63682.03	218.1918	143407.62	2209.6114	211302.48
75	2205638-155 10X	7.5838	471246.16	0.6015	10337.85	4.8363	74795.12	147.9755	98744.61	2120.2551	203661.08
76	2205638-156 10X	8.2184	509277.38	0.8197	14046.49	4.5682	71486.77	177.5964	119643.73	2486.5181	243874.01
77	2205638-157 10X	8.2059	552805.13	0.8500	15828.72	4.9118	82191.99	168.1299	111464.05	2482.2277	240870.09
78	2205638-158 10X	8.8460	540446.19	0.8232	13916.40	4.1798	65564.27	188.2271	124559.61	2577.4706	249045.46
79	2205638-159 10X	9.1278	558093.87	0.8813	14911.23	5.0942	78333.95	200.7030	130071.19	2549.5298	246015.81
80	2205638-160 10X	9.8396	634683.35	0.9429	16828.99	5.9717	93357.68	369.5311	247118.55	3801.5099	380784.63
81	CCV	103.1348	6412826.50	5.1765	89198.89	97.8007	1514586.26	10773.0536	6549935.95	1069.0764	96879.52
82	CCB	0.0187	2832.26	-0.0009	10.67	0.5033	11890.95	-0.0036	5621.20	-0.3645	33.33
83	2205638-161 10X	9.8818	673923.54	0.9910	18697.61	4.5902	76867.73	326.8856	229462.42	3347.2542	346938.61
84	2205638-162 10X	13.2440	879366.60	0.9379	17228.73	8.2089	130259.53	359.3536	243665.87	3947.4629	402016.40
85	CCV	104.0975	6453058.17	5.2246	89766.36	100.9103	1534720.95	10762.9829	6557184.49	1068.7694	95893.35
86	CCB	0.0185	2880.93	-0.0009	10.67	0.5355	12429.10	1.1020	5911.35	-0.3799	30.00
87	IP220613-6MB ...	0.0332	3383.70	-0.0011	6.67	0.2783	8126.47	0.6016	5581.19	0.0623	63.34
88	IM220613-6LCS...	105.6027	6026211.50	5.3122	83979.32	204.4102	2861929.12	1036.0723	587092.06	999.6586	82989.28
89	2205638-164 10X	12.6104	807639.81	0.9212	16335.89	11.1606	168803.42	375.0674	240149.33	3998.4582	382928.35
90	2205638-165 10X	7.7172	477513.13	0.8770	15000.63	5.5413	83582.16	331.9352	206517.91	2454.9328	228941.17
91	2205638-166 10X	11.4843	697534.81	0.7885	13259.86	7.1902	105007.03	264.9254	162851.44	3660.2547	336040.70
92	2205638-167 10X	11.5020	690900.13	0.7902	13143.10	7.5372	107762.63	249.8931	154189.94	3572.1876	320247.18
93	2205638-168 10X	9.3590	544034.90	0.6946	11174.39	5.1575	75703.40	326.9446	198583.17	3431.8932	309752.70

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	2205638-169 10X	10.0506	596147.96	0.7410	12168.39	5.3435	78996.01	386.1433	234504.43	3609.7024	331155.06
95	2205638-170 10X	8.7169	510563.35	0.7038	11411.86	4.6699	69390.30	305.9453	187364.97	3311.5812	300645.05
96	2205638-171 10X	10.1632	599717.06	0.7202	11764.10	5.5598	81341.35	318.7674	195645.75	3851.9934	343951.53
97	CCV	104.5274	5936887.33	5.1966	81792.57	100.8820	1410139.94	10992.7258	6294876.57	1057.3011	90943.11
98	CCB	0.0247	2878.94	-0.0006	13.33	0.6500	12589.20	1.6065	5884.65	-0.1373	46.67
99	2205638-172 10X	11.3804	697369.11	0.7583	12870.88	5.6373	85015.80	388.2815	239614.11	4240.1953	389583.22
100	2205638-173 10X	9.8716	583141.81	0.7156	11702.75	6.1917	91105.85	299.8374	182304.46	3872.1253	351809.67
101	2205638-174 10X	9.7235	577843.69	0.7977	13117.08	6.2612	91455.49	438.1104	264823.96	4235.0635	383888.48
102	2205638-175 10X	10.5921	632781.46	0.7978	13197.16	6.5847	95695.36	382.7472	228292.94	4468.5376	406927.47
103	2205638-176 10X	11.5263	688017.63	0.7717	12754.13	7.5583	109074.30	299.3536	181901.68	4520.5148	409351.02
104	2205638-177 10X	11.0712	656684.48	0.7356	12092.35	6.6183	95644.97	283.7779	174358.31	4313.4579	391221.23
105	2205638-178 10X	11.5847	673738.71	0.8133	13097.74	7.0458	99419.37	206.4041	126023.33	4621.6355	414652.27
106	2205638-179 10X	11.3723	707831.56	0.7970	13731.57	7.1083	108023.52	219.1399	135788.68	4739.4826	427780.78
107	ZZZ										
108	ZZZ										
109	CCV	104.9912	6135030.83	5.1634	83584.85	98.5301	1450249.42	10807.9685	5981826.16	1039.3556	86707.43
110	CCB	0.0239	2722.91	-0.0007	12.00	0.6064	11836.46	1.2312	5467.81	0.5153	93.34

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	-0.0660	96.67	0.1331	4694.21	3.1562	135.23	0.2616	43.34	0.0289	256.67
2	RINSE	0.0605	133.34	-0.6064	4660.89	1.8033	115.50	0.1714	30.00	0.0223	222.67
3	RINSE	0.1777	163.34	1.3321	4910.94	2.6749	128.39	0.1749	30.00	0.0162	184.67
4	BLANK	0.0000	106.67	0.0000	4587.50	0.0000	82.35	0.0000	3.33	0.0000	89.00
5	H/1000	5.4262	1526.80	57.4626	13632.77	64.3682	1134.59	2.1136	306.68	0.1164	757.02
6	H/100	51.5315	13682.76	496.9702	84628.96	488.6700	8286.50	29.4849	4274.05	0.9488	5684.66
7	H/10	524.5764	149808.24	4992.6406	865360.07	4776.3181	86041.01	306.7971	48151.35	9.4403	59782.20
8	HIGH	4997.5266	1427878.47	50000.7588	7939691.96	50022.4671	829127.54	2999.3263	471268.32	100.0565	582665.27
9	RINSE	0.0294	116.67	0.0414	4617.50	-0.5303	74.24	0.0458	10.00	0.0172	186.67
10	ICV	1050.8748	286749.81	10243.3902	1674828.05	9517.4941	162102.50	417.8396	62696.80	19.2371	115157.22
11	ICB	0.0260	110.01	-0.5654	4364.10	-1.2846	59.82	0.0723	13.33	0.0053	115.00
12	LIV	10.8692	2820.37	97.3849	19865.99	107.3565	1835.33	18.9898	2613.66	0.4829	2855.92
13	ICSA	10394.9108	2859391.41	10320.4414	1685810.96	29202.8391	496837.46	207.9523	31457.92	0.0240	237.33
14	ICSAB	10707.1595	2995315.06	15445.9439	2554110.07	33766.7848	582104.91	521.7714	80279.10	9.8867	59963.14
15	CCV	535.9065	148942.05	5042.4793	853748.24	4882.6997	85934.39	311.6673	47593.63	9.5991	59381.40
16	CCB	-0.0717	86.67	-1.6893	4304.09	0.2222	85.50	0.0492	10.00	0.0042	111.67
17	2205638-64 100X	840.5381	232351.89	337.2841	62739.12	883.2710	15856.65	10.8866	1656.83	4.3156	27160.81
18	2205638-68 100X	817.5266	236371.97	319.2818	60186.91	881.8365	15968.14	8.6348	1376.78	4.2203	26795.57
19	2205638-69 100X	813.4193	234156.91	312.1577	59965.57	851.5028	15686.53	9.3493	1483.47	4.2207	27252.63
20	2205638-70 100X	802.3894	229220.78	310.9912	59765.11	874.2026	16104.42	8.2220	1293.44	4.1714	26939.45
21	2205638-74 100X	756.6593	220186.08	317.4387	60655.32	819.0507	15035.20	10.0026	1603.49	4.0335	25949.58
22	2205638-113 1...	851.4053	253447.48	312.7013	61290.24	947.7634	17825.22	6.5602	1073.42	3.6538	24112.50
23	2205638-115 1...	751.9847	221424.08	273.8036	54283.06	676.7757	12733.44	6.6466	1080.08	4.6437	30565.03
24	2205638-130 10X	8491.5044	2782108.71	2975.3368	543628.75	10198.9583	192778.60	139.4560	25130.11	41.2329	273778.07
25	2205638-131 10X	5777.9231	1829469.29	2995.4004	546664.56	14947.6710	282189.50	75.9299	13232.53	38.9791	258552.01
26	2205638-131 1...	610.2038	175780.99	289.8374	55590.80	1515.2543	27608.84	7.7613	1233.44	3.8670	24774.42
27	CCV	536.7040	156993.93	5189.2589	901422.75	4860.8519	87795.16	314.6207	50582.24	9.8128	62294.66
28	CCB	0.1020	126.67	-1.8429	4130.69	0.2587	84.51	0.2304	33.33	0.0039	106.33
29	2205638-132 10X	4862.0153	1450245.29	2852.2426	486355.79	18082.3964	318772.74	73.0680	11988.25	40.7988	252702.11
30	2205638-132 1...	498.3979	137919.94	270.5819	50731.91	1752.1098	30986.76	6.9874	1066.75	3.8893	24195.27
31	2205638-133 10X	5575.3482	1709716.85	3025.0794	528831.65	7973.4690	144249.53	69.9562	11804.75	41.2651	262200.69

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2205638-133 1...	559.7459	155196.96	281.0967	52320.01	774.8900	13708.24	7.0604	1080.08	3.9351	24392.20
33	2205638-134 10X	4593.6244	1370214.77	3055.5699	531325.01	8385.6914	150904.71	69.4413	11394.80	40.6617	257017.88
34	2205638-134 1...	471.6220	131499.30	294.7215	54319.88	824.3462	14504.90	6.6564	1023.42	4.0076	24706.33
35	2205638-135 10X	3092.1562	908634.98	2549.6017	444477.34	4393.9406	79182.03	60.6150	9793.36	33.8231	213963.96
36	2205638-135 1...	317.7094	83970.12	240.2078	43879.07	409.1625	7029.26	6.5029	946.74	3.2862	19688.01
37	2205638-136 10X	7780.7443	2337256.32	3673.5052	632424.17	10371.7479	185064.16	125.6937	20770.43	39.7366	249065.01
38	2205638-137 10X	7663.9531	2317448.77	3651.9565	625925.72	10436.3041	185381.81	127.1793	21151.05	40.6766	253819.49
39	CCV	523.9013	153513.25	5139.6311	900750.45	4882.0619	88919.13	304.1905	48990.50	9.6557	61831.27
40	CCB	0.2192	166.68	-2.5298	4400.81	0.3011	91.63	-0.0241	0.00	0.0039	116.00
41	2205638-138 10X	7344.7121	2347712.26	3549.9817	635129.43	10191.8192	188936.35	116.7914	20523.63	38.8735	253160.96
42	2205638-139 10X	8620.0887	2759097.98	3151.6471	564067.51	8207.9906	152075.66	157.7943	27777.56	44.5761	290081.09
43	2205638-140 10X	8916.6462	2827296.21	3296.2283	578123.86	8605.3394	156306.88	165.0046	28779.26	46.8147	298674.49
44	2205638-141 10X	9235.5970	2870122.04	3333.0452	576117.32	8574.7819	153503.24	178.7524	30556.18	47.8823	301047.69
45	2205638-142 10X	5946.9041	1831699.35	3429.4634	604101.40	7459.4801	136140.51	72.1336	12225.04	41.8049	267957.91
46	CCV	536.3326	155845.59	5125.1922	904516.84	4832.3102	88645.30	316.8450	50598.99	9.6933	62505.44
47	CCB	0.1373	143.34	-1.5449	4440.80	-1.3273	61.71	0.1159	20.00	0.0045	116.67
48	IP220613-5MB ...	0.8113	353.36	-4.2642	4407.45	4.5351	174.52	0.0159	6.67	0.0091	157.00
49	IM220613-5LCS...	508.5264	147293.55	509.2276	93838.40	1034.3434	18899.76	204.0354	32479.48	9.4566	60495.07
50	IM220613-5LCS...	503.5418	149082.71	485.2903	91310.52	1040.5760	19358.10	203.3331	33080.79	9.3885	61161.83
51	2205638-143 10X	4662.1938	1408362.17	3019.0383	530588.30	7639.1340	138928.86	62.6228	10407.04	39.7364	253831.30
52	2205638-143 1...	476.1616	134778.57	289.8089	54313.14	751.4668	13430.35	6.5545	1023.42	3.9063	24456.32
53	2205638-144 10X	5327.4970	1642205.08	3268.8653	574836.85	5824.2194	106090.39	80.4617	13639.43	40.5670	259469.44
54	2205638-144 1...	568.9889	158447.04	309.7068	57674.52	603.9386	10811.00	8.2586	1266.77	3.9479	24706.68
55	2205638-145 10X	5111.0220	1496547.37	3049.2318	514278.34	4346.2853	75912.66	83.3575	13429.35	37.1897	228019.27
56	2205638-145 1...	537.5392	141080.59	287.7793	51875.94	407.6358	7043.41	8.9501	1296.79	3.5681	21489.27
57	CCV	539.6997	149566.56	4953.8035	855873.34	4738.2067	85080.49	315.3967	48037.38	9.3811	59213.45
58	CCB	0.1342	140.01	-4.9708	3960.68	-0.3640	79.37	0.1200	20.00	0.0019	103.00
59	2205638-146 10X	5981.7990	1789893.46	2880.9314	494567.27	6970.6021	123785.59	76.0946	12525.26	37.2788	232492.82
60	2205638-146 1...	634.3220	176388.62	286.9631	52985.28	664.5921	11697.58	8.1142	1243.44	3.7245	22951.18
61	2205638-147 10X	5190.4017	1568106.90	2647.7791	460768.20	5900.5297	106136.53	77.8964	12939.95	35.4469	223907.55
62	2205638-147 1...	551.8825	149055.60	249.1282	46198.68	610.8028	10658.21	7.3451	1093.43	3.5027	21381.40

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	2205638-148 10X	5051.1360	1486639.46	2184.9534	376395.64	8806.7084	156382.46	45.3035	7335.28	26.6034	165963.33
64	2205638-149 10X	7209.3339	2134128.67	2885.3251	497059.38	9588.2117	170834.84	57.9461	9433.17	39.1188	244833.16
65	2205638-150 10X	6883.0826	2059084.19	2893.8246	496667.84	7723.3661	137113.82	63.1875	10397.02	39.7988	248161.56
66	2205638-150 1...	718.9377	195270.72	275.8221	51099.63	779.4813	13699.03	6.5032	973.41	3.8253	23560.33
67	2205638-151 10X	6241.9991	1864428.83	3038.1182	524931.37	6372.8150	113965.25	70.6303	11604.59	37.5875	236059.67
68	2205638-151 1...	657.6447	178355.29	300.7076	54527.33	638.0218	11081.77	6.8229	1020.08	3.7548	22818.34
69	CCV	534.2785	150926.89	5104.0373	881116.16	4809.4764	86289.85	316.3268	49137.36	9.6483	60850.67
70	CCB	0.2020	160.01	-3.3476	4240.72	2.7436	131.54	0.0461	10.00	0.0048	121.00
71	2205638-152 10X	6681.8666	2025445.33	2625.8194	464857.48	6522.7658	119335.32	59.3479	9896.80	34.5726	222134.87
72	2205638-152 1...	697.4915	191444.82	255.1135	47682.90	655.8306	11551.51	6.3826	966.74	3.4054	21004.61
73	2205638-153 10X	6870.9418	2014048.30	3514.1240	596692.68	7314.4508	128701.88	70.3918	11351.05	37.1430	229543.73
74	2205638-154 10X	6758.4852	2017136.85	3335.7439	561400.76	6975.4854	121617.21	65.6270	10770.73	35.5500	217670.71
75	2205638-155 10X	5858.7496	1738279.24	2449.8857	424365.67	6123.7576	109535.94	39.8757	6508.20	30.6597	192613.28
76	2205638-156 10X	6789.7079	2056307.88	3317.2464	567038.68	8015.8494	141914.68	75.6000	12591.94	43.3476	269538.26
77	2205638-157 10X	7191.0420	2136514.45	2812.4597	477859.88	7959.8920	139845.96	67.4864	11030.86	38.4812	237475.38
78	2205638-158 10X	7704.4276	2298533.09	3024.6359	514507.38	8154.6919	143540.00	70.3113	11541.23	35.4525	219203.67
79	2205638-159 10X	8014.3200	2348911.63	3038.2565	510240.67	8509.8254	147895.68	68.9831	11120.97	39.2580	239656.95
80	2205638-160 10X	8466.4925	2617991.00	2973.6257	515784.12	13419.3799	240784.72	49.7625	8465.93	32.9461	207678.70
81	CCV	529.2485	152809.44	5107.1322	891736.89	4967.9784	90153.16	309.5722	49121.11	9.6713	61698.74
82	CCB	0.2098	166.68	-1.8463	4497.48	5.4755	177.85	0.0216	6.67	0.0056	126.00
83	2205638-161 10X	8475.5374	2741188.29	2754.9226	490548.50	10263.5328	188930.67	52.4084	9326.35	34.5701	223540.76
84	2205638-162 10X	9186.1132	2878064.64	3347.7992	593591.00	12377.4627	227269.64	71.6781	12355.08	39.9245	257545.98
85	CCV	529.9539	153330.28	5191.7879	890596.31	4941.9342	88120.04	311.7659	49572.00	9.8837	61946.38
86	CCB	0.2071	156.68	-2.4260	4154.04	3.9977	145.06	0.0468	10.00	0.0049	115.00
87	IP220613-6MB ...	0.7237	283.35	0.2043	4454.16	3.1103	127.58	0.2173	33.33	0.0112	146.67
88	IM220613-6LCS...	505.3057	134805.96	501.3607	84937.49	965.6775	16212.17	203.4913	29838.08	9.4739	55674.06
89	2205638-164 10X	9333.5278	2764268.29	3468.9657	573383.48	13527.3534	231621.42	80.1369	13053.03	40.8665	245844.69
90	2205638-165 10X	6225.4867	1785610.70	2097.8557	347778.71	7572.8395	129361.45	48.0870	7588.77	31.4438	188666.48
91	2205638-166 10X	8467.8961	2381790.90	2810.7780	451747.59	16431.4912	272979.59	48.9296	7572.17	37.1168	216663.79
92	2205638-167 10X	8654.7206	2438231.11	2526.2692	398307.40	18297.5856	297872.41	46.6486	7228.58	37.3198	213464.22
93	2205638-168 10X	7544.5218	2111499.87	2370.7388	382522.47	10943.4536	182220.62	56.2778	8665.98	27.6155	161556.53

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	2205638-169 10X	7801.9715	2193159.97	2589.0316	422717.31	10416.3167	175675.31	57.7701	8936.07	29.2717	173445.77
95	2205638-170 10X	7589.5873	2137561.74	2410.5605	387462.68	9876.5496	163826.74	62.3326	9659.95	28.4339	165736.47
96	2205638-171 10X	7824.9349	2211653.20	2426.0986	386825.91	11889.8869	195687.35	52.4866	8162.40	29.4522	170294.42
97	CCV	535.8215	145661.02	5053.9897	848284.13	4866.5629	84876.88	319.1101	47670.05	9.5159	58352.99
98	CCB	0.2768	166.68	3.6920	4877.62	2.6089	117.58	0.0268	6.67	0.0025	97.33
99	2205638-172 10X	8222.9184	2349227.62	2572.2207	426067.36	11558.2618	197739.51	51.0066	8015.61	30.9192	185848.70
100	2205638-173 10X	8141.2634	2275337.93	2327.3355	375568.68	11421.9857	190128.93	58.9399	9062.93	29.7705	174115.46
101	2205638-174 10X	7837.9793	2199738.87	2562.0951	415745.80	12256.1510	205398.82	56.5494	8739.38	29.5091	173759.46
102	2205638-175 10X	8793.5529	2427458.71	2529.0821	410266.25	13339.5656	223449.36	53.7084	8155.73	30.1240	177297.73
103	2205638-176 10X	8826.5857	2464765.53	2523.6405	404946.60	13066.2037	216487.93	54.2419	8332.48	33.0400	192338.58
104	2205638-177 10X	8569.8784	2415548.92	2499.5489	401392.74	12131.5716	201177.77	50.5295	7842.22	30.2110	176010.77
105	2205638-178 10X	8688.9192	2402998.51	2423.9179	385832.90	15385.8223	252743.04	50.8995	7742.18	30.6389	176857.68
106	2205638-179 10X	8705.6641	2449323.56	2424.9624	382525.86	16450.0284	267875.29	52.8446	8179.10	30.9515	177100.85
107	ZZZ										
108	ZZZ										
109	CCV	534.6256	140510.90	5086.3703	808575.75	4869.9544	80465.62	310.7080	44882.35	9.6867	56262.70
110	CCB	-0.0884	76.67	4.0957	4800.94	6.3934	171.09	-0.0241	0.00	0.0042	103.67

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0162	346.67	0.0153	2079.05	0.2364	21264.67	0.0061	214.45	0.0092	140.01
2	RINSE	0.0076	291.12	0.0047	2055.71	0.0007	19816.25	0.0032	178.89	-0.0007	107.78
3	RINSE	0.0123	321.12	0.0162	2074.60	0.0710	20119.71	0.0026	172.22	0.0090	140.00
4	BLANK	0.0000	227.78	0.0000	1862.35	0.0000	19121.92	0.0000	134.45	0.0000	106.67
5	H/1000	0.4776	3596.01	0.2287	3043.66	5.6001	61941.43	0.1051	1426.75	0.4765	1737.89
6	H/100	4.9195	35882.38	2.1516	12701.68	51.6687	423645.92	1.0759	13903.80	5.0541	17899.90
7	H/10	49.3760	384005.71	21.0558	116430.15	504.6293	4250771.50	10.5317	143773.60	50.4666	190656.26
8	HIGH	500.0632	3579528.75	199.8929	1088934.26	4999.5198	38609086.92	99.9461	1354223.35	499.9528	1738475.97
9	RINSE	0.0062	272.23	-0.0979	1413.42	0.2547	21117.79	-0.0007	124.45	-0.0047	91.11
10	ICV	101.5857	747183.01	41.7292	218604.94	987.9288	7853245.30	21.0071	277893.21	98.9475	353549.22
11	ICB	-0.0013	212.23	-0.1104	1285.63	0.1682	19742.57	-0.0027	97.78	-0.0054	85.56
12	LIV	0.9624	7009.37	0.4136	3788.27	10.7078	100697.99	0.5493	6813.72	2.0413	7091.62
13	ICSA	0.2350	1967.92	0.6589	5452.10	25022.9693	1.98256E+08	0.0552	887.81	0.0338	233.34
14	ICSAB	51.0821	380504.70	21.8992	118627.59	25042.0452	2.01037E+08	10.7178	142624.60	50.9578	184389.91
15	CCV	49.7792	378198.98	21.3195	114695.84	510.9361	4204372.54	10.6008	142521.23	50.9611	188070.64
16	CCB	0.0010	233.34	-0.1568	1071.16	-0.0360	18731.36	-0.0035	92.22	-0.0087	76.66
17	2205638-64 100X	1.2067	9556.22	175.0586	922740.00	4579.0865	38086864.43	0.8251	11503.04	3.5530	13423.42
18	2205638-68 100X	1.1912	9518.43	118.4186	653392.47	4456.5726	37391029.44	0.7626	10745.87	4.4793	17039.02
19	2205638-69 100X	1.1634	9460.61	116.5191	640046.42	4359.0982	37194318.61	0.7423	10668.04	4.7340	18307.06
20	2205638-70 100X	1.1685	9501.73	120.0258	654201.31	4415.0964	37677887.77	0.7518	10849.27	4.9465	19124.57
21	2205638-74 100X	1.2231	9891.98	96.7200	537459.80	4077.1382	34655743.65	0.6799	9759.69	3.1275	12090.17
22	2205638-113 1...	1.3693	11321.82	103.5925	588729.53	3350.4133	29202852.07	0.9443	13874.92	2.3588	9379.44
23	2205638-115 1...	1.2247	10142.14	116.5910	655140.86	4679.6026	40716783.56	0.8890	13037.53	2.6138	10362.29
24	2205638-130 10X	15.3785	125747.36	955.2792	5958533.23	29034.2858	2.55486E+08	7.3359	121210.10	21.5792	85657.19
25	2205638-131 10X	31.1140	253877.56	638.1838	3848511.79	41857.3968	3.67933E+08	7.0406	112017.75	22.1569	87859.46
26	2205638-131 1...	3.0710	24349.26	68.1643	375532.80	4242.8457	35908463.63	0.7660	10905.98	2.2767	8793.60
27	CCV	51.3740	400547.95	21.2632	120397.26	526.2757	4443827.96	10.6847	149943.85	52.2090	197720.03
28	CCB	0.0028	235.56	-0.1696	980.05	0.0298	18561.24	-0.0050	70.00	-0.0195	38.89
29	2205638-132 10X	30.9623	235915.11	620.0923	3521954.72	45031.3283	3.69621E+08	6.5428	96942.15	21.9511	81283.02
30	2205638-132 1...	2.9566	22768.03	63.5254	336270.51	4368.6340	35902751.13	0.6901	9541.80	2.1214	7966.48
31	2205638-133 10X	12.5244	98052.37	721.3228	4211535.39	41810.1276	3.52067E+08	7.3626	112590.75	14.2056	54008.54

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2205638-133 1...	1.1972	9336.09	74.9330	397148.51	4041.5420	33097894.51	0.7615	10467.91	1.3625	5139.76
33	2205638-134 10X	21.5190	167398.22	612.9447	3481454.44	47253.2166	3.95828E+08	6.2584	93230.84	17.8409	67441.19
34	2205638-134 1...	2.1370	16379.37	63.8246	340427.19	4734.7054	38564008.59	0.6523	9034.83	1.7806	6647.01
35	2205638-135 10X	5.5769	43605.16	466.9817	2613314.90	31388.3670	2.63130E+08	4.2052	61223.57	7.0412	26707.46
36	2205638-135 1...	0.5567	4321.75	47.7129	241545.19	3090.5242	24448004.64	0.4509	5886.70	0.7072	2630.25
37	2205638-136 10X	14.2262	109829.90	1162.5649	6647402.10	32938.4501	2.73598E+08	7.4241	113721.80	18.0371	67606.97
38	2205638-137 10X	14.5430	111761.82	1142.0016	6573911.40	33326.3402	2.75590E+08	7.3738	113296.30	16.7294	62430.36
39	CCV	50.4651	396867.28	21.0349	119345.95	517.7116	4409356.18	10.5645	149234.68	51.1083	195256.69
40	CCB	-0.0061	194.45	-0.1885	964.49	0.3172	22509.56	-0.0057	67.78	-0.0152	57.78
41	2205638-138 10X	13.6642	109623.01	1119.3387	6810592.37	32370.2375	2.79357E+08	7.3230	117474.19	16.6845	64987.91
42	2205638-139 10X	14.2013	113826.96	1123.5143	6846191.95	30331.0600	2.61588E+08	7.1707	117808.56	26.5157	103131.95
43	2205638-140 10X	15.2593	119895.80	1169.8112	7060862.50	32260.0716	2.72772E+08	7.5963	122994.96	26.5369	101194.36
44	2205638-141 10X	15.4376	119532.13	1202.4140	7113671.11	32040.4403	2.66970E+08	7.8151	124051.75	24.3567	91539.30
45	2205638-142 10X	18.1423	143159.43	798.9514	4685502.73	39806.3829	3.38125E+08	7.6370	117425.18	17.6066	67489.00
46	CCV	50.4756	399735.70	21.7992	122572.85	516.1408	4426668.79	10.6391	150568.97	51.2049	196983.28
47	CCB	-0.0070	183.33	-0.1724	1034.49	0.3593	22242.50	-0.0061	62.22	-0.0166	51.11
48	IP220613-5MB ...	0.0121	351.12	-0.0700	1699.00	0.7075	27470.54	-0.0041	95.56	-0.0180	52.22
49	IM220613-5LCS...	50.9419	400247.09	10.3840	59301.75	503.2394	4282392.33	10.6439	148591.12	51.2307	195523.45
50	IM220613-5LCS...	50.4520	403627.88	10.2614	59921.76	496.3148	4300973.27	10.6875	151462.48	50.2828	195410.33
51	2205638-143 10X	16.5286	130007.84	595.4050	3424946.95	46685.9510	3.95211E+08	6.1197	92677.95	14.9360	57075.53
52	2205638-143 1...	1.6359	12790.67	61.2020	331461.02	4627.4325	38268586.10	0.6416	8929.21	1.4662	5576.58
53	2205638-144 10X	19.4766	153337.68	728.0368	4271972.61	37531.8782	3.18129E+08	5.9391	90889.45	11.9425	45715.76
54	2205638-144 1...	1.8694	14575.49	77.6796	413372.34	3698.4338	30585209.54	0.6330	8769.09	1.1702	4472.91
55	2205638-145 10X	9.6724	73129.72	508.3598	2834530.37	42207.0675	3.42943E+08	4.6664	69447.09	19.2657	70633.06
56	2205638-145 1...	0.9545	7277.25	53.2113	267524.71	4160.7410	33119408.67	0.5083	6732.59	1.8449	6728.14
57	CCV	49.2399	381690.84	21.6496	116118.06	504.6613	4237228.79	10.5481	143857.06	49.9451	188074.92
58	CCB	-0.0030	214.45	-0.2227	774.48	-0.1007	19008.37	-0.0085	32.22	-0.0179	47.78
59	2205638-146 10X	20.6597	158577.41	666.3261	3796687.76	37885.7059	3.13111E+08	7.2203	107080.83	17.4011	64899.68
60	2205638-146 1...	2.0709	15868.90	70.9294	377144.60	3831.7324	31191105.37	0.7744	10519.03	1.7957	6694.79
61	2205638-147 10X	18.8463	146534.81	448.2936	2579510.11	41486.1170	3.47254E+08	5.3682	80877.79	13.9787	52824.70
62	2205638-147 1...	1.8704	14219.60	47.9922	248435.50	4131.8803	3302477.84	0.5786	7746.36	1.4038	5208.68

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	2205638-148 10X	7.3927	56912.04	485.9226	2723745.66	31196.5710	2.57859E+08	7.4871	108264.04	13.5526	50580.00
64	2205638-149 10X	24.0185	184971.97	848.4470	4781652.31	36808.1527	3.05280E+08	8.9655	135015.82	23.0530	86248.86
65	2205638-150 10X	17.6275	135316.36	872.1946	4967054.94	40488.7278	3.34561E+08	8.9389	135473.85	19.5500	72885.12
66	2205638-150 1...	1.7266	13267.69	92.6482	480638.59	3978.9983	32375648.68	0.9651	13144.28	1.9101	7112.74
67	2205638-151 10X	20.8458	161121.81	718.3713	4085394.01	39906.6901	3.32112E+08	7.3895	110416.04	18.1030	67983.25
68	2205638-151 1...	2.0573	15549.68	76.3263	395653.61	4004.5747	32149997.02	0.8037	10917.11	1.8740	6886.02
69	CCV	50.0403	387623.78	21.6288	118271.20	512.1178	4296905.04	10.5333	145107.47	51.0119	191949.85
70	CCB	-0.0064	191.11	-0.2220	791.14	0.0138	20009.80	-0.0063	60.00	-0.0170	51.11
71	2205638-152 10X	19.6437	155345.78	754.7082	4355575.80	38281.0853	3.25930E+08	8.5303	130381.53	19.1594	73603.74
72	2205638-152 1...	1.9395	14885.74	79.6783	417880.67	3850.7915	31361402.86	0.9100	12411.48	1.9380	7220.56
73	2205638-153 10X	26.8515	204158.30	749.6192	4183509.56	34201.5445	2.80095E+08	7.7237	114664.73	21.8373	80674.58
74	2205638-154 10X	22.0248	165960.91	881.2459	5007073.83	35670.5110	2.89446E+08	8.1599	120221.86	18.7534	68658.20
75	2205638-155 10X	8.1901	63469.06	689.4945	3895553.18	33000.5134	2.74716E+08	8.3053	122920.09	13.9645	52479.14
76	2205638-156 10X	20.2167	154731.54	896.5057	5168773.68	35334.8435	2.91176E+08	7.6268	115269.88	18.1486	67485.40
77	2205638-157 10X	20.1348	152928.63	775.3390	4385814.55	34983.7187	2.86101E+08	7.9360	118661.08	18.7140	69054.29
78	2205638-158 10X	22.2077	168981.73	1066.1693	6054560.31	28781.9402	2.35814E+08	8.3976	125010.91	20.9878	77578.48
79	2205638-159 10X	24.3460	182872.85	1266.2583	7064980.27	30136.6368	2.43802E+08	9.0108	133950.29	22.5092	82141.41
80	2205638-160 10X	27.9345	216614.76	1025.2721	6035436.29	30119.4594	2.51583E+08	8.4412	130289.19	24.4890	92264.90
81	CCV	50.5187	395814.23	21.4084	119643.95	518.0909	4395954.93	10.5484	147213.40	51.1404	194656.77
82	CCB	-0.0070	187.78	-0.1815	1016.71	0.1899	21461.51	-0.0082	36.67	-0.0228	31.11
83	2205638-161 10X	19.0060	151282.47	929.4003	5723360.19	33609.2963	2.88000E+08	8.0173	128058.45	19.2636	74482.15
84	2205638-162 10X	21.3543	169539.27	1208.4677	7207625.82	32237.8180	2.75595E+08	9.7622	153176.77	24.9029	96017.07
85	CCV	50.9878	392514.72	21.2179	118849.11	527.0590	4393281.70	10.5916	146325.46	51.8449	193871.72
86	CCB	0.0006	228.89	-0.2225	768.92	0.1677	20069.72	-0.0077	41.11	-0.0192	41.11
87	IP220613-6MB ...	0.0239	380.01	-0.2153	792.25	0.4575	21731.79	-0.0062	57.78	-0.0165	48.89
88	IM220613-6LCS...	50.9835	367940.21	10.2909	54144.10	503.8292	3938312.55	10.7335	137192.39	51.3630	180065.27
89	2205638-164 10X	23.7325	175687.84	1170.7553	6600411.82	34055.1589	2.71516E+08	10.0261	147915.98	24.1933	87000.86
90	2205638-165 10X	8.9533	66253.32	958.0630	5231417.99	32900.9238	2.61590E+08	8.0181	115218.81	14.3644	51556.20
91	2205638-166 10X	20.5698	147784.67	1082.1423	5795094.08	34434.2293	2.66370E+08	11.8572	167683.75	27.5257	96022.65
92	2205638-167 10X	14.8966	104927.87	1136.9964	6098693.64	36706.9932	2.78227E+08	12.1337	167556.81	25.5195	87240.71
93	2205638-168 10X	16.1583	116375.59	645.0697	3437865.62	24728.6978	1.91679E+08	9.2635	128821.47	20.3676	71227.76

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	2205638-169 10X	18.8817	137703.46	689.6617	3691576.66	26133.3621	2.05183E+08	9.8139	138708.29	22.3439	79132.63
95	2205638-170 10X	18.6017	133458.53	613.5000	3290242.09	24412.2855	1.88553E+08	8.7765	122772.24	20.7681	72356.31
96	2205638-171 10X	24.6555	175392.66	682.0611	3670286.66	27112.7033	2.07722E+08	10.2567	141122.12	25.8792	89424.84
97	CCV	49.8569	375397.37	21.4294	112829.73	514.1926	4194390.87	10.6978	141693.01	50.8273	185916.55
98	CCB	-0.0029	196.67	-0.2092	791.14	0.3969	20873.99	-0.0060	58.89	-0.0232	26.67
99	2205638-172 10X	25.2253	186540.87	753.3756	4097598.59	29436.4555	2.34448E+08	10.8956	154220.17	27.2521	97884.71
100	2205638-173 10X	23.7183	170679.12	659.3376	3508099.79	26244.2532	2.03383E+08	9.7342	136262.06	24.5228	85711.77
101	2205638-174 10X	27.8908	202022.46	669.1272	3575523.05	28017.0734	2.18598E+08	10.3208	144100.98	27.6060	97133.40
102	2205638-175 10X	34.1242	247006.72	665.9079	3500245.76	30663.3037	2.39134E+08	11.7448	164745.62	33.4027	117454.89
103	2205638-176 10X	40.9828	293367.78	652.7054	3470543.34	30911.7190	2.38452E+08	11.5850	161617.60	36.0040	125216.69
104	2205638-177 10X	29.4366	210931.10	593.6229	3186498.20	30191.9118	2.33059E+08	11.1752	156146.22	30.8858	107505.94
105	2205638-178 10X	39.1469	277868.13	759.9783	4001709.29	30205.0624	2.31027E+08	13.1594	181847.47	35.8999	123792.07
106	2205638-179 10X	47.9769	337529.50	721.6539	3866159.57	30867.7976	2.34059E+08	12.7726	177560.42	39.0779	133599.77
107	ZZZ										
108	ZZZ										
109	CCV	50.2834	358683.08	21.4311	109022.91	517.3568	3996776.19	10.4544	134289.24	50.8085	176065.83
110	CCB	-0.0052	176.67	-0.2054	776.70	-0.0384	17319.72	-0.0078	36.67	-0.0194	37.78

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.2636	4934.16	0.1794	640.05	-0.0024	6.33	-0.0106	0.53	0.0030	53.33
2	RINSE	0.1939	4398.43	0.1393	583.37	0.0052	12.33	-0.0118	0.40	0.0011	43.33
3	RINSE	0.1652	4092.78	0.1355	570.04	-0.0011	7.33	-0.0106	0.53	0.0042	60.00
4	BLANK	0.0000	2565.80	0.0000	326.69	0.0000	8.00	0.0000	1.73	0.0000	36.67
5	H/1000	1.0115	11484.18	2.4305	4714.25	0.1044	87.00	0.0758	10.53	0.1042	573.37
6	H/100	10.1223	94087.69	21.3801	41126.32	0.9897	778.02	1.0284	124.40	0.9538	5154.42
7	H/10	99.9877	971395.62	208.7133	425060.62	9.9734	8329.48	10.3696	1327.66	10.3432	59210.32
8	HIGH	951.5456	8490964.66	1999.1144	3644948.07	100.0028	76840.17	99.9628	11772.91	99.9661	568142.37
9	RINSE	-0.0953	1750.12	0.0730	460.03	0.0035	10.67	-0.0094	0.67	0.0107	90.00
10	ICV	210.7161	1933867.28	412.4334	799392.98	19.2024	15163.73	21.2552	2572.74	20.2039	112080.73
11	ICB	-0.1411	1304.52	0.0069	333.35	-0.0070	2.67	-0.0080	0.80	-0.0058	6.67
12	LIV	1.9513	19724.26	11.1091	20797.44	0.2120	168.33	1.0775	126.53	0.5604	2893.73
13	ICSA	-0.1551	1296.74	0.2548	840.06	0.0155	20.67	0.0179	4.00	0.3207	1843.54
14	ICSAB	99.0343	921609.34	209.1714	396111.95	10.1816	8144.05	10.5386	1292.32	10.9585	61147.49
15	CCV	101.3099	961488.85	212.5590	425804.92	10.0834	8225.43	10.6306	1329.39	10.3429	58310.72
16	CCB	-0.1719	1073.39	-0.0391	260.01	-0.0004	7.67	-0.0058	1.07	0.0014	43.33
17	2205638-64 100X	8.0658	80344.36	134.9935	279713.11	11.4103	9449.77	0.3053	40.67	13.0965	75598.91
18	2205638-68 100X	8.1443	81802.49	113.1853	234291.79	11.4883	9597.51	0.2665	36.00	11.9261	69502.12
19	2205638-69 100X	8.4870	86574.64	107.0027	226805.23	11.2830	9586.52	0.2862	39.20	11.7286	69671.82
20	2205638-70 100X	8.0226	82010.25	112.2140	233363.40	11.6154	9869.68	0.2831	38.80	11.8758	70881.51
21	2205638-74 100X	6.2818	64589.85	73.1901	154198.68	9.4219	7975.65	0.2523	34.67	12.6315	74879.32
22	2205638-113 1...	4.5184	48482.85	58.8644	125718.50	6.5640	5698.02	0.2599	36.53	10.7282	65370.93
23	2205638-115 1...	5.3763	57018.62	57.6038	120580.64	13.9990	12126.88	0.2874	40.13	10.2845	62519.41
24	2205638-130 10X	42.9265	439555.66	496.0707	1049661.44	63.4835	55606.52	3.0496	411.34	77.9610	539532.24
25	2205638-131 10X	63.4059	647178.58	416.3457	903430.22	98.3252	86031.65	2.4879	335.60	119.4777	796157.62
26	2205638-131 1...	6.3351	64833.16	42.2032	88785.68	10.0193	8444.21	0.1925	26.80	12.9101	76034.13
27	CCV	103.1149	1004268.15	215.2632	443583.33	10.2841	8610.63	10.7923	1384.86	10.4183	61291.44
28	CCB	-0.1833	938.94	0.0149	336.68	-0.0055	3.67	-0.0053	1.07	0.0093	80.00
29	2205638-132 10X	71.0638	676960.44	447.0934	919530.09	114.4620	93516.05	2.1552	271.73	122.8334	762171.84
30	2205638-132 1...	6.7904	67280.53	45.0040	91473.07	11.1293	9107.57	0.1891	25.60	13.0922	74751.35
31	2205638-133 10X	65.7028	642305.71	534.4093	1150723.34	103.4743	86729.29	2.3549	304.40	111.3630	713294.42

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2205638-133 1...	6.2008	61463.54	54.2353	111047.55	10.0009	8156.06	0.2571	34.00	11.4009	64842.45
33	2205638-134 10X	73.6411	715807.42	472.6576	998550.77	115.2308	96078.78	2.2366	287.87	121.4651	757675.54
34	2205638-134 1...	7.2314	70830.66	49.1073	99020.79	11.8379	9599.52	0.2071	27.60	12.7712	73020.73
35	2205638-135 10X	50.1782	489010.10	319.3525	669014.52	89.7740	74906.04	1.3354	172.67	92.5684	563887.18
36	2205638-135 1...	4.7590	46182.80	31.3251	63079.55	8.8332	6957.17	0.1265	17.07	9.7296	52032.31
37	2205638-136 10X	51.5746	497947.01	822.1072	1727544.40	78.4592	64874.39	2.8079	357.73	84.3412	541185.52
38	2205638-137 10X	51.4507	494549.39	862.9673	1759642.68	78.5317	64646.19	2.8881	366.27	84.1289	541434.57
39	CCV	101.3386	995549.30	211.3689	440573.95	10.0980	8526.25	10.9150	1404.86	10.2778	60880.13
40	CCB	-0.1845	1016.71	0.0720	483.36	0.0030	10.67	-0.0062	1.07	0.0048	63.33
41	2205638-138 10X	50.9777	511435.07	822.2180	1755860.08	77.1323	66263.59	2.7408	362.80	80.8656	543365.67
42	2205638-139 10X	41.7631	419220.64	608.3089	1298318.91	78.0540	67006.67	2.9759	393.48	67.9872	467817.85
43	2205638-140 10X	48.6521	478344.63	637.6014	1341297.95	80.9759	68147.63	3.2801	425.34	71.8325	487214.34
44	2205638-141 10X	45.8641	444524.79	637.4556	1330473.63	80.7804	67003.24	3.1714	404.94	73.5975	489376.93
45	2205638-142 10X	59.3849	585891.47	499.7539	1062452.27	95.3226	80600.58	2.3379	304.93	114.8089	739422.36
46	CCV	101.5504	1004612.25	210.9472	441426.95	10.1164	8606.80	10.5368	1373.79	10.3740	61559.29
47	CCB	-0.1909	934.49	0.1040	520.03	-0.0015	7.00	-0.0027	1.47	0.0043	60.00
48	IP220613-5MB ...	-0.1835	1096.72	0.0711	516.71	0.0003	9.33	-0.0032	1.47	0.0067	80.00
49	IM220613-5LCS...	105.7662	1037880.31	210.5109	428633.11	9.2636	7816.23	10.6442	1376.99	10.1552	59445.03
50	IM220613-5LCS...	104.6656	1045892.91	207.8734	430281.26	9.2364	7935.29	10.1489	1336.72	10.2036	60638.98
51	2205638-143 10X	79.2907	778666.69	469.0411	1009129.80	108.2323	91200.53	2.1514	279.73	130.6966	828749.59
52	2205638-143 1...	7.7775	77135.66	48.0403	98952.59	10.7536	8855.43	0.1891	25.73	13.6413	78332.16
53	2205638-144 10X	68.5797	674713.13	544.2854	1173959.15	102.6819	86634.20	2.0701	269.60	108.3115	693999.18
54	2205638-144 1...	6.5969	65844.78	55.8187	115202.28	10.2411	8432.54	0.2141	28.93	11.4881	65638.95
55	2205638-145 10X	73.5826	693759.78	460.0761	973289.88	101.8371	82354.22	2.3838	297.33	106.2750	661883.11
56	2205638-145 1...	7.0142	67185.11	46.7430	94988.03	10.1043	7999.99	0.2207	28.53	11.9181	64835.64
57	CCV	98.6700	955532.77	203.6308	423252.87	9.8951	8236.76	10.2482	1307.79	10.0179	57296.73
58	CCB	-0.1900	955.60	0.0394	423.36	0.0014	9.33	-0.0062	1.07	-0.0027	23.33
59	2205638-146 10X	65.5978	629381.87	449.8140	951872.90	88.6202	72908.65	2.4043	305.07	108.4071	673422.90
60	2205638-146 1...	6.4342	63284.96	47.0732	96968.35	8.9532	7258.30	0.2426	32.00	11.7262	65909.92
61	2205638-147 10X	70.0542	680574.24	416.0295	888191.00	95.1985	79320.27	2.3780	305.60	107.3329	676933.61
62	2205638-147 1...	6.8278	66333.51	42.4852	86680.49	9.4699	7602.46	0.2378	31.07	11.8550	65361.02

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	2205638-148 10X	39.9811	384770.90	227.2977	470957.27	56.5411	46526.70	2.2842	290.00	101.9796	617622.99
64	2205638-149 10X	55.1455	531436.94	477.8139	1003354.90	83.5876	69011.21	2.5954	330.27	131.5023	829707.98
65	2205638-150 10X	59.8784	574655.78	496.6629	1047697.59	94.8060	77979.60	2.6641	337.73	125.2222	795098.40
66	2205638-150 1...	5.7417	56749.94	51.0987	103317.10	9.2471	7493.07	0.2880	37.60	13.2624	74939.31
67	2205638-151 10X	64.0052	618479.02	541.3396	1127895.06	89.4715	74119.71	2.4691	315.47	105.3586	659401.53
68	2205638-151 1...	6.2962	61133.73	55.8608	112224.41	9.0961	7271.31	0.1971	26.00	11.0753	62281.86
69	CCV	100.4490	972067.49	212.7674	434218.34	9.9688	8292.80	10.5489	1345.53	10.4401	60308.08
70	CCB	-0.2054	822.26	0.0645	456.69	0.0013	9.33	-0.0051	1.20	0.0055	66.67
71	2205638-152 10X	55.6879	550875.40	508.3870	1072551.42	75.2256	63755.74	2.7389	357.73	103.7004	664007.33
72	2205638-152 1...	5.4607	54158.12	52.1911	105470.58	7.6549	6210.20	0.2793	36.53	11.3011	63915.09
73	2205638-153 10X	52.7003	501604.37	446.7590	929983.61	73.9419	60277.27	2.5846	324.80	103.1765	641616.45
74	2205638-154 10X	55.8789	526777.24	485.7896	992189.67	74.4972	60170.92	2.6743	332.93	106.4517	657055.62
75	2205638-155 10X	47.0296	455295.57	356.3810	736751.99	65.7777	54509.15	2.1975	280.93	103.9041	644213.18
76	2205638-156 10X	56.6627	542462.90	548.8326	1159616.57	95.1264	78028.76	2.5952	328.13	106.0100	671118.90
77	2205638-157 10X	51.7492	491915.24	493.2919	1017666.60	80.0540	65166.60	2.8273	354.67	105.3266	659729.29
78	2205638-158 10X	48.1316	458579.96	552.2184	1119657.43	61.0593	49799.88	2.6778	336.53	106.2614	662728.82
79	2205638-159 10X	50.3839	473852.27	578.1655	1168163.13	65.5682	52802.60	2.8598	354.80	111.2886	693253.61
80	2205638-160 10X	55.5449	539052.11	1185.6769	2452860.28	50.4941	41989.49	3.6286	464.41	119.0360	769666.45
81	CCV	101.3314	991819.48	215.8727	439647.47	10.0971	8495.90	10.8325	1397.26	10.4170	60946.66
82	CCB	-0.1967	903.37	0.0718	480.03	0.0004	8.67	-0.0063	1.07	0.0078	80.01
83	2205638-161 10X	62.2494	619407.48	1146.8158	2417291.42	62.6608	53448.03	3.7508	492.54	110.1513	737037.54
84	2205638-162 10X	70.6402	700855.34	1616.1353	3395260.05	82.4376	70151.76	2.9721	389.61	129.3240	850226.19
85	CCV	102.4123	984805.93	217.8820	438422.25	10.1864	8419.20	10.9026	1381.93	10.3628	60040.26
86	CCB	-0.1898	911.15	0.1449	590.05	0.0025	9.67	-0.0105	0.53	0.0048	60.00
87	IP220613-6MB ...	-0.1846	934.49	0.1861	646.71	-0.0028	5.67	-0.0055	1.07	0.0110	90.00
88	IM220613-6LCS...	105.9929	955435.48	212.3179	394646.27	9.5027	7364.36	10.2714	1220.45	10.0627	53932.02
89	2205638-164 10X	68.3230	632281.38	1475.1714	2902886.73	81.0156	64291.49	3.0232	369.60	139.3211	861213.53
90	2205638-165 10X	65.7804	607171.62	561.9124	1102701.31	61.7344	48859.79	2.6359	321.60	94.6692	569881.57
91	2205638-166 10X	52.6932	473741.32	664.9202	1296981.72	62.3140	47983.81	3.1473	373.20	175.3987	1039508.42
92	2205638-167 10X	50.3788	443922.62	703.5776	1321471.60	55.5996	41952.99	3.4634	402.28	188.0371	1088240.35
93	2205638-168 10X	36.0334	325460.68	233.7386	446817.82	35.6847	27539.86	2.9452	350.00	120.2031	700341.03

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	2205638-169 10X	38.3082	350282.28	270.5202	519806.14	39.0976	30560.20	3.0799	370.67	120.8722	715856.97
95	2205638-170 10X	33.3518	300367.25	237.7954	457206.46	35.1396	27018.65	2.8626	339.07	116.8879	685015.38
96	2205638-171 10X	36.8040	328528.04	237.8626	459109.43	37.6572	28723.91	3.1847	373.87	126.1308	727145.61
97	CCV	99.9526	940201.63	212.6040	417254.77	10.1042	8168.40	10.8308	1342.59	10.4519	58069.46
98	CCB	-0.2046	752.25	0.0650	423.36	-0.0003	7.33	-0.0066	0.93	0.0115	90.00
99	2205638-172 10X	42.2595	391718.73	279.3450	544182.52	42.4519	33660.94	3.2874	401.21	130.8318	776021.50
100	2205638-173 10X	35.5685	321262.36	235.8562	450429.20	35.9554	27740.20	2.9263	347.60	124.5963	730798.09
101	2205638-174 10X	39.2165	356293.11	238.0963	451278.29	33.5053	26026.72	3.3301	398.14	120.1882	703137.88
102	2205638-175 10X	41.8372	379749.13	205.9715	391211.87	29.3707	22807.26	3.9240	468.68	143.0841	841161.66
103	2205638-176 10X	39.7519	357037.35	213.2978	407283.17	35.3203	27124.85	3.6271	428.68	146.1016	854156.86
104	2205638-177 10X	41.5167	373033.22	190.5969	363591.86	31.0868	23892.13	3.7426	442.28	151.0677	884689.78
105	2205638-178 10X	39.4441	351283.26	188.3375	356028.59	29.6684	22592.95	3.6424	426.81	143.7830	832777.96
106	2205638-179 10X	37.9893	335548.88	178.8845	344649.96	29.0202	21911.71	3.6426	423.34	151.4285	882354.88
107	ZZZ										
108	ZZZ										
109	CCV	100.8480	898626.91	208.6652	398992.82	10.0988	7733.86	10.7762	1264.72	10.3075	55517.63
110	CCB	-0.1989	777.81	0.0634	413.36	-0.0006	7.00	-0.0038	1.20	0.0105	83.34

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	-0.0012	6.67	0.0050	50.00	-0.0013	103.34	-0.0010	3.33	0.2313	14233.67
2	RINSE	-0.0004	16.67	0.0033	37.78	-0.0016	101.11	-0.0010	3.33	0.2300	14353.98
3	RINSE	-0.0012	6.67	0.0013	22.22	-0.0008	110.00	-0.0005	4.67	0.2185	13806.64
4	BLANK	0.0000	20.00	0.0000	12.22	0.0000	118.89	0.0000	6.00	0.0000	6961.89
5	H/1000	0.0216	263.35	0.1078	808.92	0.0081	232.23	0.0293	86.59	0.7907	30434.04
6	H/100	0.2014	2303.62	0.9947	7674.16	0.1041	1602.33	0.3003	855.27	5.1151	164362.49
7	H/10	2.0335	24993.57	10.1114	83001.98	1.0003	15359.80	3.0698	9314.61	51.1789	1841361.12
8	HIGH	19.9966	245892.42	99.9889	815450.80	9.9999	140303.77	29.9930	83768.61	499.8807	15578233.52
9	RINSE	-0.0012	6.67	0.0006	16.66	-0.0025	85.56	-0.0007	4.00	0.2358	15808.68
10	ICV	4.1096	48266.87	20.2775	161388.77	1.9983	28903.20	5.8972	16925.15	103.6240	3260062.97
11	ICB	-0.0012	6.67	0.0047	44.45	-0.0003	111.11	-0.0009	3.33	0.0518	8365.89
12	LIV	0.0450	503.36	0.2063	1522.32	0.0578	911.71	0.2153	597.86	1.2789	45432.91
13	ICSA	-0.0010	10.00	211.8728	1709484.24	0.0003	130.00	-0.0050	-7.90	0.2922	17126.73
14	ICSAB	2.1049	25361.17	224.4887	1796356.94	1.0176	14961.67	3.0807	8954.19	54.0911	1730373.41
15	CCV	2.1476	25698.25	10.4342	84357.86	1.0354	15530.02	3.1587	9363.82	52.7353	1725376.80
16	CCB	-0.0012	6.67	0.0166	132.23	-0.0008	106.67	-0.0017	1.32	0.0323	8976.25
17	2205638-64 100X	2.3111	27507.95	1.1926	9886.53	0.4325	6661.50	0.6630	2000.50	0.3303	18555.16
18	2205638-68 100X	1.9101	23775.03	1.1708	9800.90	0.4357	6768.20	0.5264	1603.80	0.5185	24713.82
19	2205638-69 100X	1.9411	24055.62	1.0768	9191.64	0.4225	6679.28	0.4966	1539.18	0.4517	22937.50
20	2205638-70 100X	1.9461	23928.86	1.1939	10232.30	0.4320	6827.15	0.4941	1531.74	0.5989	27652.06
21	2205638-74 100X	1.8357	22997.49	1.0460	8907.05	0.4173	6574.78	0.3278	1014.49	0.3413	19356.13
22	2205638-113 1...	1.6806	21535.31	0.5867	5144.24	0.1851	3069.23	0.2867	910.86	0.3583	21065.15
23	2205638-115 1...	1.5965	20240.41	1.4795	12913.19	0.3717	6009.02	0.2547	808.75	0.3037	18374.74
24	2205638-130 10X	22.6851	319872.44	5.5280	54913.04	1.3528	21757.36	2.6320	8386.18	3.8287	150758.89
25	2205638-131 10X	12.2040	166292.42	10.8263	103535.75	3.7897	60642.18	1.7267	5498.10	1.5772	63998.19
26	2205638-131 1...	1.2484	15484.68	1.1692	9890.97	0.3781	5942.31	0.1782	552.37	0.2804	17213.48
27	CCV	2.0767	26145.70	10.3249	87137.10	1.0503	16161.74	3.1877	9697.09	53.1920	1771506.90
28	CCB	-0.0018	0.00	0.0017	23.34	-0.0003	111.12	-0.0009	3.33	0.0584	8672.78
29	2205638-132 10X	10.7575	138103.91	11.9228	106169.65	4.4364	66270.05	1.9924	5923.31	1.6997	64975.33
30	2205638-132 1...	1.1424	13619.69	1.2289	10076.62	0.4381	6665.93	0.1776	534.35	0.2925	17136.88
31	2205638-133 10X	11.5218	152056.12	10.5869	97317.03	3.6352	55715.44	2.6689	8138.52	1.5930	61753.27

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2205638-133 1...	1.1692	13960.12	1.1095	9063.82	0.3468	5284.29	0.2649	791.13	0.2900	17100.08
33	2205638-134 10X	9.7032	124585.93	12.6304	113067.36	4.6508	70883.24	2.1112	6404.82	1.7874	68577.29
34	2205638-134 1...	0.9756	11718.08	1.3733	11270.77	0.4568	6886.04	0.2014	599.57	0.3173	17737.42
35	2205638-135 10X	6.3888	80810.38	10.3354	90345.85	3.3369	50929.49	1.4003	4253.67	1.1448	46176.03
36	2205638-135 1...	0.6493	7392.04	1.1239	8625.79	0.3419	5033.10	0.1390	403.82	0.2526	14914.31
37	2205638-136 10X	20.5808	266047.03	6.3894	58848.03	2.5370	38398.82	4.4281	13313.21	2.5079	87876.62
38	2205638-137 10X	20.3152	264361.26	7.5738	69952.27	2.5565	38523.57	4.5719	13684.42	2.3982	87022.07
39	CCV	2.0647	26038.84	10.2987	87485.95	1.0457	16229.60	3.1080	9537.62	52.7460	1786509.82
40	CCB	-0.0015	3.33	0.0039	42.22	-0.0012	107.78	-0.0017	1.33	0.0784	9523.34
41	2205638-138 10X	19.5786	269368.62	6.3378	61122.12	2.4910	39179.63	4.2654	13326.29	2.2476	85892.01
42	2205638-139 10X	23.1551	319030.37	6.3753	62966.70	1.9896	31297.68	3.7017	11557.40	2.4336	91239.16
43	2205638-140 10X	24.3651	332484.75	6.8410	66595.91	1.9924	30724.32	3.9098	11966.67	2.7650	102131.78
44	2205638-141 10X	24.9569	333838.81	6.5908	62895.45	2.2050	33497.88	3.8250	11536.71	2.8379	101319.25
45	2205638-142 10X	11.5511	153132.61	9.9233	91722.27	3.2629	50469.20	2.2234	6839.80	1.7073	65671.73
46	CCV	2.1111	26402.80	10.2143	86935.92	1.0384	16230.71	3.1152	9626.41	53.2147	1776700.81
47	CCB	0.0015	36.67	0.0050	50.00	0.0027	157.78	-0.0018	1.33	0.0581	8912.97
48	IP220613-5MB ...	-0.0015	3.33	0.0028	36.67	-0.0010	117.78	-0.0020	0.67	0.3413	17901.36
49	IM220613-5LCS...	2.0261	25257.45	10.2067	85685.94	1.0779	16710.09	3.1735	9729.92	52.3274	1721813.93
50	IM220613-5LCS...	1.9925	25397.89	10.1295	86331.61	1.0343	16333.03	3.0552	9537.07	51.0783	1726032.84
51	2205638-143 10X	9.5834	124604.85	11.3685	103455.28	4.3068	66349.27	1.9665	6029.62	2.0634	79779.80
52	2205638-143 1...	1.0143	12368.65	1.2547	10345.69	0.4131	6331.36	0.2111	637.66	0.3465	18932.01
53	2205638-144 10X	12.2861	162972.22	10.7553	98901.31	3.6616	56496.88	2.9448	9037.52	1.9385	73329.04
54	2205638-144 1...	1.2542	15040.89	1.1803	9685.27	0.3766	5784.48	0.3092	931.08	0.3333	18514.96
55	2205638-145 10X	12.6053	158874.27	11.0757	98995.03	4.3723	64651.36	2.1453	6311.52	1.7385	65725.25
56	2205638-145 1...	1.3061	14780.79	1.2324	9631.93	0.4423	6508.09	0.2110	613.73	0.3249	17016.59
57	CCV	2.0938	24976.87	10.2615	84158.25	1.0178	15572.24	3.1308	9469.91	53.1816	1693561.12
58	CCB	-0.0006	13.33	0.0043	44.44	-0.0023	90.00	-0.0022	0.00	0.0747	9283.11
59	2205638-146 10X	12.7187	163816.26	9.1215	81321.27	3.3514	50431.31	1.9989	5983.80	1.9313	71701.42
60	2205638-146 1...	1.3365	16008.67	1.0082	8138.86	0.3281	4977.52	0.2193	651.88	0.3453	18678.68
61	2205638-147 10X	11.6080	150948.67	10.2040	92360.28	4.0193	61232.42	1.8936	5741.94	1.7521	66522.36
62	2205638-147 1...	1.2563	14614.07	1.1146	8825.91	0.3990	5964.55	0.1885	555.81	0.3391	17890.89

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	2205638-148 10X	9.7631	123682.13	8.4000	73013.55	1.9570	29512.07	1.1061	3314.48	1.0331	41529.60
64	2205638-149 10X	13.9720	178015.62	7.7127	69839.61	2.7401	41402.99	2.5003	7509.59	1.6203	61036.86
65	2205638-150 10X	14.5727	187611.00	8.7362	79610.34	3.2249	48524.11	2.8553	8542.51	1.6908	64236.40
66	2205638-150 1...	1.4692	17183.30	0.9347	7588.55	0.3147	4776.35	0.2958	876.61	0.3598	18795.35
67	2205638-151 10X	13.5038	173598.36	9.1630	82299.54	3.1342	47496.70	2.6076	7858.54	1.7020	62505.56
68	2205638-151 1...	1.4100	16469.39	0.9730	7859.82	0.3229	4833.02	0.2673	781.92	0.3023	18408.15
69	CCV	2.0885	25401.12	10.2603	85001.37	1.0467	16002.68	3.1649	9570.54	54.1965	1766280.13
70	CCB	-0.0009	10.00	0.0017	25.56	-0.0014	103.34	-0.0017	1.33	0.0907	9933.58
71	2205638-152 10X	14.3644	187395.77	8.2169	75510.63	2.7374	42459.16	3.3056	10189.23	1.7120	65725.88
72	2205638-152 1...	1.5256	18020.92	0.8795	7146.13	0.2756	4202.85	0.3361	996.00	0.3393	18408.22
73	2205638-153 10X	14.6261	184517.10	7.1725	64019.88	2.5919	38676.22	2.3019	6827.19	1.6084	61070.22
74	2205638-154 10X	14.9032	191433.14	7.6654	67907.99	2.7070	40016.19	2.8321	8321.52	3.2302	111526.13
75	2205638-155 10X	11.6979	149389.95	6.4255	57180.83	2.1997	33386.50	1.9275	5811.45	1.1484	44925.28
76	2205638-156 10X	14.6808	191312.94	10.0124	90966.01	2.6649	40011.60	2.9557	8818.86	1.9335	70374.80
77	2205638-157 10X	16.1280	206231.16	7.5380	67760.71	2.3198	34590.16	2.5816	7644.54	2.7509	104577.44
78	2205638-158 10X	15.3594	197222.45	6.1358	54925.38	1.9269	28799.64	3.3419	9912.40	1.6413	60146.88
79	2205638-159 10X	17.5498	221366.17	6.8582	61306.13	2.1525	31752.99	3.8457	11262.01	2.2055	78175.97
80	2205638-160 10X	17.4468	232188.83	4.6778	43416.89	1.2153	18572.16	6.0361	18246.98	1.4951	57061.49
81	CCV	2.1396	26592.93	10.2319	85875.64	1.0102	15626.77	3.1370	9591.80	53.5426	1792150.86
82	CCB	-0.0009	10.00	0.0031	36.67	0.0005	131.11	-0.0010	3.33	0.1113	10744.16
83	2205638-161 10X	17.0026	236674.14	5.9268	56913.25	2.0701	32347.70	5.5484	17207.80	1.5328	61183.65
84	2205638-162 10X	17.4841	235765.50	6.9785	65849.60	1.9720	30748.90	7.4109	22928.14	2.3437	87279.57
85	CCV	2.0587	25638.09	10.2200	84903.83	1.0496	15946.01	3.2161	9661.28	54.2000	1798739.09
86	CCB	0.0003	23.33	0.0030	33.34	-0.0018	93.33	-0.0015	2.00	0.1074	10707.48
87	IP220613-6MB ...	0.0007	26.67	0.0043	42.22	-0.0015	94.45	-0.0012	2.66	0.4605	19716.60
88	IM220613-6LCS...	2.0402	23421.63	10.2028	78425.77	1.0411	14828.20	3.0609	8619.98	52.5166	1605707.06
89	2205638-164 10X	16.8724	215092.09	6.3443	56291.22	1.9649	28579.34	6.5222	18820.35	2.0126	72830.54
90	2205638-165 10X	13.3461	164753.29	6.1797	53391.19	2.0748	30082.12	4.1636	11984.00	1.2956	48349.12
91	2205638-166 10X	15.9170	192702.92	5.4255	46152.24	1.3835	19560.10	4.6193	12934.13	1.6507	58225.84
92	2205638-167 10X	16.1663	196049.41	4.7603	39543.41	1.4148	19596.74	5.1217	14054.39	1.3606	48854.42
93	2205638-168 10X	13.9671	168248.15	3.2554	27230.07	0.7652	10893.89	1.2965	3642.42	1.9625	67041.20

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	2205638-169 10X	15.1876	183758.86	3.5368	30068.46	1.1776	16913.69	1.6561	4710.43	1.2897	46850.85
95	2205638-170 10X	14.7008	178176.59	3.0674	25809.91	0.8613	12205.99	1.3039	3649.89	1.2435	45557.38
96	2205638-171 10X	14.5610	177146.64	3.4124	28238.47	0.8262	11616.62	1.3411	3723.01	1.2582	45938.79
97	CCV	2.1063	24676.59	10.2835	81952.62	1.0227	15206.39	3.1851	9362.06	53.3845	1655926.90
98	CCB	-0.0018	0.00	0.0023	27.78	-0.0019	87.78	-0.0017	1.33	0.1455	10770.82
99	2205638-172 10X	15.4779	190280.78	3.5776	30462.57	0.9554	13944.06	1.5652	4516.34	1.3458	49690.24
100	2205638-173 10X	14.9106	179283.51	3.1309	26361.95	0.7986	11364.25	1.3561	3809.22	1.2671	46352.61
101	2205638-174 10X	16.0814	194242.50	3.3877	28453.32	0.5949	8553.55	1.3974	3951.05	2.8167	93784.00
102	2205638-175 10X	17.3560	206218.34	3.2915	27783.29	0.5020	7231.75	1.5010	4242.53	1.7664	61585.21
103	2205638-176 10X	16.6240	199791.68	3.2893	27608.51	0.6936	9837.64	1.4983	4187.87	1.4026	50375.72
104	2205638-177 10X	16.1792	196287.58	3.1869	26788.22	0.5183	7389.59	1.3672	3824.51	1.4363	50924.02
105	2205638-178 10X	17.2512	205331.01	2.9466	24501.17	0.4686	6630.36	1.1151	3091.91	1.8808	63258.48
106	2205638-179 10X	17.0786	206839.85	2.8504	23850.20	0.4501	6316.90	1.1072	3043.29	1.6751	61210.77
107	ZZZ										
108	ZZZ										
109	CCV	2.0757	23481.42	10.2399	79097.55	1.0589	14907.17	3.1241	8697.30	53.9721	1758418.83
110	CCB	-0.0011	6.67	0.0036	35.55	-0.0015	91.11	-0.0014	2.00	0.2875	14367.28

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0112	132.22	-0.0122	56.67	0.0000	3.33	0.0014	350.02	0.0004	83.36
2	RINSE	0.0040	84.45	-0.0143	53.33	0.0001	6.67	0.0009	296.68	0.0000	13.33
3	RINSE	0.0036	82.22	-0.0075	66.67	0.0007	20.00	0.0000	190.01	0.0000	23.33
4	BLANK	0.0000	55.56	0.0000	80.00	0.0000	3.33	0.0000	180.01	0.0000	16.67
5	H/1000	0.0349	286.68	0.1098	306.69	0.0270	616.71	0.0331	3967.35	0.0286	4424.17
6	H/100	0.2957	2093.51	0.8992	1980.24	0.3035	7231.97	0.2961	35766.17	0.2699	43699.88
7	H/10	3.1317	23038.23	9.4137	21385.80	2.9097	75230.71	3.0004	414536.84	2.7223	506241.23
8	HIGH	29.9869	218633.26	100.0596	208571.44	30.0090	732523.61	33.3875	3908970.05	30.0281	4733688.99
9	RINSE	0.0056	91.11	-0.0184	43.33	0.0005	13.33	0.0004	260.02	0.0000	16.67
10	ICV	6.1514	43819.91	19.7751	42409.33	6.3811	156404.47	6.0341	743675.43	5.5867	926996.94
11	ICB	0.0009	58.89	-0.0261	26.67	0.0011	26.67	-0.0003	143.34	0.0001	26.67
12	LIV	0.1137	798.92	0.4650	1033.42	0.0554	1276.79	0.0508	6081.47	0.0447	6998.65
13	ICSA	0.0078	117.78	-0.0023	80.00	0.0057	143.34	0.0055	866.73	0.0003	73.34
14	ICSAB	3.1940	22902.47	10.2772	22353.79	3.1167	75626.13	3.1590	384114.15	2.8696	469685.43
15	CCV	3.1709	22975.97	9.8860	21929.82	3.0600	78282.32	3.0236	387147.69	2.7484	473556.36
16	CCB	-0.0005	52.22	-0.0265	26.67	0.0003	10.00	-0.0001	190.01	0.0001	36.67
17	2205638-64 100X	0.1719	1334.52	26.8479	60342.29	6.9777	177542.72	12.6757	1649059.56	1.1125	194897.80
18	2205638-68 100X	0.2202	1709.00	29.5526	66989.02	6.8778	175555.93	12.3288	1590892.68	1.0602	184187.47
19	2205638-69 100X	0.1415	1143.39	30.2571	69744.95	6.7774	174731.77	12.1915	1589989.30	1.0321	181263.83
20	2205638-70 100X	0.2146	1705.67	29.7859	68670.05	6.8294	174360.40	12.0483	1562229.35	1.0387	181327.41
21	2205638-74 100X	0.1418	1142.28	29.5634	67876.67	6.0003	153265.20	10.0150	1302683.52	0.9450	165555.10
22	2205638-113 1...	0.1501	1238.95	21.9484	51694.64	4.1858	110796.70	7.3918	1025357.20	0.7214	134806.26
23	2205638-115 1...	0.2542	2046.83	26.0481	61239.53	4.6360	120414.05	7.8737	1048108.68	0.7277	130490.10
24	2205638-130 10X	1.3460	12022.55	201.6643	479071.88	66.8918	1774183.62	122.5238	17690297.24	12.3520	2401759.70
25	2205638-131 10X	1.9845	17034.98	196.5321	466357.81	43.5302	1161493.11	70.0666	9627951.94	6.3355	1172418.68
26	2205638-131 1...	0.2177	1707.90	19.6574	44979.86	4.2601	109373.42	6.9320	908832.57	0.6561	115852.84
27	CCV	3.1382	23732.55	9.9873	22737.75	3.1169	80663.95	3.1007	395019.56	2.8201	483554.92
28	CCB	-0.0034	32.22	-0.0327	13.33	0.0002	6.67	0.0005	240.01	0.0002	40.00
29	2205638-132 10X	2.4920	19900.59	177.3785	393075.49	40.3905	1016307.77	62.3542	8203080.50	5.4368	963285.22
30	2205638-132 1...	0.2688	2031.27	17.1566	38131.63	3.9751	98494.64	6.0666	768869.49	0.5485	93633.57
31	2205638-133 10X	2.2392	18463.23	171.9861	391023.42	43.5448	1123982.20	66.9388	9127823.41	5.9167	1086601.49

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2205638-133 1...	0.2355	1779.02	16.9290	37489.87	4.1999	104925.30	6.5936	847181.24	0.6027	104301.52
33	2205638-134 10X	2.7101	21750.88	181.1001	409550.75	41.4200	1052775.27	61.0083	8234091.13	5.2051	946100.09
34	2205638-134 1...	0.2822	2130.17	17.9387	39504.89	4.1368	103016.47	6.0647	766288.40	0.5405	91977.30
35	2205638-135 10X	1.8935	14859.41	111.5898	252593.02	36.6631	943845.58	52.8077	7055644.06	4.3865	789334.94
36	2205638-135 1...	0.2062	1471.20	11.1305	23835.97	3.6405	88199.17	5.0939	626154.90	0.4457	73757.27
37	2205638-136 10X	1.6453	13609.36	196.2752	440148.73	64.9135	1667468.46	113.1754	14761702.70	11.2432	1974463.77
38	2205638-137 10X	1.6384	13593.78	192.7891	430411.35	65.3669	1659338.31	112.7262	14765901.03	11.2507	1984837.47
39	CCV	3.1678	24114.25	9.9000	22751.09	3.1305	81512.68	3.0221	401619.93	2.7145	485584.02
40	CCB	-0.0004	55.56	-0.0318	16.67	0.0017	43.33	0.0004	236.68	0.0001	26.67
41	2205638-138 10X	1.6392	14199.93	184.2514	429292.87	63.5643	1665863.41	107.6053	14799503.95	10.7256	1986942.37
42	2205638-139 10X	1.7338	15375.46	215.1789	501005.68	74.9910	1982053.67	130.6116	17818861.40	13.0854	2404371.84
43	2205638-140 10X	1.7184	15021.78	230.1469	525293.17	76.4438	1992657.52	135.7337	18250660.98	13.6172	2465720.38
44	2205638-141 10X	1.5442	13241.28	271.4192	610553.66	77.3062	1997001.95	138.9873	18242265.15	13.6194	2407230.33
45	2205638-142 10X	2.0867	17306.43	172.7084	396082.89	42.7153	1110731.36	67.7753	9129820.91	6.0016	1088826.15
46	CCV	3.1497	24025.29	9.8966	22891.03	3.0844	81354.94	3.0474	398705.06	2.7791	489393.27
47	CCB	-0.0004	54.45	-0.0236	33.33	0.0032	76.67	0.0011	323.35	0.0001	36.67
48	IP220613-5MB ...	-0.0006	57.78	-0.0267	30.00	0.0014	40.00	0.0006	263.35	0.0001	30.00
49	IM220613-5LCS...	3.1396	23617.97	9.7581	22393.65	3.2281	81861.31	3.0676	393544.11	5.4207	936226.13
50	IM220613-5LCS...	3.0982	23662.49	9.5278	22266.88	3.1692	81606.19	3.0581	401800.15	5.3823	951964.41
51	2205638-143 10X	1.8545	15150.80	197.0132	450244.52	39.4552	1025604.52	59.4516	8183678.21	5.0606	938131.57
52	2205638-143 1...	0.1948	1495.65	19.3651	43301.29	3.9355	99339.74	5.8735	757165.51	0.5227	90734.76
53	2205638-144 10X	2.0644	17034.96	199.4178	456349.45	50.5226	1313436.91	80.9954	11025401.92	7.0668	1295552.85
54	2205638-144 1...	0.2074	1581.22	19.5420	43683.00	4.9246	123803.00	7.9994	1029791.86	0.7277	126117.63
55	2205638-145 10X	1.9663	15774.77	210.0265	460675.24	48.5966	1230968.81	76.7762	10313874.85	6.7958	1229524.36
56	2205638-145 1...	0.2238	1617.88	20.2255	43516.19	4.8942	119855.10	7.4807	937756.52	0.6934	117138.19
57	CCV	3.1473	23128.32	9.9075	22430.39	3.0230	77427.97	2.9628	377015.54	2.7025	463010.62
58	CCB	-0.0005	53.33	-0.0270	26.67	0.0003	10.00	0.0010	306.69	0.0001	33.33
59	2205638-146 10X	1.6675	13352.80	204.7244	456814.04	44.3751	1120243.92	71.9602	9612477.98	6.4815	1166062.43
60	2205638-146 1...	0.1839	1386.75	20.4889	45077.32	4.4243	110440.25	7.1813	924738.66	0.6719	116540.07
61	2205638-147 10X	1.8626	15136.35	204.4790	462086.87	43.8193	1134035.56	70.9054	9589360.06	6.3378	1154575.40
62	2205638-147 1...	0.1962	1446.76	19.8955	43351.94	4.4484	109802.99	6.9369	875375.51	0.6506	110554.80

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	2205638-148 10X	1.0468	8196.72	110.8684	247462.97	27.7705	705425.77	44.6848	5891824.91	4.1051	729039.18
64	2205638-149 10X	1.1385	9281.75	256.2860	573840.37	41.9120	1068762.59	69.3665	9158855.49	6.3221	1124302.04
65	2205638-150 10X	1.6072	13157.89	217.3480	484862.91	45.4881	1156088.48	73.2789	9850276.73	6.6533	1204727.15
66	2205638-150 1...	0.1599	1220.07	20.9925	46166.70	4.5130	110621.31	7.3038	921804.52	0.6839	116226.27
67	2205638-151 10X	1.7119	13809.56	187.8075	421976.28	46.2648	1166532.59	74.8860	9847311.52	6.8752	1217501.10
68	2205638-151 1...	0.1793	1353.42	18.9094	41045.97	4.5425	112293.97	7.4711	1013081.73	0.7129	130213.47
69	CCV	3.1814	23616.81	10.1755	23024.63	3.0532	77853.61	3.0308	391903.89	2.7399	476919.00
70	CCB	-0.0026	40.00	-0.0128	56.67	0.0020	50.00	0.0006	260.02	0.0002	46.67
71	2205638-152 10X	1.3989	11559.95	176.2814	405223.09	40.9329	1045300.06	68.5136	9256461.95	6.2828	1143210.11
72	2205638-152 1...	0.1569	1198.95	17.6358	38833.42	4.0530	99613.53	6.7220	850928.32	0.6484	110518.80
73	2205638-153 10X	1.3671	10971.75	227.3525	502664.78	47.4424	1186852.82	80.3794	10626464.01	7.3156	1302500.37
74	2205638-154 10X	1.3301	10597.05	205.9278	451105.02	46.3940	1150835.01	79.9518	10427526.10	7.4085	1301379.01
75	2205638-155 10X	1.1000	8814.82	171.0443	384405.94	36.6203	917990.48	58.3768	7573236.56	5.3412	933152.23
76	2205638-156 10X	1.7335	14144.29	219.4890	488300.91	53.5033	1356532.85	87.7817	11655776.08	8.3673	1495954.72
77	2205638-157 10X	1.2629	10213.47	239.5410	528849.76	50.8750	1270900.52	86.7220	12339535.65	8.8253	1691145.96
78	2205638-158 10X	1.1187	9018.25	212.6340	470354.56	45.0381	1127389.72	79.6567	10317194.85	7.5169	1311346.96
79	2205638-159 10X	1.0000	8058.84	258.8554	565319.97	49.0655	1210325.43	86.7728	11143769.00	8.9289	1543988.99
80	2205638-160 10X	0.7113	5970.11	170.4579	384413.41	43.5625	1103540.50	86.8971	11352537.75	9.5227	1675427.48
81	CCV	3.1230	23487.76	9.6188	22020.02	3.1191	79307.91	2.9990	395213.48	2.7350	485135.89
82	CCB	-0.0029	38.89	-0.0161	50.00	0.0004	13.33	0.0016	390.02	0.0001	36.67
83	2205638-161 10X	0.8559	7418.52	181.2633	419350.78	47.3077	1221576.99	88.5260	12254537.74	9.5067	1771894.45
84	2205638-162 10X	1.2380	10511.43	219.3552	506246.83	46.8189	1199521.78	84.7422	11440181.08	8.7508	1591354.77
85	CCV	3.1571	23503.27	9.9762	22427.12	3.1086	78182.14	3.0377	395794.55	2.7446	481406.39
86	CCB	-0.0001	54.45	-0.0112	56.67	0.0029	66.67	0.0013	350.02	0.0004	76.67
87	IP220613-6MB ...	-0.0007	50.00	-0.0090	60.00	0.0014	33.33	0.0004	230.01	0.0000	23.33
88	IM220613-6LCS...	3.1711	21842.02	9.4666	19957.12	3.2748	75060.17	3.0393	366497.82	5.3745	872243.69
89	2205638-164 10X	1.1610	9272.88	244.8960	527076.05	47.7888	1158877.25	85.7074	11016724.84	8.5355	1477255.65
90	2205638-165 10X	1.0825	8421.28	130.7209	280634.14	40.1303	955753.24	82.3223	10496381.09	9.1017	1562718.73
91	2205638-166 10X	1.1809	9042.73	175.1646	365809.15	40.0488	952197.07	68.8104	8521406.96	6.4743	1079852.22
92	2205638-167 10X	0.8790	6584.80	173.2348	354511.26	38.3344	885928.89	65.5742	8051363.01	6.2701	1036975.04
93	2205638-168 10X	0.5882	4459.59	178.8476	374291.96	29.2042	688312.07	55.9855	6851181.98	5.4976	906125.64

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	2205638-169 10X	0.6529	5025.34	183.0665	388047.32	32.8652	773087.15	62.7773	7735724.88	6.1421	1019399.96
95	2205638-170 10X	0.5897	4496.27	192.4397	401273.80	31.5904	741887.93	60.3571	7415140.72	5.9192	979253.09
96	2205638-171 10X	0.5872	4404.02	185.3855	383448.90	30.6566	712935.25	58.4768	7202887.60	5.7380	951853.27
97	CCV	3.2118	22905.90	9.7862	21519.36	3.1081	75797.34	2.9756	365559.59	2.7041	447168.30
98	CCB	0.0001	53.33	-0.0240	30.00	0.0023	50.00	0.0011	306.68	0.0002	40.00
99	2205638-172 10X	0.5846	4511.84	187.2223	402583.88	32.0169	761613.76	60.5319	7608663.85	5.8661	993219.46
100	2205638-173 10X	0.5126	3919.44	198.4150	415129.90	30.5065	714267.05	57.6464	7120355.93	5.6808	945096.96
101	2205638-174 10X	0.5874	4470.72	183.6724	386897.81	34.0998	798393.40	64.2466	7951703.42	6.2578	1043121.31
102	2205638-175 10X	0.5241	4016.14	186.5692	392817.13	32.1807	748397.49	61.5782	7551474.89	6.1237	1011326.32
103	2205638-176 10X	0.5066	3862.77	193.2314	402436.53	33.6332	778765.53	61.7523	7574194.26	6.3336	1046246.26
104	2205638-177 10X	0.4726	3614.91	186.4909	388675.66	30.0442	701770.77	57.4463	7032099.48	5.7983	956146.73
105	2205638-178 10X	0.5290	3992.79	169.9360	350911.54	32.2311	741452.31	63.1119	7668532.18	6.2516	1023110.25
106	2205638-179 10X	0.5364	4072.82	189.3663	387643.21	31.3201	729327.30	62.2849	8009367.80	6.2388	1080756.03
107	ZZZ										
108	ZZZ										
109	CCV	3.1732	21964.45	9.9747	20781.47	3.0876	72628.32	2.9805	386493.52	2.7183	474568.88
110	CCB	-0.0021	38.89	-0.0290	20.00	0.0013	30.00	-0.0001	170.01	0.0001	26.67

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0008	50.00	0.0130	338.10	-0.0001	2180.18	0.0142	345.57	0.0012	44.45
2	RINSE	0.0003	36.67	0.0074	212.38	-0.0033	2126.84	0.0061	152.23	0.0005	23.33
3	RINSE	0.0000	30.00	0.0042	139.52	0.0027	2316.87	0.0039	97.78	0.0004	18.89
4	BLANK	0.0000	30.00	0.0000	45.71	0.0000	2223.53	0.0004	10.00	0.0000	6.67
5	H/1000	0.0324	840.07	0.0021	93.81	0.0553	4097.10	0.0199	493.35	0.0095	294.45
6	H/100	0.2866	7542.22	0.0163	430.49	0.4811	19599.43	0.0879	2304.87	0.0976	3123.72
7	H/10	2.8502	87492.57	0.1935	4968.48	4.7856	185608.43	1.0012	28721.84	0.9521	33000.99
8	HIGH	30.0151	798629.16	2.0007	48045.95	50.0216	1716886.89	9.9997	320646.24	10.0048	327336.47
9	RINSE	-0.0001	30.00	-0.0010	22.38	-0.0202	1540.11	0.0039	97.78	-0.0001	4.45
10	ICV	5.9669	163690.83	0.3938	9536.93	9.3122	341556.16	1.8083	50469.83	1.9760	64912.06
11	ICB	-0.0003	23.33	-0.0009	24.29	-0.0108	1823.48	0.0010	24.45	-0.0001	2.22
12	LIV	0.0473	1233.45	0.0084	236.67	0.1905	8861.51	0.0224	565.61	0.0107	336.68
13	ICSA	0.0009	56.67	0.0000	48.09	-0.0166	1766.80	0.0046	122.22	0.0002	13.34
14	ICSAB	3.0095	81328.23	0.2079	5006.59	5.0395	181611.81	1.1779	31573.37	1.0354	33675.90
15	CCV	2.9081	82421.74	0.1996	5072.32	4.8971	186741.28	1.0808	30564.59	0.9933	34069.10
16	CCB	-0.0005	20.00	-0.0010	22.86	-0.0207	1543.45	0.0007	17.78	0.0000	6.67
17	2205638-64 100X	4.4946	124723.51	0.0530	1376.27	57.9686	2257894.32	1.0225	29840.87	0.3331	11364.54
18	2205638-68 100X	4.1325	113743.50	0.0532	1386.74	61.0011	2372827.62	0.8922	25914.43	0.3399	11634.77
19	2205638-69 100X	4.0587	113272.18	0.0547	1439.13	58.8071	2342179.91	0.9034	26876.20	0.3243	11211.10
20	2205638-70 100X	4.0637	113128.96	0.0564	1465.80	60.7258	2373155.67	0.9071	26478.81	0.3380	11572.50
21	2205638-74 100X	3.6845	103427.69	0.0517	1348.64	58.1830	2301595.73	0.9451	27960.99	0.3300	11302.28
22	2205638-113 1...	2.9202	86803.56	0.0345	951.94	63.1172	2530105.08	0.4343	12832.52	0.2626	9327.55
23	2205638-115 1...	2.9400	83260.18	0.0444	1185.29	48.8449	1919062.61	0.8179	23936.60	0.2999	10446.06
24	2205638-130 10X	47.2810	1468704.09	0.4008	10499.97	198.2112	7885916.44	7.8775	279376.39	2.4273	86282.99
25	2205638-131 10X	25.5213	737851.37	0.5403	14223.54	546.5539	22292415.19	7.7151	279495.25	2.1011	75163.26
26	2205638-131 1...	2.5760	71872.33	0.0522	1368.64	55.1408	2174501.93	0.8515	25040.74	0.2131	7337.52
27	CCV	3.0035	84309.27	0.2046	5256.67	4.9354	193614.43	1.0837	31527.80	1.0040	34829.67
28	CCB	-0.0009	6.67	-0.0011	19.53	-0.0155	1623.46	0.0016	38.89	-0.0001	3.33
29	2205638-132 10X	21.8313	602348.68	0.5470	13577.20	637.5563	24646249.84	7.9224	273327.61	2.0407	68824.27
30	2205638-132 1...	2.1712	59097.98	0.0536	1356.74	63.3330	2413278.97	0.8548	24296.08	0.1997	6639.38
31	2205638-133 10X	24.3103	675825.02	0.5120	13042.94	504.6192	20425503.45	7.4476	266076.22	2.2979	79507.34

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2205638-133 1...	2.3606	64319.27	0.0470	1203.87	50.5725	1943081.61	0.8060	23061.87	0.2171	7276.38
33	2205638-134 10X	20.7170	583327.36	0.5676	14233.57	682.8915	27117809.80	6.9803	242024.57	2.0016	68202.10
34	2205638-134 1...	2.0766	55739.04	0.0561	1424.36	70.5689	2668135.11	0.7616	21429.43	0.1970	6583.80
35	2205638-135 10X	16.7269	470840.01	0.4358	11082.28	543.2019	21384075.62	5.5807	185452.78	1.7395	60027.58
36	2205638-135 1...	1.6838	43556.56	0.0420	1049.09	54.7450	2063499.11	0.5998	16742.08	0.1715	5575.60
37	2205638-136 10X	42.1065	1172054.33	0.4449	11283.38	353.6995	13972959.69	5.1956	171624.02	2.4570	84591.53
38	2205638-137 10X	42.2858	1175349.41	0.4460	11181.88	364.8353	13986566.25	5.0885	162691.33	2.4909	84787.16
39	CCV	2.9561	85746.29	0.2086	5389.11	4.9811	197584.41	1.0823	31841.82	1.0062	35118.13
40	CCB	-0.0002	26.67	-0.0014	15.71	-0.0012	2303.53	0.0010	25.56	-0.0001	3.33
41	2205638-138 10X	40.5721	1172719.67	0.4208	10890.73	345.3666	13869027.50	5.0169	167703.07	2.4327	85450.30
42	2205638-139 10X	53.4671	1536042.01	0.4403	11492.59	252.2091	10119911.72	7.7520	276467.25	2.7825	98574.39
43	2205638-140 10X	54.2817	1544507.68	0.4543	11697.99	267.2049	10570973.54	8.5929	308050.98	2.9513	103124.55
44	2205638-141 10X	55.2220	1526093.93	0.4592	11711.34	265.7906	10429909.33	8.6665	308695.11	2.8869	99948.62
45	2205638-142 10X	24.3296	679075.09	0.5087	13054.36	459.9075	18264508.95	6.1835	211704.18	2.3435	81686.26
46	CCV	2.9599	84797.99	0.2068	5413.40	4.9277	196269.73	1.0889	32175.83	0.9951	35185.05
47	CCB	0.0012	60.00	-0.0009	25.71	0.0094	2566.89	0.0011	26.66	0.0001	10.00
48	IP220613-5MB ...	-0.0006	16.67	-0.0014	16.66	-0.0036	2390.21	0.0009	25.56	0.0002	12.22
49	IM220613-5LCS...	2.9863	83051.49	0.2053	5166.17	4.8207	186929.04	0.9803	28097.35	1.0133	34443.22
50	IM220613-5LCS...	2.9540	84436.85	0.2086	5330.99	4.8262	190196.37	0.9593	27933.64	1.0073	34759.61
51	2205638-143 10X	19.9993	576413.77	0.5459	13998.08	652.6259	26393571.48	6.1760	213934.06	1.9622	68365.29
52	2205638-143 1...	2.0326	55437.88	0.0511	1319.12	66.9290	2584831.95	0.6620	18973.78	0.1988	6733.87
53	2205638-144 10X	28.3953	798715.56	0.5043	12939.51	490.0507	19869180.54	3.8946	127808.07	2.7410	95509.38
54	2205638-144 1...	2.8695	78367.24	0.0482	1241.49	49.7363	1926658.57	0.3945	11254.53	0.2724	9187.46
55	2205638-145 10X	27.5006	767442.91	0.5567	13912.29	618.7530	24603839.64	5.3851	179896.17	2.4627	83617.12
56	2205638-145 1...	2.7639	72067.00	0.0561	1400.08	63.0652	2403708.76	0.5793	16346.14	0.2519	8272.45
57	CCV	2.9056	80384.01	0.2060	5236.67	4.8587	192244.44	1.0523	30847.40	1.0049	34499.92
58	CCB	0.0002	36.67	-0.0014	16.19	0.0053	2560.20	0.0012	32.22	0.0005	22.22
59	2205638-146 10X	26.3372	733608.27	0.4744	11822.38	441.8827	17576995.78	4.6950	154236.21	2.6357	89176.33
60	2205638-146 1...	2.6901	73727.83	0.0460	1179.10	44.7682	1729976.78	0.4833	13784.53	0.2649	8870.58
61	2205638-147 10X	25.7546	723619.49	0.5089	12996.69	549.1716	22037435.19	4.7424	157348.33	2.4233	84055.86
62	2205638-147 1...	2.5933	69340.44	0.0506	1277.21	56.2253	2150278.94	0.4954	13994.76	0.2439	8073.45

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	2205638-148 10X	17.0956	470474.76	0.3639	9136.20	328.9207	12805177.21	6.0569	201366.08	1.5558	52971.32
64	2205638-149 10X	25.8729	721426.42	0.4674	11766.14	392.3506	15488245.08	5.5520	184875.38	2.6168	89443.80
65	2205638-150 10X	27.6625	764152.12	0.5384	13499.52	450.9497	17880998.69	7.1082	246797.61	2.8014	95434.04
66	2205638-150 1...	2.7385	73225.23	0.0502	1259.59	45.6894	1733255.12	0.7638	21551.83	0.2703	8890.58
67	2205638-151 10X	27.6759	760569.49	0.4972	12371.88	454.9668	17820023.38	5.2223	171142.10	2.6665	90110.38
68	2205638-151 1...	2.8548	82033.69	0.0471	1195.77	45.7892	1726983.09	0.5480	15281.61	0.2569	8525.97
69	CCV	2.9973	82687.07	0.2073	5247.15	4.9675	192939.61	1.0846	31251.58	1.0202	34872.05
70	CCB	0.0013	63.34	-0.0013	17.14	0.0061	2503.56	0.0010	26.67	0.0001	11.11
71	2205638-152 10X	25.8854	729943.69	0.4617	11641.76	397.6065	15768311.75	5.2850	175636.74	2.3219	79481.58
72	2205638-152 1...	2.6236	70758.16	0.0446	1126.71	39.7193	1506353.22	0.5541	15535.20	0.2360	7782.18
73	2205638-153 10X	29.8609	831426.60	0.4514	11150.44	325.7843	12748556.89	4.6902	151558.40	2.7684	92821.21
74	2205638-154 10X	30.2609	825679.03	0.4728	11580.77	364.2903	13989019.27	3.9183	121847.35	2.7959	92977.61
75	2205638-155 10X	21.9992	595837.18	0.4292	10626.70	371.6334	14440498.01	7.2553	247714.13	2.2107	74292.31
76	2205638-156 10X	32.5660	891459.02	0.4993	12494.85	345.1787	13711644.48	6.5166	223507.10	3.1938	108539.45
77	2205638-157 10X	33.6591	995639.10	0.4802	11838.59	321.3995	12465438.25	7.0070	237404.58	2.9625	99194.97
78	2205638-158 10X	30.8536	842905.12	0.4133	10220.24	241.1059	9192183.30	4.5560	142939.05	3.1572	105930.27
79	2205638-159 10X	33.9373	914062.28	0.4418	10758.71	272.4018	10347288.18	5.1781	164393.71	3.4063	112621.00
80	2205638-160 10X	36.7753	1017469.33	0.3609	9038.51	156.3076	6080721.97	6.4570	216523.79	3.1660	107499.63
81	CCV	3.0523	85682.40	0.2054	5185.22	4.9289	191097.45	1.0812	31086.70	1.0160	34640.39
82	CCB	0.0004	40.00	-0.0010	25.24	0.0186	3003.62	0.0016	41.11	0.0005	21.11
83	2205638-161 10X	36.6166	1055764.75	0.4196	10701.53	238.9905	9472964.18	7.4515	260677.05	3.4847	120605.91
84	2205638-162 10X	33.7561	948362.23	0.4296	10870.22	243.8106	9630517.10	6.2745	212748.15	3.5372	121488.44
85	CCV	2.9881	83731.67	0.2047	5110.91	4.9506	189606.82	1.0731	30475.48	1.0107	34075.53
86	CCB	0.0005	43.33	-0.0014	14.76	0.0088	2526.89	0.0012	28.89	0.0009	33.34
87	IP220613-6MB ...	0.0006	43.33	-0.0010	22.86	-0.0014	2116.85	0.0012	28.89	0.0006	24.44
88	IM220613-6LCS...	2.9722	77106.89	0.2051	4667.42	4.9150	173900.48	0.9823	25699.61	1.0260	31521.01
89	2205638-164 10X	33.1021	893214.10	0.4308	10316.97	256.7112	9499238.24	6.2724	199232.63	3.2281	104921.63
90	2205638-165 10X	34.6066	911688.55	0.4211	9905.26	298.2110	11002179.53	7.1779	232245.66	3.5396	112988.67
91	2205638-166 10X	27.3021	702665.56	0.4120	9677.50	179.4567	6582788.96	8.1150	266780.41	2.7697	88260.45
92	2205638-167 10X	26.6307	681987.57	0.4113	9389.21	192.6100	6803229.95	8.4268	268663.13	2.7855	86304.26
93	2205638-168 10X	23.4984	607658.98	0.3005	7010.74	94.7539	3405398.57	3.3641	96495.09	2.2515	71142.30

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	2205638-169 10X	25.9595	675840.61	0.3203	7450.96	104.5567	3777112.39	3.7188	108190.46	2.3395	73750.60
95	2205638-170 10X	24.7197	650792.23	0.2986	6939.76	93.6306	3384900.70	3.2415	93227.51	2.2119	69630.80
96	2205638-171 10X	24.3097	638977.57	0.3228	7425.71	99.3423	3605346.58	4.4135	131288.07	2.2783	71018.20
97	CCV	2.9762	78296.75	0.2041	4935.61	4.8713	182011.89	1.0681	29555.74	1.0088	32963.25
98	CCB	-0.0002	23.33	-0.0012	17.62	0.0080	2376.86	0.0009	22.22	0.0005	18.89
99	2205638-172 10X	25.0151	666218.14	0.3349	7878.80	110.0511	4030361.76	4.5448	136881.71	2.2784	72646.87
100	2205638-173 10X	23.7674	627526.13	0.3069	7110.31	99.0472	3556011.59	3.9379	114494.89	2.1871	68636.17
101	2205638-174 10X	26.5417	692532.93	0.3382	7830.68	71.1200	2534757.20	7.1378	222738.82	2.3614	74110.67
102	2205638-175 10X	26.4942	682869.76	0.3860	8869.37	62.1354	2219540.31	8.0989	259026.82	2.4542	76506.83
103	2205638-176 10X	26.5898	691510.54	0.3633	8315.24	76.9166	2761648.34	8.0709	259327.61	2.4650	76507.08
104	2205638-177 10X	24.7222	639402.40	0.3661	8452.45	66.4324	2382796.63	7.4085	234122.10	2.3540	73702.73
105	2205638-178 10X	27.1954	687335.30	0.3357	7639.15	61.7558	2195158.84	7.7258	243740.98	2.1438	66117.08
106	2205638-179 10X	26.2555	722694.96	0.3362	7740.64	54.0136	1957328.49	7.9886	258517.43	2.1498	67099.70
107	ZZZ										
108	ZZZ										
109	CCV	2.9956	83226.19	0.2080	4855.59	4.8674	177195.25	1.0173	27412.86	1.0110	31878.58
110	CCB	-0.0006	13.33	-0.0016	10.00	-0.0015	2030.15	0.0007	15.55	0.0001	7.78

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
1	RINSE	4744128.47		2739321.00	100.0	212196.98	100.0	1218822.92	100.0	88216.72	100.0
2	RINSE	4813990.03		2748443.81	100.0	213426.60	100.0	1218269.10	100.0	89556.72	100.0
3	RINSE	4764975.45		2719093.50	100.0	213183.14	100.0	1202542.72	100.0	87737.72	100.0
4	BLANK	4524559.41		2575321.06	100.0	206410.55	100.0	1104963.42	100.0	82138.57	100.0
5	H/1000	4662228.57		2660881.83	103.3	209041.90	101.3	1117500.19	101.1	84031.46	102.3
6	H/100	4818332.43		2784714.44	108.1	217690.06	105.5	1152205.09	104.3	84603.84	103.0
7	H/10	5688877.62		3194977.66	124.1	232078.49	112.4	1384315.81	125.3	91672.65	111.6
8	HIGH	5206626.80		2815634.75	109.3	230643.44	111.7	1202503.26	108.8	91779.55	111.7
9	RINSE	5019713.57		2962585.37	115.0	204140.80	98.9	1249121.62	113.0	83722.30	101.9
10	ICV	4992738.88		2825159.64	109.7	224989.91	109.0	1162294.62	105.2	87640.30	106.7
11	ICB	4340223.69		2544750.33	98.8	198323.25	96.1	1052105.71	95.2	79640.07	97.0
12	LIV	4468994.62		2608691.73	101.3	206939.51	100.3	1073213.21	97.1	80305.83	97.8
13	ICSA	5040393.88		2853547.77	110.8	228215.80	110.6	1209651.02	109.5	88374.13	107.6
14	ICSAB	5069802.11		2858482.14	111.0	226208.53	109.6	1214889.83	109.9	89892.22	109.4
15	CCV	4997205.03		2858688.19	111.0	228549.85	110.7	1183494.31	107.1	89248.82	108.7
16	CCB	4914227.53		2848507.46	110.6	204877.94	99.3	1181894.23	107.0	80004.81	97.4
17	2205638-64 100X	4974670.97		2897174.96	112.5	234082.17	113.4	1178851.70	106.7	88803.02	108.1
18	2205638-68 100X	5012627.11		2881461.73	111.9	236314.23	114.5	1192165.16	107.9	92868.41	113.1
19	2205638-69 100X	5112743.99		2950983.50	114.6	240911.02	116.7	1215798.08	110.0	92447.05	112.6
20	2205638-70 100X	5134572.21		2963015.90	115.1	241982.84	117.2	1220891.23	110.5	91732.95	111.7
21	2205638-74 100X	5199097.11		2947221.10	114.4	240346.51	116.4	1228348.63	111.2	93462.92	113.8
22	2205638-113 1...	5492584.09		3170734.75	123.1	247029.90	119.7	1347088.76	121.9	95574.87	116.4
23	2205638-115 1...	5276203.78		3009683.08	116.9	246461.26	119.4	1240468.86	112.3	94542.49	115.1
24	2205638-130 10X	6172363.24		3558583.49	138.2	280721.25	136.0	1514981.75	137.1	105250.26	128.1
25	2205638-131 10X	5744288.04		3269692.45	127.0	270323.00	131.0	1435352.74	129.9	101745.39	123.9
26	2205638-131 1...	5136808.36		2954401.20	114.7	238866.69	115.7	1235034.90	111.8	92546.72	112.7
27	CCV	5173967.94		2940079.64	114.2	238557.62	115.6	1223008.39	110.7	93897.80	114.3
28	CCB	4422022.02		2568701.47	99.7	196478.73	95.2	1064284.46	96.3	77508.87	94.4
29	2205638-132 10X	5445423.46		3054564.96	118.6	251699.50	121.9	1314460.48	119.0	95815.46	116.7
30	2205638-132 1...	4953994.20		2887554.65	112.1	231522.97	112.2	1188986.78	107.6	88829.93	108.1
31	2205638-133 10X	5428185.96		3100015.89	120.4	259817.20	125.9	1316260.61	119.1	98515.47	119.9

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
32	2205638-133 1...	4980231.69		2862301.83	111.1	230598.07	111.7	1194027.82	108.1	89010.71	108.4
33	2205638-134 10X	5330527.63		3057475.27	118.7	253042.95	122.6	1329410.01	120.3	95848.77	116.7
34	2205638-134 1...	4912568.68		2849259.23	110.6	231862.52	112.3	1173074.43	106.2	89497.70	109.0
35	2205638-135 10X	5229635.03		3009501.41	116.9	247095.00	119.7	1280899.07	115.9	94393.75	114.9
36	2205638-135 1...	4528872.23		2650064.80	102.9	216776.70	105.0	1095814.80	99.2	84802.07	103.2
37	2205638-136 10X	5099124.40		3020275.48	117.3	260318.25	126.1	1226309.28	111.0	96519.95	117.5
38	2205638-137 10X	5204675.55		3087251.20	119.9	261064.59	126.5	1268152.25	114.8	97149.99	118.3
39	CCV	5194167.11		2982597.56	115.8	240121.22	116.3	1229830.61	111.3	94085.77	114.5
40	CCB	4500759.83		2644986.16	102.7	214535.81	103.9	1078569.54	97.6	83894.52	102.1
41	2205638-138 10X	5523044.92		3218703.60	125.0	272566.30	132.1	1355796.49	122.7	102700.47	125.0
42	2205638-139 10X	5521920.12		3250016.62	126.2	279124.27	135.2	1352296.83	122.4	102868.13	125.2
43	2205638-140 10X	5445764.29		3217182.04	124.9	275142.54	133.3	1327638.18	120.2	101858.70	124.0
44	2205638-141 10X	5343073.36		3137732.56	121.8	269711.00	130.7	1265542.32	114.5	99840.00	121.6
45	2205638-142 10X	5345872.31		3106808.08	120.6	261257.07	126.6	1294142.79	117.1	98951.51	120.5
46	CCV	5175084.71		2985057.45	115.9	240606.64	116.6	1223660.16	110.7	93274.86	113.6
47	CCB	4563125.56		2644728.34	102.7	211363.94	102.4	1084769.91	98.2	82962.42	101.0
48	IP220613-5MB ...	4706661.70		2740862.61	106.4	232202.88	112.5	1142372.77	103.4	91857.55	111.8
49	IM220613-5LCS...	5111142.73		2896739.65	112.5	237315.02	115.0	1208376.65	109.4	92972.60	113.2
50	IM220613-5LCS...	5249851.27		3027340.48	117.6	240900.64	116.7	1248574.72	113.0	95044.57	115.7
51	2205638-143 10X	5504810.33		3182844.12	123.6	257226.04	124.6	1391501.13	125.9	97036.38	118.1
52	2205638-143 1...	4886344.62		2833477.87	110.0	232850.79	112.8	1178618.50	106.7	90857.56	110.6
53	2205638-144 10X	5272653.46		3088686.93	119.9	259915.41	125.9	1287190.89	116.5	99035.39	120.6
54	2205638-144 1...	4887775.86		2824513.40	109.7	231640.12	112.2	1170945.61	106.0	89399.78	108.8
55	2205638-145 10X	5208514.50		3057504.33	118.7	252627.74	122.4	1271635.17	115.1	94079.30	114.5
56	2205638-145 1...	4455635.77		2629201.11	102.1	220442.47	106.8	1078477.64	97.6	84243.30	102.6
57	CCV	4869184.20		2786174.44	108.2	231841.96	112.3	1138913.79	103.1	88963.35	108.3
58	CCB	4367906.19		2588072.09	100.5	209648.77	101.6	1053951.47	95.4	81668.88	99.4
59	2205638-146 10X	5130262.74		3000890.37	116.5	251976.41	122.1	1235668.97	111.8	96147.48	117.1
60	2205638-146 1...	4836796.80		2830510.69	109.9	227881.82	110.4	1163913.08	105.3	89278.55	108.7
61	2205638-147 10X	5218256.48		3044005.48	118.2	255834.80	123.9	1266546.75	114.6	97076.91	118.2
62	2205638-147 1...	4644910.24		2730849.13	106.0	223536.57	108.3	1121885.14	101.5	86709.35	105.6

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
63	2205638-148 10X	5131239.61		2972780.48	115.4	245684.39	119.0	1218702.32	110.3	94575.92	115.1
64	2205638-149 10X	5191789.40		3026818.18	117.5	255949.60	124.0	1247487.85	112.9	95105.11	115.8
65	2205638-150 10X	5300693.15		3081009.12	119.6	257567.75	124.8	1293388.83	117.1	96103.98	117.0
66	2205638-150 1...	4751057.64		2790740.79	108.4	229096.82	111.0	1144087.17	103.5	87227.87	106.2
67	2205638-151 10X	5152438.67		2965322.98	115.1	253869.45	123.0	1237730.14	112.0	95965.98	116.8
68	2205638-151 1...	5133199.50		2987067.98	116.0	227987.70	110.5	1223493.42	110.7	87063.40	106.0
69	CCV	5008451.07		2845563.92	110.5	234184.31	113.5	1174740.29	106.3	90737.34	110.5
70	CCB	4542556.50		2622519.55	101.8	212737.91	103.1	1079644.52	97.7	83072.59	101.1
71	2205638-152 10X	5419740.54		3125345.79	121.4	259753.69	125.8	1309812.48	118.5	97370.75	118.5
72	2205638-152 1...	4846867.12		2795565.17	108.6	229317.87	111.1	1150427.59	104.1	88156.81	107.3
73	2205638-153 10X	5250161.69		3026823.29	117.5	252266.01	122.2	1240644.51	112.3	94159.20	114.6
74	2205638-154 10X	5074561.70		2976059.23	115.6	250389.02	121.3	1223222.01	110.7	95875.49	116.7
75	2205638-155 10X	5166591.80		2939658.81	114.1	251508.07	121.8	1218108.53	110.2	95329.16	116.1
76	2205638-156 10X	5155456.80		3002374.54	116.6	256810.55	124.4	1240602.74	112.3	97284.79	118.4
77	2205638-157 10X	5605912.00		3241151.62	125.9	254109.47	123.1	1354197.37	122.6	95440.35	116.2
78	2205638-158 10X	5084491.28		3003317.56	116.6	253001.83	122.6	1217666.00	110.2	95856.95	116.7
79	2205638-159 10X	5089962.84		2982884.54	115.8	252701.29	122.4	1216377.46	110.1	94159.12	114.6
80	2205638-160 10X	5370094.30		3070101.73	119.2	262358.18	127.1	1256293.18	113.7	99329.47	120.9
81	CCV	5193586.69		2939342.87	114.1	237227.87	114.9	1218030.61	110.2	92692.43	112.8
82	CCB	4596117.54		2694582.77	104.6	216886.45	105.1	1102526.41	99.8	85314.81	103.9
83	2205638-161 10X	5677848.87		3245588.49	126.0	271447.18	131.5	1371078.76	124.1	103901.92	126.5
84	2205638-162 10X	5526535.13		3211011.62	124.7	266689.81	129.2	1321554.46	119.6	100648.17	122.5
85	CCV	5178305.97		2948466.10	114.5	234857.17	113.8	1205950.14	109.1	92872.26	113.1
86	CCB	4699141.49		2750684.02	106.8	203600.25	98.6	1114370.04	100.9	80852.52	98.4
87	IP220613-6MB ...	4288315.98		2525365.53	98.1	201010.60	97.4	1036411.34	93.8	79888.23	97.3
88	IM220613-6LCS...	4764821.49		2760600.79	107.2	217267.42	105.3	1125157.22	101.8	85629.53	104.3
89	2205638-164 10X	5334469.09		3070124.85	119.2	250794.80	121.5	1246933.78	112.8	95175.57	115.9
90	2205638-165 10X	5147708.88		2909768.08	113.0	244193.67	118.3	1207176.88	109.3	92134.92	112.2
91	2205638-166 10X	5059586.90		2884893.50	112.0	240435.97	116.5	1185171.60	107.3	90375.81	110.0
92	2205638-167 10X	5002782.64		2843969.64	110.4	234780.35	113.7	1170095.45	105.9	90512.24	110.2
93	2205638-168 10X	4838313.78		2856476.73	110.9	236348.38	114.5	1153720.34	104.4	89905.99	109.5

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
94	2205638-169 10X	4937706.70		2863345.06	111.2	240255.58	116.4	1166492.77	105.6	90304.89	109.9
95	2205638-170 10X	4876163.36		2858774.02	111.0	237732.58	115.2	1160628.55	105.0	90482.43	110.2
96	2205638-171 10X	4911767.95		2835550.79	110.1	233895.72	113.3	1149424.20	104.0	90811.10	110.6
97	CCV	4744703.99		2752866.52	106.9	225222.28	109.1	1110938.55	100.5	87319.74	106.3
98	CCB	4184835.46		2475946.68	96.1	195514.91	94.7	1003225.58	90.8	76933.01	93.7
99	2205638-172 10X	5103675.24		2954851.10	114.7	240609.44	116.6	1194799.25	108.1	91803.04	111.8
100	2205638-173 10X	4917426.18		2867365.48	111.3	237941.78	115.3	1160273.68	105.0	89788.38	109.3
101	2205638-174 10X	4947346.18		2864517.67	111.2	237392.91	115.0	1166000.03	105.5	90160.75	109.8
102	2205638-175 10X	4974477.95		2848808.50	110.6	238505.98	115.5	1157930.19	104.8	88681.84	108.0
103	2205638-176 10X	4972015.66		2873176.31	111.6	237169.57	114.9	1163647.43	105.3	89703.99	109.2
104	2205638-177 10X	4942565.13		2832697.87	110.0	237596.73	115.1	1157572.87	104.8	90559.55	110.3
105	2205638-178 10X	4845894.93		2810230.90	109.1	234951.70	113.8	1137567.59	103.0	88843.83	108.2
106	2205638-179 10X	5186313.46		3009688.18	116.9	236395.54	114.5	1213926.28	109.9	90418.58	110.1
107	ZZZ										
108	ZZZ										
109	CCV	4873828.89		2885754.96	112.1	218333.55	105.8	1162201.42	105.2	84366.16	102.7
110	CCB	4016809.01		2401193.30	93.2	190751.49	92.4	969565.56	87.7	73899.33	90.0

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
1	RINSE	7741360.51	100.0	2286105.49	100.0	7902569.98	100.0	1234579.80	100.0	1854358.41	100.0
2	RINSE	7783752.80	100.0	2327252.21	100.0	7989781.21	100.0	1235678.05	100.0	1863001.59	100.0
3	RINSE	7778823.01	100.0	2299595.49	100.0	7871670.13	100.0	1228509.47	100.0	1833199.35	100.0
4	BLANK	7429186.76	100.0	2246631.95	100.0	7535299.50	100.0	1201015.45	100.0	1795368.31	100.0
5	H/1000	7606347.39	102.4	2279144.03	101.4	7769557.98	103.1	1222842.32	101.8	1838941.33	102.4
6	H/100	7895899.68	106.3	2344253.30	104.3	8097874.63	107.5	1280344.11	106.6	1926965.13	107.3
7	H/10	9123408.20	122.8	2514458.09	111.9	9454113.93	125.5	1374146.71	114.4	2255489.08	125.6
8	HIGH	7852690.93	105.7	2315960.38	103.1	8226697.52	109.2	1306499.64	108.8	1955608.51	108.9
9	RINSE	8490636.54	114.3	2255645.70	100.4	8697597.71	115.4	1200130.36	99.9	2094663.51	116.7
10	ICV	7955291.34	107.1	2379195.49	105.9	8287248.58	110.0	1320162.76	109.9	2015495.39	112.3
11	ICB	7273536.14	97.9	2175650.90	96.8	7466842.77	99.1	1171071.78	97.5	1814677.63	101.1
12	LIV	7458938.43	100.4	2278281.94	101.4	7680711.47	101.9	1213699.20	101.1	1865796.95	103.9
13	ICSA	7934769.67	106.8	2376864.91	105.8	8436272.18	112.0	1334703.36	111.1	1989412.21	110.8
14	ICSAB	7992471.13	107.6	2408496.27	107.2	8416255.06	111.7	1327860.41	110.6	1985224.34	110.6
15	CCV	8293118.42	111.6	2456624.23	109.3	8604709.80	114.2	1354201.24	112.8	2083080.39	116.0
16	CCB	8398632.58	113.0	2231817.15	99.3	8566766.08	113.7	1199265.90	99.9	2074732.26	115.6
17	2205638-64 100X	8286515.71	111.5	2494190.79	111.0	8527910.10	113.2	1364186.13	113.6	2038190.12	113.5
18	2205638-68 100X	8296478.42	111.7	2515902.20	112.0	8556009.71	113.5	1381751.61	115.0	2022269.14	112.6
19	2205638-69 100X	8410314.25	113.2	2558648.14	113.9	8704688.12	115.5	1397980.48	116.4	2049841.53	114.2
20	2205638-70 100X	8436827.17	113.6	2558946.63	113.9	8659682.95	114.9	1399384.22	116.5	2046159.65	114.0
21	2205638-74 100X	8465160.71	113.9	2548923.03	113.5	8728682.84	115.8	1391958.74	115.9	2063187.78	114.9
22	2205638-113 1...	9031966.12	121.6	2613543.50	116.3	9247922.45	122.7	1454248.79	121.1	2186189.29	121.8
23	2205638-115 1...	8608580.08	115.9	2609121.73	116.1	8856837.21	117.5	1436496.43	119.6	2080857.05	115.9
24	2205638-130 10X	9472736.73	127.5	2639821.52	117.5	9777216.94	129.8	1503039.72	125.1	2281340.23	127.1
25	2205638-131 10X	8773372.37	118.1	2637286.99	117.4	9272904.72	123.1	1491265.20	124.2	2124457.94	118.3
26	2205638-131 1...	8473371.12	114.1	2537852.67	113.0	8668999.51	115.0	1395281.44	116.2	2051076.69	114.2
27	CCV	8459603.62	113.9	2521235.43	112.2	8759344.61	116.2	1405393.43	117.0	2062181.48	114.9
28	CCB	7349884.06	98.9	2156912.78	96.0	7571142.63	100.5	1152835.76	96.0	1813452.63	101.0
29	2205638-132 10X	8309471.75	111.8	2462739.55	109.6	8828377.09	117.2	1397809.24	116.4	2026686.95	112.9
30	2205638-132 1...	8230747.38	110.8	2464277.83	109.7	8437129.75	112.0	1340633.20	111.6	1998859.97	111.3
31	2205638-133 10X	8482793.00	114.2	2526439.39	112.5	8874101.15	117.8	1435145.21	119.5	2042723.25	113.8

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
32	2205638-133 1...	8175847.17	110.1	2455608.45	109.3	8466633.39	112.4	1345773.36	112.1	2002137.16	111.5
33	2205638-134 10X	8383479.04	112.8	2513093.76	111.9	8913895.20	118.3	1423386.98	118.5	2069503.61	115.3
34	2205638-134 1...	8137772.17	109.5	2442810.75	108.7	8338397.59	110.7	1348705.68	112.3	1971093.10	109.8
35	2205638-135 10X	8341894.04	112.3	2514971.27	111.9	8778877.57	116.5	1402974.94	116.8	2067703.61	115.2
36	2205638-135 1...	7609913.22	102.4	2371482.10	105.6	7930730.04	105.2	1295079.17	107.8	1899811.90	105.8
37	2205638-136 10X	8020084.67	108.0	2491965.22	110.9	8431204.18	111.9	1401776.03	116.7	2045282.73	113.9
38	2205638-137 10X	8245203.84	111.0	2481094.24	110.4	8699324.07	115.4	1399103.82	116.5	2042558.57	113.8
39	CCV	8525017.16	114.8	2543225.64	113.2	8906237.48	118.2	1400305.36	116.6	2130217.21	118.7
40	CCB	7566804.68	101.9	2352171.11	104.7	7791724.47	103.4	1265274.50	105.4	1872462.68	104.3
41	2205638-138 10X	8618893.00	116.0	2589312.36	115.3	9102886.96	120.8	1463153.75	121.8	2123668.51	118.3
42	2205638-139 10X	8595976.75	115.7	2587435.27	115.2	9003121.69	119.5	1445760.59	120.4	2111202.78	117.6
43	2205638-140 10X	8528262.16	114.8	2537010.85	112.9	8966517.10	119.0	1436245.98	119.6	2091294.71	116.5
44	2205638-141 10X	8166978.21	109.9	2499837.98	111.3	8680701.82	115.2	1399434.55	116.5	2030226.53	113.1
45	2205638-142 10X	8420493.42	113.3	2548394.39	113.4	8882207.76	117.9	1443516.22	120.2	2051334.91	114.3
46	CCV	8501467.37	114.4	2560519.96	114.0	8775358.14	116.5	1412691.46	117.6	2104214.97	117.2
47	CCB	7583718.01	102.1	2291986.42	102.0	7789923.02	103.4	1230398.50	102.4	1847843.62	102.9
48	IP220613-5MB ...	7873451.96	106.0	2532160.69	112.7	8074706.76	107.2	1386145.29	115.4	1912003.93	106.5
49	IM220613-5LCS...	8377089.46	112.8	2540467.15	113.1	8647796.14	114.8	1385578.99	115.4	2042372.31	113.8
50	IM220613-5LCS...	8642651.54	116.3	2586738.35	115.1	8879839.78	117.8	1398102.79	116.4	2098667.31	116.9
51	2205638-143 10X	8578229.25	115.5	2539929.18	113.1	9131649.40	121.2	1438491.13	119.8	2118146.59	118.0
52	2205638-143 1...	8147443.63	109.7	2480222.88	110.4	8468885.04	112.4	1359018.03	113.2	2003459.45	111.6
53	2205638-144 10X	8391880.08	113.0	2542917.10	113.2	8867502.22	117.7	1445117.12	120.3	2066424.08	115.1
54	2205638-144 1...	8186673.63	110.2	2479426.21	110.4	8465669.42	112.3	1356364.33	112.9	2008562.26	111.9
55	2205638-145 10X	8252280.71	111.1	2437866.01	108.5	8751935.96	116.1	1391790.13	115.9	2050026.17	114.2
56	2205638-145 1...	7546576.76	101.6	2387008.30	106.2	7894430.40	104.8	1304219.67	108.6	1917068.88	106.8
57	CCV	8015083.42	107.9	2506386.26	111.6	8372372.73	111.1	1365852.13	113.7	2032772.58	113.2
58	CCB	7450298.43	100.3	2324573.30	103.5	7689167.01	102.0	1247526.66	103.9	1871082.06	104.2
59	2205638-146 10X	8218531.96	110.6	2479486.27	110.4	8704104.38	115.5	1394820.13	116.1	2046915.75	114.0
60	2205638-146 1...	8042017.80	108.2	2440704.75	108.6	8367596.09	111.0	1356337.37	112.9	2013435.49	112.1
61	2205638-147 10X	8223099.46	110.7	2511251.27	111.8	8802605.43	116.8	1417835.54	118.1	2064243.82	115.0
62	2205638-147 1...	7873840.72	106.0	2417161.47	107.6	8100917.53	107.5	1321772.03	110.1	1964764.45	109.4

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
63	2205638-148 10X	8148417.38	109.7	2480003.87	110.4	8582697.62	113.9	1397369.80	116.3	2021652.31	112.6
64	2205638-149 10X	8185806.55	110.2	2488265.12	110.8	8643009.52	114.7	1396798.21	116.3	2048988.15	114.1
65	2205638-150 10X	8213672.38	110.6	2478998.35	110.3	8769488.06	116.4	1408098.49	117.2	2029817.00	113.1
66	2205638-150 1...	7964617.80	107.2	2439698.19	108.6	8218860.49	109.1	1325816.60	110.4	1964613.72	109.4
67	2205638-151 10X	8070173.21	108.6	2496785.12	111.1	8481806.88	112.6	1394390.25	116.1	2018811.74	112.4
68	2205638-151 1...	8590259.87	115.6	2406962.15	107.1	8919993.40	118.4	1322620.88	110.1	2114126.27	117.8
69	CCV	8271436.13	111.3	2505270.90	111.5	8568894.87	113.7	1372446.57	114.3	2026568.04	112.9
70	CCB	7657523.64	103.1	2337859.34	104.1	7828781.65	103.9	1251410.30	104.2	1874027.05	104.4
71	2205638-152 10X	8426648.62	113.4	2554380.33	113.7	8871866.37	117.7	1413484.48	117.7	2071567.73	115.4
72	2205638-152 1...	7998790.71	107.7	2441899.49	108.7	8326853.21	110.5	1341681.88	111.7	1981270.28	110.4
73	2205638-153 10X	8227526.54	110.7	2457007.83	109.4	8699634.26	115.5	1377707.62	114.7	2045969.92	114.0
74	2205638-154 10X	8043611.34	108.3	2434390.22	108.4	8475797.67	112.5	1366451.97	113.8	2004220.59	111.6
75	2205638-155 10X	8023260.51	108.0	2497437.51	111.2	8514376.75	113.0	1379165.72	114.8	1989921.43	110.8
76	2205638-156 10X	8089768.21	108.9	2472225.90	110.0	8530442.96	113.2	1403847.13	116.9	2011467.47	112.0
77	2205638-157 10X	8693009.66	117.0	2453591.42	109.2	9224827.03	122.4	1370456.09	114.1	2173346.68	121.1
78	2205638-158 10X	8056015.51	108.4	2458153.19	109.4	8424655.32	111.8	1370176.63	114.1	2007006.32	111.8
79	2205638-159 10X	8005283.21	107.8	2427060.43	108.0	8430131.87	111.9	1371582.63	114.2	1979543.67	110.3
80	2205638-160 10X	8215170.51	110.6	2506022.41	111.5	8663079.35	115.0	1397862.95	116.4	2032883.93	113.2
81	CCV	8583970.92	115.5	2533455.27	112.8	8799018.09	116.8	1390137.33	115.7	2063723.83	114.9
82	CCB	7750204.88	104.3	2346577.78	104.4	7969713.01	105.8	1263820.70	105.2	1899441.28	105.8
83	2205638-161 10X	8655328.83	116.5	2571057.10	114.4	9092013.50	120.7	1491531.05	124.2	2118219.45	118.0
84	2205638-162 10X	8466998.42	114.0	2564678.24	114.2	8902585.25	118.1	1421370.33	118.3	2064153.41	115.0
85	CCV	8431503.62	113.5	2489166.37	110.8	8731501.27	115.9	1380532.88	114.9	2057702.42	114.6
86	CCB	7820632.80	105.3	2212620.64	98.5	8038927.27	106.7	1194112.11	99.4	1925169.29	107.2
87	IP220613-6MB ...	7189129.89	96.8	2164835.65	96.4	7389880.11	98.1	1164735.47	97.0	1754251.64	97.7
88	IM220613-6LCS...	7776661.55	104.7	2333397.20	103.9	8037244.98	106.7	1256046.67	104.6	1904878.62	106.1
89	2205638-164 10X	8158895.50	109.8	2391908.61	106.5	8519986.28	113.1	1341635.74	111.7	1982417.37	110.4
90	2205638-165 10X	7896279.05	106.3	2385434.55	106.2	8292838.62	110.1	1318345.38	109.8	1935476.74	107.8
91	2205638-166 10X	7747516.14	104.3	2320779.03	103.3	8112974.09	107.7	1306123.17	108.8	1890985.65	105.3
92	2205638-167 10X	7605919.47	102.4	2274257.83	101.2	8036515.29	106.7	1286839.65	107.1	1881934.09	104.8
93	2205638-168 10X	7648907.39	103.0	2325584.49	103.5	8021131.09	106.4	1280503.51	106.6	1899990.91	105.8

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
94	2205638-169 10X	7719439.88	103.9	2355412.36	104.8	8065949.80	107.0	1288255.33	107.3	1913038.35	106.6
95	2205638-170 10X	7693760.09	103.6	2317601.84	103.2	8086679.16	107.3	1285537.78	107.0	1934408.56	107.7
96	2205638-171 10X	7657263.64	103.1	2298927.88	102.3	8073622.15	107.1	1272089.95	105.9	1931105.49	107.6
97	CCV	7751205.93	104.3	2434678.92	108.4	8153748.57	108.2	1328075.54	110.6	1932368.15	107.6
98	CCB	7007861.14	94.3	2122441.89	94.5	7294727.23	96.8	1139732.98	94.9	1745361.85	97.2
99	2205638-172 10X	7899474.88	106.3	2389438.56	106.4	8249436.71	109.5	1302653.36	108.5	1957229.66	109.0
100	2205638-173 10X	7748974.47	104.3	2325380.28	103.5	8096392.19	107.4	1296438.96	107.9	1939812.00	108.0
101	2205638-174 10X	7694990.51	103.6	2340702.68	104.2	8089552.11	107.4	1287257.41	107.2	1916603.46	106.8
102	2205638-175 10X	7677580.93	103.3	2339731.32	104.1	8086991.85	107.3	1284201.30	106.9	1893639.92	105.5
103	2205638-176 10X	7670888.22	103.3	2314489.70	103.0	8080377.12	107.2	1279221.01	106.5	1910608.05	106.4
104	2205638-177 10X	7637603.64	102.8	2316227.73	103.1	8002135.91	106.2	1283852.82	106.9	1900978.72	105.9
105	2205638-178 10X	7481446.97	100.7	2294636.89	102.1	7862510.10	104.3	1271091.63	105.8	1857698.31	103.5
106	2205638-179 10X	8058839.26	108.5	2275538.51	101.3	8419257.09	111.7	1283011.73	106.8	2022399.29	112.6
107	ZZZ										
108	ZZZ										
109	CCV	8161191.34	109.9	2306656.69	102.7	8558964.72	113.6	1281768.63	106.7	2039110.85	113.6
110	CCB	6883210.31	92.7	2065422.05	91.9	7131042.08	94.6	1113256.18	92.7	1696930.55	94.5

ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
1	RINSE	351847.99	100.0	6448819.28	100.0	1893997.42	100.0
2	RINSE	351446.39	100.0	6476799.70	100.0	1943100.81	100.0
3	RINSE	348970.95	100.0	6396505.32	100.0	1928475.34	100.0
4	BLANK	345874.99	100.0	6185916.58	100.0	1926237.63	100.0
5	H/1000	348033.29	100.6	6286399.07	101.6	1923858.77	99.9
6	H/100	365665.07	105.7	6610055.73	106.9	2030425.07	105.4
7	H/10	396934.99	114.8	7596214.47	122.8	2166364.03	112.5
8	HIGH	374803.37	108.4	6442133.03	104.1	1940730.44	100.8
9	RINSE	337816.52	97.7	7245458.02	117.1	1934112.63	100.4
10	ICV	376303.01	108.8	6781732.82	109.6	2062618.77	107.1
11	ICB	337285.48	97.5	6218539.49	100.5	1895841.38	98.4
12	LIV	353368.48	102.2	6385270.74	103.2	1961395.23	101.8
13	ICSA	372737.58	107.8	6757443.86	109.2	2054473.15	106.7
14	ICSAB	372519.34	107.7	6686596.57	108.1	2014460.60	104.6
15	CCV	392814.25	113.6	7044299.89	113.9	2130607.78	110.6
16	CCB	347710.02	100.5	7154638.23	115.7	1957561.01	101.6
17	2205638-64 100X	390651.45	112.9	7157555.52	115.7	2202597.93	114.3
18	2205638-68 100X	391919.84	113.3	7101460.10	114.8	2199847.78	114.2
19	2205638-69 100X	395826.86	114.4	7176902.18	116.0	2252672.00	116.9
20	2205638-70 100X	391965.89	113.3	7132956.14	115.3	2210136.58	114.7
21	2205638-74 100X	392182.12	113.4	7156275.31	115.7	2237208.77	116.1
22	2205638-113 1...	406558.98	117.5	7639026.55	123.5	2268117.15	117.7
23	2205638-115 1...	398761.08	115.3	7325032.81	118.4	2221442.73	115.3
24	2205638-130 10X	407177.27	117.7	7942234.05	128.4	2251747.36	116.9
25	2205638-131 10X	409800.22	118.5	7558044.26	122.2	2308946.53	119.9
26	2205638-131 1...	394304.79	114.0	7213990.31	116.6	2230147.16	115.8
27	CCV	397316.80	114.9	7005129.06	113.2	2191803.30	113.8
28	CCB	329037.24	95.1	6198919.70	100.2	1850340.34	96.1
29	2205638-132 10X	386324.31	111.7	7237549.89	117.0	2188374.03	113.6
30	2205638-132 1...	380382.97	110.0	6970469.06	112.7	2155020.49	111.9
31	2205638-133 10X	396336.76	114.6	7502378.43	121.3	2291290.18	119.0

ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
32	2205638-133 1...	383590.27	110.9	7070480.73	114.3	2172216.27	112.8
33	2205638-134 10X	390274.94	112.8	7424253.64	120.0	2248071.53	116.7
34	2205638-134 1...	382328.34	110.5	6950307.81	112.4	2138613.66	111.0
35	2205638-135 10X	395284.32	114.3	7350573.64	118.8	2228785.12	115.7
36	2205638-135 1...	371943.42	107.5	6760272.82	109.3	2131354.76	110.6
37	2205638-136 10X	394405.19	114.0	7177704.27	116.0	2236289.24	116.1
38	2205638-137 10X	389912.47	112.7	7207084.48	116.5	2170743.92	112.7
39	CCV	399741.17	115.6	7307445.52	118.1	2216868.51	115.1
40	CCB	361345.83	104.5	6528991.78	105.5	2037290.96	105.8
41	2205638-138 10X	402368.29	116.3	7566596.56	122.3	2273331.32	118.0
42	2205638-139 10X	405832.26	117.3	7506883.64	121.4	2271245.54	117.9
43	2205638-140 10X	400339.79	115.7	7397186.76	119.6	2239139.71	116.2
44	2205638-141 10X	396607.42	114.7	7220838.02	116.7	2221129.76	115.3
45	2205638-142 10X	399281.57	115.4	7409849.26	119.8	2262504.60	117.5
46	CCV	404962.19	117.1	7193642.60	116.3	2225881.68	115.6
47	CCB	349621.13	101.1	6491685.53	104.9	1946868.15	101.1
48	IP220613-5MB ...	388126.09	112.2	6749781.56	109.1	2196141.32	114.0
49	IM220613-5LCS...	389355.53	112.6	7055012.81	114.0	2165725.65	112.4
50	IM220613-5LCS...	395314.73	114.3	7223023.02	116.8	2201606.48	114.3
51	2205638-143 10X	399147.23	115.4	7572190.72	122.4	2289508.30	118.9
52	2205638-143 1...	387580.93	112.1	7091753.64	114.6	2184440.44	113.4
53	2205638-144 10X	399155.44	115.4	7488238.22	121.1	2295178.04	119.2
54	2205638-144 1...	385971.45	111.6	7086519.06	114.6	2190343.72	113.7
55	2205638-145 10X	388967.27	112.5	7390909.89	119.5	2250992.42	116.9
56	2205638-145 1...	376377.55	108.8	6900108.44	111.5	2156177.73	111.9
57	CCV	393217.83	113.7	6998305.10	113.1	2210878.51	114.8
58	CCB	358818.25	103.7	6602629.07	106.7	2054085.18	106.6
59	2205638-146 10X	387614.93	112.1	7349902.39	118.8	2251690.96	116.9
60	2205638-146 1...	383262.77	110.8	7083978.23	114.5	2184701.69	113.4
61	2205638-147 10X	397344.85	114.9	7440556.97	120.3	2271781.48	117.9
62	2205638-147 1...	378982.08	109.6	6941525.10	112.2	2162896.74	112.3

ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
63	2205638-148 10X	389998.21	112.8	7255287.60	117.3	2203924.55	114.4
64	2205638-149 10X	391520.81	113.2	7262652.81	117.4	2234688.51	116.0
65	2205638-150 10X	390215.62	112.8	7398049.26	119.6	2244713.04	116.5
66	2205638-150 1...	376393.35	108.8	6944513.44	112.3	2144863.41	111.3
67	2205638-151 10X	387121.68	111.9	7232884.06	116.9	2217169.39	115.1
68	2205638-151 1...	379649.13	109.8	7463225.51	120.6	2131953.67	110.7
69	CCV	391519.34	113.2	7114110.94	115.0	2170676.32	112.7
70	CCB	353561.75	102.2	6563834.49	106.1	1985453.09	103.1
71	2205638-152 10X	392134.56	113.4	7432210.93	120.1	2244898.82	116.5
72	2205638-152 1...	377500.88	109.1	6964773.65	112.6	2143639.91	111.3
73	2205638-153 10X	384077.95	111.0	7271129.68	117.5	2214959.44	115.0
74	2205638-154 10X	380986.34	110.2	7176054.06	116.0	2173663.51	112.8
75	2205638-155 10X	384958.13	111.3	7137061.14	115.4	2199638.98	114.2
76	2205638-156 10X	389291.32	112.6	7306520.72	118.1	2248445.33	116.7
77	2205638-157 10X	383553.30	110.9	7827035.51	126.5	2195549.34	114.0
78	2205638-158 10X	384361.92	111.1	7125931.56	115.2	2157894.60	112.0
79	2205638-159 10X	378744.20	109.5	7065230.31	114.2	2150157.26	111.6
80	2205638-160 10X	388965.42	112.5	7185879.06	116.2	2202010.28	114.3
81	CCV	390502.95	112.9	7246122.18	117.1	2166257.00	112.5
82	CCB	355141.85	102.7	6690277.40	108.2	2027780.65	105.3
83	2205638-161 10X	396457.49	114.6	7616264.47	123.1	2243657.26	116.5
84	2205638-162 10X	393426.40	113.7	7428531.14	120.1	2235890.38	116.1
85	CCV	386136.79	111.6	7165279.69	115.8	2140230.07	111.1
86	CCB	334566.83	96.7	6717118.23	108.6	1931788.98	100.3
87	IP220613-6MB ...	325382.45	94.1	6179420.12	99.9	1876392.00	97.4
88	IM220613-6LCS...	351894.28	101.7	6629611.78	107.2	1976869.71	102.6
89	2205638-164 10X	372353.07	107.7	7070901.98	114.3	2094567.52	108.7
90	2205638-165 10X	365674.11	105.7	7013037.81	113.4	2088358.82	108.4
91	2205638-166 10X	365041.08	105.5	6813538.44	110.1	2076000.28	107.8
92	2205638-167 10X	354883.19	102.6	6757167.61	109.2	1998853.77	103.8
93	2205638-168 10X	361925.53	104.6	6732480.73	108.8	2033394.03	105.6

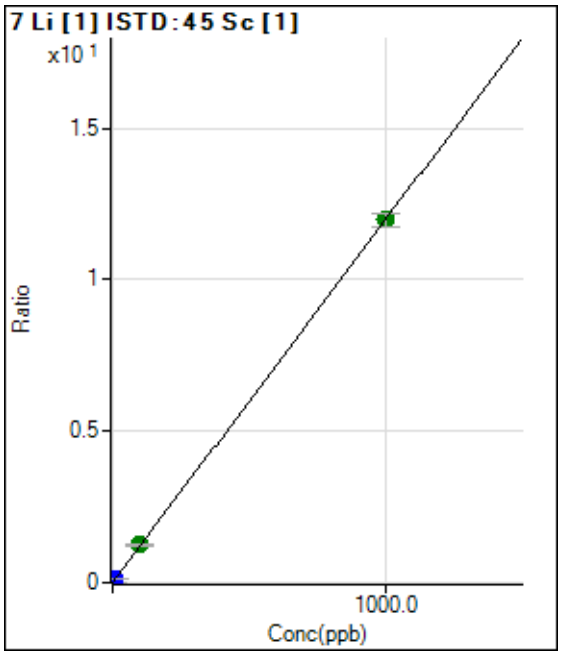
ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
94	2205638-169 10X	361158.66	104.4	6778474.48	109.6	2044200.13	106.1
95	2205638-170 10X	360580.15	104.3	6758380.32	109.3	2045844.82	106.2
96	2205638-171 10X	357061.39	103.2	6775741.15	109.5	2053484.76	106.6
97	CCV	374228.47	108.2	6753382.19	109.2	2088366.38	108.4
98	CCB	319208.89	92.3	6132401.37	99.1	1836798.25	95.4
99	2205638-172 10X	365311.78	105.6	6914939.69	111.8	2072308.04	107.6
100	2205638-173 10X	359545.98	104.0	6794284.48	109.8	2031325.80	105.5
101	2205638-174 10X	359505.40	103.9	6808453.23	110.1	2016003.04	104.7
102	2205638-175 10X	357106.70	103.2	6745070.53	109.0	2020653.15	104.9
103	2205638-176 10X	355511.69	102.8	6747788.65	109.1	2031137.05	105.4
104	2205638-177 10X	358653.62	103.7	6735711.15	108.9	2028740.70	105.3
105	2205638-178 10X	353312.04	102.2	6687948.03	108.1	2010309.71	104.4
106	2205638-179 10X	357595.78	103.4	7075500.52	114.4	2049345.86	106.4
107	ZZZ						
108	ZZZ						
109	CCV	361161.00	104.4	7125916.77	115.2	2034162.79	105.6
110	CCB	313061.56	90.5	6051294.49	97.8	1802336.02	93.6

Calibration for 008CALS_22F15j00.D

Batch Folder:	C:\ICPMH\1\DATA\22F15k00.B\
Analysis File:	22F15k00.batch.xml
DA Date-Time:	6/15/2022 13:37:17
Calibration Title:	
Calibration Method:	External Calibration
VIS Interpolation Fit:	
Tune Step:	#1 nogas.u
	#2 hehe.u

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB_22F15j00.D	BLANK	6/15/2022 09:39:16
2	005CALS_22F15j00.D	H/1000	6/15/2022 09:42:17
3	006CALS_22F15j00.D	H/100	6/15/2022 09:48:14
4	007CALS_22F15j00.D	H/10	6/15/2022 09:54:11
5	008CALS_22F15j00.D	HIGH	6/15/2022 10:00:03
6			



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	1768.11	0.0004	P	10.2
2	☐	1.0000	0.9418	54350.43	0.0117	P	4.2
3	☐	10.0000	9.4550	547127.63	0.1137	P	3.6
4	☐	100.0000	103.3248	7037396.17	1.2381	A	3.5
5	☐	1000.0000	999.6730	62292793.33	11.9757	A	4.0
6	☐	200.0000					

y = 0.0120 * x + 3.9195E-004

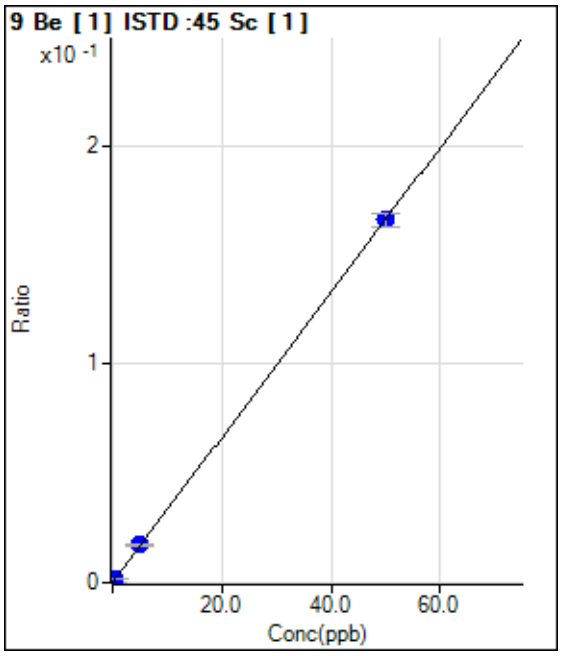
R = 1.0000

DL = 0.01003

BEC = 0.03272

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	24.67	0.0000	P	63.8
2	☐	0.0500	0.0502	798.69	0.0002	P	11.3
3	☐	0.5000	0.5325	8538.18	0.0018	P	2.6
4	☐	5.0000	5.2527	99129.41	0.0174	P	4.2
5	☐	50.0000	49.9744	862954.16	0.1659	P	4.0
6	☐	10.0000					

y = 0.0033 * x + 5.3737E-006

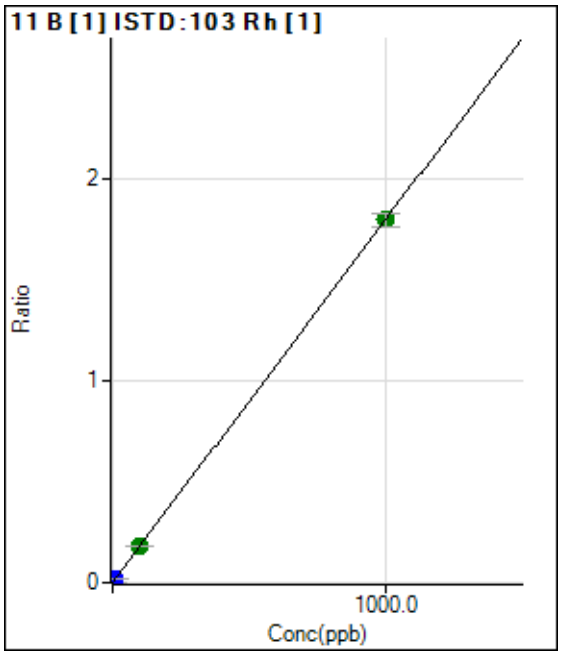
R = 1.0000

DL = 0.003097

BEC = 0.001619

Weight: None

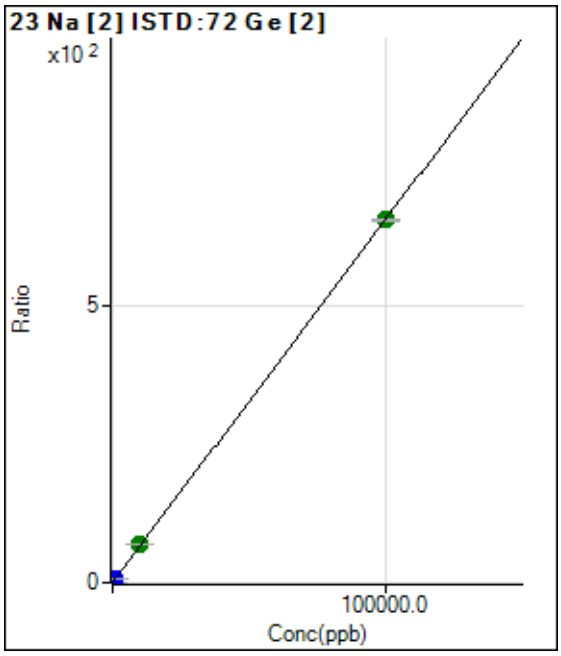
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	4681.81	0.0006	P	0.5
2	☐	1.0000	1.2268	21568.25	0.0028	P	2.0
3	☐	10.0000	10.0822	148035.49	0.0188	P	1.6
4	☐	100.0000	101.6657	1672270.73	0.1834	A	2.4
5	☐	1000.0000	999.8324	14107794.72	1.7980	A	3.5
6	☐	200.0000					

y = 0.0018 * x + 6.3024E-004
R = 1.0000
DL = 0.004759
BEC = 0.3506

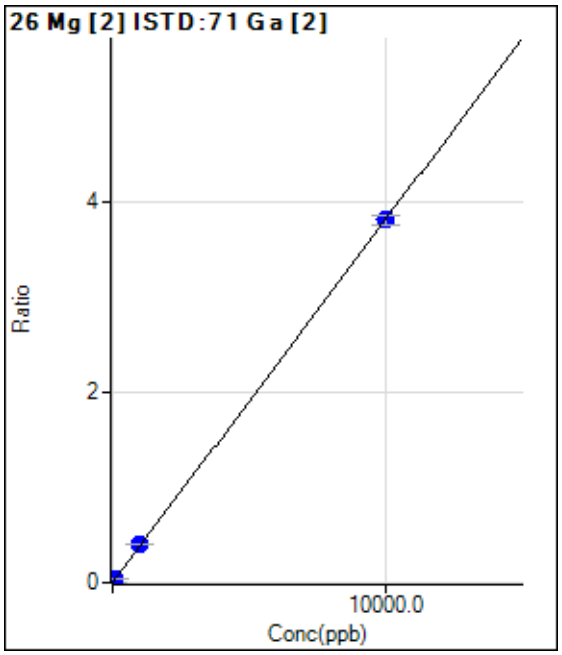
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	5417.80	0.0659	P	3.5
2	☐	100.0000	105.7566	63769.96	0.7591	P	3.1
3	☐	1000.0000	1027.5699	575359.48	6.8007	P	1.7
4	☐	10000.0000	10568.3974	6355947.41	69.3322	A	0.3
5	☐	100000.0000	99942.8788	60123732.44	655.1012	A	0.9
6	☐	20000.0000					

y = 0.0066 * x + 0.0659
R = 1.0000
DL = 1.068
BEC = 10.06

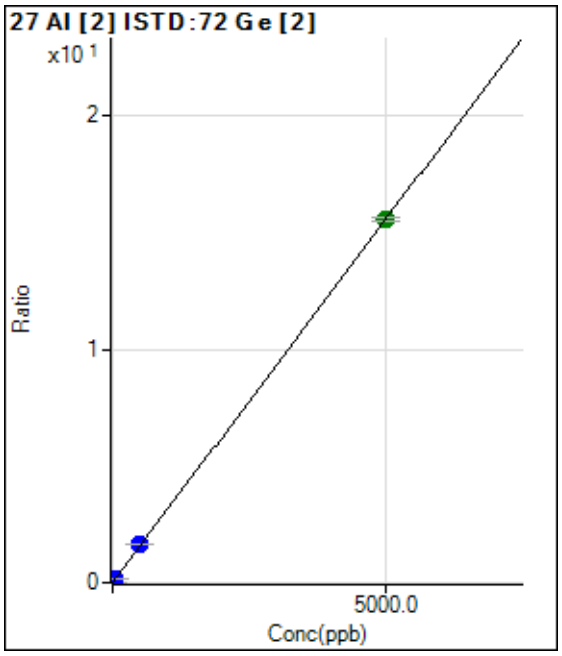
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	60.00	0.0003	P	86.6
2	☐	10.0000	11.0505	943.41	0.0045	P	3.8
3	☐	100.0000	100.4861	8415.76	0.0387	P	0.5
4	☐	1000.0000	1044.7756	92635.79	0.3992	P	1.1
5	☐	10000.0000	9995.5165	879915.66	3.8166	P	2.6
6	☐	2000.0000					

y = 3.8180E-004 * x + 2.9284E-004
R = 1.0000
DL = 1.994
BEC = 0.767

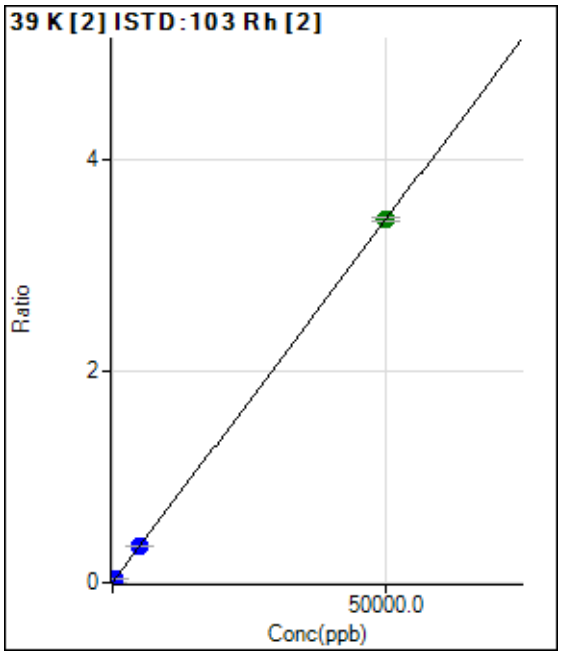
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	106.67	0.0013	P	34.2
2	☐	5.0000	5.4262	1526.80	0.0182	P	14.8
3	☐	50.0000	51.5315	13682.76	0.1617	P	3.1
4	☐	500.0000	524.5764	149808.24	1.6342	P	1.5
5	☐	5000.0000	4997.5266	1427878.47	15.5578	A	1.2
6	☐	1000.0000					

y = 0.0031 * x + 0.0013
R = 1.0000
DL = 0.4286
BEC = 0.4183

Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	4587.50	0.0020	P	10.0
2	☐	50.0000	57.4626	13632.77	0.0060	P	2.9
3	☐	500.0000	496.9702	84628.96	0.0361	P	0.8
4	☐	5000.0000	4992.6406	865360.07	0.3442	P	0.9
5	☐	50000.0000	50000.7588	7939691.96	3.4284	A	1.0
6	☐	10000.0000					

y = 6.8526E-005 * x + 0.0020

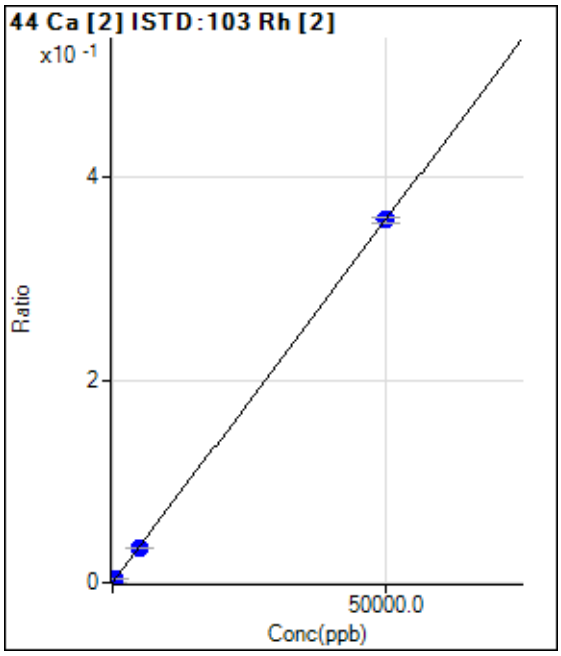
R = 1.0000

DL = 8.935

BEC = 29.83

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	82.35	0.0000	P	15.1
2	☐	50.0000	64.3682	1134.59	0.0005	P	14.5
3	☐	500.0000	488.6700	8286.50	0.0035	P	5.7
4	☐	5000.0000	4776.3181	86041.01	0.0342	P	0.5
5	☐	50000.0000	50022.4671	829127.54	0.3580	P	1.3
6	☐	10000.0000					

y = 7.1567E-006 * x + 3.6720E-005

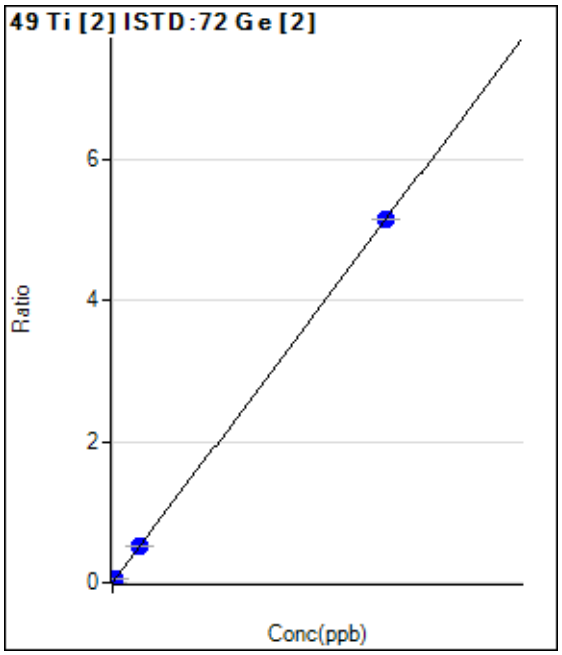
R = 1.0000

DL = 2.331

BEC = 5.131

Weight: None

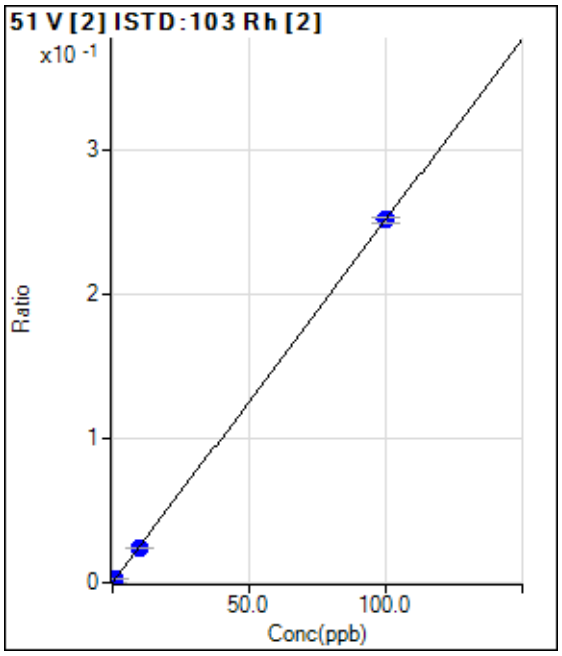
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	3.33	0.0000	P	173.2
2	☐	3.0000	2.1136	306.68	0.0037	P	30.7
3	☐	30.0000	29.4849	4274.05	0.0505	P	1.2
4	☐	300.0000	306.7971	48151.35	0.5253	P	1.2
5	☐	3000.0000	2999.3263	471268.32	5.1348	P	0.1
6	☐	400.0000					

y = 0.0017 * x + 4.1315E-005
R = 1.0000
DL = 0.1254
BEC = 0.02413

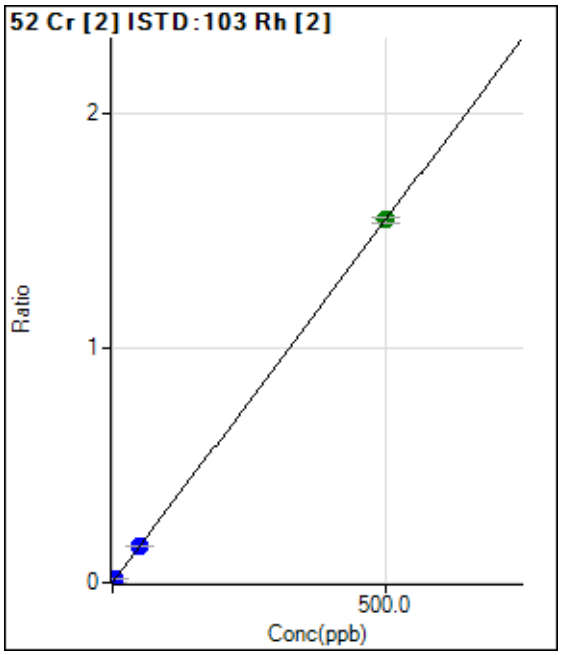
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	89.00	0.0000	P	17.0
2	☐	0.1000	0.1164	757.02	0.0003	P	3.3
3	☐	1.0000	0.9488	5684.66	0.0024	P	3.3
4	☐	10.0000	9.4403	59782.20	0.0238	P	0.6
5	☐	100.0000	100.0565	582665.27	0.2516	P	1.5
6	☐	20.0000					

y = 0.0025 * x + 3.9574E-005
R = 1.0000
DL = 0.008049
BEC = 0.01574

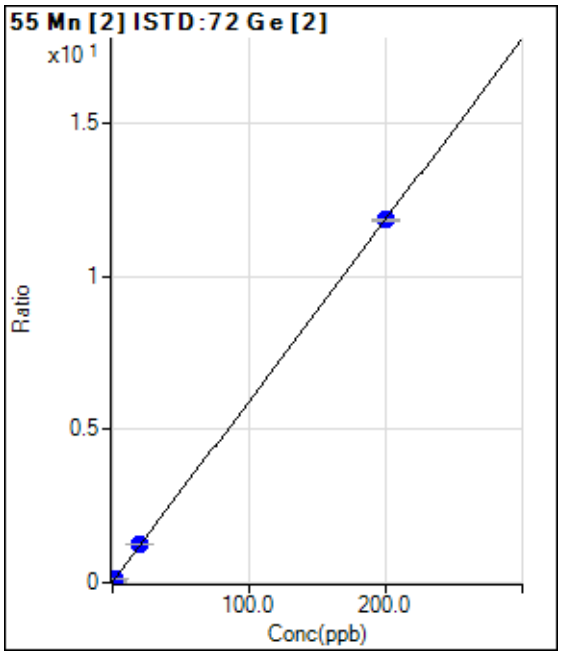
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	227.78	0.0001	P	16.3
2	☐	0.5000	0.4776	3596.01	0.0016	P	6.5
3	☐	5.0000	4.9195	35882.38	0.0153	P	1.7
4	☐	50.0000	49.3760	384005.71	0.1527	P	0.7
5	☐	500.0000	500.0632	3579528.75	1.5457	A	1.5
6	☐	100.0000					

y = 0.0031 * x + 1.0159E-004
R = 1.0000
DL = 0.0161
BEC = 0.03287

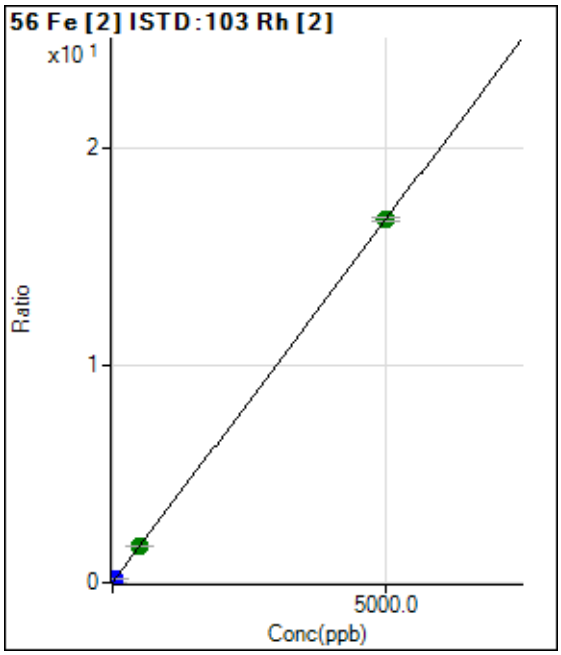
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	1862.35	0.0227	P	5.0
2	☐	0.2000	0.2287	3043.66	0.0362	P	2.1
3	☐	2.0000	2.1516	12701.68	0.1501	P	2.4
4	☐	20.0000	21.0558	116430.15	1.2701	P	0.5
5	☐	200.0000	199.8929	1088934.26	11.8647	P	0.2
6	☐	40.0000					

y = 0.0592 * x + 0.0227
R = 1.0000
DL = 0.05777
BEC = 0.3828

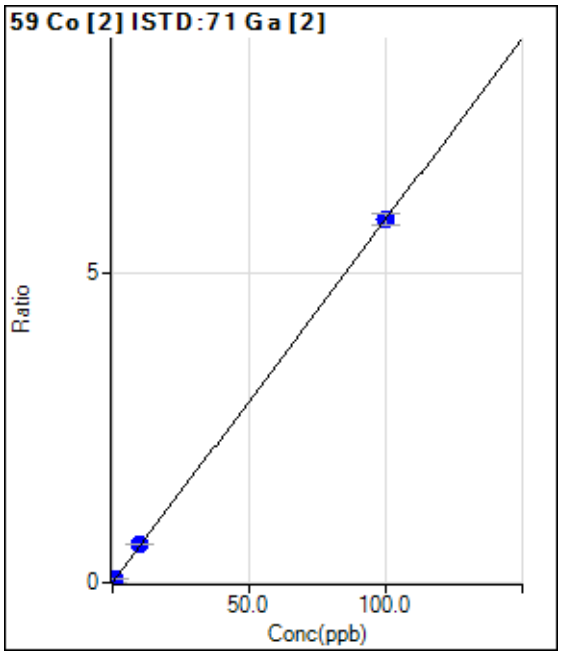
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	19121.92	0.0085	P	1.8
2	☐	5.0000	5.6001	61941.43	0.0272	P	1.4
3	☐	50.0000	51.6687	423645.92	0.1807	P	1.7
4	☐	500.0000	504.6293	4250771.50	1.6905	A	1.9
5	☐	5000.0000	4999.5198	38609086.92	16.6720	A	1.1
6	☐	1000.0000					

y = 0.0033 * x + 0.0085
R = 1.0000
DL = 0.1386
BEC = 2.554

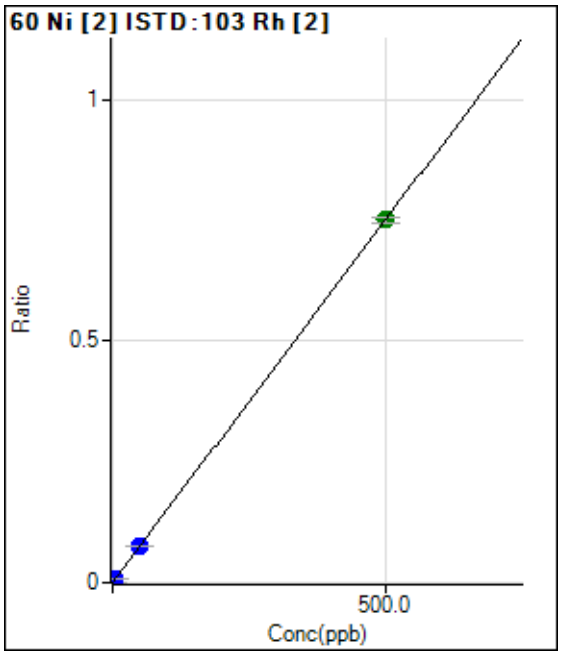
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	134.45	0.0007	P	16.9
2	☐	0.1000	0.1051	1426.75	0.0068	P	6.5
3	☐	1.0000	1.0759	13903.80	0.0639	P	3.5
4	☐	10.0000	10.5317	143773.60	0.6196	P	2.2
5	☐	100.0000	99.9461	1354223.35	5.8744	P	3.2
6	☐	20.0000					

y = 0.0588 * x + 6.5294E-004
R = 1.0000
DL = 0.005618
BEC = 0.01111

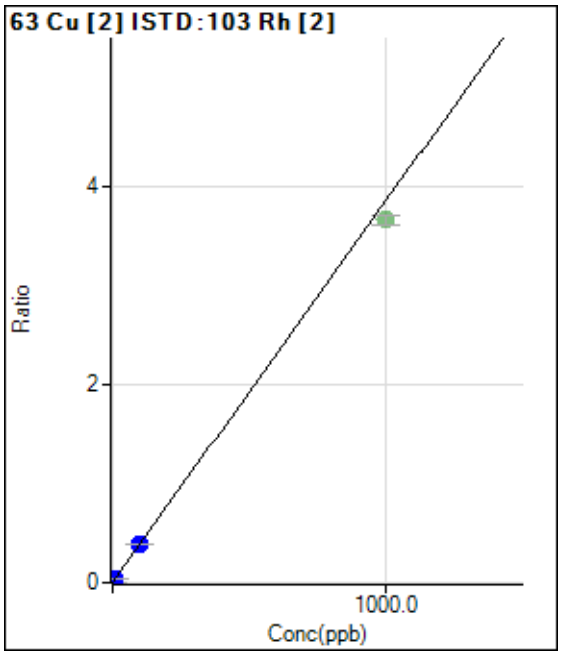
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	106.67	0.0000	P	17.8
2	☐	0.5000	0.4765	1737.89	0.0008	P	8.9
3	☐	5.0000	5.0541	17899.90	0.0076	P	3.2
4	☐	50.0000	50.4666	190656.26	0.0758	P	1.0
5	☐	500.0000	499.9528	1738475.97	0.7507	A	1.7
6	☐	100.0000					

y = 0.0015 * x + 4.7392E-005
R = 1.0000
DL = 0.01686
BEC = 0.03156

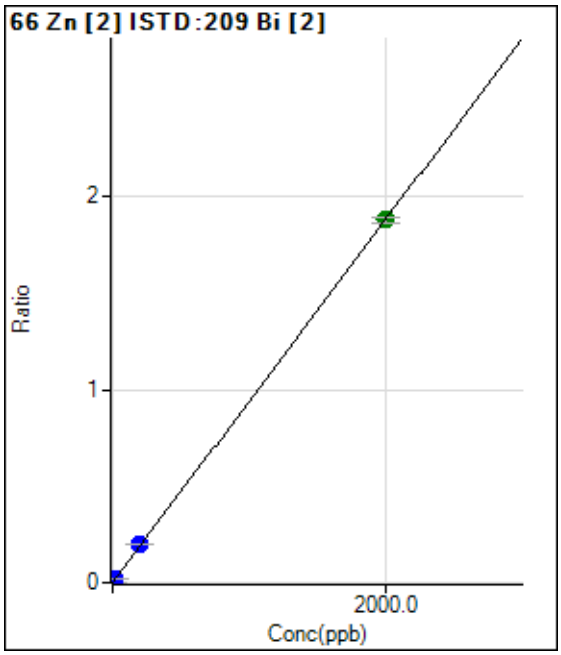
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	2565.80	0.0011	P	7.3
2	☐	1.0000	1.0115	11484.18	0.0050	P	2.5
3	☐	10.0000	10.1223	94087.69	0.0401	P	2.5
4	☐	100.0000	99.9877	971395.62	0.3863	P	0.7
5	☑	1000.0000		8490964.66	3.6668	A	2.6
6	☐	200.0000					

y = 0.0039 * x + 0.0011
R = 1.0000
DL = 0.06465
BEC = 0.2967

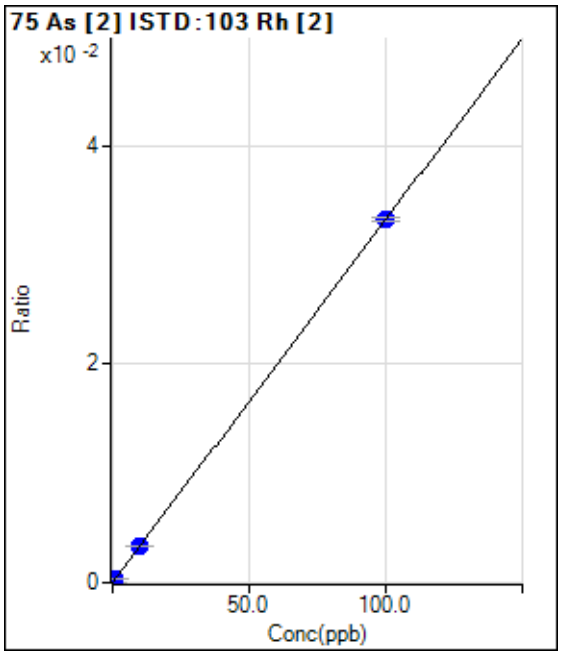
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	326.69	0.0002	P	18.4
2	☐	2.0000	2.4305	4714.25	0.0025	P	8.2
3	☐	20.0000	21.3801	41126.32	0.0203	P	3.8
4	☐	200.0000	208.7133	425060.62	0.1962	P	1.4
5	☐	2000.0000	1999.1144	3644948.07	1.8782	A	1.9
6	☐	400.0000					

y = 9.3945E-004 * x + 1.6939E-004
R = 1.0000
DL = 0.09938
BEC = 0.1803

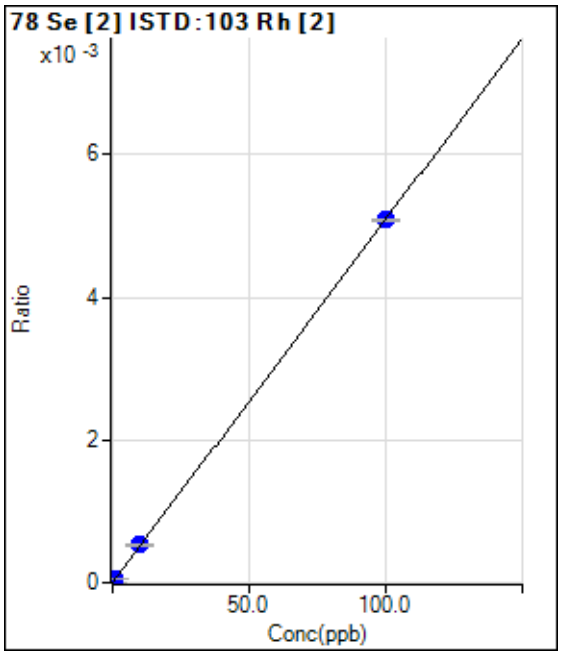
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	8.00	0.0000	P	13.3
2	☐	0.1000	0.1044	87.00	0.0000	P	12.2
3	☐	1.0000	0.9897	778.02	0.0003	P	1.2
4	☐	10.0000	9.9734	8329.48	0.0033	P	1.7
5	☐	100.0000	100.0028	76840.17	0.0332	P	0.9
6	☐	20.0000					

y = 3.3176E-004 * x + 3.5632E-006
R = 1.0000
DL = 0.00427
BEC = 0.01074

Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	1.73	0.0000	P	53.8
2	☐	0.1000	0.0758	10.53	0.0000	P	24.8
3	☐	1.0000	1.0284	124.40	0.0001	P	4.5
4	☐	10.0000	10.3696	1327.66	0.0005	P	1.2
5	☐	100.0000	99.9628	11772.91	0.0051	P	0.6
6	☐	20.0000					

y = 5.0847E-005 * x + 7.7288E-007

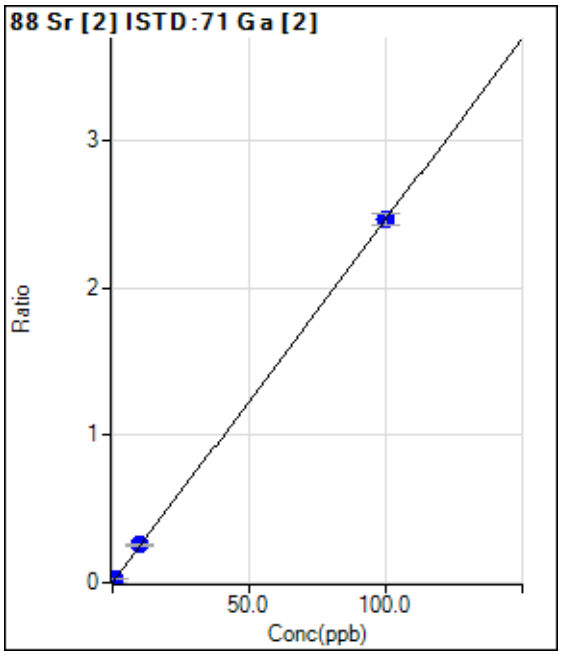
R = 1.0000

DL = 0.02453

BEC = 0.0152

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	36.67	0.0002	P	55.6
2	☐	0.1000	0.1042	573.37	0.0027	P	10.5
3	☐	1.0000	0.9538	5154.42	0.0237	P	6.8
4	☐	10.0000	10.3432	59210.32	0.2551	P	1.5
5	☐	100.0000	99.9661	568142.37	2.4644	P	3.0
6	☐	20.0000					

y = 0.0247 * x + 1.7720E-004

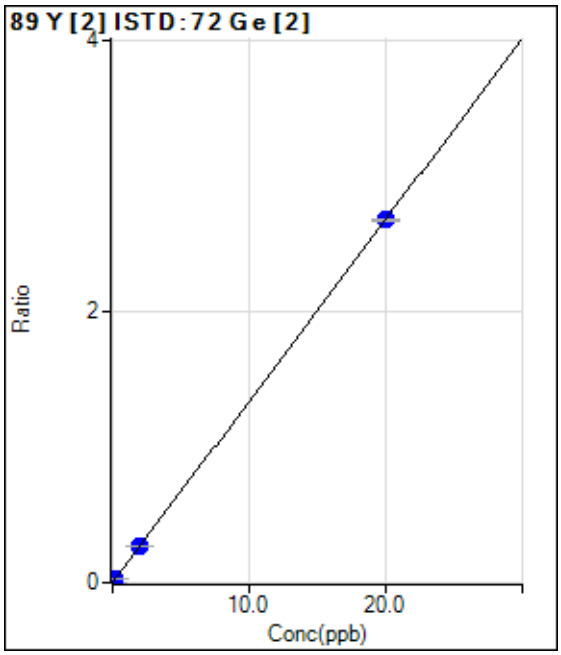
R = 1.0000

DL = 0.01198

BEC = 0.007188

Weight: None

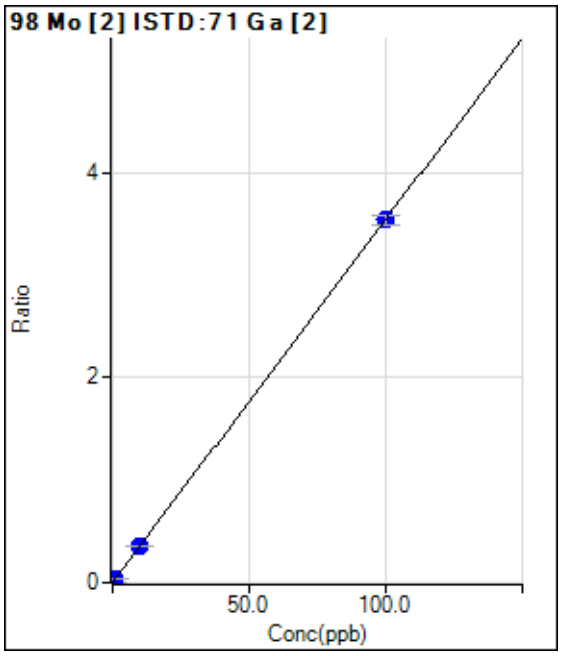
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	20.00	0.0002	P	132.4
2	☐	0.0200	0.0216	263.35	0.0031	P	15.0
3	☐	0.2000	0.2014	2303.62	0.0272	P	4.5
4	☐	2.0000	2.0335	24993.57	0.2727	P	2.0
5	☐	20.0000	19.9966	245892.42	2.6791	P	0.8
6	☐	6.0000					

y = 0.1340 * x + 2.4173E-004
R = 1.0000
DL = 0.007169
BEC = 0.001804

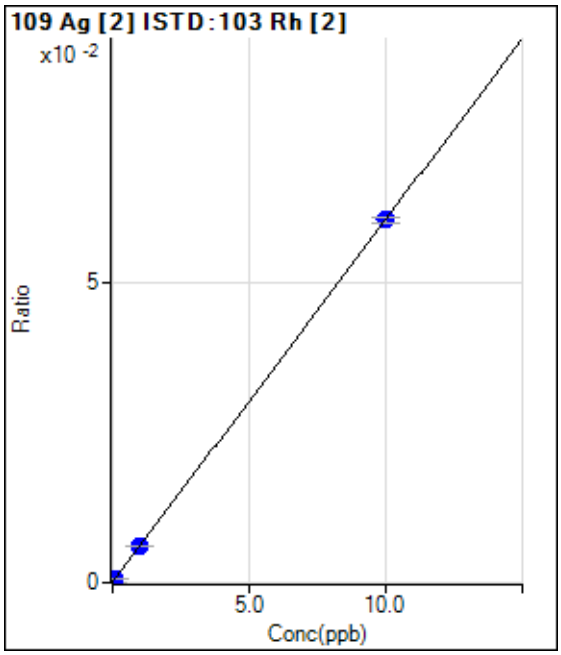
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	12.22	0.0001	P	94.6
2	☐	0.1000	0.1078	808.92	0.0039	P	16.5
3	☐	1.0000	0.9947	7674.16	0.0352	P	3.0
4	☐	10.0000	10.1114	83001.98	0.3577	P	3.1
5	☐	100.0000	99.9889	815450.80	3.5370	P	2.7
6	☐	20.0000					

y = 0.0354 * x + 5.9241E-005
R = 1.0000
DL = 0.004754
BEC = 0.001675

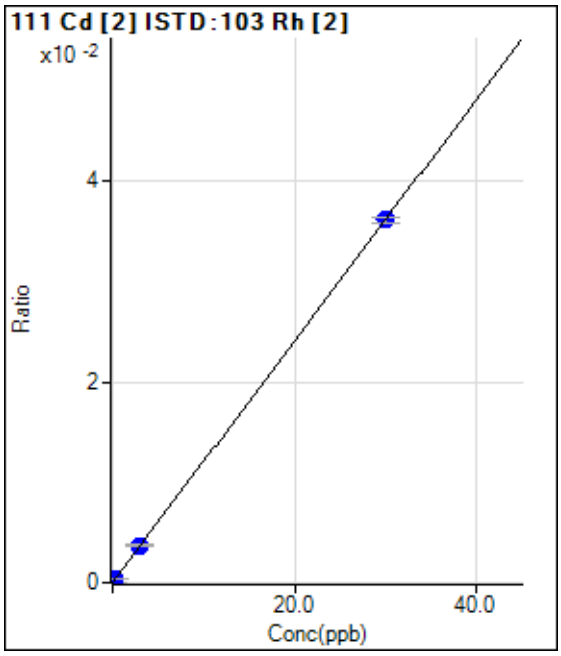
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	118.89	0.0001	P	11.9
2	☐	0.0100	0.0081	232.23	0.0001	P	29.1
3	☐	0.1000	0.1041	1602.33	0.0007	P	8.6
4	☐	1.0000	1.0003	15359.80	0.0061	P	1.6
5	☐	10.0000	9.9999	140303.77	0.0606	P	1.3
6	☐	2.0000					

y = 0.0061 * x + 5.2933E-005
R = 1.0000
DL = 0.003125
BEC = 0.008744

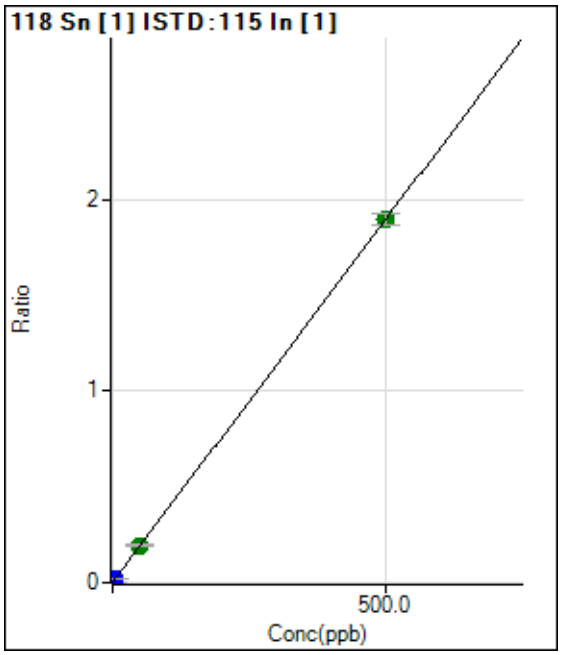
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	6.00	0.0000	P	88.7
2	☐	0.0300	0.0293	86.59	0.0000	P	25.7
3	☐	0.3000	0.3003	855.27	0.0004	P	4.1
4	☐	3.0000	3.0698	9314.61	0.0037	P	2.2
5	☐	30.0000	29.9930	83768.61	0.0362	P	1.7
6	☐	6.0000					

y = 0.0012 * x + 2.6699E-006
R = 1.0000
DL = 0.005893
BEC = 0.002214

Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	6961.89	0.0009	P	9.7
2	☐	0.5000	0.7907	30434.04	0.0039	P	4.7
3	☐	5.0000	5.1151	164362.49	0.0203	P	1.7
4	☐	50.0000	51.1789	1841361.12	0.1948	A	2.3
5	☐	500.0000	499.8807	15578233.52	1.8950	A	3.2
6	☐	100.0000					

y = 0.0038 * x + 9.2547E-004

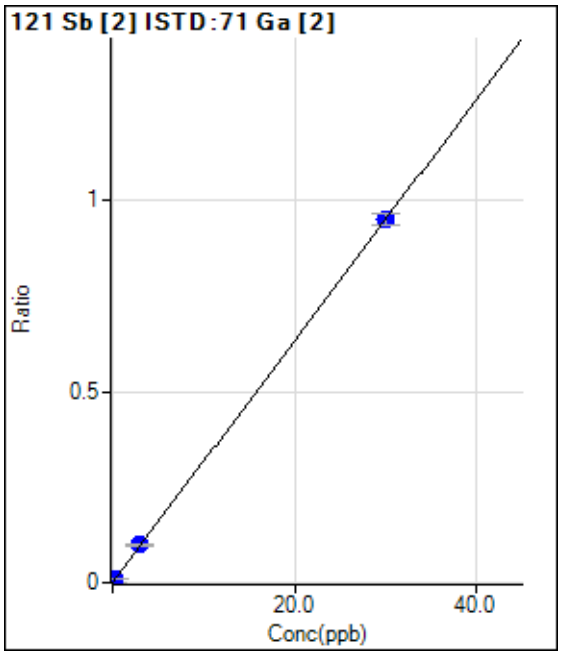
R = 1.0000

DL = 0.07079

BEC = 0.2443

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	55.56	0.0003	P	28.9
2	☐	0.0300	0.0349	286.68	0.0014	P	11.6
3	☐	0.3000	0.2957	2093.51	0.0096	P	2.6
4	☐	3.0000	3.1317	23038.23	0.0993	P	2.6
5	☐	30.0000	29.9869	218633.26	0.9484	P	3.2
6	☐	6.0000					

y = 0.0316 * x + 2.7011E-004

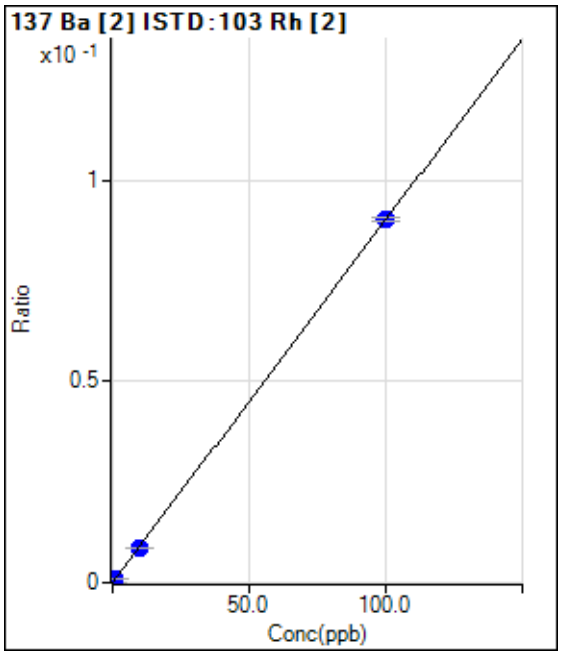
R = 1.0000

DL = 0.007418

BEC = 0.008543

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	80.00	0.0000	P	50.7
2	☐	0.1000	0.1098	306.69	0.0001	P	5.9
3	☐	1.0000	0.8992	1980.24	0.0008	P	5.2
4	☐	10.0000	9.4137	21385.80	0.0085	P	1.0
5	☐	100.0000	100.0596	208571.44	0.0901	P	1.1
6	☐	20.0000					

y = 8.9973E-004 * x + 3.5768E-005

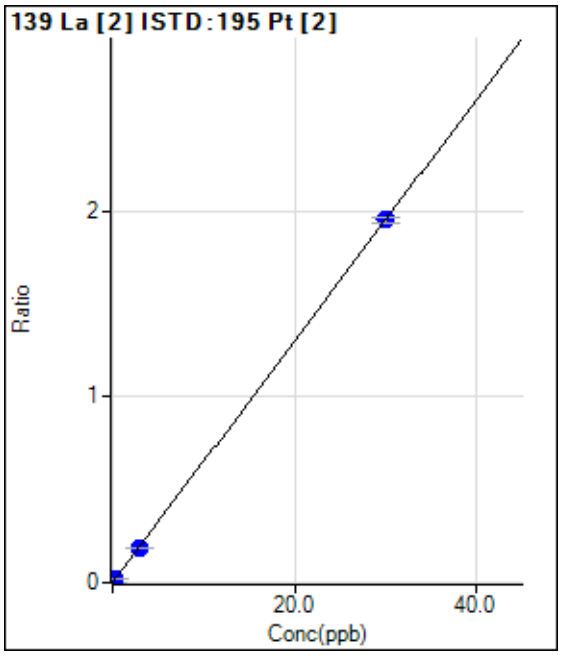
R = 1.0000

DL = 0.06044

BEC = 0.03975

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	3.33	0.0000	P	173.2
2	☐	0.0300	0.0270	616.71	0.0018	P	14.2
3	☐	0.3000	0.3035	7231.97	0.0198	P	3.7
4	☐	3.0000	2.9097	75230.71	0.1895	P	0.5
5	☐	30.0000	30.0090	732523.61	1.9546	P	1.4
6	☐	6.0000					

y = 0.0651 * x + 9.6295E-006

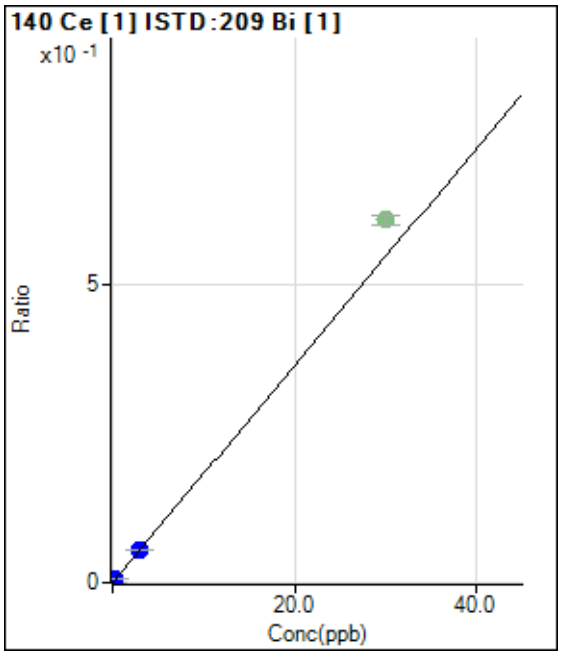
R = 1.0000

DL = 0.0007682

BEC = 0.0001478

Weight: None

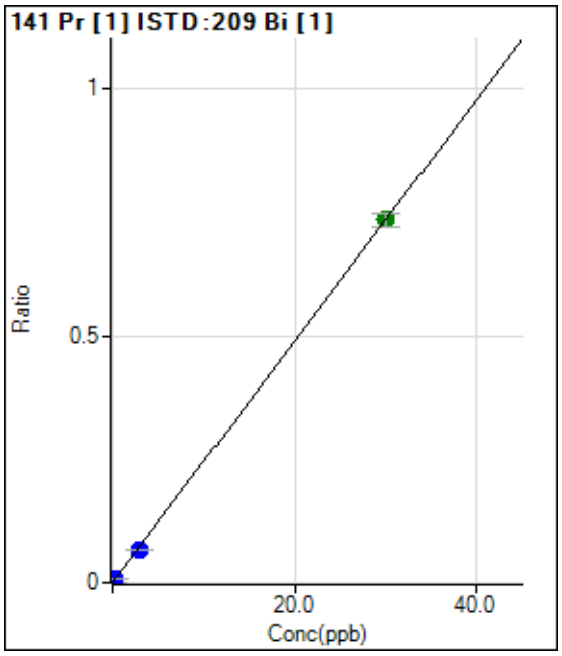
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	180.01	0.0000	P	28.2
2	☐	0.0300	0.0331	3967.35	0.0006	P	3.7
3	☐	0.3000	0.2961	35766.17	0.0054	P	3.0
4	☐	3.0000	3.0004	414536.84	0.0546	P	1.5
5	☑	30.0000		3908970.05	0.6071	A	2.5
6	☐	6.0000					

y = 0.0182 * x + 2.9164E-005
R = 1.0000
DL = 0.001358
BEC = 0.001604

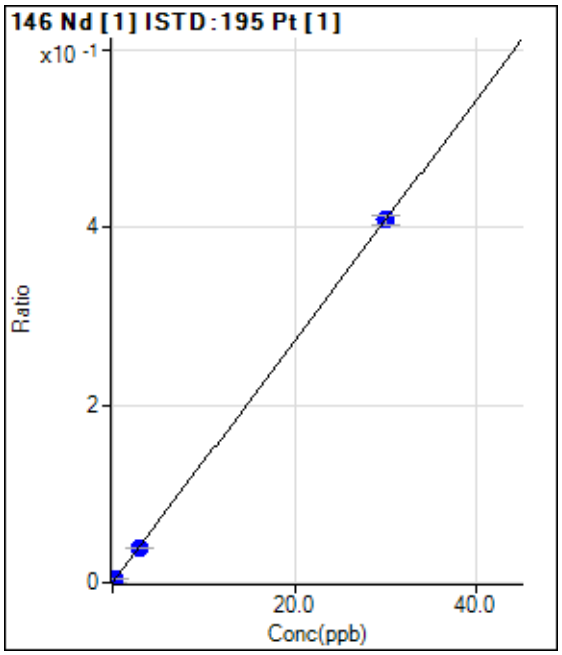
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	16.67	0.0000	P	93.2
2	☐	0.0300	0.0286	4424.17	0.0007	P	2.2
3	☐	0.3000	0.2699	43699.88	0.0066	P	2.6
4	☐	3.0000	2.7223	506241.23	0.0667	P	2.1
5	☐	30.0000	30.0281	4733688.99	0.7353	A	3.4
6	☐	6.0000					

y = 0.0245 * x + 2.7258E-006
R = 1.0000
DL = 0.0003112
BEC = 0.0001113

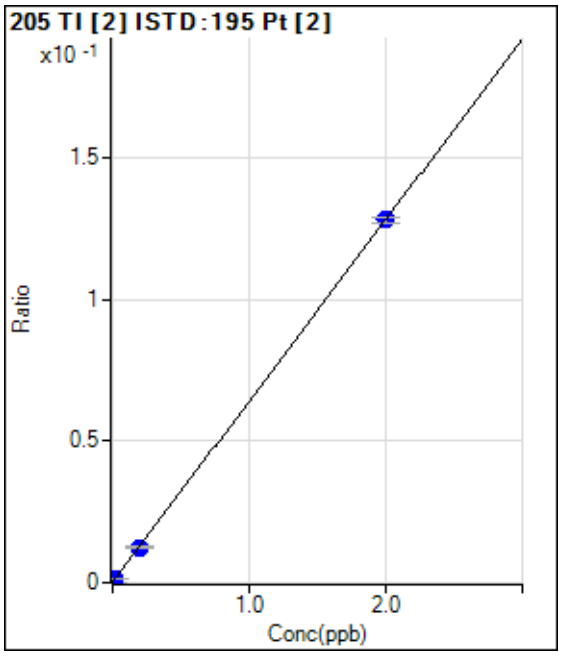
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	30.00	0.0000	P	84.7
2	☐	0.0300	0.0324	840.07	0.0005	P	13.6
3	☐	0.3000	0.2866	7542.22	0.0039	P	6.9
4	☐	3.0000	2.8502	87492.57	0.0388	P	3.6
5	☐	30.0000	30.0151	798629.16	0.4086	P	2.8
6	☐	6.0000					

y = 0.0136 * x + 1.6428E-005
R = 1.0000
DL = 0.003065
BEC = 0.001207

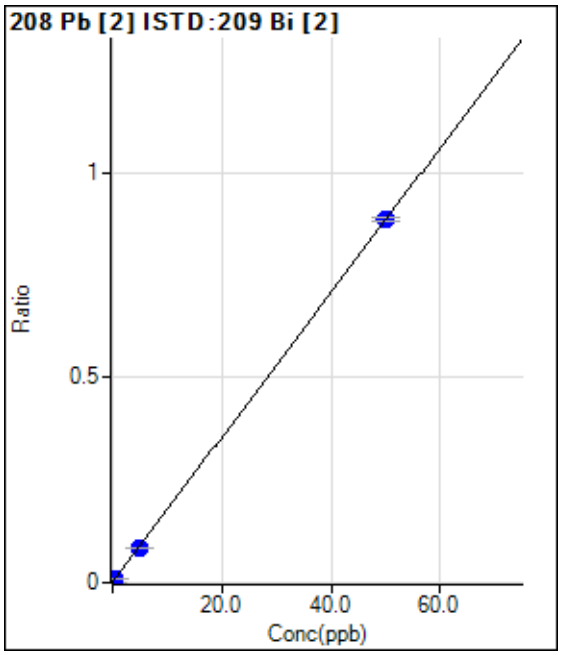
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	45.71	0.0001	P	29.7
2	☐	0.0020	0.0021	93.81	0.0003	P	10.2
3	☐	0.0200	0.0163	430.49	0.0012	P	8.7
4	☐	0.2000	0.1935	4968.48	0.0125	P	2.2
5	☐	2.0000	2.0007	48045.95	0.1282	P	1.8
6	☐	0.4000					

y = 0.0640 * x + 1.3215E-004
R = 1.0000
DL = 0.001841
BEC = 0.002064

Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	2223.53	0.0012	P	14.0
2	☐	0.0500	0.0553	4097.10	0.0021	P	2.5
3	☐	0.5000	0.4811	19599.43	0.0097	P	5.8
4	☐	5.0000	4.7856	185608.43	0.0857	P	1.6
5	☐	50.0000	50.0216	1716886.89	0.8847	P	1.2
6	☐	10.0000					

y = 0.0177 * x + 0.0012

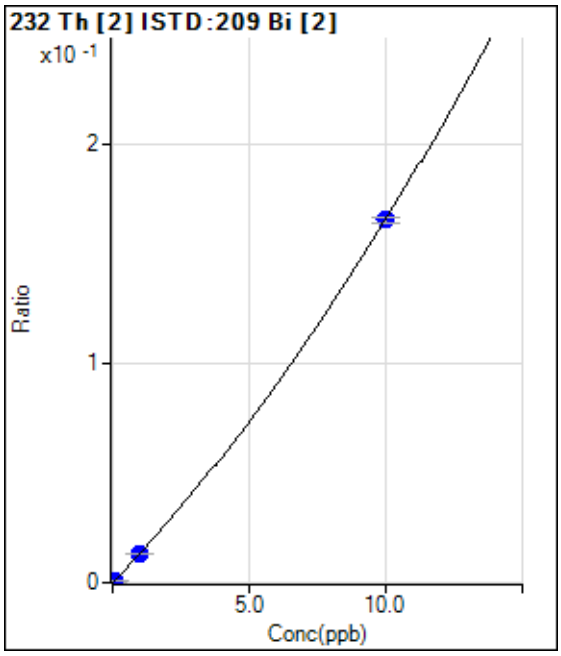
R = 1.0000

DL = 0.02746

BEC = 0.06529

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0004	10.00	0.0000	P	33.9
2	☐	0.0100	0.0199	493.35	0.0003	P	15.2
3	☐	0.1000	0.0879	2304.87	0.0011	P	21.7
4	☐	1.0000	1.0012	28721.84	0.0133	P	0.3
5	☐	10.0000	10.0000	320646.24	0.1652	P	1.8
6	☐	2.0000					

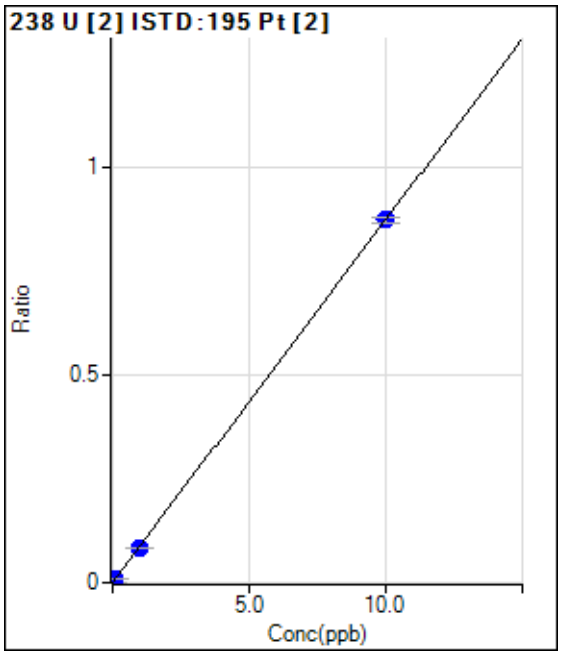
y = 3.6437E-004 * x ^ 2 + 0.0129 * x

DL = 0.00041

BEC = 0

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	6.67	0.0000	P	86.6
2	☐	0.0100	0.0095	294.45	0.0008	P	4.2
3	☐	0.1000	0.0976	3123.72	0.0085	P	5.9
4	☐	1.0000	0.9521	33000.99	0.0831	P	1.0
5	☐	10.0000	10.0048	327336.47	0.8733	P	1.3
6	☐	2.0000					

y = 0.0873 * x + 1.9254E-005

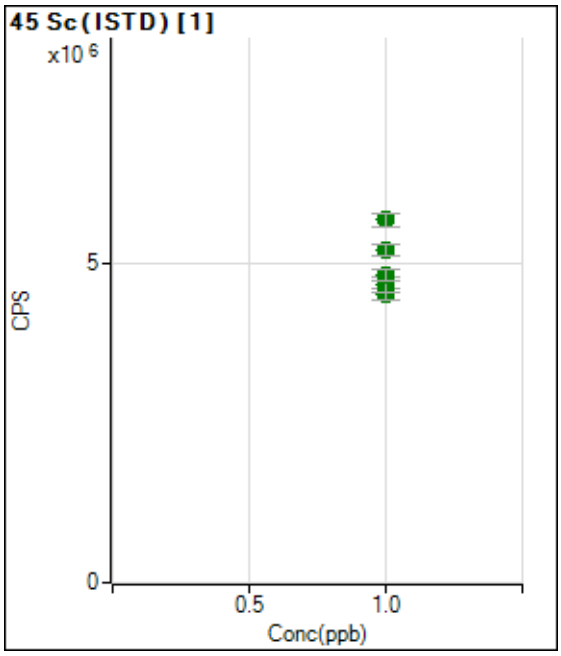
R = 1.0000

DL = 0.0005731

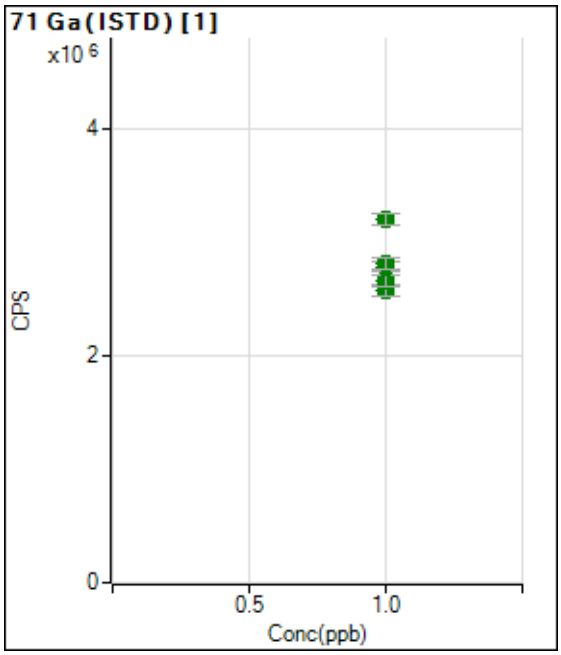
BEC = 0.0002206

Weight: None

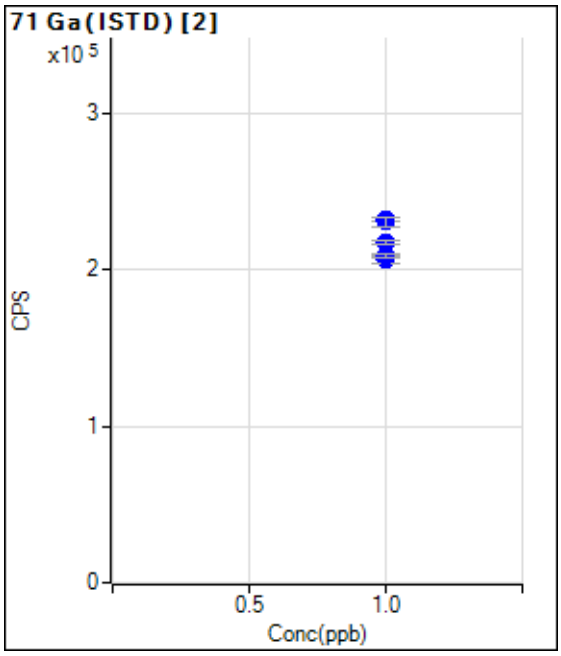
Min Conc: <None>



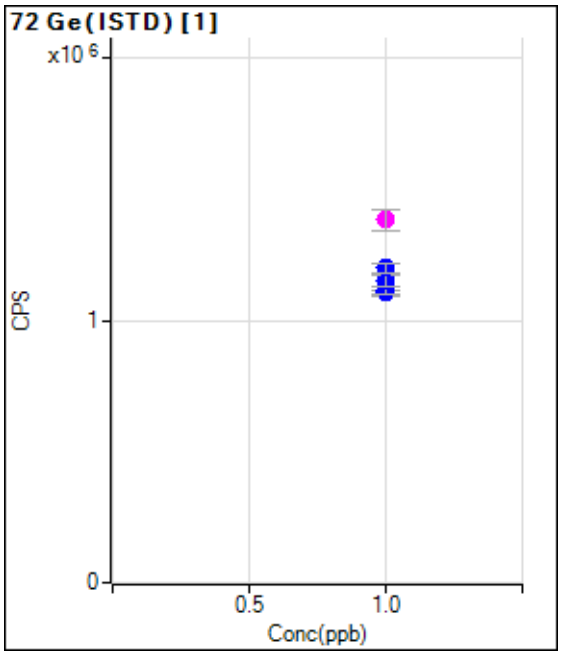
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		4524559.41		A	4.5
2	☐	1.0000		4662228.57		A	5.2
3	☐	1.0000		4818332.43		A	3.8
4	☐	1.0000		5688877.62		A	3.9
5	☐	1.0000		5206626.80		A	3.6
6	☐	1.0000					



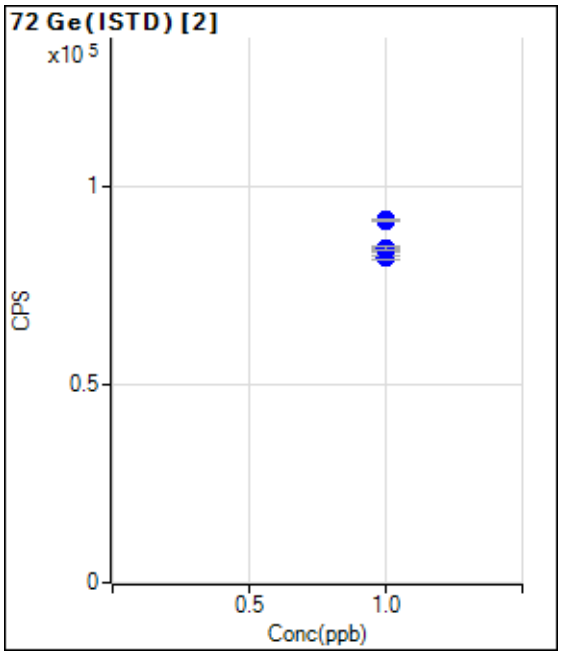
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		2575321.06		A	3.5
2	☐	1.0000		2660881.83		A	3.7
3	☐	1.0000		2784714.44		A	2.8
4	☐	1.0000		3194977.66		A	3.0
5	☐	1.0000		2815634.75		A	3.4
6	☐	1.0000					



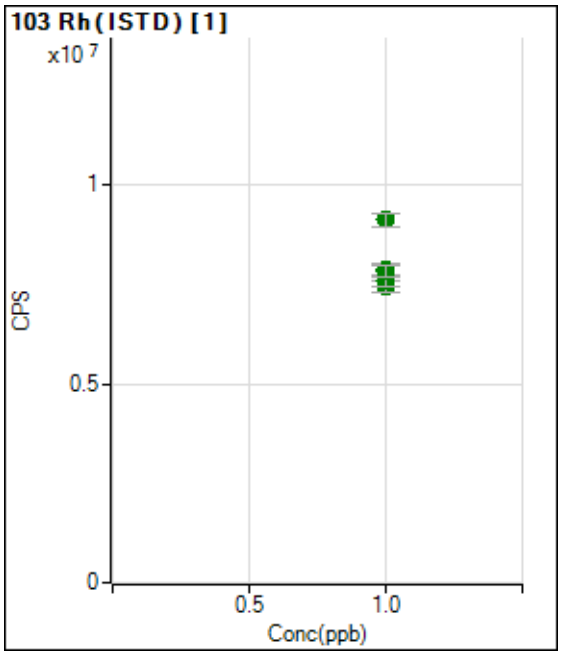
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		206410.55		P	2.2
2	☐	1.0000		209041.90		P	1.0
3	☐	1.0000		217690.06		P	1.1
4	☐	1.0000		232078.49		P	1.2
5	☐	1.0000		230643.44		P	2.3
6	☐	1.0000					



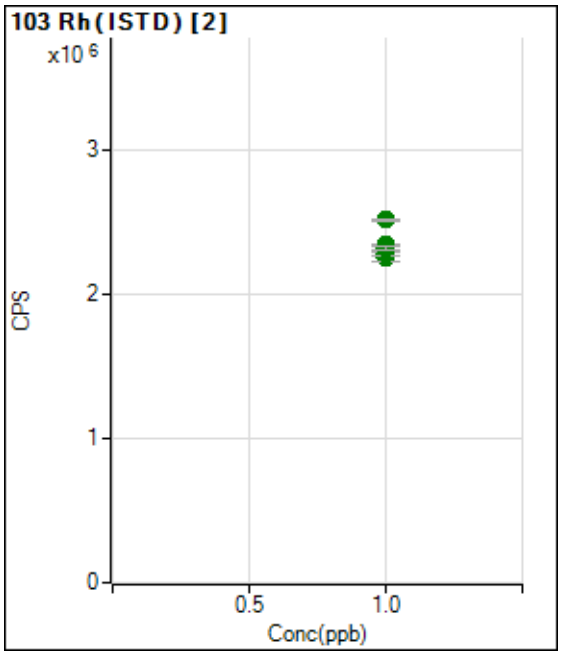
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		1104963.42		P	2.5
2	☐	1.0000		1117500.19		P	2.6
3	☐	1.0000		1152205.09		P	3.8
4	☐	1.0000		1384315.81		M	5.6
5	☐	1.0000		1202503.26		P	3.0
6	☐	1.0000					



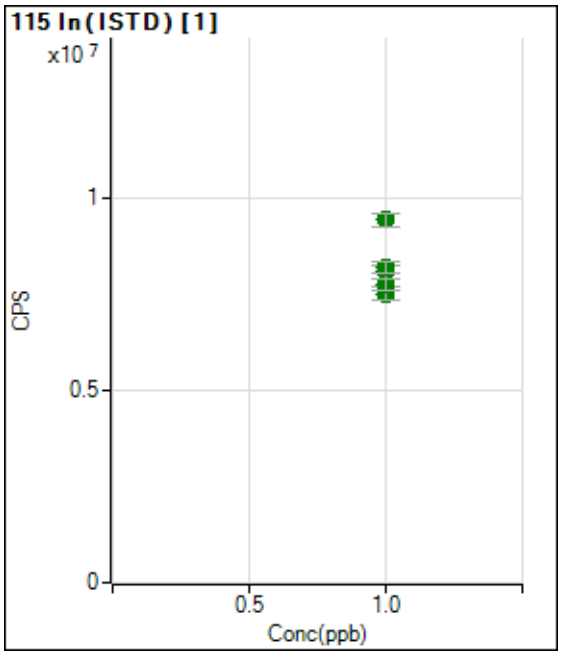
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		82138.57		P	1.6
2	☐	1.0000		84031.46		P	1.4
3	☐	1.0000		84603.84		P	0.7
4	☐	1.0000		91672.65		P	0.8
5	☐	1.0000		91779.55		P	0.5
6	☐	1.0000					



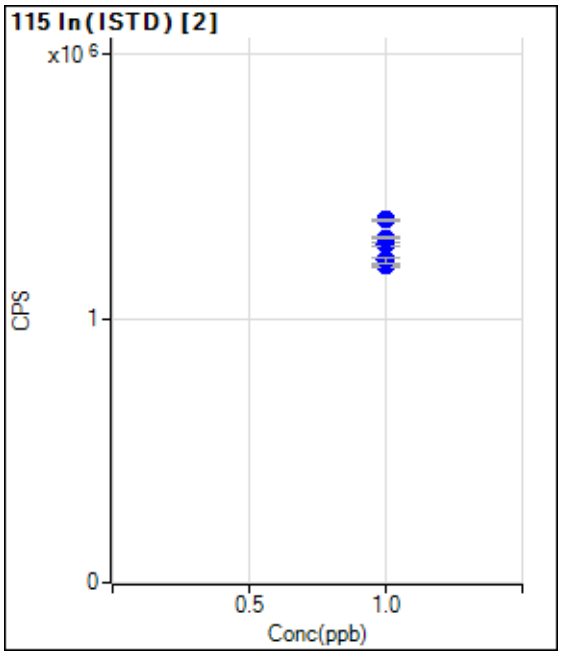
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		7429186.76		A	3.8
2	☐	1.0000		7606347.39		A	3.8
3	☐	1.0000		7895899.68		A	3.6
4	☐	1.0000		9123408.20		A	3.4
5	☐	1.0000		7852690.93		A	3.7
6	☐	1.0000					



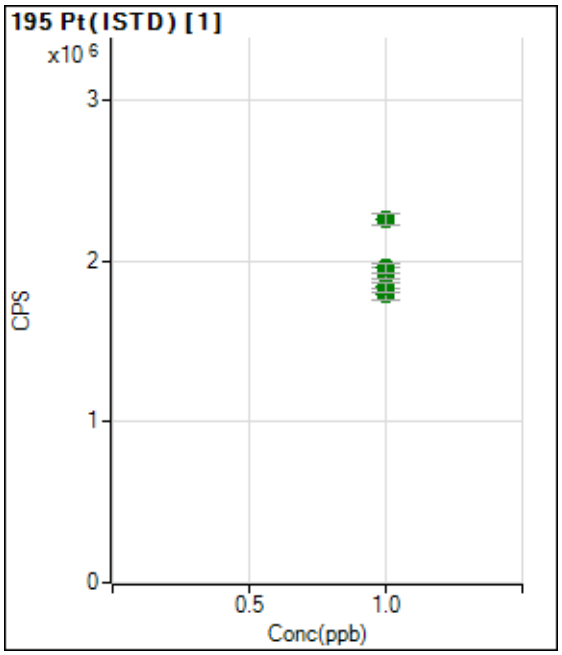
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		2246631.95		A	1.8
2	☐	1.0000		2279144.03		A	1.0
3	☐	1.0000		2344253.30		A	0.6
4	☐	1.0000		2514458.09		A	0.8
5	☐	1.0000		2315960.38		A	0.9
6	☐	1.0000					



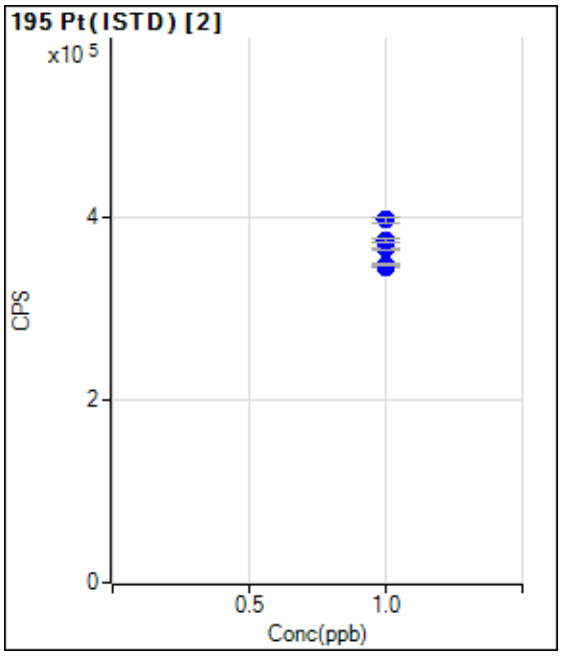
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		7535299.50		A	4.5
2	☐	1.0000		7769557.98		A	3.6
3	☐	1.0000		8097874.63		A	4.2
4	☐	1.0000		9454113.93		A	3.4
5	☐	1.0000		8226697.52		A	3.3
6	☐	1.0000					



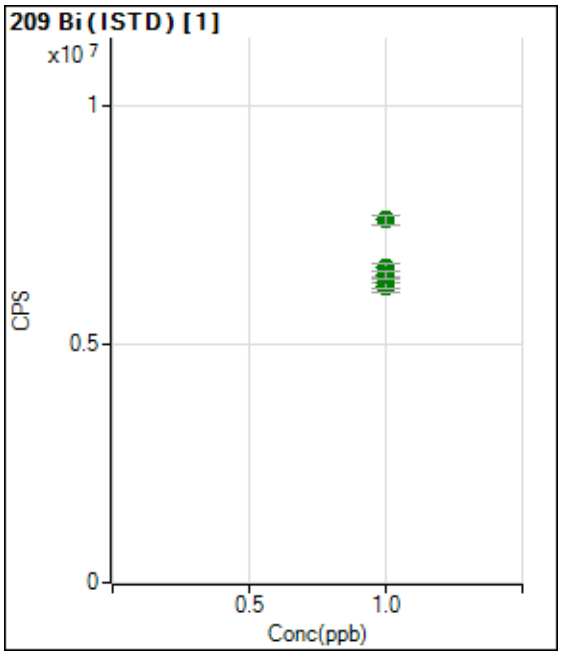
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		1201015.45		P	0.7
2	☐	1.0000		1222842.32		P	1.7
3	☐	1.0000		1280344.11		P	0.9
4	☐	1.0000		1374146.71		P	0.7
5	☐	1.0000		1306499.64		P	0.5
6	☐	1.0000					



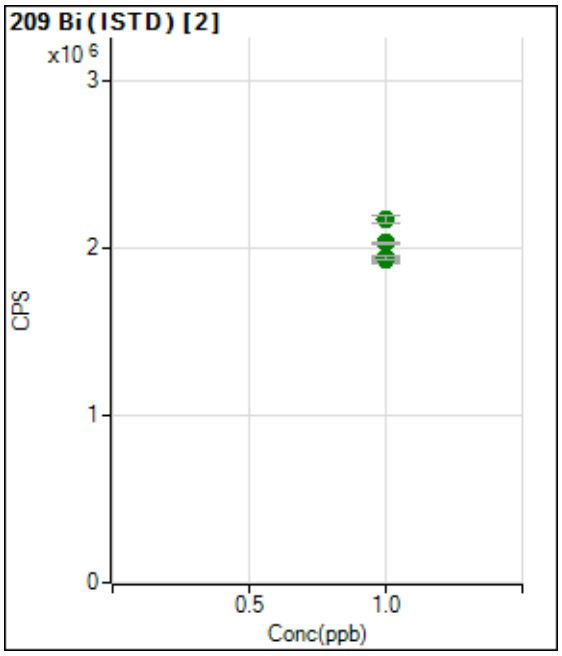
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		1795368.31		A	4.0
2	☐	1.0000		1838941.33		A	3.4
3	☐	1.0000		1926965.13		A	4.1
4	☐	1.0000		2255489.08		A	3.3
5	☐	1.0000		1955608.51		A	3.3
6	☐	1.0000					



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		345874.99		P	0.2
2	☐	1.0000		348033.29		P	0.9
3	☐	1.0000		365665.07		P	0.7
4	☐	1.0000		396934.99		P	1.7
5	☐	1.0000		374803.37		P	1.1
6	☐	1.0000					



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		6185916.58		A	3.2
2	☐	1.0000		6286399.07		A	3.8
3	☐	1.0000		6610055.73		A	2.8
4	☐	1.0000		7596214.47		A	2.6
5	☐	1.0000		6442133.03		A	3.1
6	☐	1.0000					



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		1926237.63		A	1.1
2	☐	1.0000		1923858.77		A	1.8
3	☐	1.0000		2030425.07		A	0.5
4	☐	1.0000		2166364.03		A	2.3
5	☐	1.0000		1940730.44		A	0.7
6	☐	1.0000					

QC Tune Report

Data File: C:\ICPMH\1\7500\QCTUNE.D
Date Acquired: 15 Jun 2022 09:22:05 am
Operator:
Misc Info:
Vial Number: 0
Current Method: C:\ICPMH\1\METHODS\2008TUNE.m

Minimum Response(CPS)

Element	Actual	Required	Flag

RSD (%)

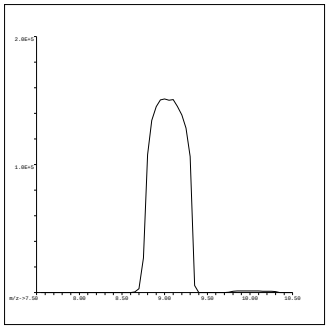
Element	Actual	Required	Flag
9 Be	1.04	5.00	
24 Mg	1.56	5.00	
25 Mg	2.08	5.00	
26 Mg	1.66	5.00	
59 Co	0.72	5.00	
115 In	1.01	5.00	
206 Pb	0.97	5.00	
207 Pb	1.41	5.00	
208 Pb	1.31	5.00	

Ion Ratio

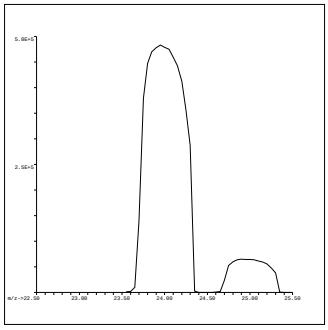
Element	Actual	Required	Flag

Maximum Bkg. Count(CPS)

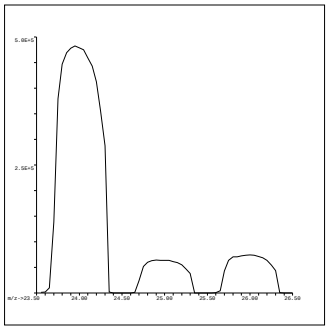
Element	Actual	Required	Flag



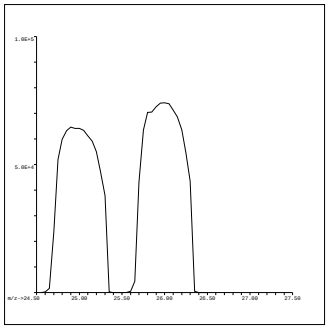
9 Be
Mass Calib.
Actual: 9.05
Required: 8.90-9.10
Flag:
Peak Width
Actual: 0.55
Required: 0.80
Flag:



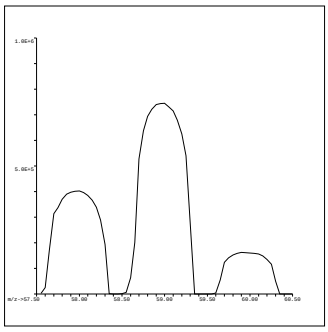
24 Mg
Mass Calib.
Actual: 23.95
Required: 23.90-24.10
Flag:
Peak Width
Actual: 0.60
Required: 0.80
Flag:



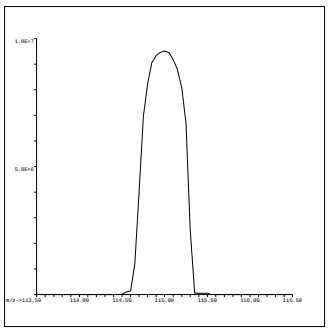
25 Mg
Mass Calib.
Actual: 24.95
Required: 24.90-25.10
Flag:
Peak Width
Actual: 0.60
Required: 0.80
Flag:



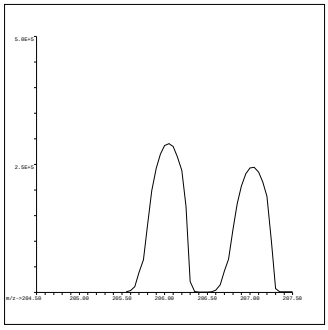
26 Mg
Mass Calib.
Actual: 26.00
Required: 25.90-26.10
Flag:
Peak Width
Actual: 0.65
Required: 0.80
Flag:



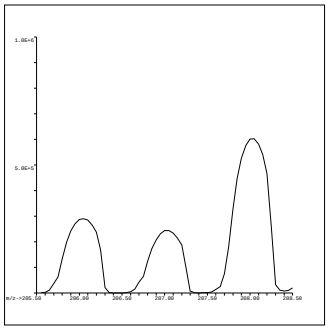
59 Co
Mass Calib.
   Actual: 58.95
   Required: 58.90-59.10
   Flag:
Peak Width
   Actual: 0.70
   Required: 0.80
   Flag:



115 In
Mass Calib.
   Actual: 115.00
   Required: 114.90-115.10
   Flag:
Peak Width
   Actual: 0.65
   Required: 0.80
   Flag:

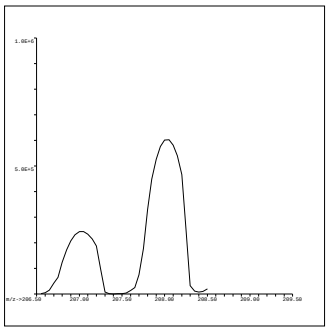


206 Pb
Mass Calib.
   Actual: 206.05
   Required: 205.90-206.10
   Flag:
Peak Width
   Actual: 0.60
   Required: 0.80
   Flag:



207 Pb
Mass Calib.
   Actual: 207.05
   Required: 206.90-207.10
   Flag:
Peak Width
   Actual: 0.60
   Required: 0.80
   Flag:

C:\ICPMH\1\7500\QCTUNE.D



208 Pb
Mass Calib.
   Actual: 208.05
   Required: 207.90-208.10
   Flag:
Peak Width
   Actual: 0.55
   Required: 0.80
   Flag:

QC Tune Result:Pass

Header Information for Analytical Sequence 22F16o00

Instrument: Agilent ICPMS Model 7700X; Serial No. JP09400112
Software Revision: B.01.01
Date of Analysis: 06/16/2022
Analyst: Jill Latelle

Calibration Standards

High Calibration Standard: ST220215-1 (expires 7/31/2022)
This standard contains the following elements at the listed concentrations (ng/ml).

100,000 - Na
50,000 - Ca, K
10,000 - Mg
5,000 - Fe, Al
3,000 - Ti
2,000 - Zn
1,000 - B, Cu, Li
500 - Cr, Ni, Sn
200 - Mn
100 - V, Co, As, Se, Mo, Ba, Sr
50 - Pb, Be
30 - Sb, Cd, La, Ce, Pr, Nd
20 - Y
10 - Th, U, Ag
2 - Tl

1/10, 1/100, and 1/1000 dilutions of the High Calibration Standard are prepared daily to provide additional calibration standards.

ICV

The ICV is prepared by diluting 10ml of the 2nd Source intermediate (ST220420-8, expires 04/30/2023) to 50ml giving the following concentrations (ng/ml).

20,000 - Na
10,000 - Ca, K
2,000 - Mg
1,000 - Fe, Al
400 - Zn, Ti
200 - B, Cu, Li
100 - Cr, Ni, Sn
60 - Nd
40 - Mn
20 - V, Co, As, Se, Mo, Ba, Sr
10 - Pb, Be
6 - Sb, Cd, La, Ce, Pr, Nd
4 - Y
2 - Th, U, Ag
0.4 - Tl

LIV

The LIV is prepared by diluting 0.05ml of the Reporting Limit Verification Spike Solution (ST220214-6 expires 7/31/2022) to 50ml giving the following concentrations (ng/ml).

100 - Na, Ca, K
20 - Ti
15 - B
10 - Al, Fe, Mg, Zn
2 - Cu, Li, Ni
1 - Cr, Se, Sn
0.5 - Ba, Co, Mn, Sr, V
0.2 - As, Cd, Mo, Pb
0.1 - Sb
0.05 - Ag, Be, Ce, La, Nd, Pr, Y
0.02 - Th
0.01- U, Tl

ICSA

The ICSA is prepared by diluting 0.5ml of ICSA intermediate (ST220110-9, expires 7/2/2024) to a final volume of 50ml giving the following concentrations (ng/ml).

42,500,000 - Cl
30,000 - Ca
25,000 - Fe, Na
20,000 - C
10,000 - Al, K, Mg, P, S
200 - Mo, Ti

ICSAB

The ICSAB is prepared by diluting 0.5ml of ICSA intermediate (ST220110-9, expires 7/2/2024) and 5ml of High Calibration Standard: ST220215-1 (expires 7/31/2022) to a final volume of 50ml. The ICSAB contains the following elements at the listed concentrations (ng/ml).

42,500,000 - Cl
35,000 - Ca, Na
25,500 - Fe
20,000 - C
15,000 - K
11,000 - Mg
10,500 - Al
10,000 - P, S
400 - Ti
210 - Mo
200 - Zn
100 - B, Cu, Li
50 - Cr, Ni, Sn
20 - Mn
10 - V, Co, As, Se, Ba, Sr
5 - Pb, Be
3 - Sb, Cd, La, Ce, Pr, Nd
2 - Y
1 - Th, U, Ag
0.2 - Tl

CCV

The CCV is prepared by diluting 5ml of the High Calibration Standard: ST220215-1 (expires 7/31/2022) to a final volume of 50ml. The CCV contains the following elements at the listed concentrations (ng/ml).

10,000 - Na
5,000 - Ca, K
1,000 - Mg
500 - Fe, Al
300 - Ti
200 - Zn
100 - B, Cu, Li
50 - Cr, Ni, Sn
20 - Mn
10 - V, Co, As, Se, Mo, Ba, Sr
5 - Pb, Be
3 - Sb, Cd, La, Ce, Pr, Nd
2 - Y
1 - Th, U, Ag
0.2 - Tl

Linear Dynamic Range Standards

The LDR standard is prepared by diluting 1ml of the High Calibration Standard Intermediate Mix (ST220214-8, expires 7/31/2022) to a final volume of 10ml. The LDR standard contains the following elements at the listed concentrations (ng/ml).

100,000 - Mg
50,000 - Fe, Al
30,000 - Ti
20,000 - Zn
10,000 - B, Cu, Li
5,000 - Cr, Ni, Sn
2,000 - Mn
1,000 - V, Co, As, Se, Mo, Ba, Sr
500 - Pb, Be
300 - Sb, Cd, La, Ce, Pr, Nd
200 – Y, U
100 - Th, Ag
20 - Tl

LDR-Ca,Na,K

1000 Na

The 1000 Na standard is prepared by diluting 1ml of the 10000mg/L Na stock solution (ST200919-1, expires 12/31/26) to a final volume of 10ml. The 1000 Na standard contains Na at 1000000 ng/ml.

500 Ca

The 500 Ca standard is prepared by diluting 0.5ml of the 10000mg/L Ca stock solution (ST1910025-5, expires 07/31/26) to a final volume of 10ml. The 500 Ca standard contains Ca at 500000 ng/ml.

500 K

The 500 K standard is prepared by diluting 0.5ml of the 10000mg/L K stock solution (ST191002-7, expires 12/31/25) to a final volume of 10ml. The 500 K standard contains K at 500000 ng/ml.

Linear Dynamic Range

The instrument Linear Dynamic Range (LDR) is determined once every six months. The instrument LDR is given below (ng/ml).

1,000,000 - Na
500,000 - Ca, K
100,000 - Mg
50,000 - Fe, Al
30,000 - Ti
20,000 - Zn
10,000 - B, Cu, Li
5,000 - Cr, Ni, Sn
2,000 - Mn
1,000 - V, Co, As, Se, Mo, Ba, Sr
500 - Pb, Be
300 - Sb, Cd, La, Ce, Pr, Nd
200 - Y, U
100 - Th, Ag
20 - Tl

ICB/CCB and all diluent

1% HNO_3, 1%HCl in double deionized water

HNO_3 Lot No. 197345
HCl Lot No. 212747

Internal Standards

The internal standard intermediate contains 1 PPM each of Ga, Ge, Pt, In, Rh, Bi and Sc. This intermediate is added to all standards and samples in the same proportion by a peristaltic pump.

Ga - ST190204-3, expires 09/30/2024
Ge – ST210225-2, expires 07/07/2024
Pt - ST190118-3, expires 04/30/2025
In - ST190118-7, expires 10/19/2022
Rh – ST210225-3, expires 11/22/2023
Bi - ST190118-1, expires 04/30/2025
Sc – ST210225-4, expires 01/11/2024

Pipet ID Numbers

1.0 to 5.0 ml -- M-07
0.1 to 1.0ml -- M-61
0.01 to 0.1ml -- M-57

Dilutions

2X dilutions made by diluting 5ml of sample to 10ml final volume
5X dilutions made by diluting 1ml of sample to 5ml final volume
10X dilutions made by diluting 1ml of sample to 10ml final volume
50X dilutions made by diluting 0.1ml of sample to 5ml final volume
100X dilutions made by diluting 0.1ml of sample to 10ml final volume
200X dilutions made by diluting 0.05ml of sample to 10ml final volume
500X dilutions made by diluting 0.02ml of sample to 10ml final volume

Analytical Spikes

2205638-180A, 2205638-181A, 2205638-225A and 2205638-226A were post spiked by diluting the High Calibration Standard (ST220215-1, expires 7/31/2022) and the Cation Spike (ST220426-2, expires 06/30/2023) 500 fold then ten-fold dilution of the sample digestates.

Daily Maintenance Items

1. Check / change pump tubing
2. Check / clean drain containers
3. Tune instrument per manufacturer's procedures
4. Perform resolution / mass calibration / stability test and print QC tune report

Monthly Maintenance Items

1. Check / clean torch and cones
2. Check / clean nebulizer and spray chamber
3. Check / fill water recirculating reservoir
4. Check / fill vacuum pump oil

Additional Comments

No additional comments.

Batch Summary Report

Batch Folder: C:\ICPMH\1\DATA\22F16o00.B\
Analysis File: 22F16o00.batch.xml
Tune Step: #1 nogas.u
#2 hehe.u

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
1		6/16/2022 13:50:27	001CALB_22F16n00.D	RINSE	CalBlk	1	1.0000
2		6/16/2022 13:53:25	002CALB_22F16n00.D	RINSE	CalBlk	1	1.0000
3		6/16/2022 13:56:23	003CALB_22F16n00.D	RINSE	CalBlk	1	1.0000
4		6/16/2022 13:59:22	004CALB_22F16n00.D	BLANK	CalBlk	1	1.0000
5		6/16/2022 14:02:22	005CALS_22F16n00.D	H/1000	CalStd	2	1.0000
6		6/16/2022 14:08:19	006CALS_22F16n00.D	H/100	CalStd	3	1.0000
7		6/16/2022 14:14:14	007CALS_22F16n00.D	H/10	CalStd	4	1.0000
8		6/16/2022 14:20:04	008CALS_22F16n00.D	HIGH	CalStd	5	1.0000
9		6/16/2022 14:40:20	001SMPL.D	RINSE	Sample		1.0000
10		6/16/2022 14:43:17	002SMPL.D	ICV	6-ICV		1.0000
11		6/16/2022 14:49:10	003SMPL.D	ICB	6-CCB		1.0000
12		6/16/2022 14:52:10	004SMPL.D	LIV	RLCV		1.0000
13		6/16/2022 14:55:10	005SMPL.D	ICSA	6-ICSA		1.0000
14		6/16/2022 15:01:03	006SMPL.D	ICSAB	6-ICSAB		1.0000
15		6/16/2022 15:06:55	0076CCV.D	CCV	6-CCV		1.0000
16		6/16/2022 15:12:49	0086CCB.D	CCB	6-CCB		1.0000
17		6/16/2022 15:15:49	009SMPL.D	2205638-180 10X	Sample		1.0000
18		6/16/2022 15:18:45	010SMPL.D	2205638-180L 50X	Sample		1.0000
19		6/16/2022 15:21:42	011SMPL.D	2205638-180MS 10X	Sample		1.0000
20		6/16/2022 15:24:33	012SMPL.D	2205638-180MSD 10X	Sample		1.0000
21		6/16/2022 15:27:24	013SMPL.D	2205638-180A 10X	Sample		1.0000
22		6/16/2022 15:33:12	014SMPL.D	2205638-181 10X	Sample		1.0000
23		6/16/2022 15:36:06	015SMPL.D	2205638-181L 50X	Sample		1.0000
24		6/16/2022 15:39:03	016SMPL.D	2205638-181MS 10X	Sample		1.0000
25		6/16/2022 15:41:55	017SMPL.D	2205638-181MSD 10X	Sample		1.0000
26		6/16/2022 15:44:47	018SMPL.D	2205638-181A 10X	Sample		1.0000
27		6/16/2022 15:50:34	0196CCV.D	CCV	6-CCV		1.0000

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
28		6/16/2022 15:56:26	0206CCB.D	CCB	6-CCB		1.0000
29		6/16/2022 15:59:27	021SMPL.D	2205638-182 10X	Sample		1.0000
30		6/16/2022 16:02:25	022SMPL.D	2205638-183 10X	Sample		1.0000
31		6/16/2022 16:08:18	0236CCV.D	CCV	6-CCV		1.0000
32		6/16/2022 16:14:11	0246CCB.D	CCB	6-CCB		1.0000
33	On	6/16/2022 16:17:10	0256CCB.D	ZZZ	6-CCB		1.0000
34	On	6/16/2022 16:20:11	026_LCS.D	ZZZ	6-LCS		1.0000
35		6/16/2022 16:26:04	027_LCS.D	IM220614-1LCSD 10X	6-LCS		1.0000
36		6/16/2022 16:31:56	028SMPL.D	2205638-184 10X	Sample		1.0000
37		6/16/2022 16:34:52	029SMPL.D	2205638-185 10X	Sample		1.0000
38		6/16/2022 16:37:48	030SMPL.D	2205638-186 10X	Sample		1.0000
39		6/16/2022 16:40:44	031SMPL.D	2205638-187 10X	Sample		1.0000
40		6/16/2022 16:43:41	032SMPL.D	2205638-188 10X	Sample		1.0000
41		6/16/2022 16:46:37	033SMPL.D	2205638-189 10X	Sample		1.0000
42		6/16/2022 16:49:33	034SMPL.D	2205638-190 10X	Sample		1.0000
43		6/16/2022 16:55:24	0356CCV.D	CCV	6-CCV		1.0000
44		6/16/2022 17:01:17	0366CCB.D	CCB	6-CCB		1.0000
45		6/16/2022 17:04:17	037SMPL.D	2205638-191 10X	Sample		1.0000
46		6/16/2022 17:07:14	038SMPL.D	2205638-193 10X	Sample		1.0000
47		6/16/2022 17:10:10	039SMPL.D	2205638-194 10X	Sample		1.0000
48		6/16/2022 17:13:06	040SMPL.D	2205638-196 10X	Sample		1.0000
49		6/16/2022 17:16:04	041SMPL.D	2205638-197 10X	Sample		1.0000
50		6/16/2022 17:19:02	042SMPL.D	2205638-199 10X	Sample		1.0000
51		6/16/2022 17:21:59	043SMPL.D	2205638-200 10X	Sample		1.0000
52		6/16/2022 17:24:55	044SMPL.D	2205638-201 10X	Sample		1.0000
53		6/16/2022 17:27:49	045SMPL.D	2205638-202 10X	Sample		1.0000
54		6/16/2022 17:30:43	046SMPL.D	2205638-204 10X	Sample		1.0000
55		6/16/2022 17:36:33	0476CCV.D	CCV	6-CCV		1.0000
56		6/16/2022 17:42:27	0486CCB.D	CCB	6-CCB		1.0000
57		6/16/2022 17:45:26	0496CCB.D	IP220614-1MB 10X	6-CCB		1.0000
58		6/16/2022 17:48:26	050_LCS.D	IM220614-1LCS 10X	6-LCS		1.0000
59		6/16/2022 17:54:19	051SMPL.D	2205638-205 10X	Sample		1.0000
60		6/16/2022 17:57:11	052SMPL.D	2205638-206 10X	Sample		1.0000

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
61		6/16/2022 18:00:06	053SMPL.D	2205638-207 10X	Sample		1.0000
62		6/16/2022 18:05:55	0546CCV.D	CCV	6-CCV		1.0000
63		6/16/2022 18:11:47	0556CCB.D	CCB	6-CCB		1.0000
64		6/16/2022 18:14:46	0566CCB.D	IP220614-2MB 10X	6-CCB		1.0000
65		6/16/2022 18:17:45	057_LCS.D	IM220614-2LCS 10X	6-LCS		1.0000
66		6/16/2022 18:23:38	058SMPL.D	2205638-208 10X	Sample		1.0000
67		6/16/2022 18:26:32	059SMPL.D	2205638-209 10X	Sample		1.0000
68		6/16/2022 18:29:28	060SMPL.D	2205638-210 10X	Sample		1.0000
69		6/16/2022 18:32:23	061SMPL.D	2205638-211 10X	Sample		1.0000
70		6/16/2022 18:35:17	062SMPL.D	2205638-212 10X	Sample		1.0000
71		6/16/2022 18:38:12	063SMPL.D	2205638-213 10X	Sample		1.0000
72		6/16/2022 18:41:08	064SMPL.D	2205638-214 10X	Sample		1.0000
73		6/16/2022 18:44:03	065SMPL.D	2205638-215 10X	Sample		1.0000
74		6/16/2022 18:49:53	0666CCV.D	CCV	6-CCV		1.0000
75		6/16/2022 18:55:45	0676CCB.D	CCB	6-CCB		1.0000
76		6/16/2022 18:58:44	068SMPL.D	2205638-216 10X	Sample		1.0000
77		6/16/2022 19:01:39	069SMPL.D	2205638-217 10X	Sample		1.0000
78		6/16/2022 19:04:36	070SMPL.D	2205638-218 10X	Sample		1.0000
79		6/16/2022 19:07:32	071SMPL.D	2205638-219 10X	Sample		1.0000
80		6/16/2022 19:10:27	072SMPL.D	2205638-220 10X	Sample		1.0000
81		6/16/2022 19:13:22	073SMPL.D	2205638-221 10X	Sample		1.0000
82		6/16/2022 19:16:17	074SMPL.D	2205638-222 10X	Sample		1.0000
83		6/16/2022 19:19:12	075SMPL.D	2205638-223 10X	Sample		1.0000
84		6/16/2022 19:22:07	076SMPL.D	2205638-224 10X	Sample		1.0000
85		6/16/2022 19:27:57	0776CCV.D	CCV	6-CCV		1.0000
86		6/16/2022 19:33:50	0786CCB.D	CCB	6-CCB		1.0000
87		6/16/2022 19:36:50	079SMPL.D	2205638-225 10X	Sample		1.0000
88		6/16/2022 19:39:44	080SMPL.D	2205638-225L 50X	Sample		1.0000
89		6/16/2022 19:42:43	081SMPL.D	2205638-225MS 10X	Sample		1.0000
90		6/16/2022 19:45:36	082SMPL.D	2205638-225MSD 10X	Sample		1.0000
91		6/16/2022 19:48:30	083SMPL.D	2205638-225A 10X	Sample		1.0000
92		6/16/2022 19:54:18	0846CCV.D	CCV	6-CCV		1.0000
93		6/16/2022 20:00:10	0856CCB.D	CCB	6-CCB		1.0000

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
94		6/16/2022 20:03:10	0866CCB.D	IP220614-3MB 10X	6-CCB		1.0000
95		6/16/2022 20:06:11	087_LCS.D	IM220614-3LCS 10X	6-LCS		1.0000
96		6/16/2022 20:12:05	088SMPL.D	2205638-226 10X	Sample		1.0000
97		6/16/2022 20:15:01	089SMPL.D	2205638-226L 50X	Sample		1.0000
98		6/16/2022 20:17:59	090SMPL.D	2205638-226MS 10X	Sample		1.0000
99		6/16/2022 20:20:50	091SMPL.D	2205638-226MSD 10X	Sample		1.0000
100		6/16/2022 20:23:42	092SMPL.D	2205638-226A 10X	Sample		1.0000
101		6/16/2022 20:29:32	093SMPL.D	2205638-227 10X	Sample		1.0000
102		6/16/2022 20:32:27	094SMPL.D	2205638-228 10X	Sample		1.0000
103		6/16/2022 20:35:22	095SMPL.D	2205638-229 10X	Sample		1.0000
104		6/16/2022 20:41:12	0966CCV.D	CCV	6-CCV		1.0000
105		6/16/2022 20:47:04	0976CCB.D	CCB	6-CCB		1.0000
106		6/16/2022 20:50:04	098SMPL.D	2205638-230 10X	Sample		1.0000
107		6/16/2022 20:52:58	099SMPL.D	2205638-231 10X	Sample		1.0000
108		6/16/2022 20:55:53	100SMPL.D	2205638-232 10X	Sample		1.0000
109		6/16/2022 20:58:47	101SMPL.D	2205638-233 10X	Sample		1.0000
110		6/16/2022 21:01:42	102SMPL.D	2205638-234 10X	Sample		1.0000
111		6/16/2022 21:04:37	103SMPL.D	2205638-235 10X	Sample		1.0000
112		6/16/2022 21:07:31	104SMPL.D	2205638-236 10X	Sample		1.0000
113		6/16/2022 21:13:21	1056CCV.D	CCV	6-CCV		1.0000
114		6/16/2022 21:19:14	1066CCB.D	CCB	6-CCB		1.0000
115		6/16/2022 21:22:14	1076CCB.D	IP220614-4MB 10X	6-CCB		1.0000
116		6/16/2022 21:25:15	108_LCS.D	IM220614-4LCS 10X	6-LCS		1.0000
117		6/16/2022 21:31:09	109_LCS.D	IM220614-4LCSD 10X	6-LCS		1.0000
118		6/16/2022 21:37:04	110SMPL.D	2205638-237 10X	Sample		1.0000
119		6/16/2022 21:40:00	111SMPL.D	2205638-238 10X	Sample		1.0000
120		6/16/2022 21:42:57	112SMPL.D	2205638-239 10X	Sample		1.0000
121		6/16/2022 21:45:54	113SMPL.D	2205638-240 10X	Sample		1.0000
122		6/16/2022 21:48:52	114SMPL.D	2205638-241 10X	Sample		1.0000
123		6/16/2022 21:51:48	115SMPL.D	2205638-243 10X	Sample		1.0000
124		6/16/2022 21:54:45	116SMPL.D	2205638-244 10X	Sample		1.0000
125		6/16/2022 22:00:35	1176CCV.D	CCV	6-CCV		1.0000
126		6/16/2022 22:06:29	1186CCB.D	CCB	6-CCB		1.0000

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
127		6/16/2022 22:09:29	119SMPL.D	2205638-245 10X	Sample		1.0000
128		6/16/2022 22:12:25	120SMPL.D	2205638-247 10X	Sample		1.0000
129		6/16/2022 22:15:19	121SMPL.D	2205638-250 10X	Sample		1.0000
130		6/16/2022 22:18:15	122SMPL.D	2205638-255 10X	Sample		1.0000
131		6/16/2022 22:21:10	123SMPL.D	2205638-258 10X	Sample		1.0000
132		6/16/2022 22:26:59	1246CCV.D	CCV	6-CCV		1.0000
133		6/16/2022 22:32:51	1256CCB.D	CCB	6-CCB		1.0000
134		6/16/2022 22:35:49	126SMPL.D	RINSE	Sample		1.0000
135		6/16/2022 22:38:49	127SMPL.D	RINSE	Sample		1.0000

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0213	3753.11	0.0002	5.33	0.2647	14180.49	5.6732	12908.81	-0.4419	80.00
2	RINSE	0.0169	3367.02	0.0001	4.00	0.2173	13237.48	5.7539	12895.54	-0.4093	83.34
3	RINSE	0.0116	3049.64	0.0004	10.67	0.1516	12484.72	5.7228	13005.62	-0.6397	56.67
4	BLANK	0.0000	1983.47	0.0000	0.67	0.0000	9323.76	0.0000	7655.37	0.0000	136.67
5	H/1000	0.9677	82866.98	0.0492	1212.72	1.1497	30589.72	112.8297	98517.15	10.7324	1456.80
6	H/100	9.5975	841230.06	0.5103	13125.76	9.8765	202887.17	1044.7103	878553.42	100.7228	13219.06
7	H/10	104.2215	9861772.67	5.0281	139947.07	104.6216	2228248.24	10514.6193	9488604.23	1029.0209	141558.65
8	HIGH	999.5819	1.01332E+08	49.9971	1490135.96	999.5389	22701847.98	99948.0781	93328055.28	9997.0899	1402574.51
9	RINSE	0.0450	6203.86	0.0001	2.67	0.2769	15520.52	5.8171	13455.93	-0.6214	60.00
10	ICV	211.5021	20591378.00	9.9862	285922.91	212.9618	4655916.35	20692.3882	19089964.30	1943.2026	269351.96
11	ICB	0.0438	6117.14	0.0004	11.33	0.9922	30237.96	0.3722	8189.00	-0.2217	110.00
12	LIV	2.0351	191241.31	0.0517	1416.07	15.6195	335175.86	106.5307	98822.60	10.4680	1506.81
13	ICSA	0.1080	12305.18	0.0002	6.00	0.9679	30471.80	26291.4655	22729644.66	9935.1686	1293525.50
14	ICSAB	101.6188	9725008.33	4.8219	135714.32	104.3192	2245615.26	36083.1975	31167392.87	10728.3594	1410641.91
15	CCV	101.6082	9810708.33	4.8799	138604.72	103.3918	2246662.13	10379.5670	9429833.19	1007.5113	140385.49
16	CCB	0.0345	5213.51	0.0002	5.33	0.4417	18756.01	0.4290	8355.80	-0.0153	140.01
17	2205638-180 10X	13.9578	1387096.63	0.7641	22295.90	7.5861	179217.03	226.0219	215443.19	4406.6569	634902.41
18	2205638-180L ...	2.5956	260311.19	0.1619	4731.35	1.7740	50204.79	48.2525	51871.78	926.0854	130909.72
19	2205638-180MS...	110.7919	11544738.67	5.4317	166451.17	87.8018	2060599.71	1251.9552	1199938.37	5475.9298	816400.77
20	2205638-180MS...	108.8719	11416643.33	5.3810	165945.68	91.6988	2165039.91	1279.3167	1218759.80	5443.2192	820746.29
21	2205638-180A ...	130.5911	13810439.00	5.2266	162541.56	105.7003	2514223.16	2243.8396	2160000.23	7071.1745	1070250.77
22	2205638-181 10X	14.1051	1545782.16	0.7862	25303.39	7.3389	191592.44	250.1189	259333.42	4513.4766	706451.47
23	2205638-181L ...	2.6786	286673.04	0.1644	5131.47	1.9123	56881.08	52.5962	60390.03	953.0431	143525.35
24	2205638-181MS...	108.3867	11989340.67	5.3360	173567.30	92.9378	2313745.95	1302.4169	1290492.43	5522.4562	860715.79
25	2205638-181MS...	110.0511	12131833.00	5.3876	174691.45	93.1997	2312401.16	1314.9712	1297705.32	5532.0686	870417.49
26	2205638-181A ...	129.8002	14068273.33	5.2134	166159.86	105.2438	2565188.02	2313.4905	2272441.11	7160.3029	1112890.61
27	CCV	98.8017	10176007.67	4.7853	144932.94	101.4533	2350864.63	10120.1674	9651045.07	984.8319	143366.15
28	CCB	0.0642	8194.70	0.0004	11.33	0.6425	23638.74	0.9091	8942.78	-0.2240	113.34
29	2205638-182 10X	13.4892	1486038.75	0.7673	24822.03	7.6447	200062.28	262.8521	265692.87	4778.3999	719449.39
30	2205638-183 10X	7.7005	814498.71	0.6512	20197.97	5.0614	130924.81	170.2049	177751.28	3167.7479	486970.38
31	CCV	97.5575	10214717.67	4.6748	143980.87	98.8619	2329583.45	10214.5753	9507525.69	989.1800	141434.06

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	CCB	0.0393	6281.21	0.0002	5.33	0.3761	19376.72	0.5083	9199.58	-0.0774	143.34
33	ZZZ										
34	ZZZ										
35	IM220614-1LCS...	102.2111	10063827.67	4.9276	142665.17	203.8500	4503345.10	1015.6057	912008.29	947.8024	128294.13
36	2205638-184 10X	7.3399	757748.54	0.6450	19525.86	4.9876	126089.42	166.8142	168339.52	2919.3836	434135.79
37	2205638-185 10X	10.6556	1108966.91	0.7164	21887.42	5.4870	138860.02	546.5926	534085.53	3178.8546	480118.42
38	2205638-186 10X	11.7640	1274732.13	0.7718	24549.65	5.9063	154699.93	401.2315	402041.39	3816.9686	598625.00
39	2205638-187 10X	12.0778	1274590.96	0.7371	22829.93	7.1489	179932.14	363.7707	363147.60	4143.8229	628058.73
40	2205638-188 10X	13.4247	1465455.42	0.8343	26746.27	7.3198	190309.24	448.7552	457249.68	4557.1018	709945.87
41	2205638-189 10X	7.9193	819745.34	0.7416	22512.84	4.8225	122609.56	154.3269	157134.52	5624.2100	851314.26
42	2205638-190 10X	7.9850	812175.77	0.7775	23195.74	4.5610	114509.63	164.8624	163698.75	5415.8643	810577.12
43	CCV	100.6668	9838966.67	4.8213	138528.99	100.6792	2215150.40	10179.5310	9066666.95	988.9522	135028.29
44	CCB	0.0344	4990.10	0.0001	2.67	0.4368	17846.15	0.5973	8005.57	-0.1300	116.67
45	2205638-191 10X	10.0141	1018662.25	0.6978	20834.73	3.6395	93701.28	53.1196	59132.94	3191.7065	474321.61
46	2205638-193 10X	9.7796	997046.67	0.6745	20165.94	3.9380	100641.02	47.0635	54974.98	3028.8178	461783.22
47	2205638-194 10X	10.1090	1044190.94	0.6451	19553.89	2.7249	74037.51	39.4706	45894.16	3250.7527	490574.30
48	2205638-196 10X	10.7175	1129740.66	0.6905	21348.65	2.5994	72546.92	41.6581	48116.90	3458.7136	525248.69
49	2205638-197 10X	5.8345	605034.40	0.5701	17312.16	2.9625	79675.17	28.5948	36901.78	1933.8066	288982.05
50	2205638-199 10X	5.7919	607584.19	0.5838	17942.80	2.4174	67849.83	28.8309	37159.23	1803.8555	274612.20
51	2205638-200 10X	10.0230	1070476.87	0.8029	25159.21	5.6815	147095.53	158.8013	165142.10	2839.4614	434753.77
52	2205638-201 10X	10.7362	1187426.62	0.7703	24998.92	5.8555	156606.44	173.7813	182244.80	2978.2937	468838.13
53	2205638-202 10X	12.5729	1354393.50	0.7382	23352.65	6.8964	177671.41	161.4235	163376.33	3490.9908	531552.44
54	2205638-204 10X	12.8676	1382896.13	0.7354	23215.10	6.2747	162393.64	193.1532	190459.54	3546.5290	531394.83
55	CCV	98.6094	9989856.00	4.7071	140251.22	99.0519	2258241.44	9981.6540	9212525.28	977.0751	135747.44
56	CCB	0.0214	4245.90	0.0003	8.67	0.3416	17577.04	1.5357	9433.08	-0.1345	126.67
57	IP220614-1MB ...	0.0222	4461.95	0.0003	10.00	0.1398	13759.03	1.2947	9586.54	-0.6662	56.67
58	IM220614-1LCS...	99.0849	10311669.67	4.7689	145977.59	193.4746	4520386.63	994.0830	931453.48	929.1154	131738.63
59	2205638-205 10X	11.9055	1236792.50	0.8264	25203.21	8.0683	198522.33	175.7633	169916.31	5147.9275	744432.10
60	2205638-206 10X	12.8027	1313113.37	0.8089	24368.03	8.0323	195295.74	184.5466	177630.82	4255.8434	617976.06
61	2205638-207 10X	11.0113	1122002.29	0.7151	21390.09	9.0104	216149.37	147.1944	146502.42	3584.8086	532453.00
62	CCV	97.5600	9856184.00	4.6614	138478.82	98.4843	2238319.08	10168.9538	9126223.82	983.8951	135817.92

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	CCB	0.0176	3873.80	0.0001	2.67	0.3268	17242.21	0.3922	8512.58	-0.0763	133.34
64	IP220614-2MB ...	0.0197	4018.51	0.0003	8.00	0.1598	13559.22	1.1912	9062.81	-0.3781	93.34
65	IM220614-2LCS...	100.9012	10071697.00	4.8434	142168.81	195.7472	4386939.69	1008.4010	901247.77	946.0385	128638.73
66	2205638-208 10X	11.5096	1197933.29	0.7233	22104.33	9.5542	233607.77	156.9306	159599.85	3532.7595	537418.18
67	2205638-209 10X	10.7786	1075596.71	0.7389	21644.41	8.8873	208976.72	160.3426	158368.36	3669.3554	537057.31
68	2205638-210 10X	11.6581	1202736.29	0.7851	23779.18	8.2294	200824.71	140.5790	142206.26	3957.1666	587790.38
69	2205638-211 10X	11.8074	1199913.00	0.7719	23021.53	7.6776	185274.98	142.7072	141475.16	3822.8747	559878.31
70	2205638-212 10X	10.5516	1066637.46	0.7013	20806.01	6.8288	165165.12	130.0898	127134.34	3722.9045	537453.93
71	2205638-213 10X	11.4060	1151200.75	0.7209	21366.08	7.6791	184127.89	194.8676	187782.02	4811.4135	694619.63
72	2205638-214 10X	12.1878	1238980.75	0.7381	22028.90	7.9538	191716.00	188.0382	185240.47	4184.5854	617727.60
73	2205638-215 10X	12.5707	1288074.29	0.7314	22002.85	7.4924	182646.53	162.0115	159885.20	3797.4570	561279.14
74	CCV	97.2749	9486503.33	4.6477	133278.64	98.8045	2168269.15	10040.9422	8813336.32	973.3506	131135.26
75	CCB	0.0176	3995.17	0.0001	2.67	0.3681	18710.39	0.7902	9182.96	-0.2881	110.01
76	2205638-216 10X	13.0124	1368652.54	0.7560	23348.64	7.8584	196199.48	170.1958	167802.58	3983.6028	582581.54
77	2205638-217 10X	7.9569	812488.12	0.6566	19667.39	5.1007	127306.81	98.1823	99654.84	5120.8100	754728.32
78	2205638-218 10X	8.3267	831022.71	0.7043	20617.16	5.2625	128061.50	100.0897	100257.63	4945.1775	709444.91
79	2205638-219 10X	12.0352	1194885.29	0.7626	22234.49	9.0710	212033.18	145.1612	138110.80	5060.1330	715679.99
80	2205638-220 10X	13.0570	1286250.71	0.8740	25285.40	8.7442	203295.77	163.7822	153460.09	6591.7719	929620.85
81	2205638-221 10X	13.2084	1308173.13	0.7838	22807.26	9.7526	226710.40	120.1030	120289.03	4989.7675	728775.51
82	2205638-222 10X	12.9259	1310254.38	0.7563	22510.14	7.0006	169536.46	111.5681	111730.18	4282.4440	620027.91
83	2205638-223 10X	13.9707	1423144.71	0.7424	22213.14	8.2273	198365.86	141.5696	141388.23	4206.4176	626338.70
84	2205638-224 10X	14.0375	1459824.13	0.8045	24570.33	7.0098	174209.29	151.6864	150072.41	4831.2323	718419.86
85	CCV	95.6018	9649135.33	4.5679	135661.69	95.5317	2172048.73	10064.1077	8933715.49	978.0725	132194.36
86	CCB	0.0162	3809.12	0.0003	8.00	0.2854	16685.01	0.6000	8705.95	0.1393	163.34
87	2205638-225 10X	13.8255	1431730.58	0.6981	21229.86	10.2344	248151.07	148.2009	146874.65	3873.2783	569752.78
88	2205638-225L ...	2.4726	260376.17	0.1379	4231.22	2.4214	67817.52	29.5306	36637.94	815.6054	118359.25
89	2205638-225MS...	102.4987	10787273.00	4.9470	153170.34	99.7603	2363050.39	1019.8931	981535.25	4727.0421	700576.06
90	2205638-225MS...	105.7568	10900199.33	5.0588	153320.49	106.2324	2461841.01	1066.6228	997770.20	4761.1772	703483.48
91	2205638-225A ...	129.0710	13091019.67	5.0924	151911.01	109.5091	2497366.36	2157.6155	2004920.80	6448.8538	936393.37
92	CCV	95.3722	9523620.33	4.5600	133865.40	96.4829	2167307.41	9879.1470	8949017.37	955.1173	132129.28
93	CCB	0.0321	5336.88	0.0003	8.00	0.4895	21010.85	0.4323	8579.28	0.0384	150.01

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	IP220614-3MB ...	0.0396	6010.43	0.0003	9.33	0.2749	16228.21	0.6239	8706.03	-0.5254	73.34
95	IM220614-3LCS...	96.7400	9801209.00	4.6726	139191.62	186.0632	4230764.14	1000.0560	905758.11	935.5523	127978.46
96	2205638-226 10X	13.9422	1440798.58	0.7329	22240.49	8.0374	196797.57	165.3586	162783.69	3810.7955	558761.35
97	2205638-226L ...	2.5362	262816.57	0.1537	4642.67	2.0091	57269.10	33.8051	39808.51	823.7809	115401.95
98	2205638-226MS...	107.5147	11183662.33	5.2358	160199.02	88.5601	2074311.65	1111.5350	1040553.60	4929.0555	720349.78
99	2205638-226MS...	103.9179	10641816.67	4.9997	150575.05	84.2850	1943647.49	1070.8968	1004001.52	4803.7625	705527.44
100	2205638-226A ...	127.5167	12968961.33	5.0648	151477.95	103.7864	2374029.97	2179.7856	2019962.94	6347.3655	922530.92
101	2205638-227 10X	12.8401	1290993.87	0.7608	22456.78	5.2464	128778.47	161.0889	158120.27	4503.1911	654975.39
102	2205638-228 10X	12.4760	1274406.75	0.7848	23536.25	6.8013	166343.13	167.1303	165305.07	5191.1680	770639.44
103	2205638-229 10X	11.8078	1206438.58	0.7656	22956.13	5.4193	134754.03	145.7335	145561.93	4652.5174	690946.24
104	CCV	94.7488	9325964.00	4.5540	130165.51	95.9736	2126462.48	10164.0971	8778159.04	977.3055	130366.22
105	CCB	0.0252	4644.67	0.0002	6.67	0.3721	18424.52	0.8212	8676.02	-0.0080	140.01
106	2205638-230 10X	13.3105	1366814.12	0.8041	24233.89	4.9806	125382.00	264.0555	251007.25	5885.5398	850620.79
107	2205638-231 10X	13.9447	1403597.71	0.8301	24534.29	6.2123	150625.36	275.2492	254519.14	6402.6666	903502.25
108	2205638-232 10X	13.8188	1387921.50	0.8451	24914.15	4.7672	117824.38	253.5042	239600.32	5533.8761	800838.90
109	2205638-233 10X	11.7695	1180182.42	0.8652	25485.01	3.9354	99021.98	142.0464	138887.74	5134.6729	755154.36
110	2205638-234 10X	10.1684	1018715.31	0.7400	21755.22	4.2334	105579.21	154.8437	153645.00	4673.0689	679214.24
111	2205638-235 10X	10.8408	1121495.79	0.7676	23311.29	3.5851	94020.47	156.8238	158541.84	4249.4181	639681.37
112	2205638-236 10X	11.1759	1172686.13	0.9414	28990.57	3.3084	88911.53	127.9881	129743.89	4647.6195	706614.83
113	CCV	95.3658	9191012.67	4.5252	128267.16	96.0163	2083101.93	10012.7189	8758832.79	970.8008	128901.79
114	CCB	0.0215	4317.91	0.0002	5.33	0.2970	16917.41	0.4166	8495.90	-0.0109	140.01
115	IP220614-4MB ...	0.0332	5439.57	0.0003	8.00	0.1344	13357.62	0.7452	8719.37	-0.4538	83.33
116	IM220614-4LCS...	95.7773	9568750.00	4.6186	135684.62	186.2925	4178868.86	993.2842	892135.46	928.2966	126657.75
117	IM220614-4LCS...	97.1312	9724848.33	4.6768	137683.32	188.2458	4230575.94	987.1063	900691.99	927.0532	127125.93
118	2205638-237 10X	10.2089	1011729.71	0.8398	24433.51	5.4058	130364.31	178.4925	170051.56	7033.9221	979492.62
119	2205638-238 10X	10.2702	1022628.69	0.7949	23223.13	4.9589	121048.98	201.7050	192586.33	5555.9290	793753.48
120	2205638-239 10X	5.8223	597683.56	0.6612	19882.96	2.8656	76676.85	68.0464	73867.16	2620.3407	393806.37
121	2205638-240 10X	7.7065	807929.79	0.8007	24617.08	3.4497	92056.88	98.0500	104050.67	4262.5105	653821.54
122	2205638-241 10X	5.7550	600151.71	0.6571	20079.19	2.9627	80147.20	70.1914	75880.64	2734.0729	407489.33
123	2205638-243 10X	6.8991	732685.02	0.5610	17466.31	3.4369	92923.69	100.3866	104368.90	3220.3094	485491.05
124	2205638-244 10X	10.1120	1088392.46	0.9180	28987.21	3.4304	94094.52	112.3627	119648.11	5656.7535	872860.30

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
125	CCV	92.8206	9362721.00	4.5328	132302.04	94.6059	2148496.03	9979.6365	8901927.37	962.5404	131619.08
126	CCB	0.0166	3961.83	0.0003	9.33	0.3039	17562.54	0.7842	9176.26	-0.2097	120.01
127	2205638-245 10X	9.8621	1039673.73	0.9187	28426.30	3.5629	95332.77	101.6491	105170.61	5458.6856	811782.98
128	2205638-247 10X	10.0234	1051912.79	0.8404	25892.96	4.9300	126929.44	173.8620	176497.75	2825.6639	431330.92
129	2205638-250 10X	10.0390	1050911.83	0.8654	26600.03	4.2307	110260.27	175.0360	178310.46	2770.3467	429387.17
130	2205638-255 10X	12.7863	1391760.79	0.9672	30908.58	3.8461	105333.06	115.7880	124254.01	3661.5520	581340.68
131	2205638-258 10X	12.9916	1392124.08	0.9680	30461.70	3.9858	107085.70	121.0907	128425.42	3552.9049	559228.56
132	CCV	92.1006	9417843.00	4.5035	132583.01	94.3792	2172002.62	10003.6868	9091205.28	978.0392	135282.09
133	CCB	0.0174	3932.49	0.0000	2.00	0.2959	16964.16	1.1005	9309.71	0.0292	150.01
134	RINSE	0.0362	6415.93	0.0000	0.67	0.1050	14262.78	5.9587	14970.62	-0.7613	46.67
135	RINSE	0.0276	5450.91	0.0002	7.33	0.0039	11729.71	6.2750	14993.97	-0.2402	120.01

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	-0.2685	190.01	6.5886	6654.98	-6.5777	200.74	0.0686	30.00	0.0119	285.33
2	RINSE	-0.2900	180.01	5.9003	6534.88	-8.1576	160.73	0.0704	30.00	0.0086	254.33
3	RINSE	-0.2380	203.34	4.8219	6368.19	-6.0778	214.07	0.0117	16.67	0.0086	257.67
4	BLANK	0.0000	283.35	0.0000	5144.37	0.0000	344.80	0.0000	13.33	0.0000	171.33
5	H/1000	5.0974	2250.25	55.8567	19368.77	60.7167	1758.02	2.9288	666.72	0.1137	1110.38
6	H/100	53.0702	21467.74	466.7684	129704.41	526.6314	13048.52	29.9071	6911.74	1.0280	8957.76
7	H/10	522.4419	225931.79	4719.5652	1316851.25	5082.5535	133022.11	305.6479	76297.23	10.0572	93161.53
8	HIGH	4997.7250	2235123.40	50028.3699	12785243.98	49991.4676	1351302.58	2999.4362	775163.17	99.9940	957332.12
9	RINSE	-0.3777	150.01	8.1912	7321.93	-7.6029	181.18	-0.0174	10.00	0.0101	278.67
10	ICV	1015.8549	448980.30	9659.6619	2630695.90	9791.3025	261700.97	391.9470	100055.31	19.6675	186131.67
11	ICB	-0.1571	230.01	3.0772	5874.63	-2.2037	301.73	-0.0150	10.00	-0.0012	166.33
12	LIV	10.8997	4744.21	97.7084	31640.91	102.1865	2883.06	18.8696	4460.83	0.5108	4643.34
13	ICSA	9817.3618	4063579.52	9950.5235	2520956.89	29454.0480	737124.51	202.9599	48565.79	0.0245	400.01
14	ICSAB	10209.8167	4222691.70	14395.4771	3656130.26	33941.8732	848704.34	500.2870	119600.75	10.0066	88768.57
15	CCV	519.7578	226239.37	4736.4415	1313303.91	5023.5502	132392.96	302.9911	76136.28	9.9327	92621.04
16	CCB	-0.0091	293.35	3.9394	6208.10	-2.8334	290.83	-0.0584	0.00	-0.0011	170.33
17	2205638-180 10X	8684.1199	3805120.36	2269.4080	602184.10	13227.4262	350664.99	41.3504	10487.15	29.3748	275722.22
18	2205638-180L ...	1889.8925	814045.38	448.7446	129491.56	2834.7181	74151.76	9.2823	2323.60	6.1737	57082.43
19	2205638-180MS...	10187.7099	4642019.93	2833.2505	768179.10	14664.5680	404171.44	75.4126	19872.79	41.7909	407783.74
20	2205638-180MS...	10032.8987	4543689.72	2815.7403	767882.62	14812.4965	405742.92	77.4790	20293.19	41.7507	404905.22
21	2205638-180A ...	9203.2870	4225151.81	4272.6008	1164810.35	15557.1982	432014.08	332.2547	88166.10	39.4306	387664.69
22	2205638-181 10X	8968.8447	4291698.68	2278.6973	643947.53	13995.3251	405118.06	41.0945	11381.06	30.1450	308966.41
23	2205638-181L ...	1922.8853	896640.95	446.8267	136428.58	2950.4308	83533.53	8.2294	2233.60	6.2672	62740.66
24	2205638-181MS...	10451.2986	4923600.66	2778.1822	770687.96	15091.4624	430025.23	73.5630	20042.88	42.8698	432490.32
25	2205638-181MS...	10716.9965	5028662.01	2743.0844	774937.75	15410.2398	437384.03	72.7204	19735.94	43.4984	437083.62
26	2205638-181A ...	9428.6286	4418752.02	4173.8085	1160764.18	16038.5988	454660.98	330.3634	89483.12	40.1647	403140.50
27	CCV	506.3190	231359.05	4726.6170	1359477.33	4956.9743	137080.54	294.9264	77807.15	9.8515	96431.79
28	CCB	-0.1934	223.34	4.3001	6314.76	-1.6959	326.51	0.0513	26.67	0.0023	203.67
29	2205638-182 10X	7822.2795	3655689.84	1671.5905	468629.94	19071.2474	538968.01	31.2015	8439.17	26.9471	269759.97
30	2205638-183 10X	6778.7663	3212282.97	1886.8574	537303.73	10815.1238	310079.46	70.4620	19311.97	24.7281	251006.91
31	CCV	510.5504	227699.78	4809.5068	1361860.76	5022.6513	135587.10	301.7941	77683.05	9.9861	95401.61

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	CCB	-0.1679	250.01	3.3812	6481.54	-1.4994	353.17	0.0067	16.67	0.0003	198.67
33	ZZZ										
34	ZZZ										
35	IM220614-1LCS...	493.1796	210446.11	473.7845	133837.19	1035.8986	27054.77	197.8955	48746.30	9.7428	89058.34
36	2205638-184 10X	6567.0864	3005228.71	1782.5058	492500.40	9995.3761	276806.10	66.6093	17633.55	23.3778	229200.46
37	2205638-185 10X	6993.8219	3217030.37	2909.1513	816716.26	7756.8701	216048.55	40.8547	10874.08	26.8542	264659.88
38	2205638-186 10X	7751.4539	3635401.61	1931.4965	551409.64	12025.3710	341159.88	43.1198	11701.39	25.7316	258514.11
39	2205638-187 10X	7373.8338	3435817.66	2247.7652	618617.71	10861.4714	306260.30	43.1917	11634.65	27.0388	269914.22
40	2205638-188 10X	8302.7688	3968576.92	2355.1748	660647.88	11057.5454	319791.72	46.2979	12805.52	28.8214	295069.05
41	2205638-189 10X	6974.6901	3205240.27	2133.1552	594793.10	16395.2449	455684.19	77.4479	20583.81	26.7005	262840.21
42	2205638-190 10X	7015.7214	3155891.93	2007.6286	545839.19	16163.6986	439726.60	68.3484	17783.64	26.7022	257282.07
43	CCV	515.5750	220043.45	4712.2667	1282900.14	5005.4215	129288.01	303.8966	74861.16	9.9205	90689.69
44	CCB	-0.1906	206.68	4.3691	5961.30	-2.5564	280.83	-0.0139	10.00	0.0014	180.33
45	2205638-191 10X	6688.2756	3027771.00	2352.2774	649069.37	6374.7874	174795.60	58.7867	15391.15	18.2582	177110.46
46	2205638-193 10X	6541.7135	3046662.77	2369.5799	661154.73	5799.0981	163621.15	61.2653	16505.56	17.8515	178164.88
47	2205638-194 10X	8187.8274	3679275.15	2132.8252	591666.32	5953.2156	162045.00	52.9322	13759.65	20.1189	193701.76
48	2205638-196 10X	8804.7427	3970182.86	2227.9483	623574.95	6619.5608	180753.58	55.3500	14430.26	21.1445	204284.69
49	2205638-197 10X	5487.9793	2549493.50	2056.2822	580217.14	5279.0328	148583.98	72.4680	19469.02	16.5928	165181.32
50	2205638-199 10X	5459.9889	2538347.67	1905.7060	541012.18	4125.7224	116327.42	72.9245	19602.38	17.4293	173652.19
51	2205638-200 10X	6060.9334	2849489.23	2734.0420	767297.54	9171.3300	260955.02	70.7218	19231.94	34.6898	349253.85
52	2205638-201 10X	6669.8361	3177588.91	2490.5346	710978.79	11132.8558	320953.53	61.4429	16932.61	35.5005	362239.01
53	2205638-202 10X	7650.1095	3503572.86	3898.6923	1086325.11	14885.6670	412321.89	49.1569	13022.37	36.1433	354457.89
54	2205638-204 10X	8045.4125	3622781.20	2710.0795	742381.94	18082.8242	492407.26	37.4537	9763.33	33.1117	319313.53
55	CCV	501.2038	221649.82	4674.0126	1301228.39	4863.4353	130176.55	292.6539	74700.14	9.7662	92514.14
56	CCB	-0.2382	203.34	4.3525	6411.51	-0.5626	351.02	0.0816	33.33	-0.0007	176.33
57	IP220614-1MB ...	0.0373	330.02	5.4424	6815.02	-7.3297	189.56	0.0764	33.33	0.0050	235.00
58	IM220614-1LCS...	485.4893	216135.67	467.5441	136828.16	1021.2270	27822.63	196.0668	50391.29	9.6446	91973.89
59	2205638-205 10X	6837.4122	3004497.67	2437.6742	652962.96	20409.4757	542305.92	54.6991	13906.59	37.6786	354575.00
60	2205638-206 10X	7836.2113	3436520.05	2167.4242	577240.88	19373.6144	513800.34	50.0859	12702.09	37.2360	349704.73
61	2205638-207 10X	6017.9431	2695988.29	2823.1011	766784.49	13241.4274	358840.86	89.4492	23170.44	41.1689	394942.14
62	CCV	505.5917	217414.95	4529.2797	1253418.49	5013.6947	130487.03	295.3594	73313.42	9.7987	90259.24

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	CCB	-0.2827	186.68	4.5527	6438.18	-2.0327	317.49	-0.0027	13.33	-0.0006	178.33
64	IP220614-2MB ...	0.0446	316.69	3.8152	6194.78	-5.9546	216.50	0.0122	16.67	0.0040	216.00
65	IM220614-2LCS...	496.6243	210927.73	463.0798	132943.25	1023.1928	26601.34	200.0347	49040.59	9.7459	88657.79
66	2205638-208 10X	5851.4576	2688633.19	2948.0546	811866.50	11459.7399	318618.15	92.9436	24706.26	42.8544	421690.94
67	2205638-209 10X	5861.9400	2618825.01	2965.5434	787122.59	12506.7316	338026.41	93.5065	24155.29	43.3394	414618.41
68	2205638-210 10X	6184.6669	2807989.54	2755.2058	748210.04	13830.0617	379820.60	81.9929	21528.19	38.1394	370823.54
69	2205638-211 10X	6238.0399	2778178.50	2732.2672	740107.28	12944.9569	348821.31	81.3380	20957.56	38.4086	366358.43
70	2205638-212 10X	5824.0052	2542220.17	2538.0238	675205.36	14652.8781	386882.08	78.2406	19752.61	36.3175	339489.90
71	2205638-213 10X	6547.5677	2882458.71	2733.5948	720129.91	15122.3217	402671.17	81.5108	20750.44	40.4560	381396.05
72	2205638-214 10X	6915.1729	3106749.95	2670.9719	723973.32	13589.2219	369391.56	82.3187	21394.77	40.1987	386800.25
73	2205638-215 10X	7395.7296	3303581.83	3312.6649	909398.95	11237.2751	303717.94	66.6398	17213.02	40.9939	392115.01
74	CCV	504.8108	212392.23	4521.6910	1229161.62	4982.4236	126833.70	299.4613	72700.92	9.8181	88466.10
75	CCB	-0.2675	200.01	3.0901	6354.79	-1.7364	336.78	0.0352	23.33	-0.0018	174.00
76	2205638-216 10X	7653.5747	3424351.72	3540.8977	942030.43	11965.9814	323904.70	56.3621	14583.73	38.1401	365459.12
77	2205638-217 10X	6670.3125	2957597.77	2567.9121	697141.89	14886.7425	399313.36	112.2823	28789.30	25.5118	242330.38
78	2205638-218 10X	6936.2013	3040892.14	2561.9061	677216.40	14919.0150	395597.81	97.5439	24727.15	24.9325	234147.50
79	2205638-219 10X	7284.1473	3116372.14	2865.6514	737449.21	21905.2434	566657.95	62.4235	15457.87	32.5747	298469.59
80	2205638-220 10X	7538.5238	3198870.58	2351.5089	607250.17	23950.9959	614476.75	62.8420	15421.13	31.6764	287888.62
81	2205638-221 10X	6835.9670	3040177.77	2944.1211	781886.18	15870.8943	426889.46	47.8200	12298.47	32.2769	307414.74
82	2205638-222 10X	7052.4958	3118396.83	2209.6784	589743.22	16127.7748	431337.20	50.3126	12875.48	29.4743	279180.32
83	2205638-223 10X	7916.6010	3550308.18	2703.0357	725032.57	12878.4919	349407.96	47.0884	12218.41	32.7091	314165.14
84	2205638-224 10X	7617.4537	3397829.53	2169.2574	584074.81	17089.8758	461013.47	54.0290	13946.49	30.6673	293017.62
85	CCV	504.9281	214770.20	4543.5796	1247336.62	4947.3395	127376.00	294.0058	72189.01	9.8062	89344.51
86	CCB	-0.2910	183.34	3.9965	6361.51	1.9831	418.59	0.0386	23.33	-0.0021	165.33
87	2205638-225 10X	7123.1668	3178984.64	2831.5235	770505.12	12757.0967	344411.89	53.4389	13806.53	33.7037	322120.19
88	2205638-225L ...	1500.7178	675879.96	554.8391	163736.11	2582.2674	70629.88	11.0779	2897.07	6.9081	66757.29
89	2205638-225MS...	8085.7807	3693078.28	3336.4007	900006.18	13523.5510	373636.43	99.9602	26398.75	43.6056	426480.58
90	2205638-225MS...	8386.2538	3724910.05	3345.8377	901204.10	13896.5499	373280.45	105.0994	27009.86	45.0812	428721.29
91	2205638-225A ...	7485.6512	3317118.39	4675.7733	1236844.72	14486.8710	388301.38	336.7766	86252.44	42.6959	405142.12
92	CCV	493.2553	214117.33	4516.9683	1250580.14	4812.8329	126454.10	291.0042	72915.12	9.6492	89714.05
93	CCB	-0.2675	193.34	3.0490	6121.37	-1.7794	324.70	0.0112	16.67	-0.0020	166.67

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	IP220614-3MB ...	0.1063	346.69	4.6988	6431.51	-2.5717	303.54	0.0111	16.67	0.0039	218.00
95	IM220614-3LCS...	486.6204	209414.08	460.8659	133233.47	1057.6802	27839.86	195.7557	48622.65	9.5950	88449.87
96	2205638-226 10X	6858.5520	3059052.87	2179.1529	582864.81	14790.9684	399029.15	43.9479	11341.09	33.3617	318672.32
97	2205638-226L ...	1459.1935	643412.92	431.8043	124560.62	3078.4986	82377.15	8.9465	2293.61	6.8501	64817.67
98	2205638-226MS...	8752.2381	3891294.63	2838.2344	746292.99	16156.0336	434451.11	105.0601	27006.42	46.8262	445816.97
99	2205638-226MS...	8415.5896	3745900.05	2673.2374	719696.27	15802.4489	425478.31	102.7955	26461.88	44.7557	426629.28
100	2205638-226A ...	7173.2746	3170056.52	3985.0804	1063055.53	16655.6745	445177.59	322.4785	82369.76	42.6108	403256.19
101	2205638-227 10X	7437.3301	3303002.87	2919.5602	789624.73	11529.2849	309785.49	62.0764	15945.05	37.9867	361278.57
102	2205638-228 10X	7383.6838	3310904.01	2689.4343	719372.51	15970.7063	433147.52	53.1513	13789.67	37.8697	363670.52
103	2205638-229 10X	7262.9203	3263507.24	3021.1162	816214.05	12576.3196	341841.23	67.4175	17516.72	38.7745	373105.62
104	CCV	506.9483	209794.37	4527.1107	1224532.80	4975.8108	124635.00	296.3254	70785.73	9.9051	87802.55
105	CCB	-0.1832	223.34	4.0046	6231.43	-2.8422	290.11	-0.0584	0.00	-0.0017	165.00
106	2205638-230 10X	7398.1168	3251984.33	2082.8644	557736.49	18394.2238	489002.94	57.1873	14540.29	32.5068	306047.77
107	2205638-231 10X	7544.5922	3231137.34	2112.5226	545319.87	24549.8958	635749.43	51.9959	12879.00	31.7724	291428.90
108	2205638-232 10X	8131.5746	3549215.26	2279.5549	597886.60	18429.3392	486473.65	58.6638	14803.94	35.2554	329553.97
109	2205638-233 10X	8032.0832	3527100.89	2823.7200	754232.59	16075.7900	426959.70	101.2688	25711.14	33.7340	317238.14
110	2205638-234 10X	6981.4536	3126967.56	2375.9017	637858.31	16408.4326	444520.83	97.3277	25204.52	32.1815	308717.20
111	2205638-235 10X	7331.7972	3348683.49	2459.3703	674335.72	13662.0711	377473.85	85.1708	22492.87	37.2808	364651.75
112	2205638-236 10X	7996.3660	3615841.30	2311.5004	628322.74	16006.1583	437738.04	120.0338	31380.86	37.0026	358323.19
113	CCV	497.5903	208594.55	4563.6744	1220726.96	4951.5707	125614.73	291.7349	70582.85	9.7495	87537.95
114	CCB	-0.3204	170.01	4.0095	6284.81	-2.2168	311.37	-0.0445	3.33	-0.0030	156.67
115	IP220614-4MB ...	0.1123	346.68	4.3944	6348.18	-6.2488	210.10	0.0119	16.67	0.0058	232.00
116	IM220614-4LCS...	492.0210	209969.94	464.9057	133146.18	1047.9446	27363.97	197.7952	48719.97	9.6164	87899.09
117	IM220614-4LCS...	486.7107	211001.21	466.8024	134114.73	1062.9283	28202.75	195.4755	48913.77	9.6077	89216.21
118	2205638-237 10X	7084.3408	3070527.66	2105.4628	547774.45	24366.1860	638623.21	77.0652	19311.99	29.1998	271091.60
119	2205638-238 10X	7191.7046	3141965.27	2149.4500	564512.06	19133.0962	505467.29	72.1366	18227.44	31.6193	295855.58
120	2205638-239 10X	6522.9890	2978308.40	2310.2055	630085.89	7934.2991	219269.69	102.2113	26979.74	20.6244	201736.98
121	2205638-240 10X	7470.4885	3463550.99	2685.7466	741937.44	11948.7514	335131.82	100.7297	26996.36	25.2556	250821.97
122	2205638-241 10X	6691.8762	3054022.04	2271.6815	624086.27	8373.4787	231314.58	106.4731	28094.85	22.9577	224465.64
123	2205638-243 10X	6313.3767	2873625.27	1967.7738	549419.27	9930.9732	273601.69	82.6772	21768.53	21.4837	209515.56
124	2205638-244 10X	7941.3478	3736594.22	2111.6773	580572.35	15998.0019	455282.18	93.7123	25493.97	27.6040	278205.97

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
125	CCV	498.4316	213074.05	4669.3711	1275995.27	4915.8474	127166.36	294.5813	72681.24	9.8340	90047.02
126	CCB	-0.1046	270.02	3.9161	6458.16	-0.5507	366.96	0.0762	33.33	-0.0015	176.33
127	2205638-245 10X	7756.4832	3517009.74	2106.9291	578744.72	15012.1752	411734.54	94.3401	24736.03	25.4664	247354.58
128	2205638-247 10X	8081.6545	3727148.70	4598.7171	1262000.73	9063.4197	252981.02	92.0703	24552.47	36.6825	362296.63
129	2205638-250 10X	8544.9383	3955390.46	4362.2317	1202997.04	8139.8538	228105.65	105.4689	28231.94	38.3142	379820.12
130	2205638-255 10X	8504.7120	4041506.71	2944.0555	819512.65	10027.4673	288392.36	83.3819	22920.08	34.9550	355789.43
131	2205638-258 10X	8389.9124	3953175.77	2908.0658	803028.74	9858.7471	281153.02	81.1219	22112.43	34.9861	353084.48
132	CCV	496.9691	216496.06	4705.5188	1301663.71	4963.2968	130870.97	299.3049	75225.32	9.8226	91641.20
133	CCB	-0.2585	200.01	5.4162	6805.02	0.5059	389.49	0.0643	30.00	-0.0012	176.67
134	RINSE	-0.0102	336.68	11.1887	8759.33	-8.5146	173.88	0.0529	30.00	0.0117	322.67
135	RINSE	0.0200	343.35	8.5722	8032.29	-9.0103	158.02	0.0305	23.33	0.0133	332.34

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0151	434.46	-0.0239	272.23	0.3045	10286.98	-0.0004	57.78	0.0055	77.78
2	RINSE	0.0113	394.45	-0.0246	264.45	0.2579	9789.99	-0.0002	61.11	0.0095	97.78
3	RINSE	0.0111	398.90	-0.0225	284.45	0.1392	8452.54	0.0010	84.44	0.0052	76.66
4	BLANK	0.0000	271.12	0.0000	437.79	0.0000	6744.97	0.0000	65.55	0.0000	46.66
5	H/1000	0.4673	5613.26	0.2254	2110.17	5.5206	75098.60	0.0998	1977.93	0.5782	2836.96
6	H/100	4.7073	56077.06	2.1547	17018.99	49.1005	638051.55	1.0536	21337.36	5.6726	28354.61
7	H/10	48.2257	595600.38	21.2751	177498.97	481.5628	6454810.53	10.5198	224907.52	55.2716	298608.23
8	HIGH	500.1804	5676313.94	199.8709	1722520.56	5001.8522	61572894.08	99.9475	2180627.69	499.4660	2793624.27
9	RINSE	0.0134	428.90	-0.0186	324.45	0.0087	6855.04	-0.0003	61.11	0.0057	81.11
10	ICV	99.8391	1205682.62	40.7223	346961.73	942.7030	12350741.07	20.8742	449759.69	104.5275	577393.09
11	ICB	0.0087	368.90	-0.0004	446.68	-0.0676	5784.60	-0.0009	47.78	-0.0003	46.67
12	LIV	0.9717	11952.23	0.5471	4760.75	10.2213	140062.97	0.5265	10743.64	2.2526	11544.21
13	ICSA	0.2489	3052.55	0.8128	6947.12	23929.7967	2.91538E+08	0.0544	1168.95	0.0558	338.90
14	ICSAB	50.0409	564040.72	21.6680	173128.90	23740.5883	2.90134E+08	10.2400	209459.20	53.0026	274231.75
15	CCV	48.3893	593828.48	21.0768	177041.65	479.2380	6382617.40	10.3125	223304.14	54.3686	295716.52
16	CCB	0.0026	302.23	-0.0006	451.13	0.0121	6918.43	-0.0006	55.56	-0.0007	45.55
17	2205638-180 10X	15.6797	183524.55	742.4945	6269342.39	29503.5401	3.74016E+08	14.3510	321576.31	29.0457	159234.36
18	2205638-180L ...	3.1222	38654.19	159.8479	1326463.35	5851.6558	78017098.84	3.0994	68130.51	6.2892	33911.83
19	2205638-180MS...	67.5521	808322.88	753.4751	6615061.13	30901.3032	4.00940E+08	24.3126	563689.96	81.0370	461875.83
20	2205638-180MS...	67.7263	815266.63	774.4047	6757383.48	31162.3572	4.06744E+08	24.1838	567100.58	82.1318	465259.10
21	2205638-180A ...	66.1672	797993.70	757.9795	6704646.40	30619.2090	4.00414E+08	24.3040	571993.66	81.5305	468185.19
22	2205638-181 10X	19.9656	248805.04	757.2647	6981873.34	31956.1938	4.31474E+08	15.0555	366511.40	32.8331	196560.99
23	2205638-181L ...	3.9249	51320.61	166.2406	1493606.64	6286.5074	88662588.68	3.2556	76244.53	7.0130	40948.89
24	2205638-181MS...	71.3820	873880.94	787.4355	7147889.44	32660.6669	4.33551E+08	24.8421	602224.19	84.3784	497252.45
25	2205638-181MS...	73.9413	921720.62	799.1720	7224863.88	32490.0691	4.39173E+08	24.9466	610413.60	86.6667	508637.15
26	2205638-181A ...	70.4134	866188.58	772.9606	6979937.92	32213.9654	4.29698E+08	24.7117	597331.09	85.3070	500103.18
27	CCV	48.5407	617959.11	20.6875	182414.51	477.5153	6597984.69	10.2574	232026.93	53.8770	307513.46
28	CCB	0.0102	393.35	0.0029	490.01	0.3106	10780.70	0.0006	80.00	-0.0004	47.78
29	2205638-182 10X	10.8826	134279.72	994.3093	8952861.03	35547.0878	4.74748E+08	13.9930	327654.42	32.2470	188541.19
30	2205638-183 10X	21.5231	269808.17	474.1344	4328838.72	18401.5170	2.49953E+08	6.9157	165354.49	19.6761	116675.01
31	CCV	48.5625	608707.70	21.0976	181542.32	481.3836	6548844.90	10.2615	228033.42	54.7943	305299.21

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	CCB	0.0065	373.34	0.0068	556.69	0.2351	10473.79	-0.0005	62.22	-0.0018	43.33
33	ZZZ										
34	ZZZ										
35	IM220614-1LCS...	48.5303	585495.85	10.2414	84564.29	463.9967	6075887.82	10.4298	219404.37	54.4999	290477.14
36	2205638-184 10X	33.3190	404809.31	465.8435	4107982.62	17852.3105	2.35117E+08	6.6729	154336.20	24.9304	142742.66
37	2205638-185 10X	13.0675	162155.43	577.8137	5120837.30	24132.7066	3.24248E+08	9.5525	224394.84	20.9667	120681.42
38	2205638-186 10X	11.9032	149751.21	646.2391	5839817.55	24650.3653	3.35747E+08	10.7581	262418.39	38.0696	223348.95
39	2205638-187 10X	17.7649	215612.19	727.0977	6527960.02	24987.4506	3.28540E+08	11.0196	259772.82	24.7692	144402.93
40	2205638-188 10X	27.8755	344792.84	787.4233	7251568.32	28559.3450	3.82849E+08	12.3718	299769.67	31.5314	188549.06
41	2205638-189 10X	31.7801	390397.68	565.4182	5006365.50	19163.5361	2.55174E+08	7.0357	165673.79	22.4959	129351.80
42	2205638-190 10X	27.1067	324555.53	592.3511	5134143.82	20161.5143	2.61625E+08	7.4264	172890.12	22.0901	124331.11
43	CCV	48.0412	578914.63	20.9661	172649.68	478.1755	6254028.66	10.3150	218845.88	54.4825	290476.00
44	CCB	0.0023	282.23	0.0118	516.68	0.2746	9716.62	-0.0011	43.34	-0.0006	43.33
45	2205638-191 10X	36.0468	438526.13	443.2223	3866186.93	16854.1302	2.22257E+08	6.9524	160703.29	27.2620	154408.43
46	2205638-193 10X	34.9837	430359.90	430.1409	3859836.79	16814.4059	2.24219E+08	6.8565	162601.71	26.2010	152656.63
47	2205638-194 10X	23.2028	283639.91	385.2781	3335902.16	16702.4470	2.21256E+08	7.0423	165310.62	21.7036	122028.68
48	2205638-196 10X	46.4551	572902.02	403.2484	3504188.96	17872.9995	2.38965E+08	7.6489	180670.30	33.7377	190349.80
49	2205638-197 10X	14.6915	182718.30	299.1327	2677663.23	12283.0163	1.65449E+08	4.6247	107499.46	11.4562	66601.12
50	2205638-199 10X	31.1387	389086.79	307.2886	2753348.22	12974.9449	1.75730E+08	4.8182	114092.77	20.1631	117303.52
51	2205638-200 10X	13.2730	164603.00	732.4793	6634464.74	31713.6577	4.25862E+08	9.0466	215393.08	17.2321	101375.86
52	2205638-201 10X	21.4017	269596.09	703.9375	6462136.27	35485.9343	4.84352E+08	10.2817	251701.23	24.3082	144904.67
53	2205638-202 10X	13.3542	164743.37	828.9037	7313918.04	33496.8288	4.47465E+08	11.9847	283803.69	24.3713	139642.58
54	2205638-204 10X	14.9623	181067.62	741.2590	6431375.44	34675.9154	4.54481E+08	13.1189	305719.34	27.3835	154273.82
55	CCV	47.6457	587097.84	20.5515	175362.65	474.8343	6350218.24	10.2593	221497.64	53.4190	295135.10
56	CCB	0.0071	361.12	0.0158	588.91	0.3659	11658.04	-0.0003	63.34	0.0015	57.78
57	IP220614-1MB ...	0.0230	562.24	-0.0135	368.90	0.7529	16979.43	-0.0002	66.67	0.0034	70.00
58	IM220614-1LCS...	48.4511	605224.26	10.0605	86676.17	462.1515	6265945.74	10.2997	226938.83	53.7271	298778.27
59	2205638-205 10X	16.3704	193539.76	867.4252	7343756.65	31319.5879	4.01091E+08	9.9954	224812.11	22.5010	123713.32
60	2205638-206 10X	18.3817	215814.42	830.9054	7020311.25	33228.2062	4.22610E+08	12.1405	274168.36	27.0288	148283.30
61	2205638-207 10X	19.2146	230526.55	873.2320	7537271.64	28904.2301	3.75714E+08	8.0446	185857.93	19.7309	110603.41
62	CCV	47.2025	578097.37	20.8516	173009.91	470.9185	6259726.16	10.1731	218226.77	53.8053	289052.78

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	CCB	0.0039	321.12	0.0108	552.24	0.2739	10400.39	-0.0007	53.33	-0.0017	41.11
64	IP220614-2MB ...	0.0190	498.90	-0.0105	376.68	0.5712	14170.14	0.0000	68.89	0.0031	65.55
65	IM220614-2LCS...	47.8173	585770.67	10.3488	85038.87	460.9604	6129504.49	10.3801	219350.67	54.3061	288104.16
66	2205638-208 10X	18.4633	224683.13	871.3322	7713077.19	30587.9761	4.03256E+08	7.2827	172317.58	17.9347	103127.78
67	2205638-209 10X	15.7703	185011.62	903.6880	7779064.13	28376.0484	3.60554E+08	7.1453	162673.80	16.4150	91767.95
68	2205638-210 10X	24.1768	289924.61	794.5667	6950348.75	28276.3401	3.67431E+08	7.6812	177471.34	22.1587	125877.30
69	2205638-211 10X	26.1788	313071.88	765.6379	6569936.13	28622.1708	3.70948E+08	7.9922	182048.38	24.1332	134490.10
70	2205638-212 10X	22.8980	268836.23	720.5586	6059842.40	27894.7027	3.54886E+08	7.6745	172315.84	20.8582	113926.06
71	2205638-213 10X	19.3360	224957.36	817.6315	6935072.50	29528.5193	3.72203E+08	8.6631	194547.75	21.4266	118029.63
72	2205638-214 10X	20.4531	244774.56	834.1396	7222839.16	30398.8359	3.94177E+08	9.3644	215017.38	23.2248	130554.32
73	2205638-215 10X	14.6469	177859.01	857.8524	7383239.71	31856.7129	4.18945E+08	9.7508	224157.09	20.6223	115258.05
74	CCV	46.9447	564750.27	20.7811	168664.04	467.5314	6104657.20	10.1912	213321.92	53.9688	283536.17
75	CCB	0.0028	323.34	0.0159	615.58	0.4366	13162.37	-0.0013	44.44	-0.0012	45.56
76	2205638-216 10X	16.5392	194680.07	816.1448	7035741.39	32430.7977	4.13483E+08	10.2312	232720.20	22.0389	123381.24
77	2205638-217 10X	16.4689	197427.70	497.0910	4247044.97	17673.2792	2.29477E+08	6.1093	140082.88	14.7119	81644.86
78	2205638-218 10X	23.7201	276715.49	516.8723	4366095.66	18706.8133	2.36485E+08	6.9142	154312.07	20.0113	109777.75
79	2205638-219 10X	12.0073	136615.70	755.6194	6228152.81	25268.3455	3.11246E+08	8.2488	181469.16	20.0562	107364.42
80	2205638-220 10X	11.9391	136109.23	814.2869	6657200.43	26551.0193	3.27712E+08	8.5840	188328.31	25.0202	132837.45
81	2205638-221 10X	11.5601	135743.49	796.6614	6826437.37	26298.0108	3.34270E+08	8.6390	196263.23	19.7300	109778.17
82	2205638-222 10X	10.6006	124867.15	958.7157	8168434.40	27109.9399	3.45620E+08	11.0453	248711.85	26.7044	147748.98
83	2205638-223 10X	12.0400	142696.44	863.6735	7462521.93	30907.9666	3.96624E+08	11.5206	266805.01	24.6125	138108.61
84	2205638-224 10X	11.2097	133165.25	948.1351	8148987.73	31897.1618	4.10177E+08	10.9698	253714.46	26.5384	148114.31
85	CCV	46.9272	570183.20	20.7029	169912.30	467.5796	6166131.99	10.2323	214905.15	53.6680	285176.18
86	CCB	0.0448	817.03	0.0177	608.91	0.4279	12552.29	-0.0014	41.11	0.0008	54.44
87	2205638-225 10X	11.2349	135161.92	851.4121	7320943.32	30202.0173	3.93339E+08	10.7515	245967.33	21.8686	122104.72
88	2205638-225L ...	2.2231	28455.78	181.1929	1571967.23	6041.9302	83036742.09	2.2867	51610.97	4.5687	25774.80
89	2205638-225MS...	59.1720	705325.61	832.2305	7323548.88	30933.2294	3.99804E+08	19.7634	455519.77	69.1981	395336.45
90	2205638-225MS...	60.0134	714223.17	861.6998	7374009.15	31004.6138	4.00084E+08	19.8590	456298.84	71.7235	398412.53
91	2205638-225A ...	60.0025	702434.02	848.3247	7242420.82	30542.0457	3.87677E+08	20.2643	457607.26	73.0143	404701.79
92	CCV	46.5729	570635.05	20.3625	170536.43	466.9333	6209304.28	10.0045	215047.66	52.7332	285928.46
93	CCB	0.0052	342.23	0.0076	528.91	0.4146	12411.95	-0.0011	46.67	-0.0003	48.89

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	IP220614-3MB ...	0.0250	571.13	0.0080	530.01	0.8598	17897.08	-0.0003	61.11	0.0038	70.00
95	IM220614-3LCS...	47.1312	581270.08	10.1545	84560.15	459.1823	6146671.78	10.3294	219579.39	53.4823	287524.45
96	2205638-226 10X	10.4292	123092.34	1044.6975	8976618.25	34788.3392	4.44382E+08	11.8868	271073.42	26.5400	148098.18
97	2205638-226L ...	2.0563	25505.48	227.2391	1930008.40	6905.5717	91890861.96	2.5753	56106.74	5.5695	30744.51
98	2205638-226MS...	62.1916	721810.58	1111.8270	9523762.68	37820.1178	4.75956E+08	21.7646	494659.16	78.4301	436180.94
99	2205638-226MS...	58.7553	697947.00	1063.7777	9122961.30	35678.4582	4.59532E+08	20.8599	476469.84	76.3394	425023.29
100	2205638-226A ...	58.5073	690240.39	1056.0200	8991603.25	34650.4337	4.43236E+08	21.3836	483349.08	77.6169	429048.80
101	2205638-227 10X	12.5008	149477.37	964.9352	8256447.45	30864.4032	3.99569E+08	10.7404	242981.43	21.2685	118186.08
102	2205638-228 10X	12.9175	152671.35	856.7322	7401863.87	29939.4855	3.83146E+08	10.5653	243986.79	23.5610	132194.44
103	2205638-229 10X	12.6978	151700.20	943.5416	8167943.28	30207.0154	3.90745E+08	10.1799	235150.39	20.4088	114741.25
104	CCV	46.5073	556716.64	20.9860	167566.54	466.5678	6061429.70	10.1603	210629.07	54.0653	279518.90
105	CCB	0.0056	341.12	0.0102	535.58	0.4329	12358.45	-0.0001	64.44	-0.0006	45.55
106	2205638-230 10X	11.8167	139551.00	813.0706	6886132.36	28321.4167	3.62071E+08	10.0383	225669.58	25.5222	140371.71
107	2205638-231 10X	12.2738	139727.99	817.8875	6748888.48	29529.8635	3.63965E+08	11.1255	244228.21	30.7240	164604.24
108	2205638-232 10X	13.2140	152928.23	936.2757	7873114.41	31755.0317	3.97946E+08	10.9729	246992.14	30.8027	168187.61
109	2205638-233 10X	13.4959	159313.44	783.6131	6629954.88	26439.1465	3.37954E+08	9.3985	215000.83	20.1801	110883.17
110	2205638-234 10X	17.9534	212670.04	685.5236	5915871.71	24644.0378	3.16269E+08	8.2218	185890.68	19.9036	111544.01
111	2205638-235 10X	13.5747	164336.80	860.1916	7570159.14	27344.6760	3.58450E+08	8.6179	201787.25	19.3336	110490.37
112	2205638-236 10X	14.3902	172605.30	629.0666	5480568.67	23521.0179	3.05530E+08	8.5638	202535.86	34.0893	192837.32
113	CCV	47.1536	558190.34	20.3891	164898.04	469.1215	6027487.83	10.0832	208055.64	52.7930	276437.57
114	CCB	0.0027	306.67	0.0156	588.91	0.4711	12955.61	-0.0003	62.22	0.0032	66.67
115	IP220614-4MB ...	0.0187	495.57	-0.0059	414.46	0.7848	16929.40	-0.0010	48.89	0.0094	97.78
116	IM220614-4LCS...	47.5777	581501.16	10.1472	83785.92	456.0395	6049658.24	10.2067	216407.38	53.1567	283357.55
117	IM220614-4LCS...	47.8528	586808.24	10.0845	84592.15	456.0753	6070673.87	10.3171	219843.72	53.3681	288973.68
118	2205638-237 10X	13.4531	154335.84	679.1611	5670654.50	24099.5629	2.99386E+08	8.4398	182829.01	24.6488	133662.86
119	2205638-238 10X	12.5302	145155.15	720.5304	6064980.59	24439.2094	3.06534E+08	8.7679	194836.66	27.1609	148456.23
120	2205638-239 10X	21.6565	260471.94	371.8428	3271364.10	14256.7312	1.85799E+08	5.1432	120233.16	10.9605	62629.13
121	2205638-240 10X	14.1042	172124.49	518.0555	4627656.21	18565.2667	2.45365E+08	6.6640	159032.12	15.1221	87743.96
122	2205638-241 10X	23.1835	280812.25	394.9422	3473100.70	15169.6028	1.99109E+08	5.4218	125707.74	11.0036	62861.04
123	2205638-243 10X	9.2274	113612.65	421.5337	3697363.60	16720.6584	2.22747E+08	6.5007	152455.57	12.9800	73945.57
124	2205638-244 10X	12.8923	156306.50	637.9501	5783505.88	22177.2353	2.91126E+08	8.0178	192450.98	21.7717	128180.57

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
125	CCV	47.6412	576239.35	20.5596	169573.28	472.8155	6207060.32	10.1779	216267.09	53.7102	286790.79
126	CCB	0.0056	351.12	0.0074	545.57	0.3549	11794.71	-0.0007	56.66	-0.0012	45.55
127	2205638-245 10X	13.3797	162056.16	597.6030	5220620.90	19830.5831	2.60094E+08	7.4620	172625.58	18.1985	103249.48
128	2205638-247 10X	21.4522	260698.89	847.7334	7532589.14	26033.6720	3.42810E+08	7.6521	181651.93	17.5489	101277.38
129	2205638-250 10X	25.8705	315822.42	887.3792	7914418.30	27440.7465	3.63046E+08	7.9868	192535.30	20.4287	118329.46
130	2205638-255 10X	33.1545	407593.66	860.5670	7880822.46	29414.5106	3.91963E+08	8.5343	210764.05	28.4763	169327.03
131	2205638-258 10X	35.1625	428795.03	865.6786	7860140.80	29290.7939	3.87206E+08	8.5484	209285.17	29.6566	174841.06
132	CCV	47.9422	587022.67	20.7194	174124.44	476.0896	6326963.65	10.2370	220042.97	53.6986	292174.49
133	CCB	0.0053	344.45	0.0128	580.02	0.3691	11868.21	-0.0010	48.89	-0.0029	35.56
134	RINSE	0.0187	531.13	-0.0077	455.57	0.7200	17256.51	-0.0004	65.56	0.0041	80.00
135	RINSE	0.0192	538.90	-0.0072	451.12	0.6180	15884.92	-0.0003	67.78	0.0055	86.67

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.4065	9229.40	0.0002	593.37	0.0036	8.67	0.0085	1.60	0.0035	96.67
2	RINSE	0.3641	8725.77	-0.0167	536.70	0.0010	5.67	0.0035	0.67	0.0036	96.67
3	RINSE	0.3233	8306.68	0.0127	646.71	-0.0008	3.67	0.0056	1.07	0.0034	96.67
4	BLANK	0.0000	3827.18	0.0000	616.70	0.0000	4.33	0.0000	0.00	0.0000	70.00
5	H/1000	1.0319	17773.15	2.0681	7041.92	0.1018	114.00	0.1065	20.00	0.1279	1066.75
6	H/100	10.2714	148823.95	19.6155	62885.75	1.1156	1248.05	0.9711	188.53	1.0128	8409.28
7	H/10	103.4372	1524512.55	201.1685	644272.64	10.5628	12749.00	9.9989	2022.13	10.2486	89335.46
8	HIGH	999.6535	13511656.68	1999.8869	5570113.04	99.9426	124861.53	100.0004	18592.44	99.9750	888905.79
9	RINSE	0.1767	6314.65	-0.0100	576.70	0.0022	7.33	0.0103	2.00	0.0011	80.00
10	ICV	214.4735	3087661.27	400.1242	1246961.83	20.0474	24739.06	20.1958	3995.43	19.8873	174701.58
11	ICB	-0.0729	2754.72	-0.0047	580.04	0.0031	8.00	0.0132	2.53	-0.0014	60.00
12	LIV	2.0041	32555.74	10.0147	32409.92	0.2234	259.33	1.0071	198.27	0.5314	4464.17
13	ICSA	-0.0313	3204.80	0.4423	1863.53	0.0138	20.67	0.0406	7.47	0.3178	2697.02
14	ICSAB	100.9461	1357899.15	200.8550	571385.87	10.3558	11970.40	9.9871	1843.31	10.8417	90409.40
15	CCV	103.1800	1510851.75	201.7080	639781.85	10.5478	12817.38	10.1449	2039.20	10.0228	88484.63
16	CCB	-0.1017	2395.77	-0.0065	586.71	-0.0001	4.33	0.0088	1.73	0.0025	93.34
17	2205638-180 10X	40.3314	565085.69	169.3131	521414.69	29.4605	36069.08	4.0096	767.89	195.6844	1786652.11
18	2205638-180L ...	8.0176	121303.57	34.4991	111426.47	6.2925	7573.79	0.7866	158.40	40.6945	364199.76
19	2205638-180MS...	148.4018	2117664.29	367.0683	1143678.86	39.5174	50304.11	12.9998	2547.67	216.0240	2040690.28
20	2205638-180MS...	151.7863	2179085.96	372.1784	1167092.04	40.1318	50780.95	13.2016	2602.75	211.6410	2022073.36
21	2205638-180A ...	146.1807	2102504.22	378.8764	1179935.53	40.3771	51791.06	14.2118	2807.18	202.1211	1938723.25
22	2205638-181 10X	41.5034	619174.28	182.3764	587901.88	28.0564	37509.97	4.0935	834.82	220.4150	2185783.87
23	2205638-181L ...	8.1274	130013.24	36.5344	123035.21	5.9757	7786.22	0.8128	173.07	47.1197	449314.88
24	2205638-181MS...	148.3863	2166651.16	378.8578	1193974.72	37.5409	49412.12	13.0241	2611.41	245.0989	2420576.58
25	2205638-181MS...	150.8548	2242581.09	381.0640	1211329.77	38.7800	50845.47	13.4835	2752.90	237.5492	2368347.36
26	2205638-181A ...	146.1559	2144215.47	384.1085	1216018.71	38.5770	50513.12	14.3544	2892.00	229.6210	2261442.31
27	CCV	103.5975	1573749.87	203.0726	660276.22	10.2970	13132.99	10.0868	2102.81	9.9684	91940.31
28	CCB	-0.1343	1936.81	0.0759	820.06	0.0058	11.33	0.0096	1.87	0.0068	130.01
29	2205638-182 10X	31.2028	461474.89	118.3986	378592.44	17.6830	23090.01	3.8481	776.29	241.3737	2302615.12
30	2205638-183 10X	25.6811	386981.62	153.9593	488163.29	20.9594	27749.88	2.0362	417.74	118.9073	1158175.53
31	CCV	103.3191	1545447.06	203.7329	651894.72	10.4443	13001.21	10.1509	2083.60	10.0911	91428.07

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	CCB	-0.1451	1904.59	0.0404	760.06	0.0041	10.00	0.0077	1.60	0.0058	130.01
33	ZZZ										
34	ZZZ										
35	IM220614-1LCS...	108.5231	1562293.97	197.3347	604536.41	9.6275	11466.06	9.5488	1886.64	9.9290	85167.25
36	2205638-184 10X	23.6570	345927.54	142.4706	448196.76	19.9113	25462.18	1.9504	387.87	118.2525	1114069.18
37	2205638-185 10X	44.2083	656112.40	253.0663	808259.29	31.6462	40675.48	2.9303	594.68	88.8966	850680.30
38	2205638-186 10X	37.2697	561324.96	172.1567	552593.47	22.1374	29010.39	3.1772	653.61	109.4556	1087742.12
39	2205638-187 10X	40.1983	584143.14	233.2731	731013.48	28.6024	37235.68	2.9068	577.21	100.4384	964617.77
40	2205638-188 10X	41.0971	608783.74	228.1664	727443.53	28.9755	38694.68	3.4056	689.48	107.4180	1060462.90
41	2205638-189 10X	30.2288	445819.95	228.6126	710643.53	27.0022	34671.39	2.2234	447.21	76.5168	733928.11
42	2205638-190 10X	28.3977	408406.20	208.1894	649761.40	25.6390	32221.73	2.3973	469.88	75.9736	720548.17
43	CCV	102.4511	1473351.85	196.4870	618370.10	10.3987	12385.41	10.0084	1974.92	9.9558	86128.52
44	CCB	-0.1507	1604.54	0.0465	706.72	0.0019	6.33	0.0021	0.40	0.0033	93.34
45	2205638-191 10X	17.3517	255122.98	74.2061	234177.90	10.6619	13488.60	2.6902	535.88	33.2159	312835.11
46	2205638-193 10X	17.8097	264682.12	76.5305	242823.52	10.3835	13514.29	2.6192	527.48	32.6025	314982.84
47	2205638-194 10X	18.2116	268774.87	71.4141	225513.92	10.5474	13245.07	1.9300	386.14	29.8091	285050.23
48	2205638-196 10X	20.3179	302192.62	73.7770	233534.43	10.6811	13458.91	2.0599	416.01	32.1342	309285.52
49	2205638-197 10X	11.8533	179274.24	62.9672	198633.94	7.0835	9199.28	1.8026	366.67	29.9945	283983.71
50	2205638-199 10X	11.6073	176607.44	53.5965	173632.59	7.4287	9652.55	1.9270	394.27	23.9451	230976.76
51	2205638-200 10X	51.9810	770302.09	364.2348	1156747.67	64.0264	84086.33	2.9152	591.34	101.8691	988069.80
52	2205638-201 10X	57.0163	858407.64	332.3936	1076069.75	59.1468	78727.64	3.2900	678.29	118.4616	1181448.21
53	2205638-202 10X	42.8107	631799.30	282.4827	905739.02	49.2378	62982.50	3.6968	745.89	154.5930	1491426.80
54	2205638-204 10X	43.1126	624217.44	236.7812	748863.43	37.9785	47775.61	4.3232	855.89	193.3337	1835849.14
55	CCV	102.4329	1506170.46	200.8637	636559.53	10.3161	12731.99	9.8690	1991.33	9.9626	87693.41
56	CCB	-0.1642	1533.43	0.0105	630.04	0.0044	9.67	0.0080	1.60	0.0015	86.67
57	IP220614-1MB ...	-0.1402	1907.92	0.0239	683.38	0.0052	11.00	0.0073	1.47	0.0076	140.01
58	IM220614-1LCS...	108.1085	1611318.48	196.0625	620452.79	9.4946	11796.96	9.4179	1926.52	9.7962	88011.97
59	2205638-205 10X	243.1539	3422261.95	501.7554	1556343.88	62.0955	76229.71	2.8995	560.94	118.3116	1084146.91
60	2205638-206 10X	50.3628	706935.06	316.9440	978417.95	51.1745	62696.42	3.5775	687.22	142.0185	1306577.01
61	2205638-207 10X	45.7723	657028.20	509.9507	1605493.00	72.4208	90635.55	2.4953	489.88	120.4850	1133859.02
62	CCV	102.4168	1496903.38	199.0493	626498.73	10.4664	12561.87	9.8271	1970.92	9.9322	86875.88

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	CCB	-0.1677	1475.64	0.0164	653.37	0.0043	9.67	0.0115	2.27	0.0024	93.34
64	IP220614-2MB ...	-0.1468	1762.35	0.0683	806.73	0.0030	8.00	0.0109	2.13	0.0068	130.01
65	IM220614-2LCS...	106.5762	1557963.13	196.5670	607554.83	9.6639	11454.05	9.4234	1890.38	9.8076	84520.40
66	2205638-208 10X	47.5222	691712.53	547.4552	1733044.14	82.3601	105722.41	2.4433	486.54	104.2182	1004541.18
67	2205638-209 10X	47.7964	670493.07	522.8197	1595506.90	83.8920	104711.18	2.4257	465.61	117.9330	1093748.60
68	2205638-210 10X	44.1615	633860.53	439.5623	1376433.05	63.0038	79913.64	2.6470	519.21	108.9512	1025377.41
69	2205638-211 10X	43.9826	629610.23	417.7130	1293396.36	62.7323	78056.10	2.5865	506.41	106.9046	992089.33
70	2205638-212 10X	43.3869	609743.10	379.6710	1174899.64	61.8215	75386.65	2.4167	464.41	112.2127	1026324.18
71	2205638-213 10X	46.4519	646548.80	385.9367	1173527.35	68.7912	84606.96	2.7439	522.41	120.6531	1103727.48
72	2205638-214 10X	45.2212	647630.25	403.3645	1255595.82	66.9438	84029.99	2.7269	534.28	127.6372	1193855.53
73	2205638-215 10X	43.4484	631210.16	382.2831	1202834.57	68.4742	85444.08	3.1263	621.08	114.3621	1071045.24
74	CCV	101.1307	1451928.04	199.4860	612858.97	10.4347	12248.96	9.8453	1939.45	10.0576	85858.35
75	CCB	-0.1668	1566.76	0.0862	900.07	0.0018	7.00	0.0045	0.93	0.0050	120.01
76	2205638-216 10X	44.4129	625441.64	348.7143	1066068.16	59.6617	74580.32	3.4422	662.94	120.6498	1117948.29
77	2205638-217 10X	22.4541	323961.99	187.0898	579834.78	22.4758	27846.73	2.0691	405.88	93.3045	871452.95
78	2205638-218 10X	24.7484	347222.09	176.2685	530886.39	21.3049	26096.85	2.0652	394.41	89.5453	814030.41
79	2205638-219 10X	36.7839	501080.09	279.1444	844870.17	43.3414	51803.89	2.5507	474.41	126.8702	1137070.50
80	2205638-220 10X	39.9632	545173.38	286.0457	850477.20	41.2318	48880.60	2.6837	500.28	135.8330	1214021.21
81	2205638-221 10X	39.8167	559451.35	329.9772	1018826.31	49.8052	61878.31	2.4784	475.74	122.1081	1130086.83
82	2205638-222 10X	35.3725	498866.32	297.9492	918556.37	44.1799	54582.79	2.6150	503.61	115.2842	1057654.15
83	2205638-223 10X	40.9193	580254.28	292.4249	912708.19	47.2963	59255.32	2.7263	528.28	114.9534	1084676.91
84	2205638-224 10X	42.7687	607595.86	299.1728	919293.29	47.7465	59507.59	3.0252	587.61	134.0263	1262791.02
85	CCV	100.2583	1453789.45	197.4578	617949.57	10.3613	12300.67	9.9954	1988.93	10.0144	85756.72
86	CCB	-0.1687	1478.98	0.0528	773.40	0.0066	12.33	0.0107	2.13	-0.0025	53.33
87	2205638-225 10X	43.0523	619381.59	301.1353	928597.20	52.5032	65455.85	2.9780	586.01	131.6380	1226876.94
88	2205638-225L ...	8.6021	133865.21	61.2522	198087.43	11.0166	13859.93	0.5769	119.73	27.8187	255555.84
89	2205638-225MS...	144.2557	2050529.85	483.8011	1499415.34	60.6576	77398.43	11.8475	2313.23	143.4414	1347040.24
90	2205638-225MS...	147.9029	2098989.99	493.7458	1532751.75	63.3336	78584.27	12.0419	2347.10	145.4621	1361771.59
91	2205638-225A ...	145.6843	2033897.91	495.6981	1508331.07	62.5653	77453.58	13.1852	2527.94	140.7974	1295465.09
92	CCV	99.4146	1453735.33	197.0911	618401.86	10.1610	12309.01	9.5655	1919.19	9.9318	87057.10
93	CCB	-0.1649	1538.99	0.0340	713.38	0.0028	8.00	0.0093	1.87	-0.0001	73.34

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	IP220614-3MB ...	-0.1542	1656.77	0.0661	796.72	0.0038	9.00	0.0095	1.87	0.0053	116.67
95	IM220614-3LCS...	106.6344	1569247.72	192.8159	600971.44	9.3710	11253.57	9.4629	1911.18	9.6401	83545.07
96	2205638-226 10X	47.6733	672323.01	343.3878	1061659.62	64.7054	80625.65	2.9590	571.08	141.4901	1314560.71
97	2205638-226L ...	9.4253	141636.77	70.4463	224213.95	13.6299	16787.33	0.5778	116.13	30.3739	269390.78
98	2205638-226MS...	155.7570	2155525.33	555.1158	1713066.17	78.0341	96926.71	12.2792	2334.17	161.7145	1497499.92
99	2205638-226MS...	145.9300	2067330.26	527.5253	1644892.11	75.8262	94303.21	11.8353	2302.56	152.6003	1420220.24
100	2205638-226A ...	147.4617	2074579.01	527.4589	1637463.46	74.7849	92330.88	12.6470	2443.65	150.2056	1383471.44
101	2205638-227 10X	48.2918	690213.01	389.4766	1218839.41	67.2980	83495.55	2.8746	562.14	104.6998	964993.74
102	2205638-228 10X	43.3092	612253.87	333.2206	1030108.09	58.7745	73633.76	2.8874	558.01	112.9097	1062243.76
103	2205638-229 10X	47.9063	684148.39	387.1406	1211925.48	67.6892	84968.55	2.7448	536.41	100.0155	941219.93
104	CCV	101.4121	1448727.89	196.2723	606442.35	10.3258	11926.38	9.5779	1877.45	9.9762	84318.77
105	CCB	-0.1634	1524.54	0.0273	676.71	0.0019	6.67	0.0027	0.53	0.0059	120.01
106	2205638-230 10X	41.5736	587306.92	294.2313	899951.08	50.8674	62472.97	2.8467	549.48	122.1357	1118628.08
107	2205638-231 10X	42.0188	572223.96	234.3232	703983.14	43.4505	51988.76	3.1382	584.14	130.7259	1169103.00
108	2205638-232 10X	47.4251	656184.47	337.8912	1033528.95	56.4229	68802.18	3.0365	574.81	127.3184	1167558.16
109	2205638-233 10X	40.6000	573530.84	296.3209	895882.88	42.5236	52168.29	2.7195	525.08	107.0456	997573.76
110	2205638-234 10X	40.2769	571241.71	323.1003	999405.35	40.7191	50954.83	2.4263	470.14	105.7195	973632.83
111	2205638-235 10X	44.8319	649130.24	464.1926	1457533.47	69.0394	88093.37	2.6483	524.41	101.9460	972423.66
112	2205638-236 10X	30.7843	442861.42	210.3686	652665.95	44.7290	56505.94	2.7725	544.01	97.3244	937626.00
113	CCV	99.8742	1411006.16	195.9359	601679.25	10.2046	11937.72	9.8399	1907.45	9.9205	83461.61
114	CCB	-0.1711	1426.75	0.0002	596.70	0.0044	9.67	0.0081	1.60	0.0001	73.34
115	IP220614-4MB ...	-0.1504	1711.22	0.0996	903.40	0.0048	10.00	0.0089	1.73	0.0055	120.01
116	IM220614-4LCS...	106.5952	1554612.44	195.8068	599156.89	9.4759	11285.60	9.3977	1880.91	9.6583	83495.34
117	IM220614-4LCS...	108.1167	1582011.64	195.1399	606801.28	9.3684	11331.96	9.4908	1906.11	9.8780	85813.51
118	2205638-237 10X	35.7407	491119.39	296.5348	875931.50	33.0883	40074.08	2.5038	469.88	111.7691	986337.43
119	2205638-238 10X	40.0009	554524.04	401.3678	1208106.93	41.1709	50250.43	2.5390	481.08	119.5280	1082022.43
120	2205638-239 10X	21.6660	313840.72	122.0092	377962.27	52.2649	66662.18	2.0583	405.21	88.5073	842676.65
121	2205638-240 10X	24.5863	360658.12	161.9620	502343.99	27.1684	35193.53	2.3985	478.81	98.3671	956190.66
122	2205638-241 10X	22.7763	332091.73	142.0842	440198.79	58.0061	73958.65	1.9635	389.34	95.3631	900464.83
123	2205638-243 10X	20.3823	302064.72	116.1685	362548.00	17.3777	22103.00	1.8071	363.74	100.1564	956710.85
124	2205638-244 10X	31.0172	450885.08	170.7191	527760.28	24.7830	32581.50	2.6427	523.88	107.4296	1050503.55

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
125	CCV	102.5063	1479632.40	201.5296	614833.55	10.4791	12501.50	9.7960	1940.39	9.9821	86501.16
126	CCB	-0.1704	1480.09	0.0518	766.72	0.0074	13.67	0.0033	0.67	0.0043	113.34
127	2205638-245 10X	25.5469	371738.02	156.0269	472553.71	27.0185	34230.88	2.5610	507.34	95.7082	901952.28
128	2205638-247 10X	39.8122	579424.75	406.9763	1260118.21	48.6718	62710.56	2.6602	529.08	86.2961	834609.99
129	2205638-250 10X	39.4362	576719.30	412.0575	1287578.70	51.8102	67000.14	2.6603	531.61	83.6342	821418.06
130	2205638-255 10X	40.0448	589792.36	390.6741	1223677.58	59.0176	78357.39	3.1386	631.74	85.0133	855309.65
131	2205638-258 10X	40.2057	587414.34	380.3598	1185613.63	57.8927	76217.26	3.1722	633.34	82.8883	826666.97
132	CCV	102.5826	1498956.88	201.5878	622840.22	10.3126	12534.18	9.9959	2004.26	9.9542	87231.23
133	CCB	-0.1762	1381.19	0.0648	786.72	0.0042	9.67	0.0060	1.20	0.0080	143.34
134	RINSE	-0.0247	3748.26	0.0680	823.40	0.0065	13.67	0.0070	1.47	0.0025	103.34
135	RINSE	-0.0322	3643.79	0.0513	773.39	0.0057	12.33	0.0032	0.67	0.0132	196.68

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	-0.0001	13.33	0.0122	246.67	0.0015	168.89	0.0010	4.64	0.1891	20377.37
2	RINSE	0.0003	20.00	0.0079	197.78	0.0012	163.34	0.0005	2.65	0.2051	21178.38
3	RINSE	-0.0006	3.33	0.0027	143.34	0.0017	176.67	0.0003	1.99	0.1783	20657.63
4	BLANK	0.0000	13.33	0.0000	113.34	0.0000	141.11	0.0000	0.66	0.0000	12789.14
5	H/1000	0.0206	353.35	0.0970	1180.06	0.0095	338.90	0.0312	132.55	0.7088	41900.91
6	H/100	0.2141	3660.60	1.0350	12136.97	0.1017	2380.21	0.3118	1366.87	5.0367	229866.71
7	H/10	2.0884	38537.59	10.3118	126927.70	1.0120	23342.94	3.0050	13711.46	51.5576	2331426.95
8	HIGH	19.9910	381806.41	99.9685	1255088.39	9.9988	210839.06	29.9994	125828.41	499.8437	21825716.34
9	RINSE	-0.0008	0.00	-0.0045	63.33	0.0020	184.45	0.0005	2.66	0.2285	23024.42
10	ICV	4.0204	75847.39	20.2655	251318.80	1.9795	44520.28	5.8468	26096.70	99.7918	4511463.69
11	ICB	-0.0006	3.33	-0.0011	101.11	0.0002	143.34	0.0005	2.66	0.0759	16442.62
12	LIV	0.0522	923.40	0.2064	2525.80	0.0573	1422.31	0.2033	903.78	1.1907	66003.22
13	ICSA	-0.0001	13.33	210.7695	2455536.50	0.0042	221.12	0.0033	14.24	0.2437	23348.27
14	ICSAB	2.0103	35517.39	214.7280	2526457.96	1.0065	21193.24	2.9576	12316.96	52.1253	2276004.39
15	CCV	2.0597	38263.38	10.0360	125108.33	1.0237	23460.97	2.9502	13374.70	51.0463	2319809.60
16	CCB	-0.0006	3.33	0.0035	157.78	0.0024	194.45	0.0003	1.98	0.0527	15237.98
17	2205638-180 10X	16.5905	310491.86	2.5912	33530.99	0.4024	8871.48	1.1825	5108.88	1.5792	81562.18
18	2205638-180L ...	3.4458	63372.50	0.5432	6990.52	0.0801	1973.49	0.2250	1022.68	0.3328	29081.33
19	2205638-180MS...	18.9804	369390.65	10.1996	136182.76	1.4649	32678.27	4.1809	18484.75	51.5739	2347687.41
20	2205638-180MS...	19.1291	369957.00	10.0708	136000.20	1.4756	33119.20	4.2999	19122.83	52.4709	2400339.60
21	2205638-180A ...	18.9344	371284.41	12.5215	169710.61	1.4774	33218.24	4.3494	19382.45	54.1117	2474600.75
22	2205638-181 10X	17.9914	367699.51	2.3984	33723.44	0.3562	8381.23	1.2547	5772.44	1.5824	89029.18
23	2205638-181L ...	3.6795	73261.72	0.4972	6828.21	0.0712	1874.58	0.2370	1139.38	0.3378	30834.79
24	2205638-181MS...	19.6713	395788.54	9.4396	131793.84	1.4416	32907.67	4.3297	19587.16	50.8046	2399990.12
25	2205638-181MS...	20.1293	403419.92	9.7646	137599.34	1.4388	33443.33	4.3418	19999.77	54.3764	2569092.56
26	2205638-181A ...	19.9904	400166.37	12.2162	170033.02	1.4195	32562.40	4.3635	19834.36	54.6045	2564848.29
27	CCV	2.0011	39008.70	9.9499	129600.32	0.9989	23752.45	2.9769	14001.45	49.8521	2401056.99
28	CCB	-0.0005	6.67	-0.0031	81.11	0.0013	171.11	0.0014	6.66	0.0712	16068.94
29	2205638-182 10X	18.2520	364286.28	1.6442	22283.53	0.1751	4150.60	1.3383	6091.68	0.8179	52281.80
30	2205638-183 10X	14.1901	287169.75	2.2051	30459.35	0.4472	10546.95	0.8258	3822.81	1.4374	82270.77
31	CCV	2.0078	38206.62	10.0184	128183.10	0.9941	23276.18	2.9756	13779.40	49.8166	2425738.30

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	CCB	0.0004	23.33	-0.0037	80.00	0.0009	172.22	-0.0002	-0.01	0.0485	16412.63
33	ZZZ										
34	ZZZ										
35	IM220614-1LCS...	1.9443	35386.97	10.0491	121709.56	1.0165	22903.40	2.9819	13291.63	49.5200	2271551.94
36	2205638-184 10X	14.5267	283947.76	2.1729	29037.73	0.3710	8507.97	0.7808	3504.89	1.6688	89948.78
37	2205638-185 10X	15.2094	298812.41	2.9636	40177.15	0.6628	15393.20	1.3191	6040.56	1.3395	76038.44
38	2205638-186 10X	17.0526	341568.64	2.1921	30898.89	0.4379	10360.19	1.0953	5084.47	1.1779	69930.48
39	2205638-187 10X	15.4416	307309.22	2.8076	38208.13	0.5815	13232.34	1.2768	5721.31	4.4337	218514.05
40	2205638-188 10X	18.3928	375460.19	2.8557	39945.74	0.7769	17975.98	1.3915	6358.04	2.1744	117175.79
41	2205638-189 10X	14.9673	293760.97	2.8230	38368.43	0.6251	14395.57	1.1653	5287.12	2.6650	138222.97
42	2205638-190 10X	15.4892	297563.33	2.6715	35911.60	0.6057	13598.19	1.1930	5276.03	2.2725	118179.55
43	CCV	2.0189	36759.82	10.0091	122276.92	0.9948	22392.74	2.9741	13240.87	49.8537	2293536.74
44	CCB	-0.0002	10.00	-0.0046	60.00	0.0018	171.12	0.0008	3.99	0.0774	15418.21
45	2205638-191 10X	15.8138	305727.66	1.1881	15924.78	0.0888	2150.18	0.3816	1715.86	1.2087	68814.97
46	2205638-193 10X	14.9098	296537.59	1.0179	14019.63	0.0803	1980.16	0.3904	1774.73	1.3419	75532.32
47	2205638-194 10X	13.6422	261803.85	0.7445	10188.95	0.0844	2057.94	0.3410	1539.75	1.6406	89817.64
48	2205638-196 10X	14.8040	285101.47	0.9624	13211.19	0.0984	2400.22	0.3467	1580.12	1.2188	71089.08
49	2205638-197 10X	12.8452	254848.36	0.7337	9941.00	0.0630	1601.22	0.3820	1754.47	1.6332	90393.82
50	2205638-199 10X	13.3298	264699.51	0.8223	11329.75	0.0523	1360.08	0.2897	1337.61	0.9785	60303.89
51	2205638-200 10X	14.8044	297221.15	6.5812	90256.62	2.0232	46658.75	1.7834	8161.24	1.8876	103900.09
52	2205638-201 10X	14.7964	301064.52	5.8027	81853.94	1.8929	44381.19	1.6762	7796.55	1.3374	79204.35
53	2205638-202 10X	15.7450	307932.39	4.5999	62794.36	1.0986	25271.46	1.6674	7589.66	1.3638	78604.17
54	2205638-204 10X	15.8664	305119.57	3.4610	46532.23	0.8010	18116.06	1.4566	6506.12	1.0990	65568.19
55	CCV	1.9517	36833.83	9.9810	124079.53	1.0015	23053.67	2.9340	13357.44	49.4462	2372729.23
56	CCB	0.0007	26.67	-0.0047	63.33	0.0000	143.34	0.0012	5.99	0.0449	15211.32
57	IP220614-1MB ...	0.0001	16.67	-0.0060	48.89	0.0005	156.67	0.0004	2.66	0.1971	22951.37
58	IM220614-1LCS...	1.9264	36593.13	9.8344	124757.84	1.0040	23424.11	2.8987	13377.39	49.2313	2371347.83
59	2205638-205 10X	14.2677	267757.34	6.3297	82011.48	1.5898	34994.36	2.0893	9117.93	1.7528	94075.82
60	2205638-206 10X	15.9772	299187.54	5.1600	67150.62	1.2451	27244.71	2.0040	8687.16	1.1613	65812.77
61	2205638-207 10X	14.0233	268282.37	7.4597	99254.89	2.0605	45995.77	2.5116	11125.51	1.5539	85694.88
62	CCV	1.9898	36509.60	9.8797	122020.72	0.9897	22643.03	2.9575	13382.32	48.8540	2306785.85

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	CCB	-0.0001	13.33	-0.0051	57.78	0.0015	176.67	0.0011	5.33	0.0355	15124.62
64	IP220614-2MB ...	0.0003	20.00	-0.0069	36.67	0.0000	142.22	0.0012	6.00	0.2186	22844.77
65	IM220614-2LCS...	2.0340	36856.90	9.9753	121373.49	0.9945	22759.87	2.9313	13266.96	49.1900	2309521.79
66	2205638-208 10X	13.7951	270721.52	8.3681	114024.34	2.2179	50201.64	2.6311	11820.55	1.9558	105456.83
67	2205638-209 10X	13.5356	258230.85	8.2966	108771.77	2.0242	44173.72	2.4936	10799.00	3.3830	166017.72
68	2205638-210 10X	15.0336	291499.07	6.3219	84137.95	1.7640	39382.34	2.2771	10086.99	2.0797	110088.78
69	2205638-211 10X	15.0127	285589.89	6.0774	79753.63	1.7931	39924.82	2.2227	9815.88	1.5880	86391.47
70	2205638-212 10X	13.6715	254892.43	6.2814	81238.57	1.7529	38315.33	1.9928	8639.72	1.3785	76614.92
71	2205638-213 10X	14.2563	268023.71	6.5680	84966.77	1.8028	39041.58	2.1701	9321.07	8.4744	394326.23
72	2205638-214 10X	14.6034	280182.61	6.4292	85037.08	1.6976	37830.82	2.2809	10080.20	1.4154	78011.23
73	2205638-215 10X	15.7008	299490.44	6.1602	81589.24	1.5912	35973.18	2.0346	9118.63	2.0823	109773.61
74	CCV	2.0094	36061.54	10.0027	120557.25	0.9816	22061.13	2.9049	12911.41	50.2720	2317318.87
75	CCB	-0.0003	10.00	-0.0051	60.00	0.0012	177.78	0.0014	7.33	0.0277	15177.95
76	2205638-216 10X	15.9126	304085.30	5.4652	71635.46	1.4156	31040.60	1.8242	7926.28	1.2889	72813.96
77	2205638-217 10X	14.5456	275464.97	2.3339	30905.60	0.4862	10950.61	0.7873	3483.35	1.4663	81921.36
78	2205638-218 10X	14.5405	272240.22	2.3089	29763.49	0.4754	10429.14	0.8136	3505.47	1.4396	77937.73
79	2205638-219 10X	15.1325	276449.01	4.1072	52095.94	1.1519	24425.74	1.6356	6867.07	3.7345	180738.21
80	2205638-220 10X	17.0066	308212.94	4.3457	54962.25	1.2739	27054.43	1.7457	7342.33	8.9335	410024.53
81	2205638-221 10X	14.4993	275373.12	4.6012	60253.12	1.2700	27780.12	1.7534	7597.27	10.2513	482498.12
82	2205638-222 10X	16.2483	306880.02	4.1508	53898.62	1.1851	26003.76	1.9653	8539.04	1.4717	80993.14
83	2205638-223 10X	15.8378	303344.38	4.3324	57849.91	1.2580	27776.79	1.7639	7714.22	1.2104	69642.18
84	2205638-224 10X	18.7612	357442.00	4.0505	54021.15	1.3034	28835.27	1.7978	7878.67	1.7817	96983.15
85	CCV	1.9972	36245.16	9.9397	120196.92	0.9811	22270.30	2.9440	13216.37	48.8529	2328741.63
86	CCB	0.0007	26.67	-0.0056	53.34	0.0007	161.11	0.0007	4.00	0.0186	14587.45
87	2205638-225 10X	15.1220	288196.87	4.5277	59716.94	1.4170	31731.95	1.6098	7143.76	1.1887	68357.34
88	2205638-225L ...	3.1366	60311.81	0.9355	12261.49	0.2836	6823.80	0.3114	1458.87	0.3561	31459.30
89	2205638-225MS...	16.7548	326815.13	11.9447	158517.77	2.4563	54488.09	4.4828	19743.38	48.4020	2272274.76
90	2205638-225MS...	17.2859	327800.57	12.2204	161670.87	2.5828	57199.49	4.6131	20284.41	50.3431	2331694.13
91	2205638-225A ...	17.0147	321997.45	14.2919	185798.16	2.4545	53474.46	4.6995	20328.07	52.4427	2397650.96
92	CCV	1.9895	36847.02	9.7408	120554.46	0.9757	22329.27	2.9198	13219.01	48.7059	2306039.34
93	CCB	0.0007	26.67	-0.0045	65.56	0.0016	181.11	0.0001	1.33	0.0389	15451.63

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	IP220614-3MB ...	-0.0001	13.33	-0.0058	48.89	-0.0003	135.56	0.0000	0.66	0.1903	22243.63
95	IM220614-3LCS...	1.9918	36563.13	9.8324	120338.40	0.9715	22384.87	2.8782	13114.92	48.8654	2310123.40
96	2205638-226 10X	16.3678	311784.81	5.2797	69394.54	2.0002	43880.77	2.1739	9463.36	1.2412	70837.70
97	2205638-226L ...	3.3845	63717.94	1.1362	14348.82	0.4050	9370.67	0.4414	2002.06	0.2421	25632.06
98	2205638-226MS...	19.1404	363452.27	13.2261	173067.71	4.2452	91604.09	5.2329	22440.89	50.7919	2330857.62
99	2205638-226MS...	18.4434	350674.80	12.8560	169055.29	3.0604	67624.79	5.0982	22377.80	48.2461	2239675.96
100	2205638-226A ...	18.3305	345967.90	15.1767	197492.21	2.9990	65817.42	5.2317	22804.93	51.9070	2393853.40
101	2205638-227 10X	15.1863	288028.48	6.1753	80487.01	1.5614	34748.38	2.3424	10334.15	1.2474	70144.64
102	2205638-228 10X	15.6505	299720.53	5.4806	72918.74	1.3008	28641.63	1.8264	7964.19	1.4552	80366.69
103	2205638-229 10X	14.7928	283869.88	6.0514	80537.73	1.4648	32578.21	2.2733	10021.28	1.4337	80252.57
104	CCV	2.0393	36008.43	9.9452	118706.84	0.9880	22093.34	2.8885	12775.48	49.0696	2294834.81
105	CCB	0.0015	40.00	-0.0050	57.78	0.0011	165.56	0.0006	3.32	0.0360	15478.33
106	2205638-230 10X	14.9726	281147.71	4.7674	61775.63	1.8139	39836.75	1.7632	7681.83	1.4184	78949.03
107	2205638-231 10X	16.4157	300233.01	3.8430	48656.30	0.9123	19384.35	1.4721	6183.78	1.2462	69267.02
108	2205638-232 10X	16.1599	301218.07	5.0864	65989.12	1.2207	26327.58	2.1891	9348.30	1.7551	93314.15
109	2205638-233 10X	16.8743	316479.01	4.3573	57466.61	0.9173	20214.18	1.4494	6313.63	2.5136	128598.18
110	2205638-234 10X	14.6004	279308.18	4.0249	52468.27	0.9603	21232.13	1.3739	6008.00	3.1286	157039.79
111	2205638-235 10X	15.0668	293877.80	6.2747	84644.98	1.4654	33032.31	2.3189	10359.74	2.4956	129834.44
112	2205638-236 10X	17.5302	338530.95	12.0663	164263.78	0.7446	16702.33	1.0637	4709.15	8.7309	422664.46
113	CCV	1.9811	35430.33	9.9110	117755.88	0.9943	21987.67	2.9691	12985.07	49.9648	2296187.36
114	CCB	0.0011	33.33	-0.0040	70.00	0.0004	151.11	0.0004	2.66	0.0124	14393.88
115	IP220614-4MB ...	-0.0005	6.67	-0.0058	50.00	0.0003	147.78	0.0002	1.33	0.1868	22153.47
116	IM220614-4LCS...	1.9895	36218.94	9.8590	120361.58	0.9704	22159.05	2.8759	12986.16	48.8558	2303743.40
117	IM220614-4LCS...	1.9434	35944.65	9.8210	120494.33	0.9854	22574.07	2.8816	13056.87	48.2936	2308333.45
118	2205638-237 10X	15.4043	285145.91	3.5493	44347.05	0.6860	14727.00	1.2476	5281.88	3.1445	153092.88
119	2205638-238 10X	15.5845	290768.01	4.2560	54522.93	0.9149	19782.56	1.5106	6456.64	1.5889	84816.71
120	2205638-239 10X	14.6735	286127.40	1.5193	20555.70	0.3460	7859.84	0.7622	3385.69	1.5449	86005.74
121	2205638-240 10X	17.0593	337779.05	2.5726	35442.85	0.4159	9555.23	0.8270	3724.96	2.1135	114445.62
122	2205638-241 10X	14.2854	278448.87	1.8539	24851.80	0.3853	8802.59	0.8187	3662.00	1.3880	79726.58
123	2205638-243 10X	12.9176	251116.36	1.8477	25056.54	0.2402	5625.53	0.6091	2765.79	1.2824	75372.63
124	2205638-244 10X	19.2483	386794.77	2.9649	41066.20	0.4781	10886.13	0.9491	4245.87	4.8790	246771.04

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
125	CCV	1.9909	36305.91	9.7597	119383.27	0.9865	22290.36	2.8667	12810.13	49.7607	2345877.88
126	CCB	0.0019	50.00	-0.0059	50.00	0.0002	153.33	0.0003	1.99	0.0191	14927.74
127	2205638-245 10X	18.6801	361732.22	3.2363	43195.23	0.4183	9536.33	0.9000	4022.93	1.5420	85734.48
128	2205638-247 10X	16.9774	334382.39	4.2124	57647.25	1.2638	28630.56	2.1459	9628.64	2.0820	113082.82
129	2205638-250 10X	17.6445	348803.86	4.5853	63715.51	1.1967	27249.20	2.2215	10015.60	2.2489	121179.36
130	2205638-255 10X	22.7060	460820.49	5.1011	72605.56	1.5490	35483.19	2.2931	10412.97	1.6726	94437.71
131	2205638-258 10X	23.5943	474823.10	5.1363	72466.94	1.5316	34808.45	2.3039	10378.31	2.5967	136843.61
132	CCV	2.0001	37170.93	9.8552	121973.23	0.9747	22297.04	2.9045	13138.78	49.2615	2343597.46
133	CCB	0.0027	63.33	-0.0059	50.00	0.0004	154.45	0.0003	2.00	0.0210	14610.69
134	RINSE	-0.0003	10.00	-0.0035	83.34	0.0000	151.11	0.0006	3.32	0.1495	21972.87
135	RINSE	-0.0005	6.67	-0.0057	55.56	0.0010	175.56	0.0006	3.33	0.1746	23181.30

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0046	133.34	-0.0018	30.00	-0.0001	33.33	-0.0005	213.34	0.0001	36.67
2	RINSE	0.0059	144.45	-0.0041	23.33	-0.0005	20.00	-0.0005	216.68	0.0000	26.67
3	RINSE	0.0040	128.89	-0.0100	6.67	-0.0003	26.67	-0.0001	286.68	0.0000	33.33
4	BLANK	0.0000	91.11	0.0000	33.33	0.0000	40.00	0.0000	306.69	0.0000	23.33
5	H/1000	0.0322	392.23	0.1160	350.02	0.0287	1113.43	0.0360	6311.55	0.0292	5961.40
6	H/100	0.3226	3295.95	1.0884	3100.46	0.2770	10837.61	0.2932	50608.09	0.2966	61871.42
7	H/10	3.1515	33188.44	10.5301	32168.00	2.8493	114251.69	3.0006	522240.83	3.0004	634305.42
8	HIGH	29.9846	321528.84	99.9461	315799.64	30.0153	1101914.33	34.1343	5365940.96	33.9181	6480073.45
9	RINSE	0.0005	97.78	-0.0022	30.00	-0.0006	16.67	-0.0002	270.02	0.0000	23.33
10	ICV	6.1827	65547.26	20.2546	63233.68	5.9844	235470.82	6.1126	1042323.21	6.2597	1297068.18
11	ICB	-0.0017	75.56	0.0114	66.67	-0.0002	33.33	0.0005	380.03	0.0002	60.00
12	LIV	0.1095	1184.51	0.5537	1633.49	0.0495	1963.55	0.0495	8993.08	0.0492	10524.03
13	ICSA	0.0073	166.67	0.0220	100.01	0.0031	150.01	0.0038	913.41	0.0006	140.01
14	ICSAB	3.1173	31413.80	10.6245	31075.72	3.0117	108198.16	3.1153	501919.02	3.1286	612309.37
15	CCV	3.0925	32992.57	10.5134	32341.97	2.8676	113375.29	2.9839	515504.70	2.9893	627301.59
16	CCB	-0.0011	83.34	0.0007	36.67	0.0000	40.00	0.0000	306.69	0.0002	73.34
17	2205638-180 10X	0.4307	4845.27	170.9064	529130.62	26.6850	1015995.98	57.7811	9833020.27	6.4708	1338859.30
18	2205638-180L ...	0.0877	1047.83	36.0060	109560.65	5.3005	210890.03	12.1339	2177838.41	1.3181	287494.05
19	2205638-180MS...	1.1694	13425.89	198.9846	640574.35	31.6141	1226150.09	64.4294	11284208.16	13.6010	2896808.91
20	2205638-180MS...	1.2021	13956.36	195.0404	624077.66	30.5901	1204950.16	63.9271	11150635.25	13.6842	2900825.89
21	2205638-180A ...	3.3770	39166.69	177.5316	575850.52	30.4218	1195248.08	63.5789	11081236.50	10.4707	2218279.13
22	2205638-181 10X	0.3980	4874.15	169.5140	573116.20	28.9940	1172572.48	64.5565	11622057.74	7.6507	1673889.56
23	2205638-181L ...	0.0820	1051.16	35.6518	117454.11	5.7968	239729.04	12.8762	2418507.05	1.4413	328950.77
24	2205638-181MS...	1.0714	12870.96	215.6538	717797.41	32.8023	1289813.65	69.0811	12304108.57	14.2172	3077220.89
25	2205638-181MS...	1.1184	13558.24	206.2409	683781.21	33.2490	1321754.41	69.0671	12447900.23	14.2927	3130892.66
26	2205638-181A ...	3.2516	38725.66	180.8811	599005.69	32.1138	1285659.67	68.0060	12060998.15	10.9441	2359369.45
27	CCV	3.0421	33911.19	10.2311	33026.75	2.8548	115645.58	3.0220	545121.05	3.0196	661701.61
28	CCB	-0.0040	54.45	0.0095	63.34	0.0000	40.00	0.0006	390.02	0.0002	63.34
29	2205638-182 10X	0.2397	2866.97	116.0289	383135.68	22.9401	893574.28	50.3728	9032141.53	5.9050	1286866.80
30	2205638-183 10X	0.4362	5232.07	189.1706	633317.11	30.2370	1208221.33	66.3812	11989483.99	7.4392	1633378.78
31	CCV	3.0761	33677.33	10.2861	32411.78	2.8614	114348.16	3.0119	541610.34	3.0074	656970.27

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	CCB	-0.0033	66.67	-0.0016	33.33	0.0007	70.00	0.0006	420.03	0.0003	96.67
33	ZZZ										
34	ZZZ										
35	IM220614-1LCS...	3.0650	31767.80	10.0066	30163.82	2.9487	112112.53	3.0648	530101.36	5.9623	1252826.49
36	2205638-184 10X	0.4421	5132.02	173.0136	559396.67	29.1398	1134890.35	64.0142	11417056.91	7.2587	1573573.88
37	2205638-185 10X	0.6450	7549.71	189.2422	615189.87	30.5920	1196520.71	63.1289	11272312.75	7.3717	1600139.09
38	2205638-186 10X	0.3982	4881.94	197.1123	653110.76	28.1016	1127774.62	62.3675	11240904.00	7.5104	1645621.75
39	2205638-187 10X	0.5687	6694.84	189.3285	623287.70	30.8667	1202489.54	65.0405	11426694.83	7.5687	1616345.70
40	2205638-188 10X	0.5610	6787.12	218.4849	737807.54	35.4898	1409840.29	75.8608	13772356.04	8.7289	1926069.40
41	2205638-189 10X	0.6624	7769.82	176.0043	571444.06	33.1345	1299987.92	68.6455	12188236.90	7.9855	1723425.34
42	2205638-190 10X	0.6106	7089.49	182.7202	580726.20	33.6725	1304697.01	71.4193	12628124.81	7.9597	1710715.08
43	CCV	3.0945	32349.08	10.4439	31483.16	2.8837	111823.55	2.9670	517030.33	2.9550	625397.63
44	CCB	-0.0041	50.00	0.0088	56.67	0.0004	50.00	0.0012	483.37	0.0001	46.67
45	2205638-191 10X	0.2349	2773.61	95.1810	304441.69	33.3801	1287137.92	76.5557	13449523.13	8.6830	1854219.61
46	2205638-193 10X	0.2462	2976.99	92.5278	304493.14	33.3581	1304670.01	77.5946	13713813.55	8.7527	1880684.19
47	2205638-194 10X	0.2487	2973.66	96.3424	305887.91	26.7640	1041755.11	58.8792	10358376.31	6.8238	1459136.54
48	2205638-196 10X	0.2403	2899.20	101.6031	323721.05	27.3137	1065962.62	63.7663	11440469.83	7.1739	1564581.07
49	2205638-197 10X	0.2115	2521.36	90.6720	297573.74	27.7852	1088651.57	65.3087	11695104.41	7.2309	1574711.49
50	2205638-199 10X	0.1973	2404.67	83.6347	274774.42	28.2430	1118777.28	68.3528	12358243.98	7.3821	1622427.68
51	2205638-200 10X	1.4637	17222.92	153.7911	510759.87	44.4862	1739107.42	80.7685	14552699.78	9.1556	2005497.26
52	2205638-201 10X	1.2628	15299.86	164.6106	554129.69	37.6541	1504556.13	70.5177	12994214.39	7.9863	1788078.88
53	2205638-202 10X	1.0862	12745.34	166.1324	537482.54	32.3398	1263903.86	64.3814	11585881.91	7.3483	1606900.29
54	2205638-204 10X	0.7350	8520.21	150.7053	479399.42	26.5592	1030735.74	55.3238	9929975.90	6.3371	1381959.46
55	CCV	3.0769	32728.64	10.2654	32074.37	2.8539	111222.55	3.0029	533016.87	3.0060	648380.36
56	CCB	-0.0040	55.55	0.0004	36.67	-0.0001	36.67	0.0002	333.35	0.0002	70.00
57	IP220614-1MB ...	-0.0034	62.22	-0.0078	13.33	0.0002	46.67	0.0007	436.69	0.0003	80.01
58	IM220614-1LCS...	2.9858	32411.36	9.9904	31416.33	2.9408	114499.89	3.0306	546483.48	6.0384	1323328.86
59	2205638-205 10X	1.2607	14030.88	173.9829	540155.46	35.6202	1317699.82	65.7048	11610340.66	7.3656	1581982.43
60	2205638-206 10X	0.9838	11018.46	177.5325	550070.75	33.1014	1245054.38	64.1946	11178373.58	7.3317	1552112.27
61	2205638-207 10X	1.4760	16854.75	167.9874	531679.94	45.8812	1755563.99	80.8887	14422788.12	8.6768	1880424.81
62	CCV	3.0032	31743.35	10.3500	31436.71	2.8431	110631.75	2.9293	520070.03	2.9672	639832.91

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	CCB	-0.0045	50.00	-0.0009	33.33	-0.0004	23.33	0.0001	336.69	0.0003	86.67
64	IP220614-2MB ...	-0.0051	43.33	-0.0076	13.33	0.0002	46.67	0.0004	373.36	0.0002	66.67
65	IM220614-2LCS...	3.0560	31820.25	9.8636	29589.51	2.9528	111981.59	3.0348	529007.01	5.9406	1257941.54
66	2205638-208 10X	1.6576	19375.47	162.1736	526508.18	50.1473	1937235.96	87.6087	15821109.35	9.2682	2034432.52
67	2205638-209 10X	1.7494	19662.49	165.9617	523868.83	50.3866	1881657.73	87.4175	15321305.60	9.2958	1980291.79
68	2205638-210 10X	1.2582	14383.43	170.6103	547258.88	45.9358	1761971.80	82.5453	14789135.20	9.0286	1966204.55
69	2205638-211 10X	1.1744	13246.85	175.3793	551904.03	43.4838	1651482.74	79.4228	14101970.21	8.7880	1896197.47
70	2205638-212 10X	1.2698	14106.48	146.6003	452095.49	38.4676	1435546.02	71.0876	12639019.39	7.8468	1695850.44
71	2205638-213 10X	1.2910	14343.42	169.1553	526150.54	42.4144	1577445.39	74.8374	13018746.89	8.2560	1745585.08
72	2205638-214 10X	1.2225	13893.00	195.6808	621246.21	41.9599	1613634.45	75.5395	13437447.72	8.3593	1807154.03
73	2205638-215 10X	1.2391	14096.48	183.6706	579701.33	41.3137	1597148.00	75.0629	13454343.97	8.4566	1842532.42
74	CCV	3.0624	31588.61	10.3019	30598.07	2.8296	107755.95	2.9633	514914.54	2.9535	623471.29
75	CCB	-0.0050	46.67	-0.0013	33.33	0.0003	53.34	0.0006	426.70	0.0003	93.34
76	2205638-216 10X	1.1112	12519.59	191.0644	604006.24	38.5310	1440421.33	72.1639	12863281.48	8.0060	1734796.33
77	2205638-217 10X	0.5208	5967.87	174.3521	546239.18	32.7713	1244969.88	68.4427	12240656.49	7.9081	1718448.78
78	2205638-218 10X	0.4715	5270.95	169.3625	524576.22	32.0615	1200316.31	67.8795	11785697.32	7.9557	1678708.10
79	2205638-219 10X	0.9031	9861.04	178.6293	539921.83	36.3518	1341553.42	71.8161	12446710.65	8.1553	1717964.45
80	2205638-220 10X	0.7975	8694.75	178.5279	535229.20	36.4610	1343310.14	73.0108	12572210.23	8.3305	1743494.82
81	2205638-221 10X	0.9155	10317.99	195.9508	615708.03	35.5283	1336057.53	68.2658	12170598.57	7.6200	1651347.06
82	2205638-222 10X	0.7770	8696.98	169.0480	528141.68	33.7687	1262986.94	69.3816	12259553.15	7.8954	1695554.87
83	2205638-223 10X	0.8611	9903.28	209.9162	665065.72	33.9155	1290397.77	68.1393	12128630.24	7.6546	1656312.58
84	2205638-224 10X	0.7834	9004.95	163.3211	514741.05	38.0683	1440153.62	78.3936	13901118.54	8.9481	1928205.13
85	CCV	3.0819	31890.33	10.0319	30140.63	2.8458	109256.12	2.9536	524654.71	2.9597	638736.79
86	CCB	-0.0068	26.67	0.0048	50.00	0.0008	70.00	0.0003	366.69	0.0000	13.33
87	2205638-225 10X	1.0511	11920.23	186.7605	588827.61	34.0503	1285254.36	66.6803	11678031.08	7.5262	1601951.90
88	2205638-225L ...	0.2190	2530.24	38.9018	123760.99	6.7583	265859.37	13.7291	2515785.85	1.3918	310028.64
89	2205638-225MS...	1.6513	18803.70	209.8240	677066.34	38.9148	1480040.50	70.5919	12520452.73	13.4829	2906887.77
90	2205638-225MS...	1.6838	19112.95	218.0533	684183.53	38.2666	1447568.36	69.9953	12454238.98	13.6796	2957947.56
91	2205638-225A ...	3.9321	43726.49	198.1241	620274.68	37.2895	1398015.45	68.8998	12101717.74	10.5799	2257981.74
92	CCV	2.9869	31633.20	9.9486	30504.46	2.8499	109917.34	2.9513	520026.15	2.9498	631353.17
93	CCB	-0.0048	47.78	-0.0020	30.00	-0.0002	33.33	0.0002	340.02	0.0002	63.33

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	IP220614-3MB ...	-0.0040	54.44	0.0037	46.67	0.0022	120.01	0.0035	920.08	0.0004	100.01
95	IM220614-3LCS...	3.0150	31577.50	9.9153	30133.58	2.9206	111565.11	2.9620	525223.47	5.7729	1243653.63
96	2205638-226 10X	1.2108	13668.32	151.3730	476999.38	36.8818	1375511.91	71.8602	12706342.73	8.1760	1756910.91
97	2205638-226L ...	0.2590	2869.19	31.1870	97135.84	7.3144	281839.47	14.8751	2732459.96	1.5380	343386.22
98	2205638-226MS...	1.7691	19857.19	166.7855	523921.28	43.0077	1594639.87	78.5840	13864837.71	14.5687	3124552.66
99	2205638-226MS...	1.7170	19371.08	152.0474	478192.81	40.1656	1531520.34	72.9911	13086813.55	13.7813	3004267.25
100	2205638-226A ...	4.1383	46056.23	165.0667	515376.80	41.4183	1549445.65	75.6533	13419408.97	11.2363	2422144.03
101	2205638-227 10X	1.1853	13275.78	158.8553	498442.66	39.0827	1475135.19	72.8722	12848202.73	8.0918	1733766.49
102	2205638-228 10X	1.2015	13733.95	167.3506	530188.50	39.9585	1494900.50	75.3671	13433888.13	8.3842	1816462.53
103	2205638-229 10X	1.2631	14435.67	159.0540	504922.16	39.1939	1492138.62	72.7780	13014596.89	8.0065	1740043.88
104	CCV	3.0946	31605.27	10.2986	30107.28	2.8130	106831.84	2.9030	517777.01	2.8854	625226.83
105	CCB	-0.0075	18.89	-0.0005	33.33	0.0004	53.34	-0.0002	280.02	0.0002	60.00
106	2205638-230 10X	0.8727	9739.83	125.6750	390361.81	31.8122	1182436.08	62.7087	11124118.17	6.9898	1506839.66
107	2205638-231 10X	0.8316	9070.51	132.0741	399643.21	31.1849	1132667.33	63.7449	11124297.75	7.4117	1571516.54
108	2205638-232 10X	0.9222	10301.31	134.2794	414075.19	36.0956	1344157.27	72.1209	12622431.06	8.1982	1744304.98
109	2205638-233 10X	0.7559	8600.25	192.2409	596349.81	39.8267	1488812.37	78.8868	13806557.71	9.0090	1916308.56
110	2205638-234 10X	0.7376	8293.42	149.8032	474108.77	35.7191	1329815.24	70.6487	12349611.90	8.0219	1704384.24
111	2205638-235 10X	1.1890	13781.78	163.1388	526426.92	42.7531	1640395.13	78.9162	14117558.96	8.6374	1878429.97
112	2205638-236 10X	0.8361	9820.99	197.8442	632056.81	47.7108	1798502.68	91.0994	16338088.51	10.2440	2233173.46
113	CCV	3.0992	31505.10	10.3372	30604.58	2.8178	106731.55	2.9082	509552.36	2.9337	624505.94
114	CCB	-0.0058	36.67	0.0095	63.34	0.0004	53.33	0.0007	440.03	0.0003	93.34
115	IP220614-4MB ...	-0.0046	48.89	-0.0018	30.00	0.0004	53.33	0.0006	423.36	0.0001	36.67
116	IM220614-4LCS...	3.0139	31485.02	9.8990	29836.48	2.9344	110702.72	2.9859	531963.48	5.8371	1263076.65
117	IM220614-4LCS...	3.0543	32068.56	9.8042	30026.99	2.9539	112153.23	2.9983	532967.92	5.8916	1272156.57
118	2205638-237 10X	0.7331	7900.99	161.7365	495309.19	34.3778	1237549.98	71.3842	12208189.40	8.1820	1700388.46
119	2205638-238 10X	0.7626	8427.93	174.6949	539203.17	35.5862	1299055.11	70.9432	12397559.82	8.0070	1700643.21
120	2205638-239 10X	0.4495	5268.74	151.6200	489137.60	33.1706	1267782.84	71.1883	12794342.31	8.2910	1810812.21
121	2205638-240 10X	0.5253	6268.00	179.7202	588679.87	41.1436	1576609.66	82.6756	14937725.20	9.7078	2131913.41
122	2205638-241 10X	0.5609	6493.66	161.1145	519508.47	32.6770	1241588.11	70.5402	12629188.14	8.1626	1776575.75
123	2205638-243 10X	0.3145	3731.61	136.0346	437494.52	25.5358	979094.05	59.9502	10625364.84	6.2136	1338684.98
124	2205638-244 10X	0.5368	6439.18	192.3778	639555.44	41.6446	1571195.91	86.5329	15629586.44	9.9605	2186057.83

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
125	CCV	3.0810	32250.03	10.4464	31536.78	2.8721	108621.21	2.9633	522326.76	2.9600	633881.55
126	CCB	-0.0050	46.67	0.0031	46.67	0.0003	50.00	0.0005	413.36	0.0003	83.34
127	2205638-245 10X	0.4924	5702.23	185.7751	595147.99	41.2906	1540134.41	85.6880	15176622.27	9.7911	2107856.27
128	2205638-247 10X	1.1313	13300.24	205.8736	670789.52	46.2565	1746156.90	87.0048	15759203.51	9.5294	2097878.56
129	2205638-250 10X	1.2112	14451.24	213.2605	697481.29	47.8999	1831991.75	90.2023	16283168.92	10.0020	2194591.95
130	2205638-255 10X	1.0573	12941.04	205.6384	690508.06	60.9466	2328995.02	117.1776	21193072.18	13.0532	2869419.54
131	2205638-258 10X	1.0414	12636.37	206.2606	686668.17	64.3456	2440788.45	122.7468	21977818.00	13.5962	2959070.06
132	CCV	3.0611	32416.99	9.9542	30624.68	2.9436	112401.89	3.0004	530279.47	2.9871	641308.05
133	CCB	-0.0072	23.33	0.0113	70.00	0.0000	36.67	0.0010	480.03	0.0003	93.34
134	RINSE	-0.0014	88.89	0.0040	53.34	0.0009	73.34	0.0016	610.04	0.0000	33.33
135	RINSE	0.0004	106.67	-0.0030	30.00	0.0003	50.00	0.0014	573.37	0.0001	53.33

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	-0.0004	16.67	0.0003	21.43	0.0081	1860.15	0.0040	146.67	0.0001	3.33
2	RINSE	-0.0006	10.00	0.0002	19.05	-0.0003	1473.44	0.0035	125.56	0.0002	8.89
3	RINSE	0.0003	46.67	0.0001	16.19	0.0001	1536.78	0.0030	111.11	0.0002	10.00
4	BLANK	0.0000	33.33	0.0000	12.86	0.0000	1560.12	0.0006	22.22	0.0000	1.11
5	H/1000	0.0323	1230.11	0.0013	55.24	0.0550	4170.44	0.0206	764.48	0.0095	431.13
6	H/100	0.2777	10394.02	0.0183	650.97	0.5254	27915.20	0.0850	3223.81	0.0954	4515.22
7	H/10	2.8482	110650.70	0.1964	7052.19	5.0719	262907.97	1.0014	39333.47	0.9762	47488.64
8	HIGH	30.0154	1085206.83	2.0004	65686.32	49.9925	2360041.46	9.9997	432636.62	10.0024	445580.74
9	RINSE	-0.0002	23.33	0.0002	18.57	-0.0073	1193.42	0.0038	142.22	0.0003	15.56
10	ICV	5.9612	230852.49	0.3885	13681.59	9.7269	493369.96	1.8525	72610.78	1.9599	93560.57
11	ICB	-0.0005	13.33	0.0003	24.28	-0.0081	1160.07	0.0008	27.78	0.0001	4.44
12	LIV	0.0489	1923.54	0.0084	306.67	0.2088	12019.32	0.0193	732.25	0.0107	507.80
13	ICSA	0.0010	66.67	0.0011	47.14	0.0100	1940.15	0.0043	150.00	0.0003	14.44
14	ICSAB	2.9272	106763.14	0.2061	6630.57	5.1481	239060.96	1.1875	41649.75	1.0089	43965.29
15	CCV	2.8081	108455.75	0.1988	7039.33	5.1141	261348.84	1.0341	40256.97	0.9837	47170.94
16	CCB	0.0002	40.00	0.0000	13.81	-0.0072	1196.75	0.0008	28.89	0.0001	4.45
17	2205638-180 10X	24.4659	907067.93	0.3368	11479.24	54.3080	2658686.02	8.3050	381220.89	2.1142	97679.56
18	2205638-180L ...	4.9462	194007.10	0.0693	2477.36	10.7746	552400.28	1.8360	74159.62	0.4161	20085.13
19	2205638-180MS...	28.9345	1104991.23	0.5580	19366.04	62.6465	3124084.29	9.9248	479362.38	3.2733	154051.23
20	2205638-180MS...	28.1617	1085066.55	0.5579	19664.52	62.8408	3182541.93	9.9268	482553.28	3.2337	154555.39
21	2205638-180A ...	28.5458	1097991.26	0.5616	19745.09	61.7285	3118174.65	9.5456	456746.42	3.1587	150583.32
22	2205638-181 10X	26.9940	1070073.58	0.3599	13030.54	50.4414	2623164.83	9.1910	451163.70	2.1663	106308.04
23	2205638-181L ...	5.4470	219448.92	0.0704	2616.44	10.1190	539359.13	2.0436	86606.50	0.4272	21435.97
24	2205638-181MS...	30.0866	1183803.26	0.5638	19843.33	56.5625	2859890.77	10.5918	525518.21	3.2498	155073.89
25	2205638-181MS...	31.1092	1222951.67	0.5768	20521.83	58.8332	3007424.18	10.6846	535841.33	3.2484	156706.75
26	2205638-181A ...	30.5260	1193714.54	0.5663	20288.21	55.7878	2871846.17	10.2190	505000.26	3.1655	153774.21
27	CCV	2.8121	113894.24	0.1980	7182.73	5.0133	262551.77	1.0145	40461.92	0.9431	46339.53
28	CCB	0.0000	33.33	0.0003	23.81	-0.0020	1436.77	0.0013	45.56	0.0003	13.34
29	2205638-182 10X	22.5879	898633.61	0.3856	13442.79	26.7899	1342674.56	8.1438	386407.39	1.8541	87639.86
30	2205638-183 10X	25.5545	1014675.09	0.2203	7886.91	49.5509	2546187.74	6.3305	284802.29	1.4013	67953.15
31	CCV	2.8584	114800.95	0.1972	7058.87	4.9966	258163.89	1.0262	40299.36	0.9668	46868.98

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	CCB	0.0002	43.33	0.0003	24.29	-0.0057	1330.10	0.0009	33.33	0.0002	11.11
33	ZZZ										
34	ZZZ										
35	IM220614-1LCS...	2.9022	111735.73	0.2022	6883.54	5.0261	247011.22	0.9824	36869.15	0.9935	45822.14
36	2205638-184 10X	24.6433	952596.63	0.2147	7490.03	47.2148	2364553.21	6.4477	288616.98	1.3471	63661.62
37	2205638-185 10X	25.1924	982962.72	0.3066	10738.70	84.6994	4258889.53	5.1718	227544.96	1.9743	93701.02
38	2205638-186 10X	25.7499	1022744.39	0.3147	11307.24	59.5445	3072257.95	6.5755	301374.14	2.2341	108792.34
39	2205638-187 10X	25.4535	989128.79	0.3215	11214.29	79.0784	3960352.10	5.2264	225898.11	1.9654	92902.12
40	2205638-188 10X	29.5577	1176557.12	0.3479	12376.64	71.5039	3652337.42	7.0092	322684.86	2.1698	104598.58
41	2205638-189 10X	27.0237	1047024.46	0.2642	9282.96	93.0275	4692301.47	4.7797	202539.13	2.2170	105551.44
42	2205638-190 10X	27.3935	1064807.67	0.2733	9481.18	85.7181	4269652.25	5.1474	221138.35	2.0885	98190.83
43	CCV	2.8230	109485.54	0.1942	6745.86	5.0277	252070.69	0.9978	38501.06	0.9588	45116.82
44	CCB	0.0003	43.33	0.0003	20.95	-0.0037	1283.42	0.0012	43.33	0.0001	5.55
45	2205638-191 10X	28.6999	1111185.61	0.1729	5976.00	35.4454	1757941.70	5.7026	250894.25	0.9115	42645.31
46	2205638-193 10X	29.3191	1144789.64	0.1742	6107.00	36.8764	1855264.52	5.3318	233603.72	0.8871	42108.21
47	2205638-194 10X	23.5244	923565.69	0.1780	6210.86	28.6195	1433190.53	4.8842	210459.84	0.8075	38143.12
48	2205638-196 10X	24.6469	967272.59	0.1933	6761.11	28.6784	1439901.31	5.3015	231548.27	0.8713	41260.36
49	2205638-197 10X	24.2701	950701.21	0.1409	4949.90	29.6636	1495151.33	5.6005	245547.29	0.7297	34690.09
50	2205638-199 10X	24.9890	982351.11	0.1363	4840.82	22.4786	1145905.10	5.3628	239864.02	0.7683	36934.13
51	2205638-200 10X	30.8107	1208252.64	0.3935	13768.81	284.2552	14282020.73	6.9385	317762.04	2.1984	104282.91
52	2205638-201 10X	27.1318	1090373.55	0.4120	14738.32	285.6271	14670182.80	7.3733	347973.12	2.2799	110561.61
53	2205638-202 10X	24.7787	973744.18	0.3854	13482.37	157.3386	7904242.96	7.0716	327981.78	2.1650	102679.66
54	2205638-204 10X	23.4878	912626.81	0.3686	12804.15	116.8112	5827839.31	7.7451	360301.02	2.2209	104598.05
55	CCV	2.8744	113067.13	0.1998	6974.06	5.0808	256033.35	1.0124	39363.38	0.9724	45989.38
56	CCB	0.0011	73.34	0.0002	20.95	0.0018	1620.12	0.0012	45.56	0.0002	8.89
57	IP220614-1MB ...	0.0000	33.33	0.0001	17.14	-0.0022	1423.44	0.0010	37.78	0.0003	14.44
58	IM220614-1LCS...	2.8705	114533.15	0.2087	7278.02	5.0509	254227.75	0.9485	36752.23	0.9601	45345.22
59	2205638-205 10X	24.4633	941927.09	0.3890	12881.84	231.7294	11018385.20	6.9403	310418.84	2.4243	108826.92
60	2205638-206 10X	25.3486	954641.97	0.4301	14480.45	174.8700	8453826.49	7.5140	339241.09	2.6586	121332.46
61	2205638-207 10X	29.0668	1115661.78	0.3979	13629.65	244.6730	12032896.49	6.7162	303213.88	2.4401	113292.92
62	CCV	2.8092	110707.49	0.1953	6806.37	4.9935	251213.45	1.0146	39175.17	0.9604	45348.66

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	CCB	0.0011	76.67	0.0003	22.38	-0.0005	1510.11	0.0006	23.34	0.0002	10.00
64	IP220614-2MB ...	0.0002	40.00	-0.0001	10.00	-0.0016	1413.43	0.0014	52.22	0.0003	13.33
65	IM220614-2LCS...	2.9077	112013.98	0.2085	7083.15	5.1193	251020.70	0.9650	36531.60	0.9870	45416.58
66	2205638-208 10X	29.9633	1166043.21	0.4080	14106.76	302.1238	14999370.50	6.0806	271610.88	2.4497	114819.23
67	2205638-209 10X	30.7733	1153953.53	0.4114	13752.63	267.5079	12839570.43	6.1950	267560.42	2.5720	116551.22
68	2205638-210 10X	30.0618	1159826.93	0.3908	13419.46	257.2558	12682043.35	6.6987	300651.45	2.2879	106483.61
69	2205638-211 10X	29.3071	1120958.81	0.3971	13501.43	256.6371	12527049.61	6.6191	293169.09	2.2811	105118.82
70	2205638-212 10X	26.1330	1007156.21	0.3815	12746.95	244.5783	11734262.49	6.4385	283727.97	2.3353	105776.66
71	2205638-213 10X	27.6883	1036582.43	0.3908	13013.38	226.6789	10836685.52	6.5172	282721.19	2.4505	110593.40
72	2205638-214 10X	27.7373	1065664.49	0.3909	13456.16	216.4269	10696807.45	6.5278	289991.29	2.4383	113776.51
73	2205638-215 10X	27.7597	1093802.36	0.3827	13244.06	191.2277	9501649.96	6.3057	281578.87	2.4185	113447.31
74	CCV	2.7989	108143.62	0.1958	6682.02	5.0355	247992.04	1.0257	38663.97	0.9558	44174.89
75	CCB	-0.0002	26.67	0.0003	24.28	0.0111	2160.19	0.0011	40.00	0.0000	3.33
76	2205638-216 10X	27.2501	1045735.11	0.3692	12357.10	178.2566	8568307.63	6.8057	299030.88	2.3353	105965.87
77	2205638-217 10X	26.7288	1046554.07	0.2198	7480.49	73.8363	3606194.92	5.1299	218746.30	1.3925	64190.12
78	2205638-218 10X	27.0159	1020127.95	0.2273	7622.97	64.1797	3089250.58	5.6178	235759.85	1.4732	66924.54
79	2205638-219 10X	27.2159	1022330.01	0.3338	11029.39	155.1271	7358900.51	5.8365	247615.15	1.9302	86448.85
80	2205638-220 10X	27.9791	1050333.99	0.3396	11202.86	188.0846	8906693.51	6.1783	259751.65	2.0376	91091.13
81	2205638-221 10X	25.4961	985335.90	0.3580	12051.14	175.5374	8484945.86	1.6756	64731.81	2.0410	93143.88
82	2205638-222 10X	26.6323	1026691.03	0.3292	11020.81	163.0899	7840168.63	6.6353	292694.55	2.0987	95246.62
83	2205638-223 10X	26.2413	1017410.85	0.3868	13174.00	162.5371	7950115.82	5.5347	240257.82	2.2178	102405.15
84	2205638-224 10X	30.4386	1168666.44	0.4232	14330.34	205.8580	10009860.42	9.1211	426277.80	2.2989	105544.41
85	CCV	2.8350	111664.26	0.1981	6813.03	4.9824	247285.36	1.0142	38931.12	0.9659	44980.69
86	CCB	0.0002	43.34	0.0002	18.57	0.0084	1946.83	0.0011	42.22	0.0003	13.33
87	2205638-225 10X	24.7359	954473.87	0.3725	12587.79	190.5018	9242196.11	5.4326	232364.11	2.0696	94793.33
88	2205638-225L ...	5.1050	202858.31	0.0752	2656.92	36.9195	1867718.36	1.1272	44772.38	0.4171	19908.18
89	2205638-225MS...	28.6788	1100086.13	0.5594	19040.83	199.5209	9753738.56	6.8159	303706.82	3.0642	141415.25
90	2205638-225MS...	29.2217	1116571.70	0.5812	19674.54	203.8610	9913382.41	7.1464	321598.25	3.1631	145208.94
91	2205638-225A ...	28.1786	1077324.88	0.5891	19761.78	195.4687	9418735.70	6.4629	280202.05	3.1162	141759.62
92	CCV	2.8582	111691.68	0.1970	6807.32	4.9905	248856.69	1.0114	38918.98	0.9495	44428.04
93	CCB	0.0001	40.00	0.0002	18.57	0.0080	1930.14	0.0008	30.00	0.0000	1.11

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	IP220614-3MB ...	0.0016	96.67	0.0001	17.14	0.0046	1713.47	0.0012	43.33	0.0002	8.89
95	IM220614-3LCS...	2.8357	110497.19	0.2057	7038.86	5.0106	247450.41	0.9393	35835.53	0.9757	45210.53
96	2205638-226 10X	27.5361	1054191.91	0.4588	15316.53	289.3035	13867897.19	7.5164	339917.96	2.5369	114817.17
97	2205638-226L ...	5.5564	223244.08	0.0903	3124.63	57.3532	2841480.18	1.6829	66882.63	0.5007	23411.15
98	2205638-226MS...	31.7542	1220628.16	0.6965	23107.08	307.2787	14641749.57	9.1104	427562.42	3.5675	160503.94
99	2205638-226MS...	30.3782	1168008.21	0.6724	22943.46	291.0902	14266424.79	8.9180	420964.83	3.4120	157883.43
100	2205638-226A ...	31.2695	1198933.50	0.6883	23040.31	295.9810	14230971.66	8.5572	398701.17	3.5768	162355.59
101	2205638-227 10X	26.6776	1031096.73	0.3793	12816.07	204.1682	9904886.21	6.5935	294978.62	2.4398	111742.61
102	2205638-228 10X	28.2262	1082388.34	0.3700	12390.95	178.9704	8606300.76	7.4562	336664.80	2.3782	107967.69
103	2205638-229 10X	26.4377	1037095.01	0.3656	12459.10	184.7189	9039116.69	6.6584	298481.55	2.3828	110077.96
104	CCV	2.7612	108616.61	0.1972	6709.18	5.0350	247215.20	0.9992	37855.12	0.9520	43857.36
105	CCB	0.0000	33.33	0.0003	23.81	0.0129	2106.84	0.0012	45.55	0.0001	3.33
106	2205638-230 10X	23.4876	911346.78	0.3394	11294.35	168.6161	8056639.57	6.3839	277574.93	2.1762	98162.22
107	2205638-231 10X	25.7128	970653.14	0.3450	11217.16	133.1380	6215438.27	7.5153	330189.14	2.1926	96628.91
108	2205638-232 10X	27.9351	1052293.66	0.3828	12758.86	193.0173	9238237.83	7.2599	322760.99	2.3275	105164.30
109	2205638-233 10X	30.4222	1158680.43	0.3245	10860.22	130.3933	6265196.28	7.5059	331850.51	2.0469	92841.74
110	2205638-234 10X	26.9497	1030951.81	0.2997	9991.98	131.4120	6288954.86	5.1422	218979.64	2.0661	93351.00
111	2205638-235 10X	29.0205	1124096.83	0.3606	12383.79	191.5262	9445011.53	6.6981	301455.60	2.5681	119559.66
112	2205638-236 10X	34.1713	1337907.85	0.3250	10966.49	104.9225	5084107.89	8.2497	381094.40	2.1873	100051.62
113	CCV	2.8162	107535.84	0.1957	6639.14	5.0158	245613.59	1.0273	38718.40	0.9439	43369.29
114	CCB	-0.0001	30.00	0.0003	22.86	0.0171	2323.54	0.0013	48.89	0.0001	6.67
115	IP220614-4MB ...	0.0005	53.33	0.0002	18.10	0.0142	2143.50	0.0009	33.33	0.0002	11.11
116	IM220614-4LCS...	2.8388	111917.15	0.2044	6905.94	4.9553	241697.40	0.9443	35377.74	0.9700	44386.80
117	IM220614-4LCS...	2.8201	111278.51	0.2044	6949.77	4.9942	245161.49	0.9315	35443.46	0.9670	44543.91
118	2205638-237 10X	27.1313	1002135.17	0.2954	9521.68	119.3545	5523020.41	5.3787	220075.99	1.9533	85322.36
119	2205638-238 10X	27.6654	1030728.39	0.3215	10507.58	131.2796	6158699.39	5.5206	231071.03	2.1011	93057.63
120	2205638-239 10X	28.0588	1104153.45	0.1962	6715.84	67.9026	3335903.49	3.7264	152841.49	1.8041	83658.00
121	2205638-240 10X	32.7056	1283016.46	0.2479	8507.72	67.7615	3338363.93	6.1755	270705.56	1.9074	88691.89
122	2205638-241 10X	27.3694	1074521.36	0.2001	6813.52	74.4943	3639066.30	4.0037	165523.67	1.8010	83038.70
123	2205638-243 10X	22.6403	880730.28	0.1959	6728.23	55.1282	2718041.56	7.0680	318770.36	1.1667	54280.21
124	2205638-244 10X	34.4508	1365201.70	0.2804	9474.02	83.6829	4059314.71	7.7867	354293.80	1.8602	85176.11

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
125	CCV	2.8114	110013.16	0.1964	6652.96	4.9722	243139.11	0.9893	37004.99	0.9435	43293.57
126	CCB	0.0006	56.67	0.0003	23.81	0.0141	2210.20	0.0010	37.78	0.0003	15.56
127	2205638-245 10X	32.8980	1263207.27	0.2706	9039.47	71.1496	3412253.81	6.8542	298491.42	1.9681	89083.87
128	2205638-247 10X	31.8519	1263089.23	0.3355	11339.15	205.3594	9965427.66	2.3619	93332.59	2.2734	104153.08
129	2205638-250 10X	32.9389	1294473.83	0.3423	11719.47	213.0993	10474974.58	2.8425	114909.41	2.4173	112175.47
130	2205638-255 10X	46.9410	1839586.43	0.4409	15083.91	210.6903	10349045.42	10.4633	514395.74	2.5326	117436.17
131	2205638-258 10X	48.4288	1907274.97	0.4340	14735.48	208.8192	10180471.82	8.8710	418092.38	2.4329	111976.76
132	CCV	2.8483	110651.27	0.1991	6810.18	4.9929	246490.28	1.0012	37930.88	0.9475	43888.58
133	CCB	0.0007	60.00	0.0004	25.24	0.0138	2146.84	0.0010	35.55	0.0001	5.55
134	RINSE	0.0008	66.67	0.0003	23.33	0.0147	2240.18	0.0085	318.90	0.0000	3.33
135	RINSE	0.0001	40.00	0.0001	16.67	0.0081	1913.49	0.0063	237.79	0.0002	8.89

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
1	RINSE	6492246.78		3702968.80	100.0	314554.64	100.0	1656509.30	100.0	129146.71	100.0
2	RINSE	6472401.15		3750851.09	100.0	312138.42	100.0	1678743.31	100.0	128301.09	100.0
3	RINSE	6735171.77		3842471.71	100.0	319010.31	100.0	1715463.83	100.0	129692.35	100.0
4	BLANK	6615021.78		3797743.59	100.0	319396.41	100.0	1616622.58	100.0	122522.69	100.0
5	H/1000	6422725.11		3669200.67	96.6	312576.49	97.9	1576318.41	97.5	121882.65	99.5
6	H/100	6707291.36		3814610.78	100.4	329192.26	103.1	1614771.96	99.9	126120.72	102.9
7	H/10	7265175.73		4014264.11	105.7	348390.64	109.1	1710526.38	105.8	136399.36	111.3
8	HIGH	7776931.76		4037582.96	106.3	355635.28	111.3	1774140.60	109.7	141229.55	115.3
9	RINSE	6991500.73		3909911.71	103.0	327226.77	102.5	1736469.40	107.4	133358.32	108.8
10	ICV	7471632.18		4084719.11	107.6	351276.25	110.0	1752044.61	108.4	139516.21	113.9
11	ICB	7024142.60		3938882.96	103.7	321822.25	100.8	1705600.81	105.5	126147.60	103.0
12	LIV	7132787.39		3966879.11	104.5	330667.44	103.5	1684017.58	104.2	128902.98	105.2
13	ICSA	7210799.89		3933465.36	103.6	330230.33	103.4	1722254.24	106.5	130736.52	106.7
14	ICSAB	7339925.10		3923217.34	103.3	333313.76	104.4	1730648.73	107.1	130639.14	106.6
15	CCV	7404255.30		4090300.04	107.7	352908.93	110.5	1746215.70	108.0	137355.00	112.1
16	CCB	6952167.19		3887760.67	102.4	330711.83	103.5	1649155.86	102.0	127972.57	104.4
17	2205638-180 10X	7603590.72		4121420.56	108.5	365263.24	114.4	1748706.07	108.2	138395.15	113.0
18	2205638-180L ...	7624296.55		4204976.19	110.7	357956.27	112.1	1791130.86	110.8	136034.03	111.0
19	2205638-180MS...	7991310.09		4323352.75	113.8	377887.85	118.3	1839367.37	113.8	143902.56	117.4
20	2205638-180MS...	8039749.67		4290853.79	113.0	382180.55	119.7	1818573.67	112.5	143051.01	116.8
21	2205638-180A ...	8105800.09		4394210.04	115.7	383743.21	120.1	1838144.19	113.7	145014.03	118.4
22	2205638-181 10X	8386338.62		4525021.91	119.2	396745.57	124.2	1931719.30	119.5	151121.90	123.3
23	2205638-181L ...	8140250.92		4454097.64	117.3	381370.52	119.4	1868673.25	115.6	147266.74	120.2
24	2205638-181MS...	8479845.92		4532119.62	119.3	395149.62	123.7	1894898.10	117.2	148789.21	121.4
25	2205638-181MS...	8452312.58		4521843.89	119.1	398817.61	124.9	1912833.51	118.3	148204.48	121.0
26	2205638-181A ...	8307703.63		4475745.66	117.9	393998.87	123.4	1908830.75	118.1	148054.00	120.8
27	CCV	7900929.88		4327033.16	113.9	368677.94	115.4	1850507.94	114.5	144168.34	117.7
28	CCB	7204084.47		4000789.94	105.3	332438.88	104.1	1710408.57	105.8	130743.61	106.7
29	2205638-182 10X	8431411.95		4444132.64	117.0	381629.36	119.5	1959484.45	121.2	147598.95	120.5
30	2205638-183 10X	8089223.42		4491981.18	118.3	389628.94	122.0	1917828.25	118.6	149675.36	122.2
31	CCV	8033920.92		4362682.33	114.9	362130.37	113.4	1861710.44	115.2	140689.29	114.8

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
32	CCB	7729204.26		4266514.73	112.3	358216.14	112.2	1833699.14	113.4	139765.40	114.1
33	ZZZ										
34	ZZZ										
35	IM220614-1LCS...	7546246.14		4169811.19	109.8	342816.54	107.3	1772232.21	109.6	134609.24	109.9
36	2205638-184 10X	7894874.67		4373030.56	115.1	376863.17	118.0	1852819.30	114.6	144590.12	118.0
37	2205638-185 10X	7969922.38		4401011.50	115.9	382765.77	119.8	1870859.24	115.7	145368.98	118.6
38	2205638-186 10X	8289417.58		4490947.33	118.3	397503.49	124.5	1922794.82	118.9	148140.66	120.9
39	2205638-187 10X	8074036.96		4409771.18	116.1	384138.98	120.3	1893284.66	117.1	147216.66	120.2
40	2205638-188 10X	8352158.83		4573708.37	120.4	394959.12	123.7	1933337.32	119.6	150950.55	123.2
41	2205638-189 10X	7916324.68		4406918.37	116.0	383668.70	120.1	1854199.40	114.7	145134.30	118.5
42	2205638-190 10X	7775785.51		4342996.60	114.4	379381.19	118.8	1819631.53	112.6	142077.98	116.0
43	CCV	7500559.26		4096895.67	107.9	345754.08	108.3	1781567.89	110.2	134601.38	109.9
44	CCB	6652948.03		3712000.36	97.7	310053.62	97.1	1594346.64	98.6	120622.82	98.4
45	2205638-191 10X	7784205.30		4321854.62	113.8	376710.72	117.9	1818452.00	112.5	142974.17	116.7
46	2205638-193 10X	7800296.97		4371485.25	115.1	386380.83	121.0	1836055.91	113.6	147124.52	120.1
47	2205638-194 10X	7904716.34		4407420.25	116.1	382499.56	119.8	1868401.12	115.6	141908.90	115.8
48	2205638-196 10X	8062897.80		4459749.52	117.4	384920.01	120.5	1864659.92	115.3	142420.12	116.2
49	2205638-197 10X	7921401.34		4408789.93	116.1	378646.71	118.6	1886081.43	116.7	146717.83	119.7
50	2205638-199 10X	8014887.17		4479996.50	118.0	385730.85	120.8	1884919.14	116.6	146865.22	119.9
51	2205638-200 10X	8172868.42		4486056.29	118.1	388010.66	121.5	1925526.06	119.1	148483.62	121.2
52	2205638-201 10X	8459647.79		4598960.87	121.1	398952.96	124.9	1987795.18	123.0	150498.44	122.8
53	2205638-202 10X	8245691.13		4500342.75	118.5	385915.06	120.8	1949845.70	120.6	144649.51	118.1
54	2205638-204 10X	8230900.50		4414307.54	116.2	379859.63	118.9	1869585.39	115.6	142211.89	116.1
55	CCV	7774038.43		4262867.44	112.2	351813.51	110.1	1823096.38	112.8	139488.98	113.8
56	CCB	7303881.77		4026565.36	106.0	336171.97	105.3	1723950.39	106.6	129863.61	106.0
57	IP220614-1MB ...	7565421.56		4181977.33	110.1	341684.51	107.0	1821171.17	112.7	134923.19	110.1
58	IM220614-1LCS...	7982135.92		4375428.37	115.2	359101.63	112.4	1878492.21	116.2	140412.48	114.6
59	2205638-205 10X	7948951.55		4373772.12	115.2	366537.75	114.8	1849931.74	114.4	138779.37	113.3
60	2205638-206 10X	7856142.38		4293667.44	113.1	368048.59	115.2	1836881.59	113.6	138499.76	113.0
61	2205638-207 10X	7798592.39		4338324.31	114.2	376433.54	117.9	1852697.42	114.6	141482.67	115.5
62	CCV	7745141.97		4242108.90	111.7	349572.44	109.4	1819248.47	112.5	135629.61	110.7

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
63	CCB	7307633.02		4072102.44	107.2	334410.00	104.7	1737865.45	107.5	130881.68	106.8
64	IP220614-2MB ...	7218031.77		4027656.71	106.1	333532.43	104.4	1702420.24	105.3	128891.84	105.2
65	IM220614-2LCS...	7653120.72		4200257.85	110.6	344392.76	107.8	1792700.60	110.9	133938.99	109.3
66	2205638-208 10X	7972465.72		4439402.54	116.9	385577.52	120.7	1883141.54	116.5	145136.90	118.5
67	2205638-209 10X	7640098.85		4219819.52	111.1	370967.12	116.1	1813282.11	112.2	141104.85	115.2
68	2205638-210 10X	7895351.34		4360366.08	114.8	376457.21	117.9	1849646.95	114.4	143381.44	117.0
69	2205638-211 10X	7775849.26		4324263.06	113.9	371185.83	116.2	1841539.30	113.9	140672.28	114.8
70	2205638-212 10X	7739312.38		4278227.02	112.7	365908.28	114.6	1811974.66	112.1	137881.51	112.5
71	2205638-213 10X	7728271.14		4211802.02	110.9	365913.99	114.6	1779168.46	110.1	139038.26	113.5
72	2205638-214 10X	7784432.80		4332470.87	114.1	374162.69	117.1	1829889.24	113.2	141964.99	115.9
73	2205638-215 10X	7841854.26		4346227.02	114.4	374617.95	117.3	1851259.19	114.5	141095.52	115.2
74	CCV	7479426.97		4151130.25	109.3	341183.50	106.8	1752377.68	108.4	132696.01	108.3
75	CCB	7540837.18		4201315.15	110.6	348637.36	109.2	1781231.43	110.2	135680.22	110.7
76	2205638-216 10X	8053501.76		4403007.43	115.9	370646.11	116.0	1855660.96	114.8	141323.69	115.3
77	2205638-217 10X	7807101.97		4363836.19	114.9	373633.81	117.0	1833401.80	113.4	140050.81	114.3
78	2205638-218 10X	7633228.63		4239519.94	111.6	363621.48	113.8	1783979.56	110.4	138450.56	113.0
79	2205638-219 10X	7600833.84		4239208.48	111.6	358512.83	112.2	1784744.35	110.4	135146.31	110.3
80	2205638-220 10X	7542434.89		4186098.06	110.2	357509.37	111.9	1772660.55	109.7	134009.63	109.4
81	2205638-221 10X	7587478.84		4289030.04	112.9	370225.54	115.9	1816667.42	112.4	140466.56	114.6
82	2205638-222 10X	7757355.72		4327010.14	113.9	366957.68	114.9	1822898.15	112.8	139663.09	114.0
83	2205638-223 10X	7800553.01		4316297.44	113.7	377414.77	118.2	1835769.08	113.6	141633.22	115.6
84	2205638-224 10X	7963837.17		4389155.77	115.6	376936.77	118.0	1872536.74	115.8	140897.73	115.0
85	CCV	7745542.39		4199654.62	110.6	342259.96	107.2	1815467.89	112.3	134159.06	109.5
86	CCB	7449673.01		4143012.65	109.1	338504.92	106.0	1772709.66	109.7	131089.08	107.0
87	2205638-225 10X	7929239.05		4311789.62	113.5	372850.67	116.7	1847092.99	114.3	140947.30	115.0
88	2205638-225L ...	8007955.92		4412661.39	116.2	367373.81	115.0	1864397.06	115.3	142175.28	116.0
89	2205638-225MS...	8069357.17		4445969.94	117.1	375633.43	117.6	1858478.51	115.0	144239.59	117.7
90	2205638-225MS...	7901262.17		4375423.48	115.2	374536.57	117.3	1842255.18	114.0	140295.54	114.5
91	2205638-225A ...	7773374.26		4284688.48	112.8	368035.30	115.2	1811725.70	112.1	139940.35	114.2
92	CCV	7656005.93		4221743.48	111.2	350306.04	109.7	1780821.74	110.2	136899.86	111.7
93	CCB	7409725.93		4122459.63	108.6	337739.60	105.7	1770995.96	109.5	131383.17	107.2

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
94	IP220614-3MB ...	7364091.56		4093741.81	107.8	330601.08	103.5	1762467.01	109.0	130763.69	106.7
95	IM220614-3LCS...	7763870.93		4192258.89	110.4	346396.36	108.5	1808398.36	111.9	135739.91	110.8
96	2205638-226 10X	7906256.55		4294380.77	113.1	371636.90	116.4	1823177.16	112.8	140854.31	115.0
97	2205638-226L ...	7875617.80		4310339.00	113.5	354681.27	111.0	1829839.14	113.2	139202.91	113.6
98	2205638-226MS...	7976489.88		4349745.04	114.5	370414.88	116.0	1845734.66	114.2	140416.01	114.6
99	2205638-226MS...	7852175.09		4310348.37	113.5	372266.36	116.6	1844386.27	114.1	140604.92	114.8
100	2205638-226A ...	7796445.30		4280271.08	112.7	368421.02	115.3	1809016.17	111.9	139565.54	113.9
101	2205638-227 10X	7698884.26		4299042.75	113.2	368641.06	115.4	1818222.16	112.5	140251.36	114.5
102	2205638-228 10X	7821003.84		4318394.00	113.7	376312.52	117.8	1828174.35	113.1	141614.22	115.6
103	2205638-229 10X	7817462.39		4341387.85	114.3	376420.89	117.9	1866186.79	115.4	141902.60	115.8
104	CCV	7552168.84		4149038.27	109.3	337809.19	105.8	1779572.78	110.1	130525.48	106.5
105	CCB	7394598.22		4127111.82	108.7	327461.68	102.5	1770745.91	109.5	127974.91	104.4
106	2205638-230 10X	7858598.21		4299962.12	113.2	366373.99	114.7	1814332.06	112.2	138867.48	113.3
107	2205638-231 10X	7701871.97		4238141.50	111.6	357764.73	112.0	1785339.25	110.4	135267.93	110.4
108	2205638-232 10X	7689402.39		4247460.04	111.8	366826.26	114.8	1817224.19	112.4	137863.88	112.5
109	2205638-233 10X	7678307.18		4263924.94	112.3	372755.79	116.7	1804188.57	111.6	138692.12	113.2
110	2205638-234 10X	7669739.47		4279926.81	112.7	368393.29	115.3	1824488.31	112.9	141459.16	115.5
111	2205638-235 10X	7919056.97		4333604.62	114.1	381548.77	119.5	1825395.96	112.9	144242.62	117.7
112	2205638-236 10X	8032430.51		4458754.93	117.4	385357.70	120.7	1864196.38	115.3	142801.37	116.6
113	CCV	7392748.64		4108455.04	108.2	336254.50	105.3	1757382.47	108.7	132201.69	107.9
114	CCB	7438978.02		4136487.96	108.9	330168.67	103.4	1761320.39	109.0	130297.70	106.3
115	IP220614-4MB ...	7412824.06		4101366.08	108.0	334105.31	104.6	1763922.89	109.1	129302.82	105.5
116	IM220614-4LCS...	7662667.59		4207149.63	110.8	345507.21	108.2	1799557.47	111.3	134579.41	109.8
117	IM220614-4LCS...	7672799.68		4247220.67	111.8	347256.32	108.7	1821442.68	112.7	136739.85	111.6
118	2205638-237 10X	7584283.01		4191957.85	110.4	352983.96	110.5	1747849.09	108.1	136920.68	111.8
119	2205638-238 10X	7619000.51		4209632.86	110.8	362103.66	113.4	1774583.31	109.8	137964.86	112.6
120	2205638-239 10X	7845205.30		4406195.46	116.0	380839.43	119.2	1837805.39	113.7	144236.37	117.7
121	2205638-240 10X	8016905.71		4455624.52	117.3	388808.97	121.7	1889617.58	116.9	146425.64	119.5
122	2205638-241 10X	7967437.80		4473400.24	117.8	377701.41	118.3	1886397.94	116.7	144135.20	117.6
123	2205638-243 10X	8123354.67		4437756.50	116.9	382086.65	119.6	1893269.35	117.1	143795.96	117.4
124	2205638-244 10X	8236324.88		4556223.79	120.0	391139.82	122.5	1918312.84	118.7	148606.30	121.3

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
125	CCV	7735750.51		4236566.60	111.6	346307.44	108.4	1814803.31	112.3	134819.75	110.0
126	CCB	7650614.68		4233057.23	111.5	346538.98	108.5	1804264.40	111.6	135717.69	110.8
127	2205638-245 10X	8066967.38		4455059.62	117.3	376930.62	118.0	1882915.96	116.5	143197.99	116.9
128	2205638-247 10X	8029284.47		4538537.95	119.5	386922.64	121.1	1898559.61	117.4	145645.73	118.9
129	2205638-250 10X	8009971.76		4497949.72	118.4	392819.16	123.0	1895458.98	117.2	146203.34	119.3
130	2205638-255 10X	8330170.29		4603436.39	121.2	402452.01	126.0	1935144.97	119.7	150118.45	122.5
131	2205638-258 10X	8205790.71		4585416.08	120.7	398912.27	124.9	1912291.17	118.3	148849.26	121.5
132	CCV	7845055.09		4270870.46	112.5	350261.44	109.7	1839671.85	113.8	137415.56	112.2
133	CCB	7463437.60		4134961.19	108.9	339392.48	106.3	1771536.02	109.6	133512.21	109.0
134	RINSE	8305333.42		4516258.16	118.9	363594.29	113.8	1975775.02	122.2	146997.60	120.0
135	RINSE	8250130.92		4497461.91	118.4	358842.30	112.4	1969878.41	121.9	144337.70	117.8

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
1	RINSE	10804298.59	100.0	3385366.83	100.0	10813340.81	100.0	1862921.04	100.0	2562347.56	100.0
2	RINSE	10862030.25	100.0	3414134.33	100.0	10886547.50	100.0	1880289.56	100.0	2586713.87	100.0
3	RINSE	11286725.67	100.0	3474049.53	100.0	11209701.88	100.0	1930962.49	100.0	2680353.50	100.0
4	BLANK	11227017.33	100.0	3510013.49	100.0	11149282.03	100.0	1954916.01	100.0	2667680.12	100.0
5	H/1000	10782882.76	96.0	3388872.55	96.5	10746328.23	96.4	1909171.30	97.7	2602866.26	97.6
6	H/100	11119736.08	99.0	3507797.24	99.9	11082340.87	99.4	1984830.03	101.5	2614486.37	98.0
7	H/10	11569725.66	103.1	3651993.59	104.0	11567584.85	103.8	2071737.23	106.0	2717167.36	101.9
8	HIGH	10914964.21	97.2	3357142.35	95.6	11218789.38	100.6	1983362.95	101.5	2530518.56	94.9
9	RINSE	11324749.42	100.9	3506113.91	99.9	11298469.99	101.3	1964910.41	100.5	2634877.41	98.8
10	ICV	11656918.58	103.8	3572443.28	101.8	11596240.17	104.0	2066134.67	105.7	2709941.52	101.6
11	ICB	11501222.75	102.4	3457069.53	98.5	11393293.38	102.2	1952538.96	99.9	2653540.90	99.5
12	LIV	11702527.33	104.2	3555049.53	101.3	11425279.95	102.5	2005885.61	102.6	2711241.57	101.6
13	ICSA	10889645.88	97.0	3322896.52	94.7	11145942.95	100.0	1950936.43	99.8	2544950.01	95.4
14	ICSAB	10883192.34	96.9	3333254.95	95.0	11158656.61	100.1	1930650.66	98.8	2550644.60	95.6
15	CCV	11599517.33	103.3	3628573.91	103.4	11616933.33	104.2	2073667.05	106.1	2701887.93	101.3
16	CCB	11342013.16	101.0	3517158.70	100.2	11252306.08	100.9	1973593.56	101.0	2609980.01	97.8
17	2205638-180 10X	11093339.42	98.8	3457741.61	98.5	11186616.71	100.3	1966215.33	100.6	2594216.47	97.2
18	2205638-180L ...	12001750.24	106.9	3636168.28	103.6	11914473.93	106.9	2058099.11	105.3	2743929.96	102.9
19	2205638-180MS...	11543470.24	102.8	3539014.64	100.8	11635025.54	104.4	2033576.81	104.0	2671438.09	100.1
20	2205638-180MS...	11607713.99	103.4	3560377.86	101.4	11692885.90	104.9	2044356.73	104.6	2695638.92	101.0
21	2205638-180A ...	11711062.74	104.3	3566632.03	101.6	11690047.91	104.9	2028914.81	103.8	2691095.69	100.9
22	2205638-181 10X	12124648.15	108.0	3682413.80	104.9	12187147.99	109.3	2097264.21	107.3	2774805.69	104.0
23	2205638-181L ...	12641952.73	112.6	3846673.28	109.6	12533402.29	112.4	2175067.87	111.3	2819707.36	105.7
24	2205638-181MS...	12081968.15	107.6	3620716.20	103.2	12076926.21	108.3	2054943.44	105.1	2752486.73	103.2
25	2205638-181MS...	12068402.74	107.5	3686661.72	105.0	12079521.69	108.3	2068250.41	105.8	2750030.58	103.1
26	2205638-181A ...	11982304.41	106.7	3638194.84	103.7	12012076.11	107.7	2071334.45	106.0	2735431.10	102.5
27	CCV	12361700.23	110.1	3764504.22	107.3	12315107.10	110.5	2147952.81	109.9	2834416.31	106.3
28	CCB	11470349.83	102.2	3522636.82	100.4	11295370.70	101.3	1968360.10	100.7	2617967.15	98.1
29	2205638-182 10X	12121466.90	108.0	3642631.30	103.8	12073249.96	108.3	2067348.80	105.8	2783684.02	104.3
30	2205638-183 10X	12250231.48	109.1	3704569.01	105.5	12200585.53	109.4	2091890.39	107.0	2779509.85	104.2
31	CCV	12436313.98	110.8	3706411.72	105.6	12445648.23	111.6	2114397.87	108.2	2810012.98	105.3

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
32	CCB	12460323.15	111.0	3762182.97	107.2	12297884.63	110.3	2092840.57	107.1	2810748.19	105.4
33	ZZZ										
34	ZZZ										
35	IM220614-1LCS...	11828721.91	105.4	3567678.18	101.6	11719186.01	105.1	1990037.81	101.8	2692773.60	100.9
36	2205638-184 10X	11915393.16	106.1	3592017.97	102.3	11779826.37	105.7	2039290.48	104.3	2703785.80	101.4
37	2205638-185 10X	11995033.57	106.8	3664761.30	104.4	11953811.54	107.2	2063140.80	105.5	2729485.80	102.3
38	2205638-186 10X	12179749.40	108.5	3714841.82	105.8	12203331.21	109.5	2105696.09	107.7	2778729.54	104.2
39	2205638-187 10X	11896258.57	106.0	3586132.45	102.2	11880285.21	106.6	2058388.88	105.3	2719846.73	102.0
40	2205638-188 10X	12325210.65	109.8	3656426.20	104.2	12200515.61	109.4	2090350.71	106.9	2784715.27	104.4
41	2205638-189 10X	11932394.82	106.3	3632010.16	103.5	11999187.62	107.6	2057965.82	105.3	2711034.33	101.6
42	2205638-190 10X	11709633.57	104.3	3539158.38	100.8	11832248.23	106.1	2004839.30	102.6	2719509.54	101.9
43	CCV	11710271.08	104.3	3563235.46	101.5	11763121.14	105.5	2057220.63	105.2	2713173.19	101.7
44	CCB	10699493.38	95.3	3316697.55	94.5	10655527.95	95.6	1855426.35	94.9	2497219.18	93.6
45	2205638-191 10X	11708746.49	104.3	3596734.01	102.5	11767861.41	105.5	2018882.98	103.3	2708224.23	101.5
46	2205638-193 10X	11849889.41	105.5	3637129.53	103.6	11875751.54	106.5	2032571.52	104.0	2732986.58	102.4
47	2205638-194 10X	11954439.82	106.5	3612902.76	102.9	11926179.46	107.0	2049007.80	104.8	2746552.25	103.0
48	2205638-196 10X	12075741.07	107.6	3646819.84	103.9	12074729.99	108.3	2053565.20	105.0	2745976.42	102.9
49	2205638-197 10X	12070051.07	107.5	3674048.70	104.7	12050384.73	108.1	2059815.77	105.4	2740468.60	102.7
50	2205638-199 10X	12285252.31	109.4	3693762.76	105.2	12176986.39	109.2	2075893.19	106.2	2749734.34	103.1
51	2205638-200 10X	12145013.57	108.2	3662555.67	104.3	12239213.13	109.8	2087741.20	106.8	2744278.61	102.9
52	2205638-201 10X	12409818.15	110.5	3722769.53	106.1	12474888.45	111.9	2151028.97	110.0	2811362.67	105.4
53	2205638-202 10X	12100143.15	107.8	3643747.13	103.8	12182806.86	109.3	2068515.38	105.8	2750003.19	103.1
54	2205638-204 10X	11974506.91	106.7	3574674.43	101.8	12086424.37	108.4	2032857.38	104.0	2718599.02	101.9
55	CCV	12218556.07	108.8	3643602.55	103.8	12263122.02	110.0	2064890.75	105.6	2752707.72	103.2
56	CCB	11586317.75	103.2	3571362.65	101.7	11489100.62	103.0	2000055.22	102.3	2637949.28	98.9
57	IP220614-1MB ...	12043933.57	107.3	3625929.74	103.3	11985238.92	107.5	2050054.95	104.9	2760551.11	103.5
58	IM220614-1LCS...	12601207.31	112.2	3693712.97	105.2	12306585.11	110.4	2094649.90	107.1	2790311.31	104.6
59	2205638-205 10X	11731149.82	104.5	3492728.39	99.5	11808296.93	105.9	2001448.88	102.4	2693307.04	101.0
60	2205638-206 10X	11443326.91	101.9	3468920.68	98.8	11620914.28	104.2	1991381.89	101.9	2635508.40	98.8
61	2205638-207 10X	11747803.16	104.6	3545254.53	101.0	11914328.43	106.9	2029929.22	103.8	2684731.62	100.6
62	CCV	12179643.99	108.5	3621492.97	103.2	12067358.15	108.2	2070931.04	105.9	2758527.04	103.4

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
63	CCB	11830805.24	105.4	3554023.28	101.3	11759003.49	105.5	1988023.90	101.7	2720722.36	102.0
64	IP220614-2MB ...	11537903.58	102.8	3528637.14	100.5	11432860.42	102.5	1980702.54	101.3	2647962.93	99.3
65	IM220614-2LCS...	12068885.24	107.5	3622598.80	103.2	11994612.77	107.6	2042933.83	104.5	2694940.79	101.0
66	2205638-208 10X	11879580.24	105.8	3595653.59	102.4	12044488.84	108.0	2057356.81	105.2	2723175.01	102.1
67	2205638-209 10X	11495606.08	102.4	3465828.18	98.7	11603215.58	104.1	1970821.76	100.8	2623544.02	98.3
68	2205638-210 10X	11825099.82	105.3	3544602.24	101.0	11915851.50	106.9	2013717.17	103.0	2699758.87	101.2
69	2205638-211 10X	11677699.41	104.0	3534891.61	100.7	11797869.93	105.8	1998804.47	102.2	2675812.41	100.3
70	2205638-212 10X	11556894.83	102.9	3469817.13	98.9	11767769.30	105.5	1979278.33	101.2	2696922.25	101.1
71	2205638-213 10X	11454854.83	102.0	3437932.66	97.9	11558561.34	103.7	1963640.74	100.4	2619460.06	98.2
72	2205638-214 10X	11670956.08	104.0	3537515.99	100.8	11725291.42	105.2	1992936.18	101.9	2687888.40	100.8
73	2205638-215 10X	11808463.57	105.2	3586958.70	102.2	11870176.33	106.5	2019957.51	103.3	2757815.69	103.4
74	CCV	11780128.16	104.9	3557260.46	101.3	11785227.77	105.7	2023209.75	103.5	2701572.46	101.3
75	CCB	12200261.90	108.7	3736761.82	106.5	12092322.74	108.5	2094666.63	107.1	2763140.37	103.6
76	2205638-216 10X	11714891.91	104.3	3477415.78	99.1	11806582.51	105.9	2004292.63	102.5	2686258.92	100.7
77	2205638-217 10X	11851344.41	105.6	3541738.59	100.9	11953110.01	107.2	2016951.43	103.2	2738881.83	102.7
78	2205638-218 10X	11474810.24	102.2	3448030.78	98.2	11544966.62	103.5	1967494.68	100.6	2641937.93	99.0
79	2205638-219 10X	11266517.33	100.4	3359707.04	95.7	11528021.58	103.4	1940040.03	99.2	2627482.72	98.5
80	2205638-220 10X	11300474.42	100.7	3366548.60	95.9	11418141.16	102.4	1937384.54	99.1	2625846.78	98.4
81	2205638-221 10X	11675866.07	104.0	3467356.93	98.8	11757316.10	105.5	2046074.11	104.7	2703675.90	101.3
82	2205638-222 10X	11545085.66	102.8	3477172.14	99.1	11780274.67	105.7	1980028.64	101.3	2697575.27	101.1
83	2205638-223 10X	11740726.49	104.6	3500108.70	99.7	11894593.17	106.7	2022897.72	103.5	2712114.54	101.7
84	2205638-224 10X	11770712.74	104.8	3507229.43	99.9	12000924.98	107.6	2011901.71	102.9	2686439.65	100.7
85	CCV	12063965.24	107.5	3592969.22	102.4	12184362.85	109.3	2040282.74	104.4	2754873.60	103.3
86	CCB	11988712.74	106.8	3596539.74	102.5	11954889.77	107.2	2022227.31	103.4	2748368.19	103.0
87	2205638-225 10X	11725901.49	104.4	3552166.10	101.2	11842924.90	106.2	2038186.57	104.3	2699682.36	101.2
88	2205638-225L ...	12488623.56	111.2	3748146.09	106.8	12429116.88	111.5	2117324.60	108.3	2779837.15	104.2
89	2205638-225MS...	11853824.41	105.6	3525434.53	100.4	11995144.65	107.6	2011640.36	102.9	2685066.37	100.7
90	2205638-225MS...	11712365.66	104.3	3519394.85	100.3	11833865.69	106.1	1985463.33	101.6	2672558.60	100.2
91	2205638-225A ...	11518508.16	102.6	3461904.53	98.6	11681996.04	104.8	1984486.84	101.5	2675770.95	100.3
92	CCV	12043370.65	107.3	3623006.30	103.2	12094840.69	108.5	2064457.46	105.6	2733116.42	102.5
93	CCB	12016882.74	107.0	3606254.63	102.7	11893582.25	106.7	2044224.54	104.6	2741895.27	102.8

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
94	IP220614-3MB ...	11750427.32	104.7	3527720.68	100.5	11782820.91	105.7	1972986.97	100.9	2709921.89	101.6
95	IM220614-3LCS...	12050366.07	107.3	3646805.15	103.9	12076281.01	108.3	2039670.90	104.3	2726240.90	102.2
96	2205638-226 10X	11627793.57	103.6	3484237.76	99.3	11848044.76	106.3	1990548.81	101.8	2679062.77	100.4
97	2205638-226L ...	12239424.82	109.0	3629067.13	103.4	12267633.88	110.0	2042756.46	104.5	2811598.29	105.4
98	2205638-226MS...	11574156.07	103.1	3432469.32	97.8	11727826.98	105.2	1971090.64	100.8	2689178.56	100.8
99	2205638-226MS...	11671066.91	104.0	3513119.95	100.1	11864669.36	106.4	2004451.60	102.5	2690869.28	100.9
100	2205638-226A ...	11581502.74	103.2	3488919.53	99.4	11785913.79	105.7	1977436.66	101.2	2683420.43	100.6
101	2205638-227 10X	11546987.33	102.8	3531032.14	100.6	11691278.63	104.9	1997740.15	102.2	2703867.98	101.4
102	2205638-228 10X	11627462.32	103.6	3490716.82	99.5	11814015.53	106.0	2010664.62	102.9	2683919.38	100.6
103	2205638-229 10X	11797154.82	105.1	3528089.32	100.5	11927190.45	107.0	2016272.09	103.1	2744560.27	102.9
104	CCV	11934442.74	106.3	3539761.30	100.8	11953217.13	107.2	1997413.49	102.2	2750891.94	103.1
105	CCB	12002107.74	106.9	3522416.93	100.4	12029122.71	107.9	1965519.95	100.5	2772036.00	103.9
106	2205638-230 10X	11644465.24	103.7	3487524.53	99.4	11841779.95	106.2	1986433.55	101.6	2715662.88	101.8
107	2205638-231 10X	11388950.66	101.4	3361644.12	95.8	11550803.01	103.6	1924669.70	98.5	2641884.75	99.0
108	2205638-232 10X	11409259.83	101.6	3417968.80	97.4	11710409.26	105.0	2001316.75	102.4	2635650.53	98.8
109	2205638-233 10X	11512851.08	102.5	3486274.95	99.3	11773686.53	105.6	1991990.49	101.9	2665288.19	99.9
110	2205638-234 10X	11610613.58	103.4	3500272.97	99.7	11793678.77	105.8	2002493.13	102.4	2676968.29	100.3
111	2205638-235 10X	11808239.41	105.2	3575928.59	101.9	11961289.22	107.3	2046925.49	104.7	2710918.29	101.6
112	2205638-236 10X	11852101.91	105.6	3542849.11	100.9	12036913.36	108.0	2018208.29	103.2	2739167.77	102.7
113	CCV	11765848.16	104.8	3500352.35	99.7	11743746.53	105.3	2018843.16	103.3	2670675.54	100.1
114	CCB	12067919.40	107.5	3551299.42	101.2	12043730.81	108.0	2006095.10	102.6	2717037.46	101.9
115	IP220614-4MB ...	11863510.66	105.7	3527148.38	100.5	11816638.42	106.0	1987088.24	101.6	2718733.61	101.9
116	IM220614-4LCS...	12155079.40	108.3	3614067.97	103.0	12050447.83	108.1	2034869.61	104.1	2758221.94	103.4
117	IM220614-4LCS...	12220228.98	108.8	3626587.03	103.3	12207916.90	109.5	2045453.45	104.6	2759445.27	103.4
118	2205638-237 10X	11225764.42	100.0	3388201.10	96.5	11442681.11	102.6	1938027.70	99.1	2584500.54	96.9
119	2205638-238 10X	11434331.91	101.8	3420966.51	97.5	11571151.56	103.8	1938394.34	99.2	2607232.82	97.7
120	2205638-239 10X	11947457.74	106.4	3554491.20	101.3	12015631.16	107.8	2050763.75	104.9	2753129.85	103.2
121	2205638-240 10X	12154478.99	108.3	3604627.45	102.7	12216739.67	109.6	2045125.02	104.6	2745751.52	102.9
122	2205638-241 10X	12126252.32	108.0	3579942.24	102.0	12175033.23	109.2	2016580.45	103.2	2746467.88	103.0
123	2205638-243 10X	12257427.32	109.2	3633618.38	103.5	12265117.94	110.0	2040913.03	104.4	2722305.22	102.0
124	2205638-244 10X	12297881.07	109.5	3580370.99	102.0	12262044.19	110.0	2069364.94	105.9	2771603.19	103.9

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
125	CCV	12117593.57	107.9	3576706.09	101.9	12053351.70	108.1	2045106.07	104.6	2736462.67	102.6
126	CCB	12259443.15	109.2	3660847.24	104.3	12220412.50	109.6	2045858.36	104.7	2753887.77	103.2
127	2205638-245 10X	11949412.74	106.4	3577143.80	101.9	12002054.96	107.6	2020076.72	103.3	2686970.07	100.7
128	2205638-247 10X	12100823.15	107.8	3591345.78	102.3	12225660.82	109.7	2028579.54	103.8	2774252.46	104.0
129	2205638-250 10X	12106179.82	107.8	3608395.99	102.8	12245281.22	109.8	2056049.09	105.2	2750238.92	103.1
130	2205638-255 10X	12214995.65	108.8	3634469.53	103.5	12336541.44	110.6	2076580.07	106.2	2742009.23	102.8
131	2205638-258 10X	12145200.24	108.2	3605802.13	102.7	12168624.84	109.1	2044931.77	104.6	2756773.71	103.3
132	CCV	12161656.90	108.3	3620661.93	103.2	12167272.37	109.1	2045418.09	104.6	2718248.29	101.9
133	CCB	11915149.82	106.1	3624371.20	103.3	11872939.86	106.5	2038082.71	104.3	2675108.24	100.3
134	RINSE	12919164.39	115.1	3781534.21	107.7	12701619.69	113.9	2128329.05	108.9	2810994.85	105.4
135	RINSE	12919814.81	115.1	3793067.03	108.1	12691262.36	113.8	2142995.32	109.6	2827076.31	106.0

ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
1	RINSE	508974.56	100.0	8936429.24	100.0	2861942.87	100.0
2	RINSE	509439.46	100.0	8936826.74	100.0	2836153.61	100.0
3	RINSE	525131.81	100.0	9204894.45	100.0	2930394.12	100.0
4	BLANK	535295.46	100.0	9245652.57	100.0	2975441.52	100.0
5	H/1000	523772.87	97.8	8828875.08	95.5	2907023.60	97.7
6	H/100	546058.44	102.0	9057278.62	98.0	2963776.10	99.6
7	H/10	561456.59	104.9	9179344.03	99.3	2988142.14	100.4
8	HIGH	514186.23	96.1	8296560.92	89.7	2600052.15	87.4
9	RINSE	530356.23	99.1	9203875.28	99.5	2942369.54	98.9
10	ICV	550982.05	102.9	8997925.70	97.3	2908423.39	97.7
11	ICB	533859.91	99.7	9102363.41	98.5	2876021.42	96.7
12	LIV	544281.22	101.7	9270822.36	100.3	2964511.62	99.6
13	ICSA	506046.39	94.5	8675160.08	93.8	2737375.59	92.0
14	ICSAB	502990.52	94.0	8495976.75	91.9	2653373.50	89.2
15	CCV	553500.67	103.4	9113659.24	98.6	2958484.95	99.4
16	CCB	531342.61	99.3	9084615.70	98.3	2933919.43	98.6
17	2205638-180 10X	533238.90	99.6	8982904.45	97.2	2872086.62	96.5
18	2205638-180L ...	557138.93	104.1	9467454.86	102.4	2998701.20	100.8
19	2205638-180MS...	543189.77	101.5	9245425.90	100.0	2907621.10	97.7
20	2205638-180MS...	551647.34	103.1	9204915.90	99.6	2926204.64	98.3
21	2205638-180A ...	550243.65	102.8	9197384.66	99.5	2906414.54	97.7
22	2205638-181 10X	566428.88	105.8	9501027.77	102.8	3006659.64	101.0
23	2205638-181L ...	579075.20	108.2	9908754.23	107.2	3127463.50	105.1
24	2205638-181MS...	550766.14	102.9	9398969.44	101.7	2940897.87	98.8
25	2205638-181MS...	556780.97	104.0	9508671.32	102.8	2966504.23	99.7
26	2205638-181A ...	560715.91	104.7	9358305.07	101.2	2954533.50	99.3
27	CCV	567178.15	106.0	9515889.02	102.9	3032669.54	101.9
28	CCB	525174.82	98.1	8926362.79	96.5	2843132.46	95.6
29	2205638-182 10X	545551.33	101.9	9462999.44	102.4	2980433.29	100.2
30	2205638-183 10X	559655.15	104.6	9530448.40	103.1	2956747.04	99.4
31	CCV	559494.83	104.5	9484775.48	102.6	2984839.02	100.3

ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
32	CCB	555415.30	103.8	9589664.23	103.7	3035873.91	102.0
33	ZZZ						
34	ZZZ						
35	IM220614-1LCS...	532296.41	99.4	9120261.53	98.6	2857609.64	96.0
36	2205638-184 10X	545443.73	101.9	9410318.82	101.8	2933310.16	98.6
37	2205638-185 10X	547791.10	102.3	9421189.03	101.9	2979957.25	100.2
38	2205638-186 10X	562084.67	105.0	9510276.73	102.9	2993371.93	100.6
39	2205638-187 10X	545582.67	101.9	9270151.95	100.3	2923276.62	98.2
40	2205638-188 10X	556419.54	103.9	9579071.73	103.6	2974140.90	100.0
41	2205638-189 10X	549537.15	102.7	9371304.86	101.4	2899613.29	97.5
42	2205638-190 10X	542643.27	101.4	9329372.15	100.9	2911345.48	97.8
43	CCV	543116.94	101.5	9191834.66	99.4	2935424.54	98.7
44	CCB	497236.61	92.9	8539574.46	92.4	2747840.48	92.4
45	2205638-191 10X	540030.80	100.9	9271336.32	100.3	2938618.08	98.8
46	2205638-193 10X	547868.38	102.3	9326815.49	100.9	2954755.27	99.3
47	2205638-194 10X	545201.90	101.9	9280921.32	100.4	2940271.83	98.8
48	2205638-196 10X	546585.84	102.1	9465617.78	102.4	2947737.56	99.1
49	2205638-197 10X	548727.55	102.5	9453520.28	102.2	2936193.71	98.7
50	2205638-199 10X	554772.91	103.6	9540370.48	103.2	3013969.96	101.3
51	2205638-200 10X	547520.32	102.3	9509479.86	102.9	2963731.21	99.6
52	2205638-201 10X	559708.05	104.6	9723987.56	105.2	3021236.31	101.5
53	2205638-202 10X	547421.49	102.3	9494680.90	102.7	2991451.41	100.5
54	2205638-204 10X	543567.82	101.5	9471842.98	102.4	2950698.81	99.2
55	CCV	545772.51	102.0	9369007.36	101.3	2956160.48	99.4
56	CCB	525915.37	98.2	9063109.45	98.0	2886669.12	97.0
57	IP220614-1MB ...	525406.88	98.2	9409368.61	101.8	2938247.14	98.7
58	IM220614-1LCS...	545130.02	101.8	9508130.28	102.8	2951771.94	99.2
59	2205638-205 10X	518119.81	96.8	9323787.78	100.8	2894449.54	97.3
60	2205638-206 10X	526767.79	98.4	9191545.91	99.4	2880359.96	96.8
61	2205638-207 10X	535920.20	100.1	9407021.53	101.7	2938186.21	98.7
62	CCV	544938.60	101.8	9367264.65	101.3	2935873.19	98.7

ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
63	CCB	525621.78	98.2	9412628.61	101.8	2909917.88	97.8
64	IP220614-2MB ...	510497.82	95.4	9099883.19	98.4	2875606.21	96.6
65	IM220614-2LCS...	531168.26	99.2	9193034.03	99.4	2883597.77	96.9
66	2205638-208 10X	541019.21	101.1	9529800.48	103.1	2954522.77	99.3
67	2205638-209 10X	523021.75	97.7	9249554.24	100.0	2848102.46	95.7
68	2205638-210 10X	537198.46	100.4	9454127.15	102.3	2922740.48	98.2
69	2205638-211 10X	531902.05	99.4	9368039.86	101.3	2889651.83	97.1
70	2205638-212 10X	522810.63	97.7	9381022.36	101.5	2888202.46	97.1
71	2205638-213 10X	521035.11	97.3	9179292.99	99.3	2837504.33	95.4
72	2205638-214 10X	538573.29	100.6	9386877.36	101.5	2905059.12	97.6
73	2205638-215 10X	541411.76	101.1	9457388.40	102.3	2937455.79	98.7
74	CCV	533445.59	99.7	9163061.74	99.1	2865418.29	96.3
75	CCB	549109.89	102.6	9495544.65	102.7	3005208.91	101.0
76	2205638-216 10X	523739.78	97.8	9404962.77	101.7	2853242.77	95.9
77	2205638-217 10X	532037.57	99.4	9436944.44	102.1	2890764.44	97.2
78	2205638-218 10X	524357.27	98.0	9159641.74	99.1	2809241.42	94.4
79	2205638-219 10X	516934.24	96.6	9143599.24	98.9	2823796.00	94.9
80	2205638-220 10X	516017.62	96.4	9084915.70	98.3	2773961.10	93.2
81	2205638-221 10X	526708.78	98.4	9408311.32	101.8	2880941.52	96.8
82	2205638-222 10X	523807.45	97.9	9320461.94	100.8	2876718.81	96.7
83	2205638-223 10X	532942.39	99.6	9390452.57	101.6	2912126.00	97.9
84	2205638-224 10X	529848.77	99.0	9355322.99	101.2	2867056.00	96.4
85	CCV	537487.05	100.4	9370391.53	101.3	2918938.08	98.1
86	CCB	527876.03	98.6	9395842.57	101.6	2936409.54	98.7
87	2205638-225 10X	528646.40	98.8	9242991.32	100.0	2877172.25	96.7
88	2205638-225L ...	550877.11	102.9	9669232.35	104.6	3010035.27	101.2
89	2205638-225MS...	532723.66	99.5	9359488.82	101.2	2892568.08	97.2
90	2205638-225MS...	529896.25	99.0	9387956.53	101.5	2897372.25	97.4
91	2205638-225A ...	525055.56	98.1	9267998.61	100.2	2839734.23	95.4
92	CCV	540007.00	100.9	9297508.61	100.6	2926663.81	98.4
93	CCB	528461.70	98.7	9439468.40	102.1	2930344.02	98.5

ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
94	IP220614-3MB ...	514027.57	96.0	9311812.78	100.7	2865401.21	96.3
95	IM220614-3LCS...	534879.63	99.9	9357125.28	101.2	2907283.71	97.7
96	2205638-226 10X	522362.69	97.6	9328524.45	100.9	2884881.31	97.0
97	2205638-226L ...	539618.51	100.8	9694799.23	104.9	2963670.37	99.6
98	2205638-226MS...	519288.81	97.0	9315289.44	100.8	2880066.94	96.8
99	2205638-226MS...	534081.23	99.8	9464150.90	102.4	2910149.96	97.8
100	2205638-226A ...	523961.52	97.9	9356711.11	101.2	2897615.17	97.4
101	2205638-227 10X	528634.72	98.8	9304674.86	100.6	2920831.52	98.2
102	2205638-228 10X	523988.52	97.9	9405172.98	101.7	2884571.31	96.9
103	2205638-229 10X	533204.15	99.6	9436673.40	102.1	2921821.83	98.2
104	CCV	531746.26	99.3	9405782.78	101.7	2881876.73	96.9
105	CCB	514773.65	96.2	9540831.11	103.2	2873636.31	96.6
106	2205638-230 10X	520653.87	97.3	9361779.44	101.3	2853807.77	95.9
107	2205638-231 10X	508677.61	95.0	9210572.36	99.6	2802838.81	94.2
108	2205638-232 10X	521544.38	97.4	9236929.45	99.9	2854405.17	95.9
109	2205638-233 10X	523525.60	97.8	9238929.24	99.9	2821129.12	94.8
110	2205638-234 10X	521514.63	97.4	9226393.61	99.8	2886668.71	97.0
111	2205638-235 10X	537350.33	100.4	9447137.36	102.2	2930304.96	98.5
112	2205638-236 10X	527948.00	98.6	9460387.98	102.3	2894400.16	97.3
113	CCV	530322.96	99.1	9241487.15	100.0	2864488.40	96.3
114	CCB	518811.90	96.9	9522474.65	103.0	2879020.79	96.8
115	IP220614-4MB ...	508668.32	95.0	9433601.11	102.0	2877017.67	96.7
116	IM220614-4LCS...	528174.36	98.7	9394314.03	101.6	2855019.12	96.0
117	IM220614-4LCS...	531602.49	99.3	9371698.40	101.4	2900703.39	97.5
118	2205638-237 10X	504174.04	94.2	9024294.03	97.6	2756174.96	92.6
119	2205638-238 10X	511325.44	95.5	9220356.95	99.7	2808854.23	94.4
120	2205638-239 10X	535287.91	100.0	9485037.56	102.6	2887693.08	97.1
121	2205638-240 10X	536668.39	100.3	9531715.69	103.1	2892319.12	97.2
122	2205638-241 10X	532158.22	99.4	9451781.53	102.2	2888661.83	97.1
123	2205638-243 10X	536999.44	100.3	9354846.95	101.2	2909901.42	97.8
124	2205638-244 10X	528511.78	98.7	9530504.65	103.1	2883193.71	96.9

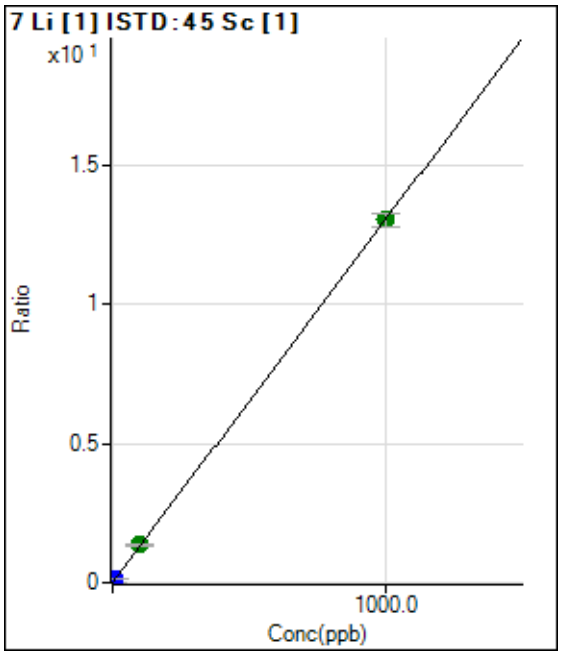
ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
125	CCV	529576.26	98.9	9295315.49	100.5	2846286.52	95.7
126	CCB	524894.05	98.1	9476224.86	102.5	2913277.04	97.9
127	2205638-245 10X	522433.01	97.6	9349776.53	101.1	2824438.40	94.9
128	2205638-247 10X	528793.51	98.8	9554422.36	103.3	2889596.21	97.1
129	2205638-250 10X	535640.67	100.1	9525516.52	103.0	2916569.75	98.0
130	2205638-255 10X	535276.05	100.0	9544172.98	103.2	2922823.40	98.2
131	2205638-258 10X	531291.63	99.3	9448089.44	102.2	2908982.46	97.8
132	CCV	534607.47	99.9	9320063.40	100.8	2881970.27	96.9
133	CCB	512423.60	95.7	9148070.49	98.9	2846126.31	95.7
134	RINSE	525292.19	98.1	9723372.77	105.2	2940067.45	98.8
135	RINSE	522866.47	97.7	9707877.98	105.0	2949813.08	99.1

Calibration for 008CALS_22F16n00.D

Batch Folder:	C:\ICPMH\1\DATA\22F16o00.B\
Analysis File:	22F16o00.batch.xml
DA Date-Time:	6/17/2022 08:41:58
Calibration Title:	
Calibration Method:	External Calibration
VIS Interpolation Fit:	
Tune Step:	#1 nogas.u
	#2 hehe.u

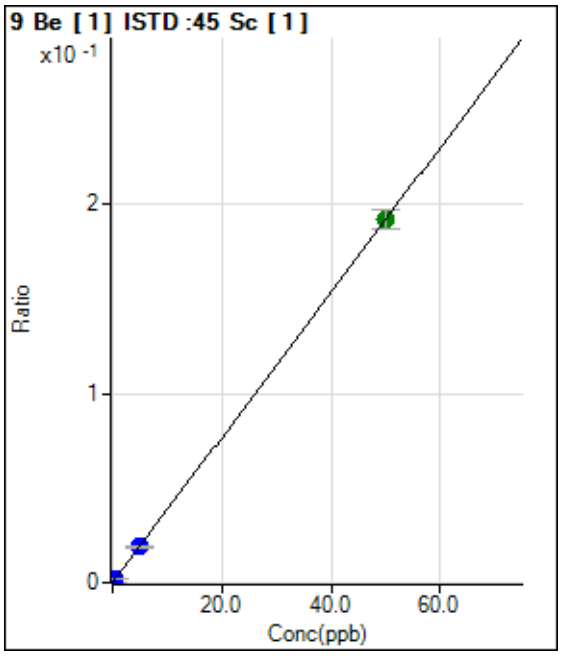
Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB_22F16n00.D	BLANK	6/16/2022 13:59:22
2	005CALS_22F16n00.D	H/1000	6/16/2022 14:02:22
3	006CALS_22F16n00.D	H/100	6/16/2022 14:08:19
4	007CALS_22F16n00.D	H/10	6/16/2022 14:14:14
5	008CALS_22F16n00.D	HIGH	6/16/2022 14:20:04
6			



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	1983.47	0.0003	P	8.7
2	☐	1.0000	0.9677	82866.98	0.0129	P	5.7
3	☐	10.0000	9.5975	841230.06	0.1256	P	3.5
4	☐	100.0000	104.2215	9861772.67	1.3604	A	5.9
5	☐	1000.0000	999.5819	101331600.00	13.0453	A	3.9
6	☐	200.0000					

y = 0.0131 * x + 3.0063E-004
R = 1.0000
DL = 0.005999
BEC = 0.02304

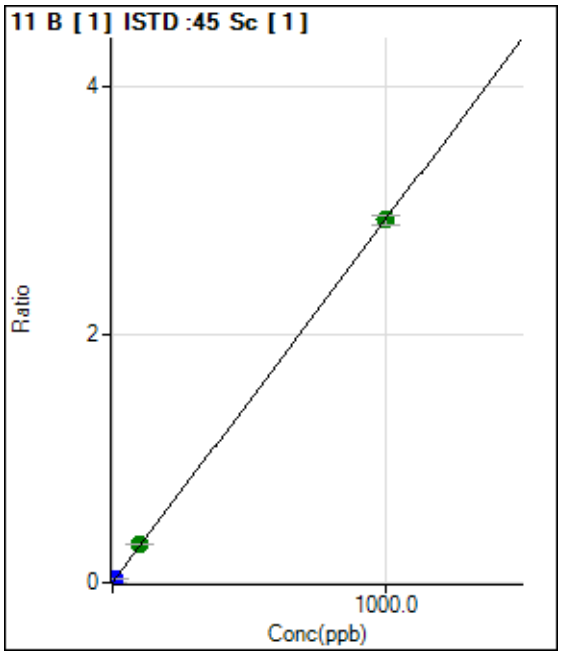
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	0.67	0.0000	P	173.2
2	☐	0.0500	0.0492	1212.72	0.0002	P	3.4
3	☐	0.5000	0.5103	13125.76	0.0020	P	3.6
4	☐	5.0000	5.0281	139947.07	0.0193	P	5.1
5	☐	50.0000	49.9971	1490135.96	0.1919	A	5.2
6	☐	10.0000					

y = 0.0038 * x + 9.6857E-008
R = 1.0000
DL = 0.0001311
BEC = 2.523E-05

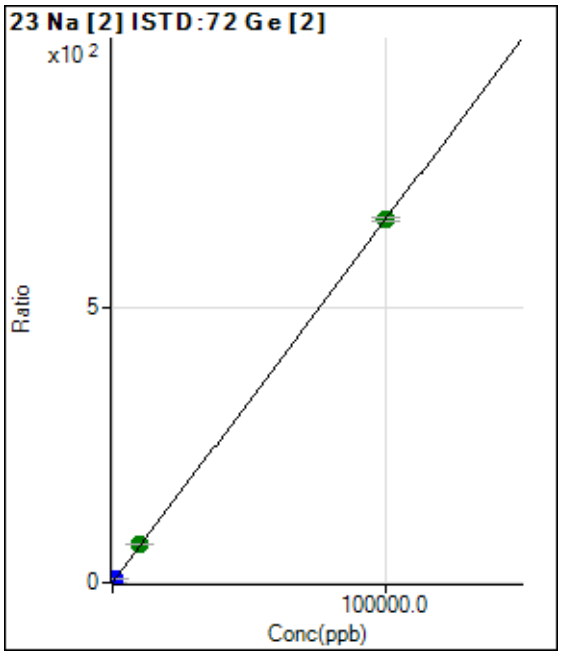
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	9323.76	0.0014	P	3.1
2	☐	1.0000	1.1497	30589.72	0.0048	P	4.1
3	☐	10.0000	9.8765	202887.17	0.0303	P	1.9
4	☐	100.0000	104.6216	2228248.24	0.3071	A	3.2
5	☐	1000.0000	999.5389	22701847.98	2.9217	A	2.9
6	☐	200.0000					

y = 0.0029 * x + 0.0014
R = 1.0000
DL = 0.0446
BEC = 0.4829

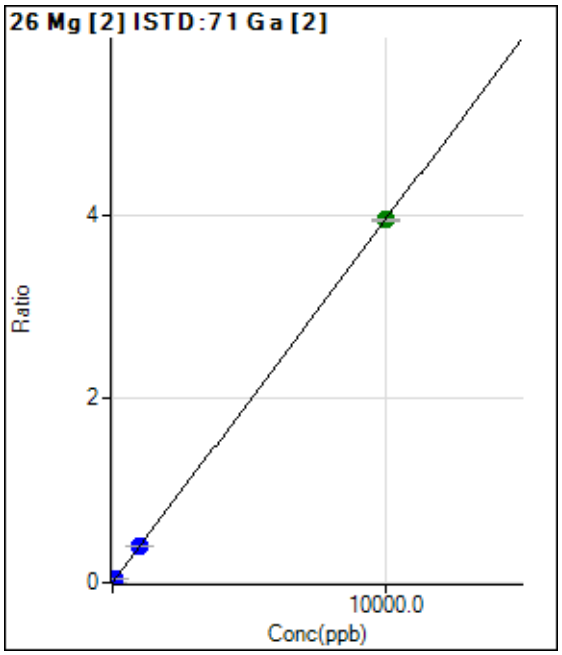
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	7655.37	0.0625	P	2.2
2	☐	100.0000	112.8297	98517.15	0.8084	P	2.1
3	☐	1000.0000	1044.7103	878553.42	6.9690	P	2.4
4	☐	10000.0000	10514.6193	9488604.23	69.5741	A	2.2
5	☐	100000.0000	99948.0781	93328055.28	660.8145	A	1.1
6	☐	20000.0000					

y = 0.0066 * x + 0.0625
R = 1.0000
DL = 0.61
BEC = 9.447

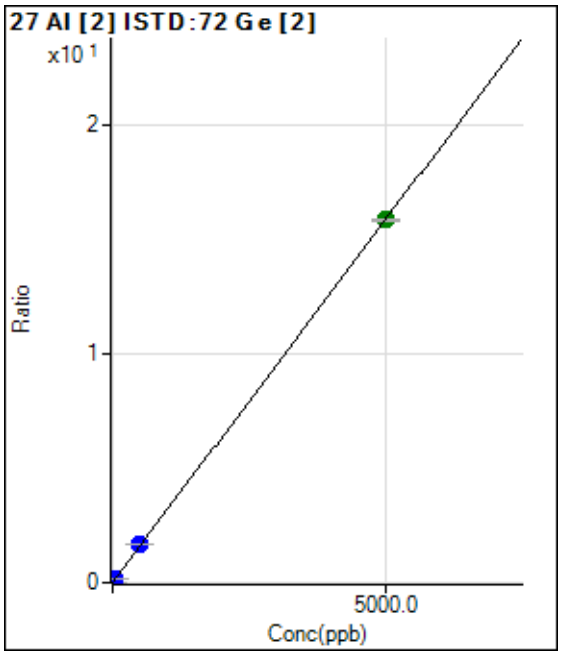
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	136.67	0.0004	P	68.9
2	☐	10.0000	10.7324	1456.80	0.0047	P	7.8
3	☐	100.0000	100.7228	13219.06	0.0402	P	3.5
4	☐	1000.0000	1029.0209	141558.65	0.4063	P	0.6
5	☐	10000.0000	9997.0899	1402574.51	3.9438	A	0.7
6	☐	2000.0000					

y = 3.9446E-004 * x + 4.2903E-004
R = 1.0000
DL = 2.249
BEC = 1.088

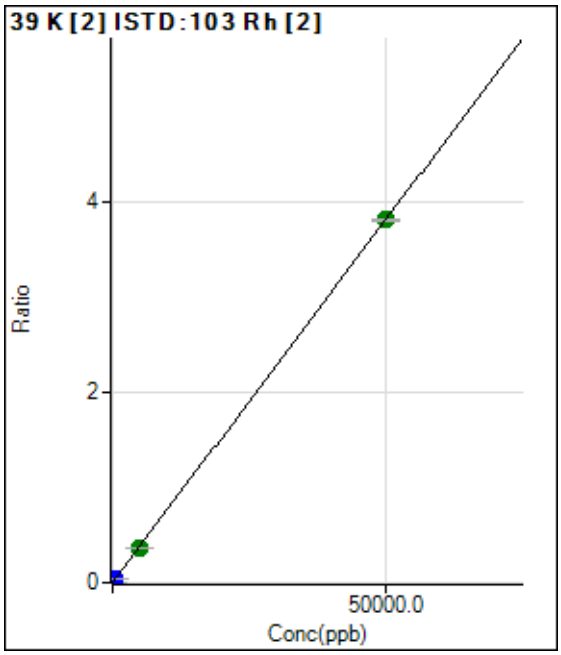
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	283.35	0.0023	P	21.6
2	☐	5.0000	5.0974	2250.25	0.0185	P	2.5
3	☐	50.0000	53.0702	21467.74	0.1704	P	4.4
4	☐	500.0000	522.4419	225931.79	1.6565	P	0.9
5	☐	5000.0000	4997.7250	2235123.40	15.8262	A	0.7
6	☐	1000.0000					

y = 0.0032 * x + 0.0023
R = 1.0000
DL = 0.4758
BEC = 0.7331

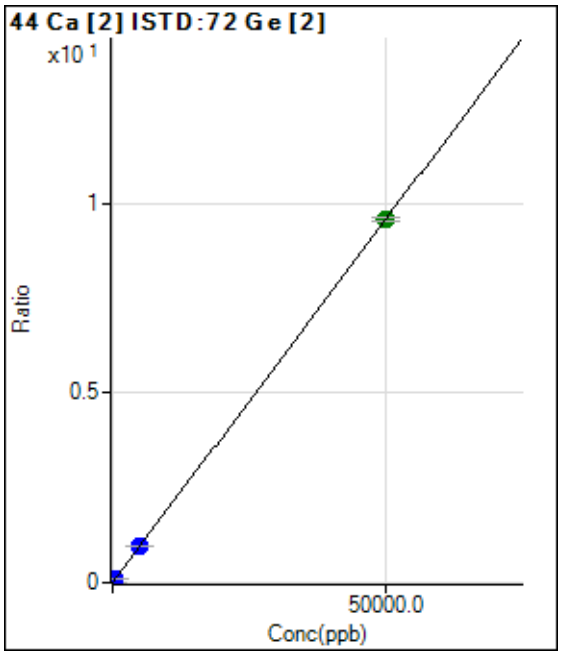
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	5144.37	0.0015	P	10.5
2	☐	50.0000	55.8567	19368.77	0.0057	P	2.7
3	☐	500.0000	466.7684	129704.41	0.0370	P	2.3
4	☐	5000.0000	4719.5652	1316851.25	0.3606	A	1.5
5	☐	50000.0000	50028.3699	12785243.98	3.8083	A	0.5
6	☐	10000.0000					

y = 7.6094E-005 * x + 0.0015
R = 1.0000
DL = 6.061
BEC = 19.26

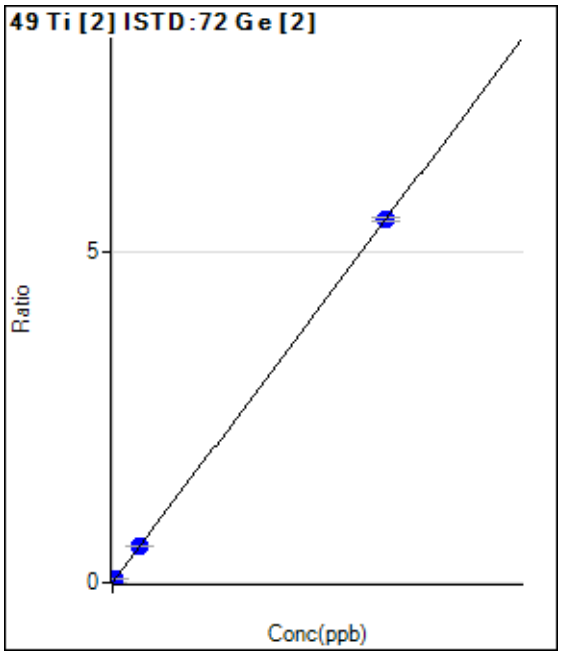
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	344.80	0.0028	P	13.7
2	☐	50.0000	60.7167	1758.02	0.0144	P	12.3
3	☐	500.0000	526.6314	13048.52	0.1036	P	7.0
4	☐	5000.0000	5082.5535	133022.11	0.9753	P	1.7
5	☐	50000.0000	49991.4676	1351302.58	9.5680	A	1.1
6	☐	10000.0000					

y = 1.9134E-004 * x + 0.0028
R = 1.0000
DL = 6.032
BEC = 14.71

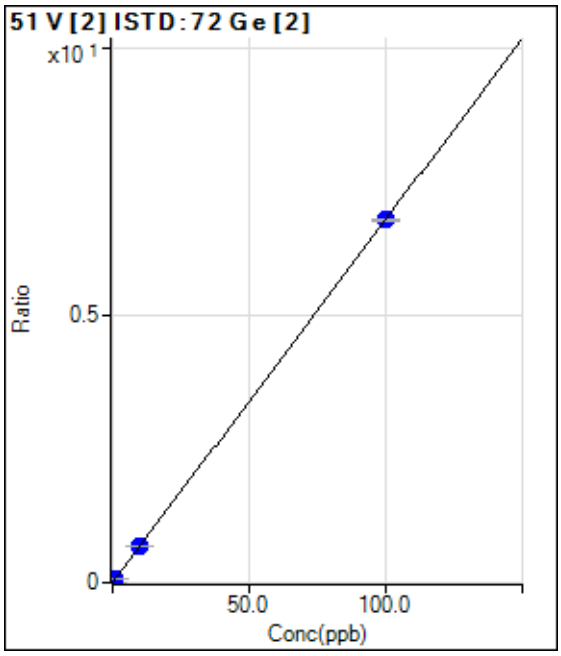
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	13.33	0.0001	P	86.6
2	☐	3.0000	2.9288	666.72	0.0055	P	23.2
3	☐	30.0000	29.9071	6911.74	0.0548	P	4.1
4	☐	300.0000	305.6479	76297.23	0.5594	P	1.1
5	☐	3000.0000	2999.4362	775163.17	5.4886	P	0.9
6	☐	400.0000					

y = 0.0018 * x + 1.0687E-004
R = 1.0000
DL = 0.1517
BEC = 0.0584

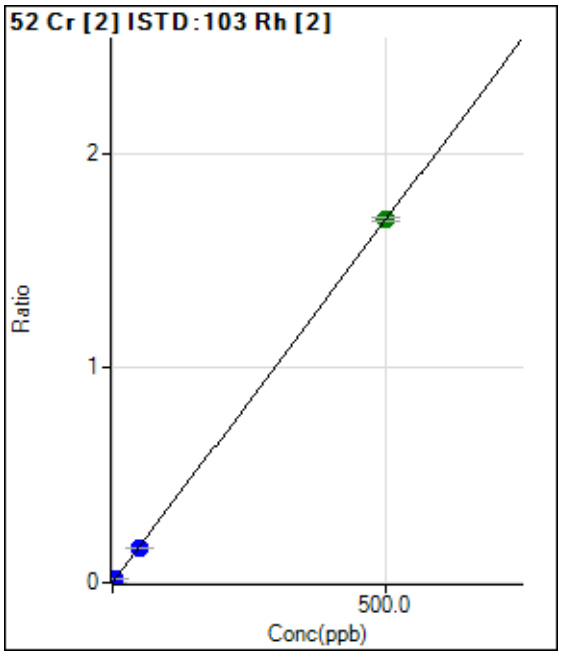
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	171.33	0.0014	P	14.4
2	☐	0.1000	0.1137	1110.38	0.0091	P	5.3
3	☐	1.0000	1.0280	8957.76	0.0711	P	3.8
4	☐	10.0000	10.0572	93161.53	0.6830	P	1.1
5	☐	100.0000	99.9940	957332.12	6.7785	P	0.8
6	☐	20.0000					

y = 0.0678 * x + 0.0014
R = 1.0000
DL = 0.00897
BEC = 0.02069

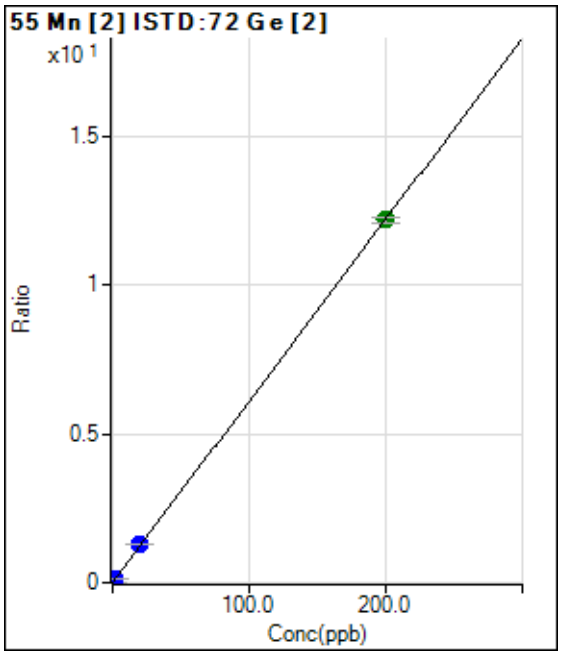
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	271.12	0.0001	P	10.5
2	☐	0.5000	0.4673	5613.26	0.0017	P	2.9
3	☐	5.0000	4.7073	56077.06	0.0160	P	2.3
4	☐	50.0000	48.2257	595600.38	0.1631	P	1.4
5	☐	500.0000	500.1804	5676313.94	1.6908	A	1.0
6	☐	100.0000					

y = 0.0034 * x + 7.7258E-005
R = 1.0000
DL = 0.007223
BEC = 0.02286

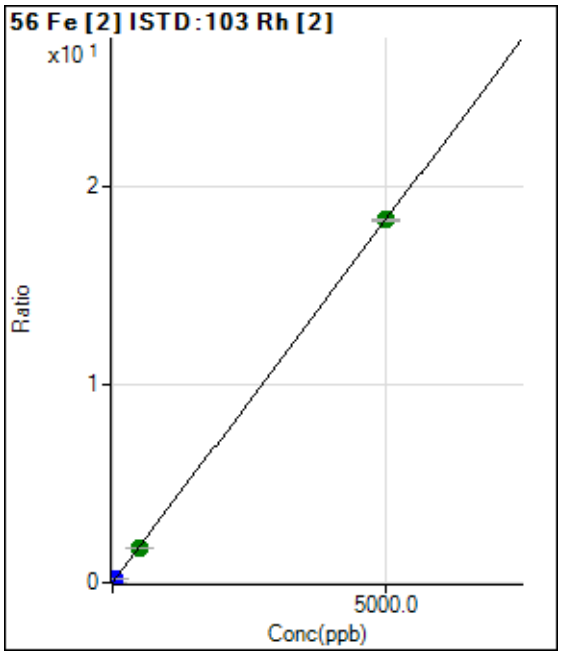
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	437.79	0.0036	P	11.2
2	☐	0.2000	0.2254	2110.17	0.0173	P	7.7
3	☐	2.0000	2.1547	17018.99	0.1350	P	3.4
4	☐	20.0000	21.2751	177498.97	1.3014	P	2.3
5	☐	200.0000	199.8709	1722520.56	12.1966	A	1.6
6	☐	40.0000					

y = 0.0610 * x + 0.0036
R = 1.0000
DL = 0.01957
BEC = 0.05843

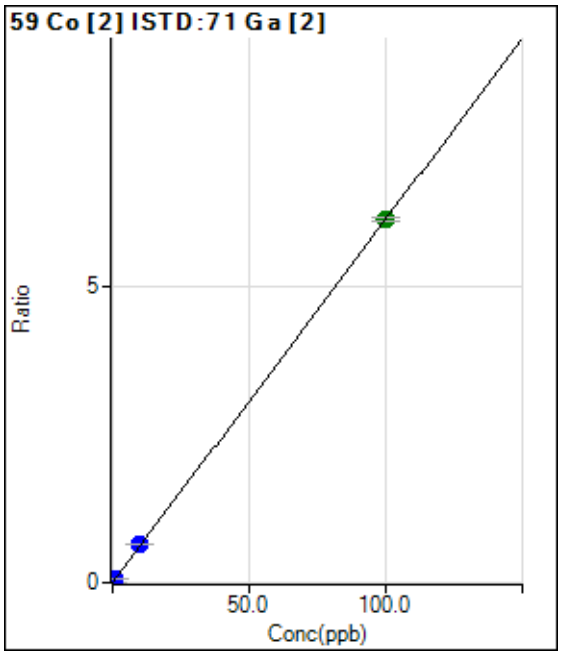
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	6744.97	0.0019	P	7.1
2	☐	5.0000	5.5206	75098.60	0.0222	P	1.6
3	☐	50.0000	49.1005	638051.55	0.1819	P	3.0
4	☐	500.0000	481.5628	6454810.53	1.7676	A	1.5
5	☐	5000.0000	5001.8522	61572894.08	18.3411	A	0.3
6	☐	1000.0000					

y = 0.0037 * x + 0.0019
R = 1.0000
DL = 0.1113
BEC = 0.5242

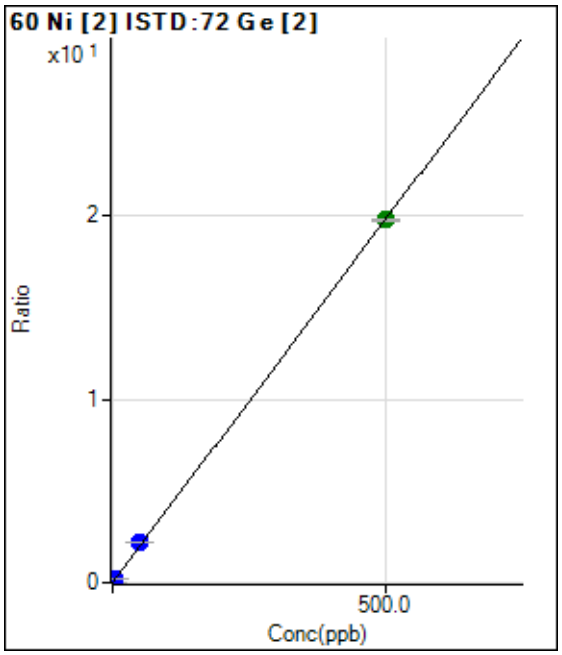
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	65.55	0.0002	P	19.1
2	☐	0.1000	0.0998	1977.93	0.0063	P	1.5
3	☐	1.0000	1.0536	21337.36	0.0648	P	3.3
4	☐	10.0000	10.5198	224907.52	0.6456	P	0.9
5	☐	100.0000	99.9475	2180627.69	6.1319	A	0.9
6	☐	20.0000					

y = 0.0613 * x + 2.0490E-004
R = 1.0000
DL = 0.001916
BEC = 0.00334

Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	46.66	0.0004	P	36.0
2	☐	0.5000	0.5782	2836.96	0.0233	P	6.8
3	☐	5.0000	5.6726	28354.61	0.2250	P	5.6
4	☐	50.0000	55.2716	298608.23	2.1893	P	1.1
5	☐	500.0000	499.4660	2793624.27	19.7807	A	0.4
6	☐	100.0000					

y = 0.0396 * x + 3.8353E-004

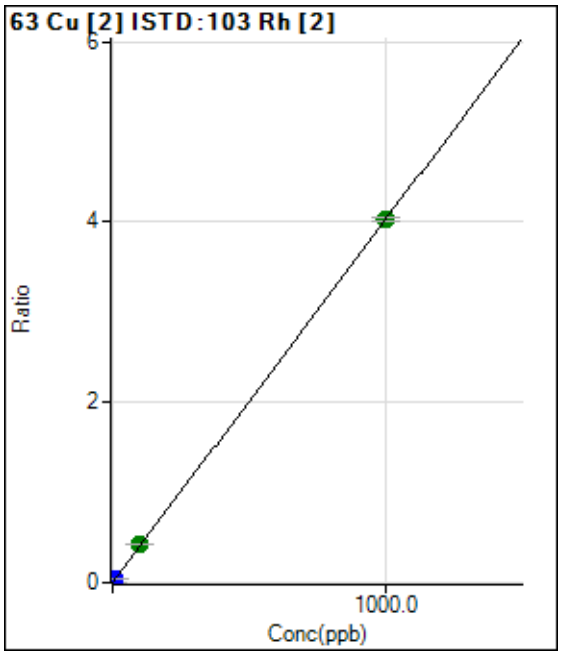
R = 0.9999

DL = 0.01046

BEC = 0.009684

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	3827.18	0.0011	P	0.5
2	☐	1.0000	1.0319	17773.15	0.0052	P	1.1
3	☐	10.0000	10.2714	148823.95	0.0424	P	1.9
4	☐	100.0000	103.4372	1524512.55	0.4174	A	0.4
5	☐	1000.0000	999.6535	13511656.68	4.0249	A	1.0
6	☐	200.0000					

y = 0.0040 * x + 0.0011

R = 1.0000

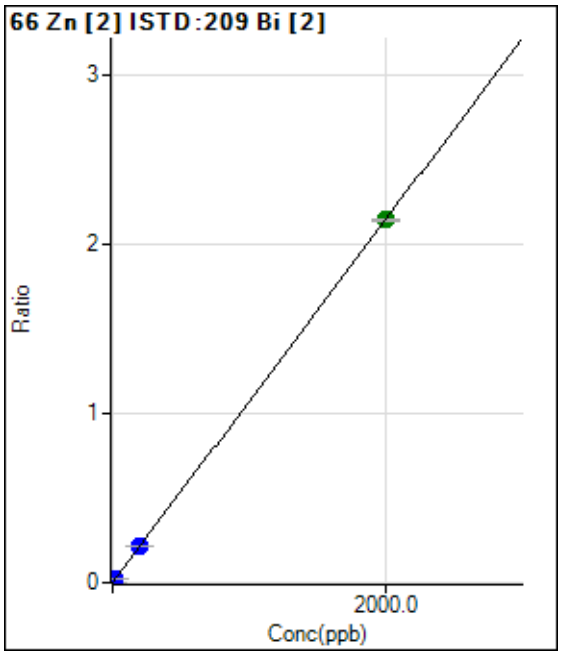
DL = 0.004334

BEC = 0.2709

Weight: None

Min Conc: <None>

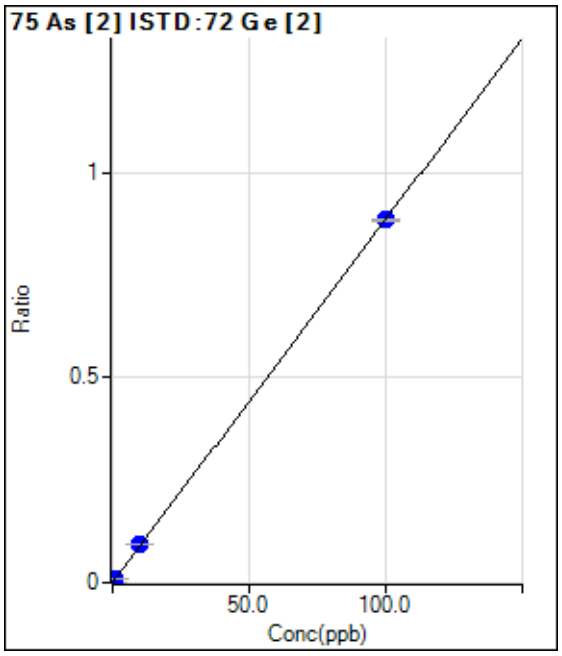
Calibration for 008CALS_22F16n00.D



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	616.70	0.0002	P	9.5
2	☐	2.0000	2.0681	7041.92	0.0024	P	5.4
3	☐	20.0000	19.6155	62885.75	0.0212	P	0.9
4	☐	200.0000	201.1685	644272.64	0.2157	P	2.9
5	☐	2000.0000	1999.8869	5570113.04	2.1423	A	0.3
6	☐	400.0000					

y = 0.0011 * x + 2.0712E-004
R = 1.0000
DL = 0.05518
BEC = 0.1934

Weight: None
Min Conc: <None>

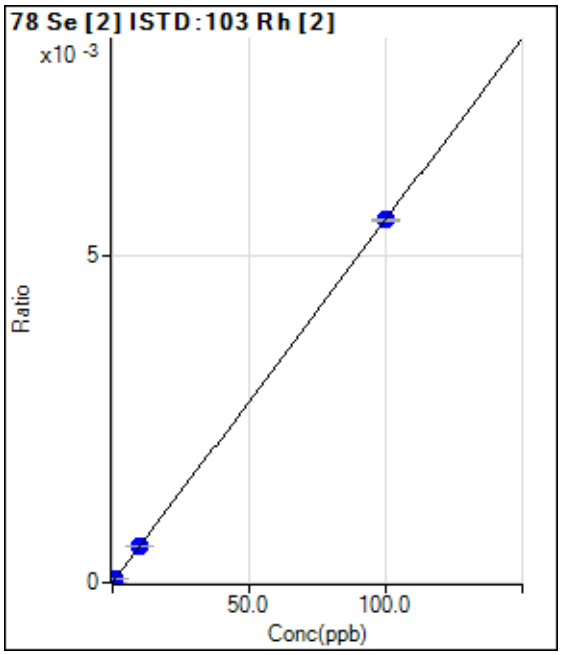


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	4.33	0.0000	P	28.4
2	☐	0.1000	0.1018	114.00	0.0009	P	15.2
3	☐	1.0000	1.1156	1248.05	0.0099	P	4.6
4	☐	10.0000	10.5628	12749.00	0.0935	P	1.6
5	☐	100.0000	99.9426	124861.53	0.8841	P	0.9
6	☐	20.0000					

y = 0.0088 * x + 3.5521E-005
R = 1.0000
DL = 0.003424
BEC = 0.004016

Weight: None
Min Conc: <None>

Calibration for 008CALS_22F16n00.D



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	0.00	0.0000	P	
2	☐	0.1000	0.1065	20.00	0.0000	P	17.9
3	☐	1.0000	0.9711	188.53	0.0001	P	8.0
4	☐	10.0000	9.9989	2022.13	0.0006	P	2.9
5	☐	100.0000	100.0004	18592.44	0.0055	P	0.4
6	☐	20.0000					

y = 5.5381E-005 * x + 0.0000E+000

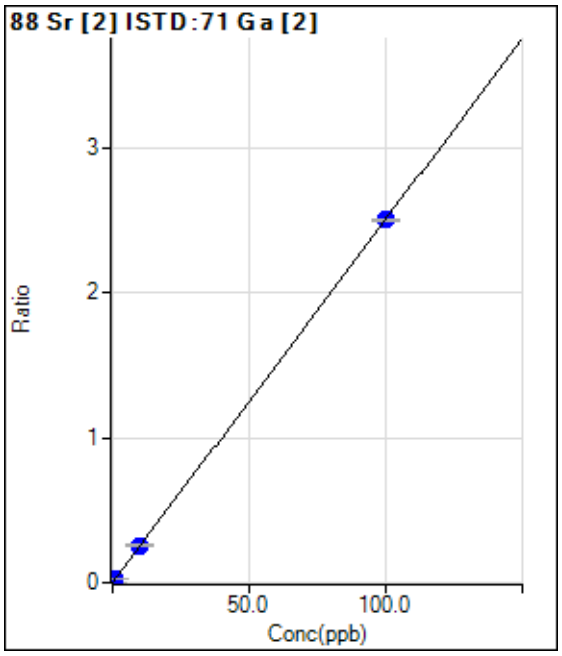
R = 1.0000

DL = 0

BEC = 0

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	70.00	0.0002	P	38.9
2	☐	0.1000	0.1279	1066.75	0.0034	P	23.3
3	☐	1.0000	1.0128	8409.28	0.0255	P	5.5
4	☐	10.0000	10.2486	89335.46	0.2564	P	2.2
5	☐	100.0000	99.9750	888905.79	2.4994	P	0.8
6	☐	20.0000					

y = 0.0250 * x + 2.2004E-004

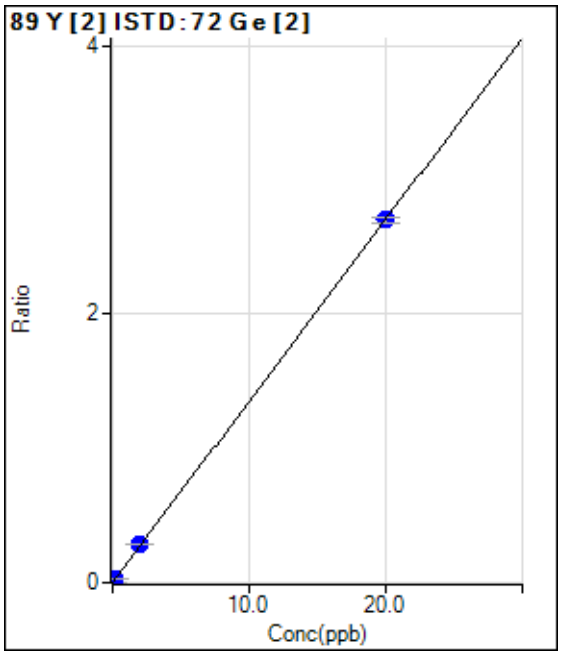
R = 1.0000

DL = 0.01026

BEC = 0.008802

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	13.33	0.0001	P	173.2
2	☐	0.0200	0.0206	353.35	0.0029	P	9.3
3	☐	0.2000	0.2141	3660.60	0.0291	P	6.7
4	☐	2.0000	2.0884	38537.59	0.2825	P	1.7
5	☐	20.0000	19.9910	381806.41	2.7034	P	1.3
6	☐	6.0000					

y = 0.1352 * x + 1.1297E-004

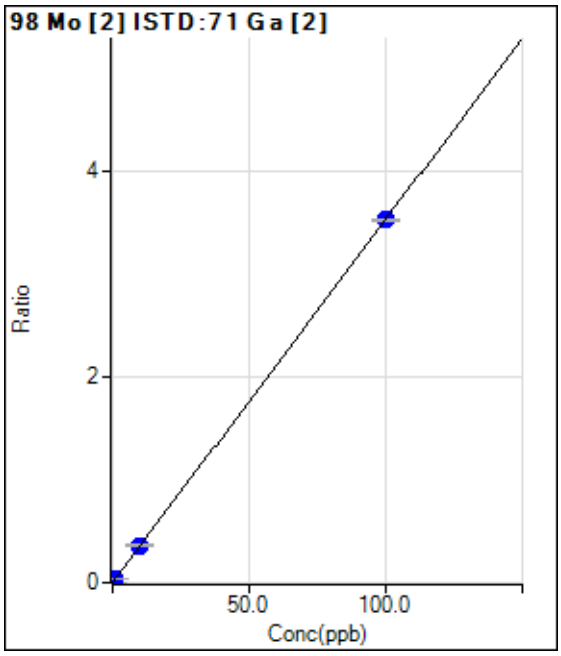
R = 1.0000

DL = 0.004341

BEC = 0.0008354

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	113.34	0.0004	P	35.8
2	☐	0.1000	0.0970	1180.06	0.0038	P	8.3
3	☐	1.0000	1.0350	12136.97	0.0369	P	4.5
4	☐	10.0000	10.3118	126927.70	0.3644	P	2.0
5	☐	100.0000	99.9685	1255088.39	3.5292	P	0.7
6	☐	20.0000					

y = 0.0353 * x + 3.5430E-004

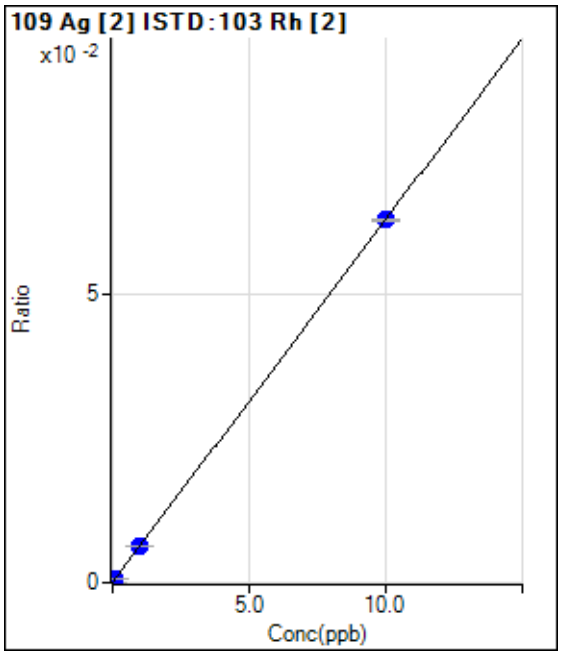
R = 1.0000

DL = 0.01078

BEC = 0.01004

Weight: None

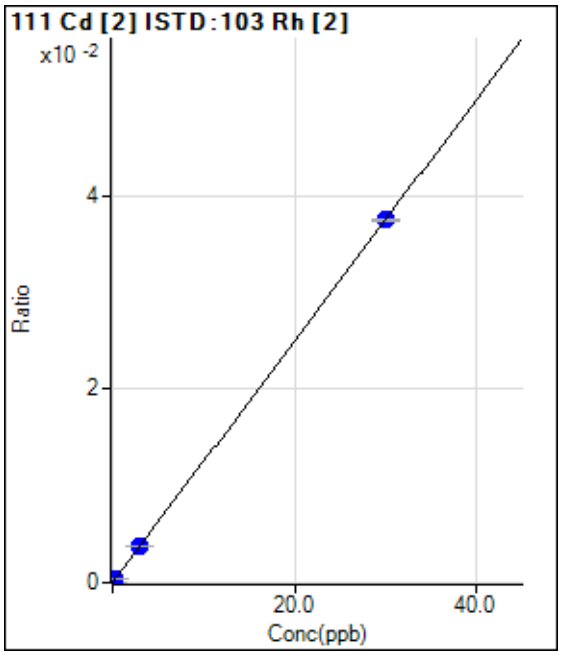
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	141.11	0.0000	P	14.4
2	☐	0.0100	0.0095	338.90	0.0001	P	8.7
3	☐	0.1000	0.1017	2380.21	0.0007	P	6.0
4	☐	1.0000	1.0120	23342.94	0.0064	P	2.3
5	☐	10.0000	9.9988	210839.06	0.0628	P	0.6
6	☐	2.0000					

y = 0.0063 * x + 4.0229E-005
R = 1.0000
DL = 0.002763
BEC = 0.006409

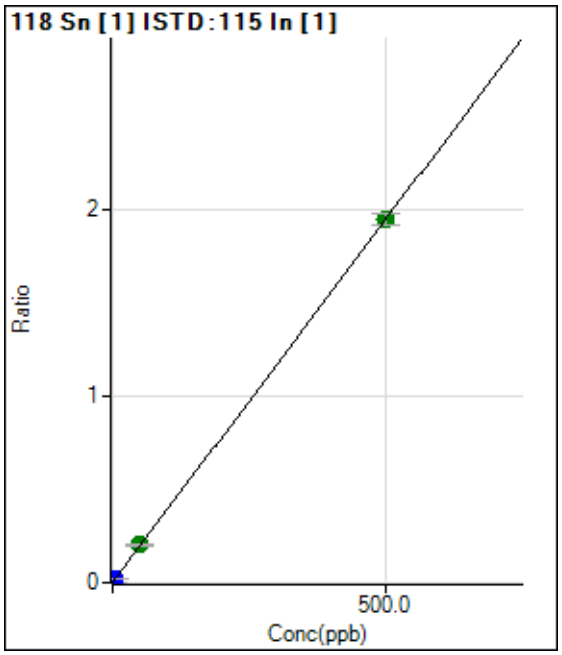
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	0.66	0.0000	P	175.8
2	☐	0.0300	0.0312	132.55	0.0000	P	21.5
3	☐	0.3000	0.3118	1366.87	0.0004	P	4.2
4	☐	3.0000	3.0050	13711.46	0.0038	P	1.5
5	☐	30.0000	29.9994	125828.41	0.0375	P	0.5
6	☐	6.0000					

y = 0.0012 * x + 1.8691E-007
R = 1.0000
DL = 0.0007892
BEC = 0.0001496

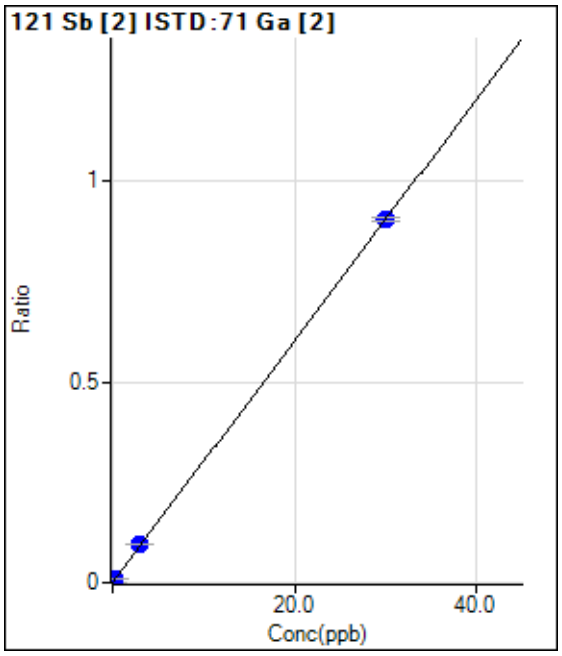
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	12789.14	0.0011	P	5.4
2	☐	0.5000	0.7088	41900.91	0.0039	P	6.1
3	☐	5.0000	5.0367	229866.71	0.0208	P	2.5
4	☐	50.0000	51.5576	2331426.95	0.2018	A	4.8
5	☐	500.0000	499.8437	21825716.34	1.9469	A	3.1
6	☐	100.0000					

y = 0.0039 * x + 0.0011
R = 1.0000
DL = 0.04817
BEC = 0.295

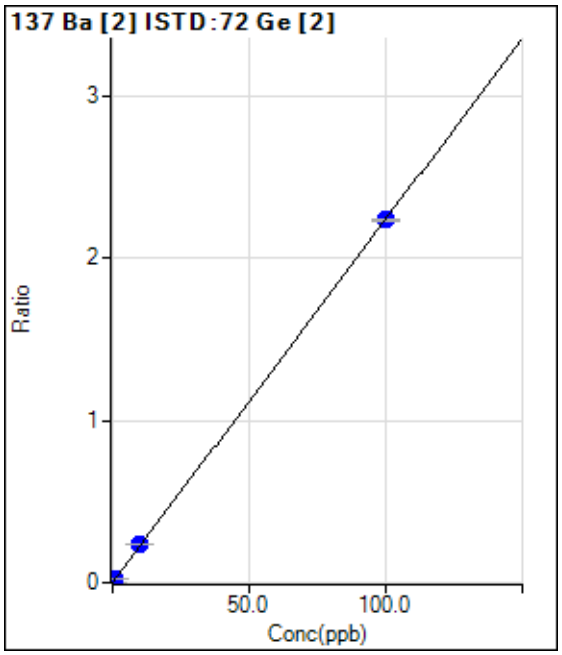
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	91.11	0.0003	P	4.1
2	☐	0.0300	0.0322	392.23	0.0013	P	1.8
3	☐	0.3000	0.3226	3295.95	0.0100	P	2.0
4	☐	3.0000	3.1515	33188.44	0.0953	P	2.1
5	☐	30.0000	29.9846	321528.84	0.9041	P	1.0
6	☐	6.0000					

y = 0.0301 * x + 2.8515E-004
R = 1.0000
DL = 0.00116
BEC = 0.00946

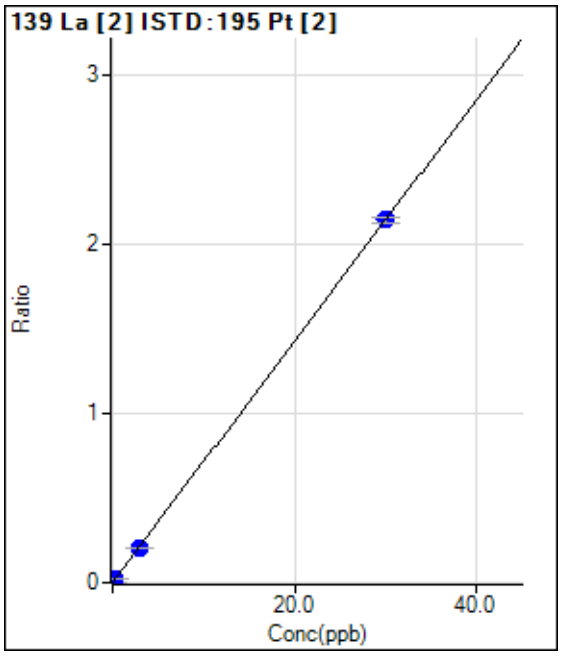
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	33.33	0.0003	P	90.5
2	☐	0.1000	0.1160	350.02	0.0029	P	24.2
3	☐	1.0000	1.0884	3100.46	0.0246	P	9.8
4	☐	10.0000	10.5301	32168.00	0.2358	P	3.6
5	☐	100.0000	99.9461	315799.64	2.2361	P	0.2
6	☐	20.0000					

y = 0.0224 * x + 2.7406E-004
R = 1.0000
DL = 0.03327
BEC = 0.01225

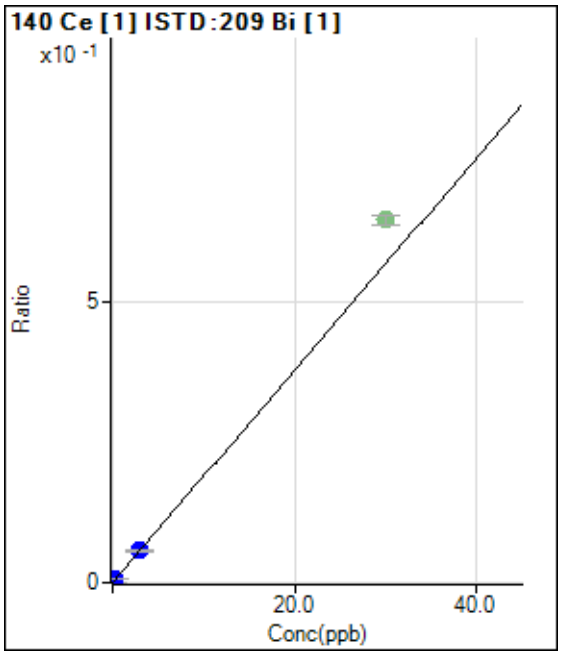
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	40.00	0.0001	P	75.1
2	☐	0.0300	0.0287	1113.43	0.0021	P	6.4
3	☐	0.3000	0.2770	10837.61	0.0199	P	6.9
4	☐	3.0000	2.8493	114251.69	0.2035	P	2.3
5	☐	30.0000	30.0153	1101914.33	2.1432	P	1.6
6	☐	6.0000					

y = 0.0714 * x + 7.4884E-005
R = 1.0000
DL = 0.002362
BEC = 0.001049

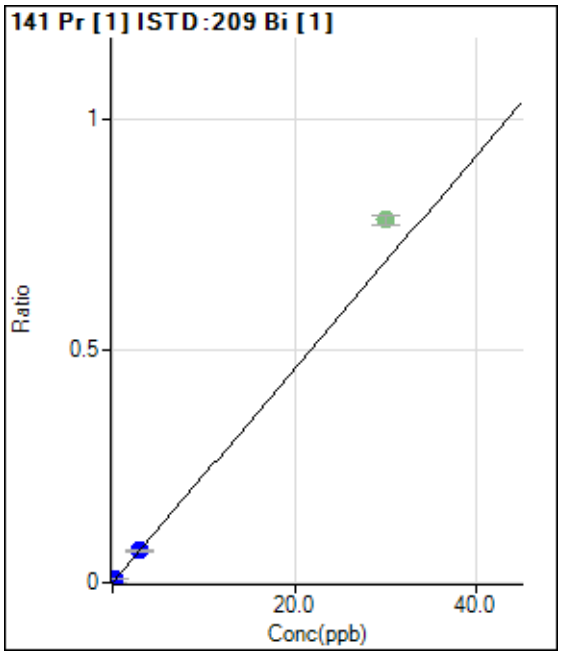
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	306.69	0.0000	P	13.5
2	☐	0.0300	0.0360	6311.55	0.0007	P	4.6
3	☐	0.3000	0.2932	50608.09	0.0056	P	3.1
4	☐	3.0000	3.0006	522240.83	0.0569	P	2.3
5	☑	30.0000		5365940.96	0.6472	A	2.7
6	☐	6.0000					

y = 0.0190 * x + 3.3126E-005
R = 1.0000
DL = 0.0007063
BEC = 0.001747

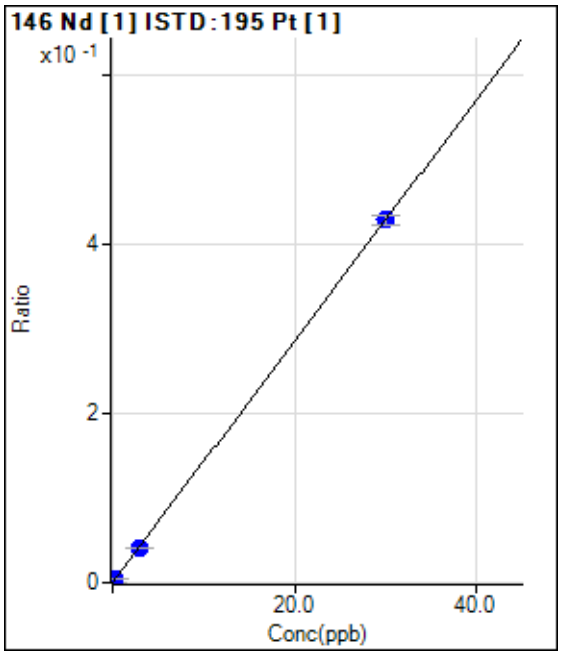
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	23.33	0.0000	P	68.2
2	☐	0.0300	0.0292	5961.40	0.0007	P	7.3
3	☐	0.3000	0.2966	61871.42	0.0068	P	2.8
4	☐	3.0000	3.0004	634305.42	0.0691	P	2.7
5	☑	30.0000		6480073.45	0.7816	A	2.9
6	☐	6.0000					

y = 0.0230 * x + 2.5504E-006
R = 1.0000
DL = 0.0002264
BEC = 0.0001107

Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	33.33	0.0000	P	45.1
2	☐	0.0300	0.0323	1230.11	0.0005	P	23.5
3	☐	0.3000	0.2777	10394.02	0.0040	P	8.3
4	☐	3.0000	2.8482	110650.70	0.0407	P	1.9
5	☐	30.0000	30.0154	1085206.83	0.4292	P	3.0
6	☐	6.0000					

y = 0.0143 * x + 1.2496E-005

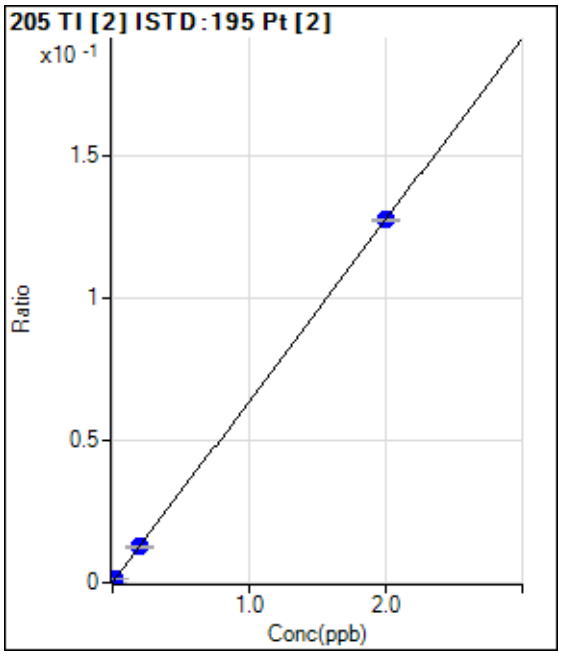
R = 1.0000

DL = 0.001181

BEC = 0.0008739

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	12.86	0.0000	P	51.1
2	☐	0.0020	0.0013	55.24	0.0001	P	24.1
3	☐	0.0200	0.0183	650.97	0.0012	P	1.5
4	☐	0.2000	0.1964	7052.19	0.0126	P	1.9
5	☐	2.0000	2.0004	65686.32	0.1278	P	0.9
6	☐	0.4000					

y = 0.0639 * x + 2.4045E-005

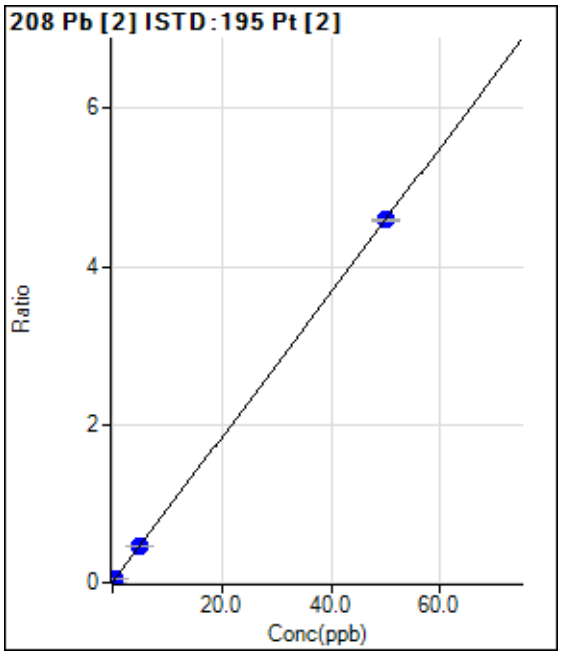
R = 1.0000

DL = 0.0005776

BEC = 0.0003766

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	1560.12	0.0029	P	14.0
2	☐	0.0500	0.0550	4170.44	0.0080	P	3.0
3	☐	0.5000	0.5254	27915.20	0.0511	P	2.5
4	☐	5.0000	5.0719	262907.97	0.4683	P	1.0
5	☐	50.0000	49.9925	2360041.46	4.5901	P	0.9
6	☐	10.0000					

y = 0.0918 * x + 0.0029

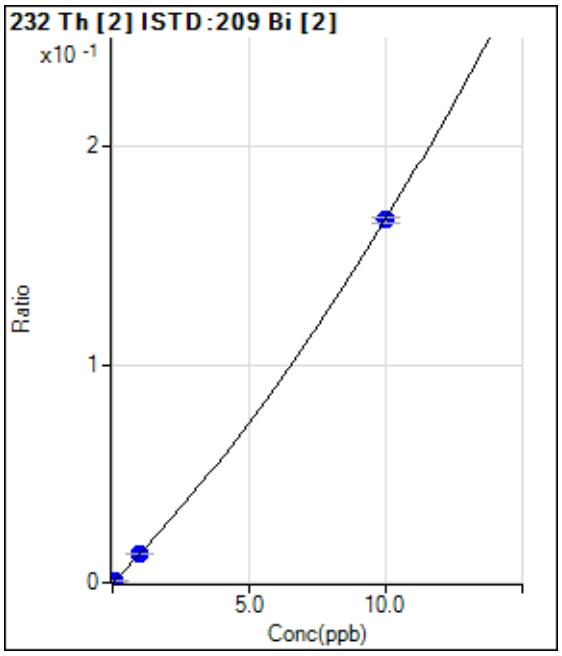
R = 1.0000

DL = 0.01331

BEC = 0.03177

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0006	22.22	0.0000	P	16.6
2	☐	0.0100	0.0206	764.48	0.0003	P	12.4
3	☐	0.1000	0.0850	3223.81	0.0011	P	8.7
4	☐	1.0000	1.0014	39333.47	0.0132	P	1.9
5	☐	10.0000	10.0000	432636.62	0.1664	P	1.8
6	☐	2.0000					

y = 3.8832E-004 * x ^ 2 + 0.0128 * x

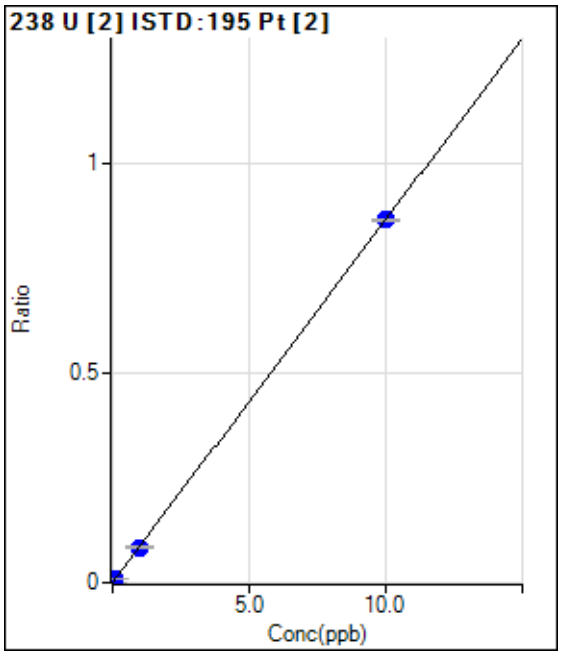
DL = 0.0002921

BEC = 0

Weight: None

Min Conc: <None>

Calibration for 008CALS_22F16n00.D



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	1.11	0.0000	P	173.2
2	☐	0.0100	0.0095	431.13	0.0008	P	15.0
3	☐	0.1000	0.0954	4515.22	0.0083	P	1.5
4	☐	1.0000	0.9762	47488.64	0.0846	P	1.6
5	☐	10.0000	10.0024	445580.74	0.8666	P	0.8
6	☐	2.0000					

y = 0.0866 * x + 2.0772E-006

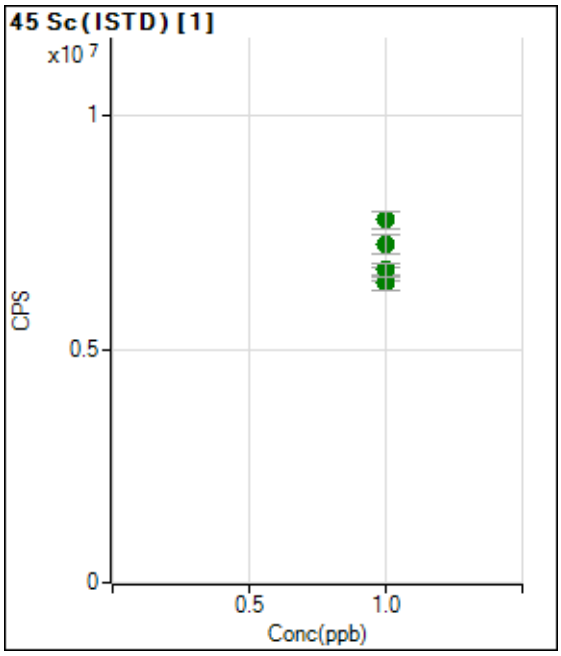
R = 1.0000

DL = 0.0001246

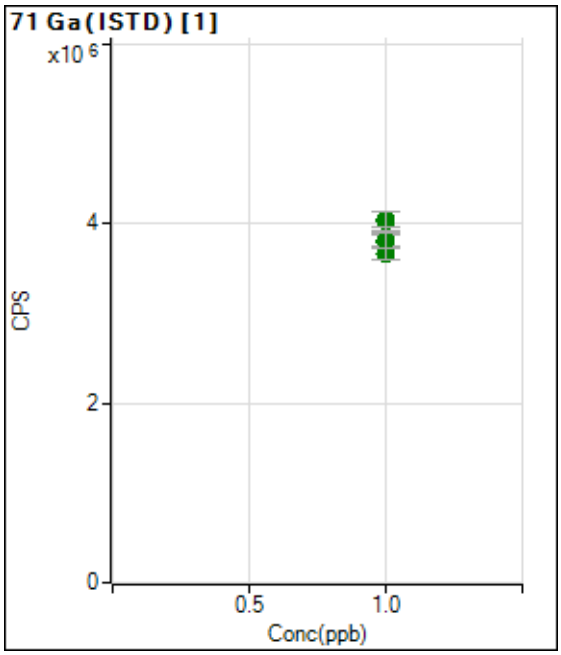
BEC = 2.398E-05

Weight: None

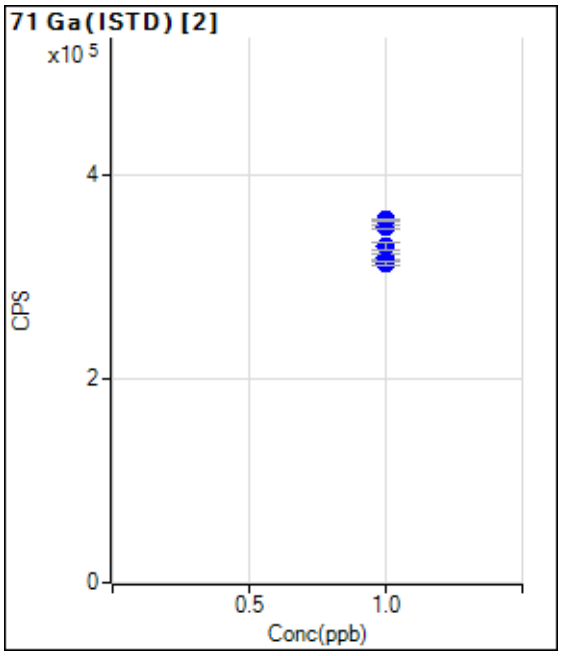
Min Conc: <None>



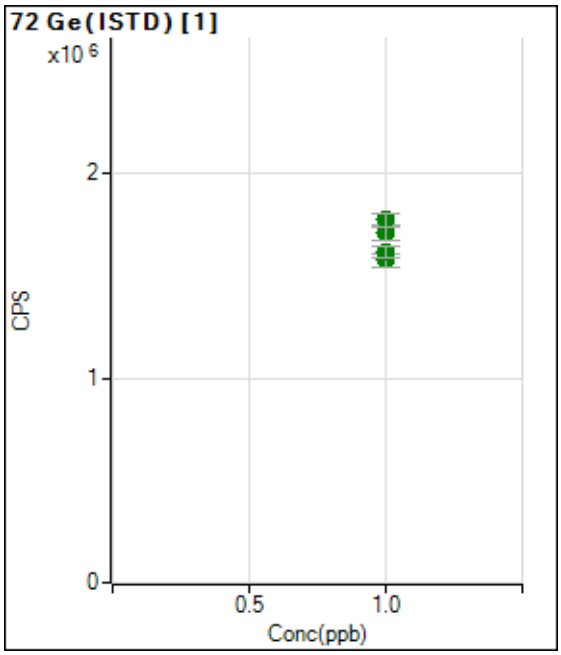
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		6615021.78		A	4.7
2	☐	1.0000		6422725.11		A	5.5
3	☐	1.0000		6707291.36		A	4.5
4	☐	1.0000		7265175.73		A	5.7
5	☐	1.0000		7776931.76		A	4.6
6	☐	1.0000					



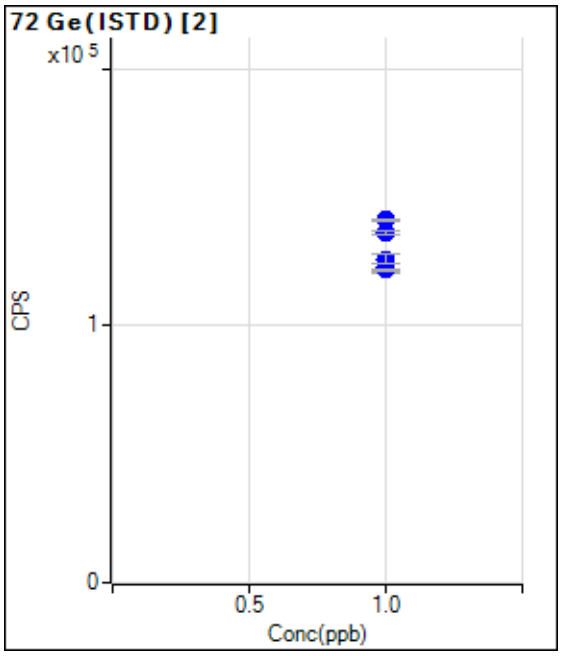
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		3797743.59		A	3.7
2	☐	1.0000		3669200.67		A	4.2
3	☐	1.0000		3814610.78		A	4.7
4	☐	1.0000		4014264.11		A	5.4
5	☐	1.0000		4037582.96		A	4.1
6	☐	1.0000					



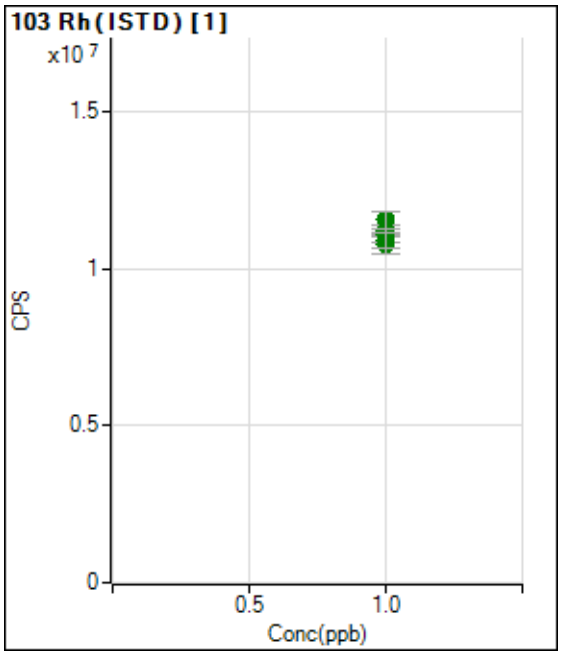
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		319396.41		P	1.5
2	☐	1.0000		312576.49		P	0.9
3	☐	1.0000		329192.26		P	2.2
4	☐	1.0000		348390.64		P	1.1
5	☐	1.0000		355635.28		P	0.7
6	☐	1.0000					



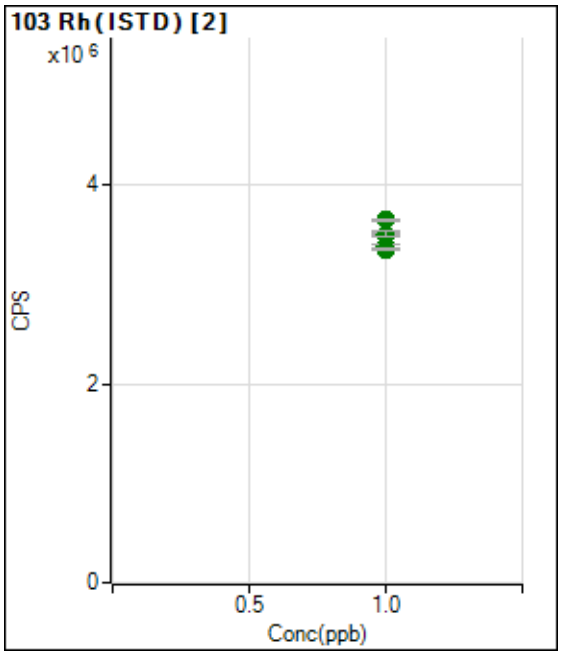
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		1616622.58		A	3.5
2	☐	1.0000		1576318.41		A	4.0
3	☐	1.0000		1614771.96		A	3.7
4	☐	1.0000		1710526.38		A	4.0
5	☐	1.0000		1774140.60		A	3.9
6	☐	1.0000					



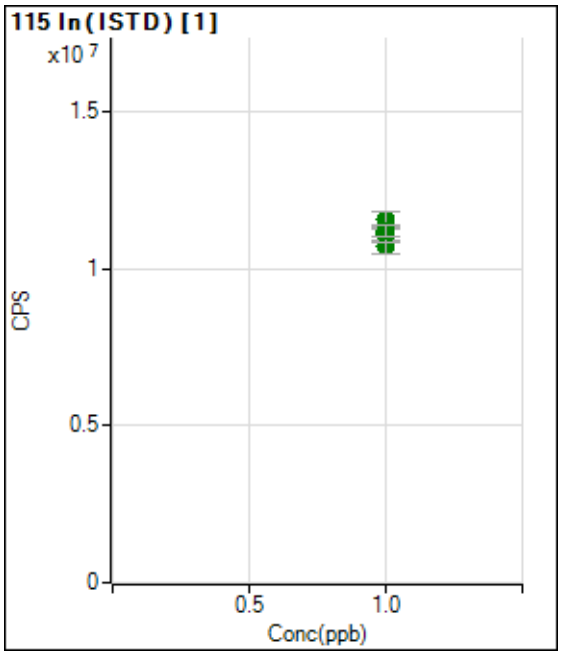
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		122522.69		P	3.2
2	☐	1.0000		121882.65		P	0.7
3	☐	1.0000		126120.72		P	2.8
4	☐	1.0000		136399.36		P	1.0
5	☐	1.0000		141229.55		P	0.2
6	☐	1.0000					



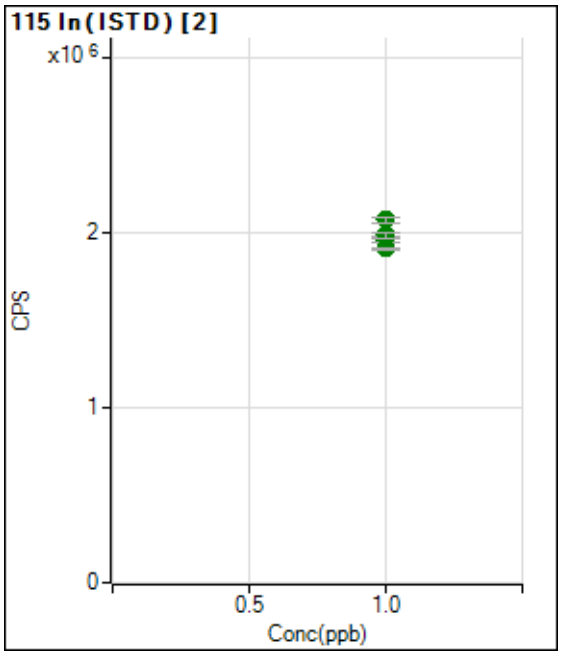
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		11227017.33		A	3.5
2	☐	1.0000		10782882.76		A	5.4
3	☐	1.0000		11119736.08		A	5.0
4	☐	1.0000		11569725.66		A	4.5
5	☐	1.0000		10914964.21		A	4.1
6	☐	1.0000					



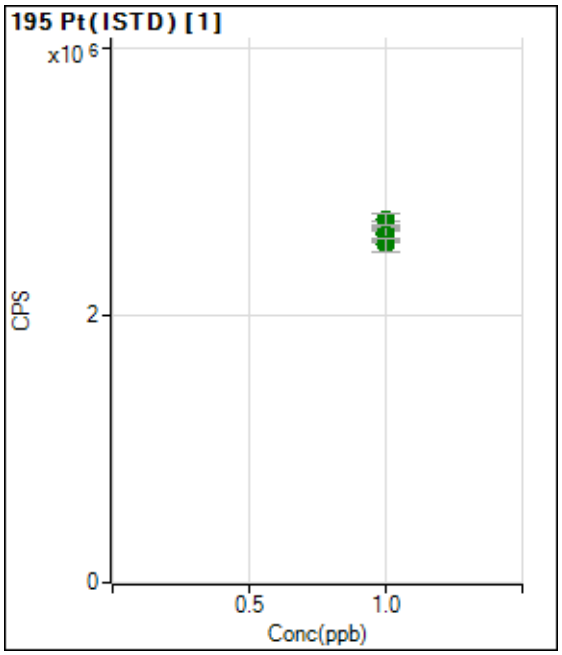
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		3510013.49		A	0.7
2	☐	1.0000		3388872.55		A	1.2
3	☐	1.0000		3507797.24		A	1.5
4	☐	1.0000		3651993.59		A	0.5
5	☐	1.0000		3357142.35		A	0.5
6	☐	1.0000					



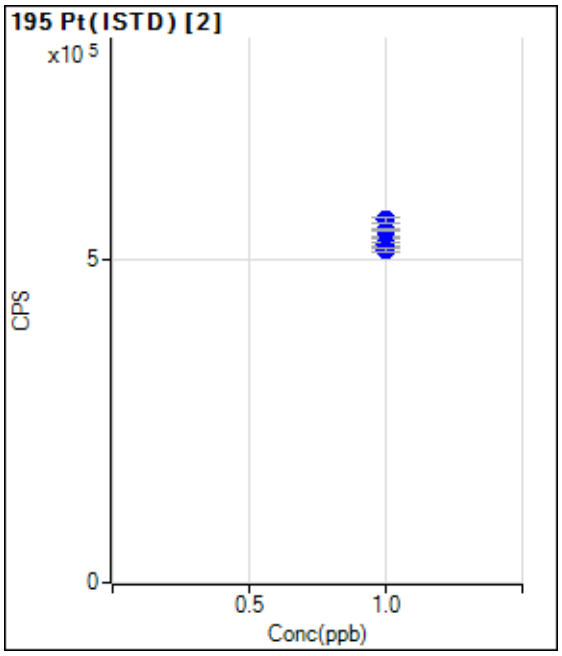
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		11149282.03		A	3.8
2	☐	1.0000		10746328.23		A	5.3
3	☐	1.0000		11082340.87		A	4.1
4	☐	1.0000		11567584.85		A	4.6
5	☐	1.0000		11218789.38		A	3.7
6	☐	1.0000					



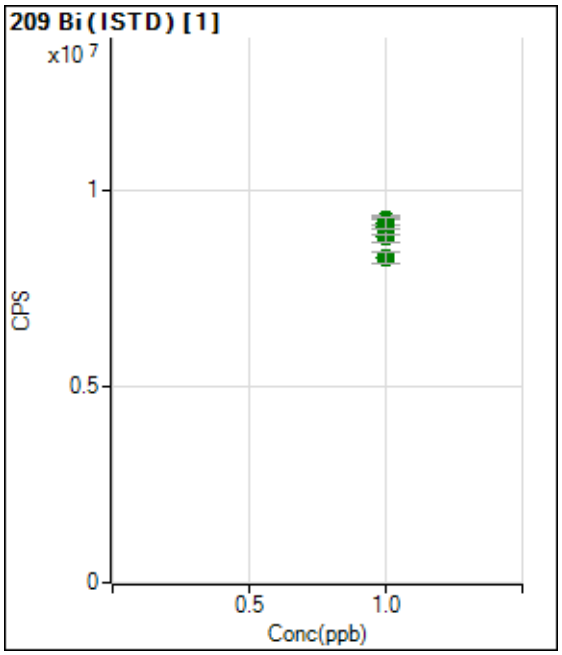
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		1954916.01		A	1.1
2	☐	1.0000		1909171.30		A	0.7
3	☐	1.0000		1984830.03		A	1.1
4	☐	1.0000		2071737.23		A	1.4
5	☐	1.0000		1983362.95		A	2.0
6	☐	1.0000					



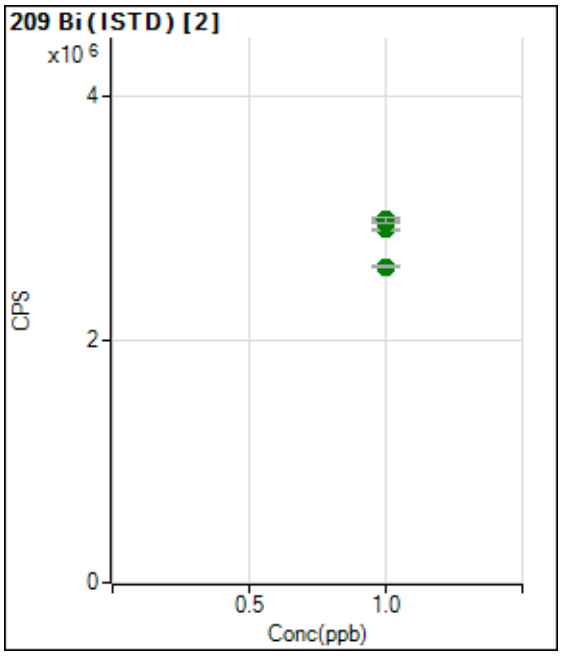
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		2667680.12		A	2.9
2	☐	1.0000		2602866.26		A	3.7
3	☐	1.0000		2614486.37		A	4.0
4	☐	1.0000		2717167.36		A	3.0
5	☐	1.0000		2530518.56		A	3.9
6	☐	1.0000					



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		535295.46		P	0.6
2	☐	1.0000		523772.87		P	0.7
3	☐	1.0000		546058.44		P	1.0
4	☐	1.0000		561456.59		P	1.3
5	☐	1.0000		514186.23		P	1.0
6	☐	1.0000					



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		9245652.57		A	3.0
2	☐	1.0000		8828875.08		A	3.9
3	☐	1.0000		9057278.62		A	4.4
4	☐	1.0000		9179344.03		A	3.2
5	☐	1.0000		8296560.92		A	3.6
6	☐	1.0000					



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		2975441.52		A	1.3
2	☐	1.0000		2907023.60		A	0.2
3	☐	1.0000		2963776.10		A	0.5
4	☐	1.0000		2988142.14		A	1.8
5	☐	1.0000		2600052.15		A	0.5
6	☐	1.0000					

QC Tune Report

Data File: C:\ICPMH\1\7500\QCTUNE.D
Date Acquired: 16 Jun 2022 10:12:14 am
Operator:
Misc Info:
Vial Number: 0
Current Method: C:\ICPMH\1\METHODS\2008TUNE.m

Minimum Response(CPS)

Element	Actual	Required	Flag

RSD (%)

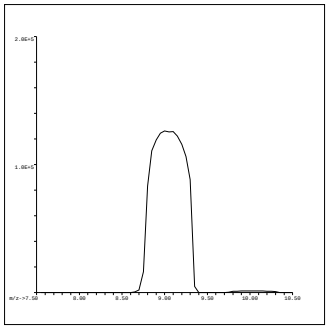
Element	Actual	Required	Flag
9 Be	1.53	5.00	
24 Mg	1.00	5.00	
25 Mg	1.37	5.00	
26 Mg	0.86	5.00	
59 Co	1.10	5.00	
115 In	0.52	5.00	
206 Pb	0.77	5.00	
207 Pb	1.73	5.00	
208 Pb	0.99	5.00	

Ion Ratio

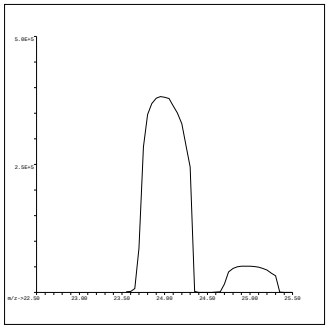
Element	Actual	Required	Flag

Maximum Bkg. Count(CPS)

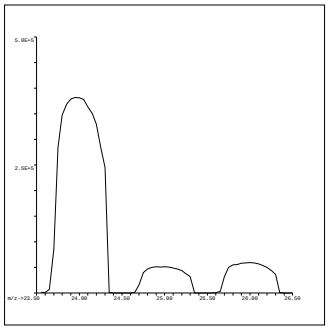
Element	Actual	Required	Flag



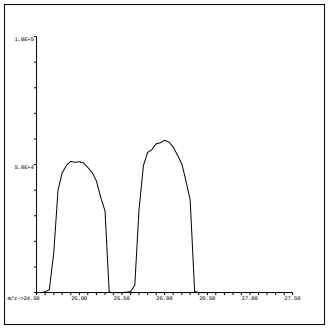
9 Be
Mass Calib.
   Actual: 9.05
   Required: 8.90-9.10
   Flag:
Peak Width
   Actual: 0.55
   Required: 0.80
   Flag:



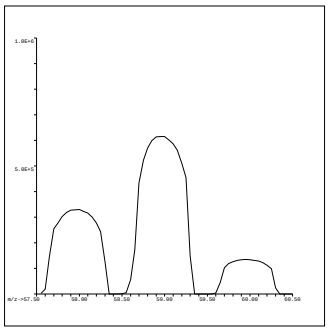
24 Mg
Mass Calib.
   Actual: 23.95
   Required: 23.90-24.10
   Flag:
Peak Width
   Actual: 0.60
   Required: 0.80
   Flag:



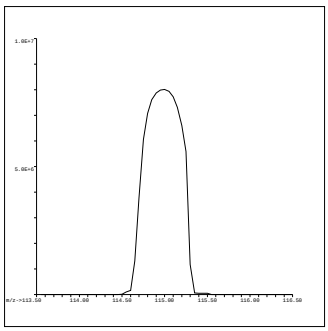
25 Mg
Mass Calib.
   Actual: 24.95
   Required: 24.90-25.10
   Flag:
Peak Width
   Actual: 0.60
   Required: 0.80
   Flag:



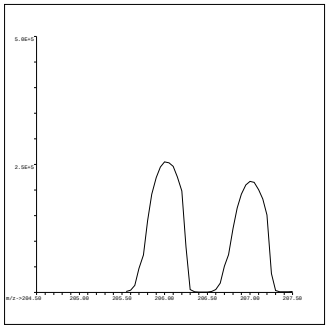
26 Mg
Mass Calib.
   Actual: 26.00
   Required: 25.90-26.10
   Flag:
Peak Width
   Actual: 0.60
   Required: 0.80
   Flag:



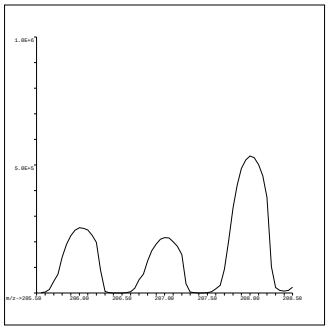
59 Co
Mass Calib.
   Actual: 58.95
   Required: 58.90-59.10
   Flag:
Peak Width
   Actual: 0.70
   Required: 0.80
   Flag:



115 In
Mass Calib.
   Actual: 115.00
   Required: 114.90-115.10
   Flag:
Peak Width
   Actual: 0.65
   Required: 0.80
   Flag:

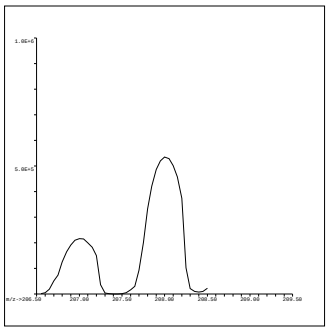


206 Pb
Mass Calib.
   Actual: 206.05
   Required: 205.90-206.10
   Flag:
Peak Width
   Actual: 0.55
   Required: 0.80
   Flag:



207 Pb
Mass Calib.
   Actual: 207.00
   Required: 206.90-207.10
   Flag:
Peak Width
   Actual: 0.60
   Required: 0.80
   Flag:

C:\ICPMH\1\7500\QCTUNE.D



208 Pb
Mass Calib.
   Actual: 208.00
   Required: 207.90-208.10
   Flag:
Peak Width
   Actual: 0.55
   Required: 0.80
   Flag:

QC Tune Result:Pass

Header Information for Analytical Run: HG220609-1A1

Instrument: Teledyne Leeman Labs Mercury Analyzer M-7600; Serial: US21006002
Software: QuickTrace 3.2.0
Date of Analysis: 06/09/2022
Analyst: HLR

Standards:

Stock A: 10ppm (ST220517-1)

Stock B: 10ppm (ST220517-2)

Reagents:

HNO_3: RG220228-1; **HCL:** RG220512-1; **SNCL:** RG220414-4; **$KMNO_4$**: RG220526-3; **HYDROXYLAMINE SULFATE:** RG220526-2; **H_2SO_4:** RG220414-1; **$K_2S_2O_8$:** RG220415-5

Pipettes Used:

M-100: 0.1 mL to 1.0 mL

M-101: 0.01 mL to 0.1 mL

M-102: 1.0 mL to 5.0 mL

Method of Dilution:

2X: Dilution made by diluting 2.5 mL of sample to a 5 mL final volume.

5X: Dilution made by diluting 1 mL of sample to a 5 mL final volume.

10x: Dilution made by diluting 0.5 mL of sample to a 5 mL final volume

20x: Dilution made by diluting 0.25 mL of sample to a 5 mL final volume

50x: Dilution made by diluting 0.1 mL of sample to a 5 mL final volume

100X: Dilution made by diluting 0.05 mL of sample to a 5 mL final volume

500X: Dilution made by diluting a 5X dilution 100X mL

1000X: Dilution made by diluting a 10X dilution 100X. Final/Sample

Daily Maintenance:

1. Check/change peristaltic pump tubing.
2. Check gas liquid separator for deposits, clean if necessary.
3. Check/refill rinse water and stannous chloride reservoirs.
4. Record Hg intensity/Hg lamp current.

Daily Maintenance done by: **HLR**

Monthly Maintenance:

1. Clean sample and reference cells.
2. Check/change Nafion drying cartridge.
3. Check/change GLS capillary inlet.

Monthly Maintenance done by: **HLR 05/07/2022**

Report Generated By Teledyne Leeman QuickTrace

Analyst: haley.richards

Worksheet file: C:\Users\Public\Documents\Teledyne CETAC\QuickTrace\Worksheets\HG220610-1.wszf

Creation Date: 6/9/2022 11:21:46 AM

Comment:

Results

Sample Name				Type	Conc (ppb)	µAbs	%RSD	Residual	Flags	% Recovery
Calibration Blank				STD	0.00	889	6.74			N/A
Replicates	830.7	853.5	907.3	965.0						
Standard #1 (0.2 ppb)				STD	0.20	3096	7.75	0.36%		N/A
Replicates	2825.7	2990.5	3189.5	3378.1						
Standard #2 (0.5 ppb)				STD	0.50	6584	7.93	-0.34%		N/A
Replicates	5996.7	6359.0	6774.0	7205.2						
Standard #3 (1 ppb)				STD	1.00	12659	7.74	1.15%		N/A
Replicates	11549.6	12256.8	13002.6	13827.8						
Standard #4 (2 ppb)				STD	2.00	24111	8.10	-1.89%		N/A
Replicates	21848.6	23331.9	24891.1	26372.3						
Standard #5 (5 ppb)				STD	5.00	62692	8.25	0.38%		N/A
Replicates	56801.7	60563.8	64590.1	68812.6						
Standard #6 (10 ppb)				STD	10.00	131245	8.06	-0.03%		N/A
Replicates	118996.0	127058.6	135385.6	143539.1						

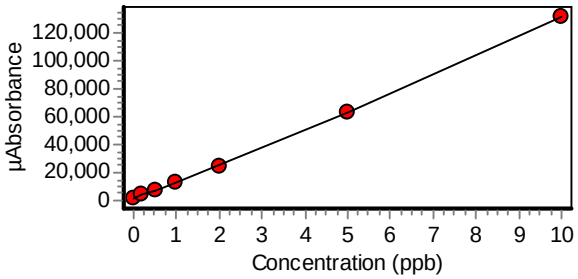
Calibration

Equation: Abs = 143.22359x*x + 11621.010x + 757.473

R2: 0.99998 RSE: 1.33%

SEE: 280.0097

Flags:



ICV				ICV	0.93	11635	9.66			92.54
Replicates	10415.9	11211.8	12021.6	12889.0						
ICB				ICB	-0.01	648	63.71			N/A
Replicates	559.8	639.9	661.4	729.6						
CRA				UNK	0.20	3106	10.40			N/A
Replicates	2834.3	2994.8	3198.5	3398.1						
EX220607-3MB				UNK	0.00	707	90.70			N/A
Replicates	657.1	691.1	711.6	767.0						
EX220608-3MB				UNK	0.00	768	590.69			N/A
Replicates	694.7	741.1	817.1	818.1						
HG220609-1LCS				UNK	1.17	14510	6.18			N/A
Replicates	13537.0	14146.1	14821.1	15534.9						

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Sample Name				Type	Conc (ppb)	µAbs	%RSD	Residual	Flags	% Recovery
HG220609-1LCSD				UNK	1.13	14079	7.44			N/A
Replicates	12970.1	13623.1	14434.6	15287.8						
2206010-2				UNK	-0.01	687	78.55			N/A
Replicates	623.7	664.7	704.2	754.0						
2206078-2				UNK	0.05	1307	28.10			N/A
Replicates	1123.0	1252.0	1370.5	1482.2						
CCV				CCV	1.90	23400	8.12			95.18
Replicates	21223.5	22652.3	24144.9	25578.3						
CCB				CCB	0.01	824	68.32			N/A
Replicates	772.0	800.5	854.0	868.7						
HG220609-2MB				UNK	0.00	740	307.44			N/A
Replicates	673.3	736.2	750.6	801.2						
HG220609-2LCS				UNK	1.05	13132	7.07			N/A
Replicates	12107.2	12778.7	13480.5	14160.4						
HG220609-2LCSD				UNK	1.05	13142	7.46			N/A
Replicates	12037.6	12801.7	13515.0	14214.4						
2205638-246				UNK	0.00	724	138.75			N/A
Replicates	666.3	708.1	745.4	774.7						
2205638-251				UNK	0.00	772	326.16			N/A
Replicates	716.1	755.5	789.5	826.7						
2205638-252				UNK	-0.01	682	75.48			N/A
Replicates	624.0	645.5	714.3	744.8						
2205638-253				UNK	0.00	706	73.55			N/A
Replicates	654.1	705.6	726.6	739.3						
2205638-254				UNK	0.00	760	533.60			N/A
Replicates	721.0	733.2	776.5	809.7						
CCV				CCV	1.94	23799	8.41			96.82
Replicates	21456.6	23079.6	24587.3	26073.5						
CCB				CCB	0.01	817	75.98			N/A
Replicates	784.8	773.0	843.6	866.5						
2206066-1				UNK	0.00	728	120.38			N/A
Replicates	675.9	737.9	756.4	741.4						
2206066-2				UNK	0.00	726	116.66			N/A
Replicates	696.8	702.0	730.0	776.3						
2206066-3				UNK	0.00	706	81.48			N/A
Replicates	670.2	677.6	715.3	761.5						
2206066-4				UNK	0.00	787	200.76			N/A
Replicates	719.7	775.4	789.1	865.4						

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Sample Name		Type	Conc (ppb)	µAbs	%RSD	Residual	Flags	% Recovery
2206066-5		UNK	0.01	831	57.08			N/A
Replicates	790.4	803.0	849.0	881.2				
2206066-6		UNK	0.00	779	149.54			N/A
Replicates	743.7	762.4	794.2	815.4				
2206066-7		UNK	0.00	760	989.08			N/A
Replicates	719.1	731.7	769.5	818.5				
2206066-9		UNK	0.01	899	37.47			N/A
Replicates	841.3	873.4	920.0	962.7				
2206066-10		UNK	0.00	707	104.28			N/A
Replicates	644.6	710.5	699.3	773.2				
2206066-11		UNK	0.00	775	369.07			N/A
Replicates	694.7	754.3	812.5	837.5				
CCV		CCV	2.04	25097	8.67			102.14
Replicates	22540.1	24306.2	25975.1	27566.4				
CCB		CCB	0.01	834	85.55			N/A
Replicates	745.5	825.2	872.7	893.4				
2206066-12		UNK	0.01	905	39.22			N/A
Replicates	826.5	911.5	915.7	966.0				
2206066-13		UNK	0.01	841	59.22			N/A
Replicates	769.5	847.4	879.1	868.4				
2206066-14		UNK	0.01	890	40.73			N/A
Replicates	815.8	884.4	925.2	934.0				
2206066-15		UNK	0.00	810	84.80			N/A
Replicates	759.5	794.6	820.6	865.3				
CCV		CCV	2.21	27179	7.72			110.65
Replicates	24806.1	26304.0	27944.5	29660.5				
CCB		CCB	0.00	797	163.93			N/A
Replicates	724.0	768.6	822.1	874.6				

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Header Information for Analytical Run: HG220610-1A1

Instrument: Teledyne Leeman Labs Mercury Analyzer M-7600; Serial: US21006002
Software: QuickTrace 3.2.0
Date of Analysis: 06/10/2022
Analyst: HLR

Standards:

Stock A: 10ppm (ST220517-1)

Stock B: 10ppm (ST220517-2)

Reagents:

HNO_3: RG220228-1; **HCL:** RG220512-1; **SNCL:** RG220414-4; **$KMNO_4$**: RG220526-3; **HYDROXYLAMINE SULFATE:** RG220526-2; **H_2SO_4:** RG220414-1; **$K_2S_2O_8$:** RG220415-5

Pipettes Used:

M-100: 0.1 mL to 1.0 mL

M-101: 0.01 mL to 0.1 mL

M-102: 1.0 mL to 5.0 mL

Method of Dilution:

2X: Dilution made by diluting 2.5 mL of sample to a 5 mL final volume.

5X: Dilution made by diluting 1 mL of sample to a 5 mL final volume.

10x: Dilution made by diluting 0.5 mL of sample to a 5 mL final volume

20x: Dilution made by diluting 0.25 mL of sample to a 5 mL final volume

50x: Dilution made by diluting 0.1 mL of sample to a 5 mL final volume

100X: Dilution made by diluting 0.05 mL of sample to a 5 mL final volume

500X: Dilution made by diluting a 5X dilution 100X mL

1000X: Dilution made by diluting a 10X dilution 100X. Final/Sample

Daily Maintenance:

1. Check/change peristaltic pump tubing.
2. Check gas liquid separator for deposits, clean if necessary.
3. Check/refill rinse water and stannous chloride reservoirs.
4. Record Hg intensity/Hg lamp current.

Daily Maintenance done by: **HLR**

Monthly Maintenance:

1. Clean sample and reference cells.
2. Check/change Nafion drying cartridge.
3. Check/change GLS capillary inlet.

Monthly Maintenance done by: **HLR 05/07/2022**

Report Generated By Teledyne Leeman QuickTrace

Analyst: haley.richards

Worksheet file: C:\Users\Public\Documents\Teledyne CETAC\QuickTrace\Worksheets\HG220610-1.wszf

Creation Date: 6/9/2022 5:51:48 PM

Comment:

Results

Sample Name				Type	Conc (ppb)	µAbs	%RSD	Residual	Flags	% Recovery
Calibration Blank				STD	0.00	1219	1.92			N/A
Replicates	1197.7	1209.1	1219.3	1251.9						
Standard #1 (0.2 ppb)				STD	0.20	8911	1.66	19.74%		N/A
Replicates	8720.4	8870.2	9003.3	9050.3						
Standard #2 (0.5 ppb)				STD	0.50	16456	1.82	5.59%		N/A
Replicates	16063.1	16391.8	16626.3	16743.1						
Standard #3 (1 ppb)				STD	1.00	29387	1.98	2.53%		N/A
Replicates	28640.7	29236.1	29704.4	29965.3						
Standard #4 (2 ppb)				STD	2.00	53062	1.77	-2.71%		N/A
Replicates	51858.7	52832.5	53535.5	54021.4						
Standard #5 (5 ppb)				STD	5.00	129672	1.97	0.35%		N/A
Replicates	126412.4	129020.2	130990.5	132263.2						
Standard #6 (10 ppb)				STD	10.00	245975	1.75	-0.03%		N/A
Replicates	240400.6	244973.7	248253.6	250271.2						

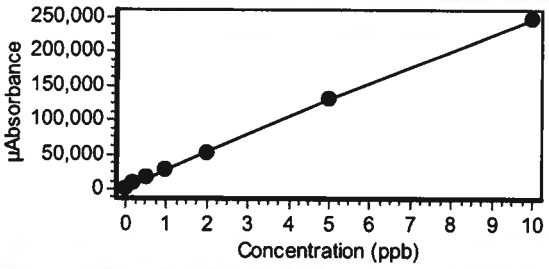
Calibration

Equation: Abs = -196.41502x*x + 26305.460x + 2622.897

R2: 0.99987 RSE: 12.04%

SEE: 1236.2190

Flags:



ICV				ICV	1.02	29203	2.04			101.82
Replicates	28515.9	29059.4	29491.0	29745.9						
ICB				ICB	-0.02	2092	7.58			N/A
Replicates	2034.2	2094.6	2125.2	2112.6						
CRA				UNK	0.25	9097	2.43			N/A
Replicates	8901.0	9046.0	9187.6	9254.1						
~~HG220609-4MB~~ HG220609-3MB				UNK	-0.07	711	1.08			N/A HLR 6/10/22
Replicates	691.4	698.1	716.6	737.4						
~~HG220609-4LCS~~ HG220609-3LCS				UNK	1.07	30678	1.94			N/A
Replicates	29962.8	30580.6	30979.8	31188.6						
~~HG220609-4LCSD~~ HG220609-3LCSD				UNK	1.10	31365	1.90			N/A
Replicates	30655.6	31251.9	31667.9	31885.2						

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Sample Name		Type		Conc (ppb)	µAbs	%RSD	Residual Flags	% Recovery
2205638-6		UNK		0.59	17947	1.59		N/A
Replicates	17627.6	17901.1	18081.7	18179.4				
2205638-61		UNK		0.97	27954	3.34		N/A
Replicates	26895.8	27718.3	28374.6	28826.8				
2205638-78		UNK		2.26	61001	1.82		N/A
Replicates	59631.8	60793.4	61575.9	62004.9				
2205638-89		UNK		0.47	14815	2.88		N/A
Replicates	14357.8	14750.9	14980.4	15171.7				
2205638-114		UNK		0.76	22570	1.52		N/A
Replicates	22166.0	22521.8	22746.6	22845.0				
2205638-127		UNK		0.58	17747	1.58		N/A
Replicates	17427.4	17710.5	17881.7	17968.0				
2205638-163		UNK		0.72	21419	1.75		N/A
Replicates	20986.8	21355.3	21614.3	21720.3				
CCV		CCV		2.03	55153	1.82		101.38
Replicates	53939.5	54926.1	55655.8	56092.0				
CCB		CCB		-0.05	1208	1.48		N/A
Replicates	1195.5	1220.4	1229.9	1184.9				
2205638-192		UNK		0.08	4690	3.74		N/A
Replicates	4587.1	4675.2	4739.3	4758.2				
2205638-195		UNK		0.23	8776	2.20		N/A
Replicates	8593.6	8753.9	8875.4	8881.7				
2205638-198		UNK		0.07	4340	4.22		N/A
Replicates	4238.1	4339.4	4386.4	4396.7				
2205638-203		UNK		0.33	11338	1.87		N/A
Replicates	11123.8	11301.6	11448.7	11479.2				
2205638-242		UNK		3.89	101959	1.68		N/A
Replicates	99813.3	101640.9	102948.5	103433.7				
2205638-248		UNK		0.73	21736	1.99		N/A
Replicates	21242.0	21650.8	21949.2	22101.0				
2205638-249		UNK		0.48	15217	1.27		N/A
Replicates	15040.1	15138.5	15284.9	15403.4				
2205638-256		UNK		1.28	35916	1.72		N/A
Replicates	35178.0	35787.4	36237.5	36460.4				
2205638-257		UNK		1.57	43497	1.47		N/A
Replicates	42706.0	43395.3	43832.9	44053.8				
CCV		CCV		2.12	57492	1.37		105.97
Replicates	56493.9	57385.7	57951.6	58136.9				

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Sample Name					Type	Conc (ppb)	µAbs	%RSD	Residual Flags	% Recovery
CCB					CCB	-0.05	1264	1.54		N/A
	Replicates	1240.2	1271.7	1254.7	1288.7					
2206078-1 10000X					UNK	1.56	43242	1.86		N/A
	Replicates	42282.2	43058.1	43649.7	43979.7					
CCV					CCV	2.01	54636	1.74		100.37
	Replicates	53458.3	54473.6	55123.5	55490.1					
CCB					CCB	-0.06	915	6.87		N/A
	Replicates	1044.6	971.7	866.0	777.2					
HG220609-4MB					UNK	-0.07	751	1.17		N/A
	Replicates	720.0	751.3	761.1	770.5					
HG220609-4LCS					UNK	1.13	31998	1.79		N/A
	Replicates	31297.7	31911.9	32308.9	32471.8					
2206139-1					UNK	0.18	7317	1.86		N/A
	Replicates	7198.2	7303.4	7380.2	7384.9					
2206139-1MS					UNK	0.36	11995	1.65		N/A
	Replicates	11790.0	11974.2	12069.2	12147.0					
2206139-1MS					UNK	2.69	71905	1.68		N/A
	Replicates	70361.1	71746.5	72598.4	72912.0					
2206139-1MS					UNK	2.53	68004	1.35		N/A
	Replicates	66798.0	67965.7	68591.1	68662.2					
2206139-1MSD					UNK	2.42	65073	1.51		N/A
	Replicates	63826.4	64942.6	65614.0	65907.1					
CCV					CCV	2.05	55738	1.65		102.53
	Replicates	54564.7	55619.9	56272.7	56493.4					
CCB					CCB	-0.09	294	0.89		N/A
	Replicates	320.5	298.0	287.7	271.0					

HLR 6/10/22

HLR 6/10/22

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Miscellaneous

Prep Batch: IP220609-2

Metals Prep Worksheet

Start Date: 6/9/2022 **End Date:** 6/9/2022 **Extract Method:** SW3010 A **Balance 1:** 30
Start Time: 9:46 **End Time:** 18:00 **Initial Volume Units:** ml **Block Temp (°C):** 95.5
Prep Analyst: Erika T. Camire **Final Volume Units:** ml

Comments:

Prep Number	Lab ID	Initial Wt/Vol	Final Wt/Vol	pH	Prep Notes	Standards
1	2205515-109	50	50			
1	2205515-110	50	50			
1	2205515-111	50	50			
1	2205638-246	50	50			
1	2205638-251	50	50			
1	2205638-252	50	50			
1	2205638-253	50	50			
1	2205638-254	50	50			
1	IM220609-2LCS	50	50			S1
1	IM220609-2LCSD	50	50			S1
1	IP220609-2MB	50	50			

All samples for Metals analysis are checked for pH in Sample Control, upon receipt at the laboratory. Only samples that (1) had pH>2 as measured in Sample Control, or (2) require preparation by method 200.2 will have an entry in the pH column of this worksheet.

Spike Solution Information

Soln #	SolnID	Aliquot	Units	PiptetID
	RG220512-1	2.5	ml	M-18
	RG220512-2	3	ml	M-18
S1	ST220420-4	0.5	ml	M-18

Prep Batch: IP220610-1

Metals Prep Worksheet

Start Date: 6/10/2022 **End Date:** 6/10/2022 **Extract Method:** SW3050 B **Balance 1:** 30
Start Time: 9:21 **End Time:** 18:00 **Initial Volume Units:** g **Block Temp (°C):** 95.5
Prep Analyst: Erika T. Camire **Final Volume Units:** ml

Comments:

Prep Number	Lab ID	Initial Wt/Vol	Final Wt/Vol	pH	Prep Notes	Standards
1	2205638-1	1.031	100			
1	2205638-2	1.007	100			
1	2205638-3	1.018	100			
1	2205638-4	1.004	100			
1	2205638-5	1.021	100			
1	2205638-7	1.009	100			
1	2205638-8	1.021	100			
1	2205638-9	1.003	100			
1	2205638-10	1.008	100			
1	2205638-11	1	100			
1	2205638-12	1.003	100			
1	2205638-13	1.008	100			
1	2205638-14	1.001	100			
1	2205638-15	1.002	100			
1	2205638-16	1.009	100			
1	2205638-17	1.003	100			
1	2205638-18	1.022	100			
1	2205638-19	1.001	100			
1	2205638-20	1.003	100			
1	2205638-21	1.003	100			
1	IM220610-1LCS	1	100			S1
1	IM220610-1LCSD	1	100			S1
1	IP220610-1MB	1	100			

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Date Printed: Thursday, June 16, 2022

Prep Batch: IP220610-1

Metals Prep Worksheet

Prep Number	Lab ID	Initial Wt/Vol	Final Wt/Vol	pH	Prep Notes	Standards

All samples for Metals analysis are checked for pH in Sample Control, upon receipt at the laboratory. Only samples that (1) had pH>2 as measured in Sample Control, or (2) require preparation by method 200.2 will have an entry in the pH column of this worksheet.

Spike Solution Information

Soln #	SolnID	Aliquot	Units	PiptetID
	RG220512-1	10	ml	
	RG220512-2	10	ml	
S1	ST220420-4	1	ml	M-18

Prep Batch: IP220610-2

Metals Prep Worksheet

Start Date: 6/10/2022 **End Date:** 6/10/2022 **Extract Method:** SW3050 B **Balance 1:** 30
Start Time: 9:30 **End Time:** 18:00 **Initial Volume Units:** g **Block Temp (°C):** 95.5
Prep Analyst: Erika T. Camire **Final Volume Units:** ml

Comments:

Prep Number	Lab ID	Initial Wt/Vol	Final Wt/Vol	pH	Prep Notes	Standards
1	2205638-22	1.003	100			
1	2205638-23	1.003	100			
1	2205638-24	1.021	100			
1	2205638-25	1.008	100			
1	2205638-26	1.006	100			
1	2205638-27	1.011	100			
1	2205638-28	1.004	100			
1	2205638-29	1.012	100			
1	2205638-30	1.002	100			
1	2205638-31	1.012	100			
1	2205638-32	1.003	100			
1	2205638-33	1.015	100			
1	2205638-34	1.016	100			
1	2205638-35	1	100			
1	2205638-36	1.034	100			
1	2205638-37	1.017	100			
1	2205638-38	1.012	100			
1	2205638-39	1.006	100			
1	2205638-40	1.014	100			
1	2205638-40MS	1.011	100			S1
1	2205638-40MSD	1.012	100			S1
1	IM220610-2LCS	1	100			S1
1	IP220610-2MB	1	100			

Prep Batch: IP220610-2

Metals Prep Worksheet

Prep Number	Lab ID	Initial Wt/Vol	Final Wt/Vol	pH	Prep Notes	Standards

All samples for Metals analysis are checked for pH in Sample Control, upon receipt at the laboratory. Only samples that (1) had pH>2 as measured in Sample Control, or (2) require preparation by method 200.2 will have an entry in the pH column of this worksheet.

Spike Solution Information

Soln #	SolnID	Aliquot	Units	PiptetID
	RG220512-1	10	ml	
	RG220512-2	10	ml	
S1	ST220420-4	1	ml	M-18

Prep Batch: IP220610-5

Metals Prep Worksheet

Start Date: 6/10/2022 **End Date:** 6/10/2022 **Extract Method:** SW3050 B **Balance 1:** 30
Start Time: 11:54 **End Time:** 18:00 **Initial Volume Units:** g **Block Temp (°C):** 95.5
Prep Analyst: Erika T. Camire **Final Volume Units:** ml

Comments:

Prep Number	Lab ID	Initial Wt/Vol	Final Wt/Vol	pH	Prep Notes	Standards
1	2205638-41	1.016	100			
1	2205638-41MS	1.017	100			S1
1	2205638-41MSD	1.015	100			S1
1	2205638-42	1.003	100			
1	2205638-43	1.02	100			
1	2205638-44	1.006	100			
1	2205638-45	1.001	100			
1	2205638-46	1.004	100			
1	2205638-47	1.004	100			
1	2205638-48	1.002	100			
1	2205638-49	1.031	100			
1	2205638-50	1.008	100			
1	2205638-51	1.014	100			
1	2205638-52	1.017	100			
1	2205638-53	1.005	100			
1	2205638-54	1.014	100			
1	2205638-55	1.003	100			
1	2205638-56	1.017	100			
1	2205638-57	1.004	100			
1	2205638-58	1.014	100			
1	2205638-59	1.002	100			
1	2205638-60	1.011	100			
1	IM220610-5LCS	1	100			S1
1	IP220610-5MB	1	100			

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Date Printed: Thursday, June 16, 2022

Prep Batch: IP220610-5

Metals Prep Worksheet

Prep Number	Lab ID	Initial Wt/Vol	Final Wt/Vol	pH	Prep Notes	Standards

All samples for Metals analysis are checked for pH in Sample Control, upon receipt at the laboratory. Only samples that (1) had pH>2 as measured in Sample Control, or (2) require preparation by method 200.2 will have an entry in the pH column of this worksheet.

Spike Solution Information

Soln #	SolnID	Aliquot	Units	PiptetID
	RG220512-1	10	ml	
	RG220512-2	10	ml	
S1	ST220420-4	1	ml	M-18

Prep Batch: IP220610-6

Metals Prep Worksheet

Start Date: 6/10/2022 **End Date:** 6/10/2022 **Extract Method:** SW3050 B **Balance 1:** 30
Start Time: 12:05 **End Time:** 18:00 **Initial Volume Units:** g **Block Temp (°C):** 95.5
Prep Analyst: Erika T. Camire **Final Volume Units:** ml

Comments:

Prep Number	Lab ID	Initial Wt/Vol	Final Wt/Vol	pH	Prep Notes	Standards
1	2205638-62	1.007	100			
1	2205638-63	1.032	100			
1	2205638-64	1.012	100			
1	2205638-65	1.011	100			
1	2205638-66	1.02	100			
1	2205638-67	1.001	100			
1	2205638-68	1.023	100			
1	2205638-69	1.005	100			
1	2205638-70	1.015	100			
1	2205638-71	1.013	100			
1	2205638-72	1.015	100			
1	2205638-73	1.013	100			
1	2205638-74	1.026	100			
1	2205638-75	1.001	100			
1	2205638-76	1.002	100			
1	2205638-77	1.017	100			
1	2205638-79	1.003	100			
1	2205638-80	1.001	100			
1	2205638-80MS	1.005	100			S1
1	2205638-80MSD	1.005	100			S1
1	IM220610-6LCS	1	100			S1
1	IP220610-6MB	1	100			

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Prep Batch: IP220610-6

Metals Prep Worksheet

Prep Number	Lab ID	Initial Wt/Vol	Final Wt/Vol	pH	Prep Notes	Standards

All samples for Metals analysis are checked for pH in Sample Control, upon receipt at the laboratory. Only samples that (1) had pH>2 as measured in Sample Control, or (2) require preparation by method 200.2 will have an entry in the pH column of this worksheet.

Spike Solution Information

Soln #	SolnID	Aliquot	Units	PiptetID
	RG220512-1	10	ml	
	RG220512-2	10	ml	
S1	ST220420-4	1	ml	M-18

Prep Batch: IP220613-1

Metals Prep Worksheet

Start Date: 6/13/2022 **End Date:** 6/13/2022 **Extract Method:** SW3050 B **Balance 1:** 30
Start Time: 9:07 **End Time:** 18:00 **Initial Volume Units:** g **Block Temp (°C):** 95.5
Prep Analyst: Erika T. Camire **Final Volume Units:** ml

Comments:

Prep Number	Lab ID	Initial Wt/Vol	Final Wt/Vol	pH	Prep Notes	Standards
1	2205638-81	1.003	100			
1	2205638-81MS	1	100			S1
1	2205638-81MSD	1.001	100			S1
1	2205638-82	1.023	100			
1	2205638-83	1.007	100			
1	2205638-84	1	100			
1	2205638-85	1.023	100			
1	2205638-86	1.005	100			
1	2205638-87	1.001	100			
1	2205638-88	1.005	100			
1	2205638-88MS	1.001	100			S1
1	2205638-88MSD	1.003	100			S1
1	2205638-90	1.003	100			
1	2205638-90MS	1.008	100			S1
1	2205638-90MSD	1.004	100			S1
1	2205638-91	1.002	100			
1	2205638-92	1.008	100			
1	2205638-93	1	100			
1	2205638-94	1.006	100			
1	2205638-95	1.03	100			
1	2205638-96	1.003	100			
1	2205638-97	1.029	100			
1	2205638-98	1.002	100			
1	2205638-99	1.001	100			
1	2205638-100	1.005	100			
1	IM220613-1LCS	1	100			S1
1	IP220613-1MB	1	100			

Prep Batch: IP220613-1

Metals Prep Worksheet

Prep Number	Lab ID	Initial Wt/Vol	Final Wt/Vol	pH	Prep Notes	Standards

All samples for Metals analysis are checked for pH in Sample Control, upon receipt at the laboratory. Only samples that (1) had pH>2 as measured in Sample Control, or (2) require preparation by method 200.2 will have an entry in the pH column of this worksheet.

Spike Solution Information

Soln #	SolnID	Aliquot	Units	PiptetID
	RG220512-1	10	ml	
	RG220512-2	10	ml	
S1	ST220420-4	1	ml	M-18

Prep Batch: IP220613-2

Metals Prep Worksheet

Start Date: 6/13/2022 **End Date:** 6/13/2022 **Extract Method:** SW3050 B **Balance 1:** 30
Start Time: 9:35 **End Time:** 18:00 **Initial Volume Units:** g **Block Temp (°C):** 95.5
Prep Analyst: Erika T. Camire **Final Volume Units:** ml

Comments:

Prep Number	Lab ID	Initial Wt/Vol	Final Wt/Vol	pH	Prep Notes	Standards
1	2205638-101	1.001	100			
1	2205638-102	1.031	100			
1	2205638-103	1.004	100			
1	2205638-104	1.009	100			
1	2205638-105	1.004	100			
1	2205638-106	1.024	100			
1	2205638-107	1.008	100			
1	2205638-108	1.011	100			
1	2205638-109	1.008	100			
1	2205638-110	1.012	100			
1	2205638-111	1.001	100			
1	2205638-112	1.006	100			
1	2205638-113	1.01	100			
1	2205638-115	1.025	100			
1	2205638-116	1.023	100			
1	2205638-117	1.011	100			
1	2205638-118	1.004	100			
1	2205638-119	1.009	100			
1	2205638-120	1.014	100			
1	2205638-121	1.006	100			
1	IM220613-2LCS	1	100			S1
1	IM220613-2LCSD	1	100			S1
1	IP220613-2MB	1	100			

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Prep Batch: IP220613-2

Metals Prep Worksheet

Prep Number	Lab ID	Initial Wt/Vol	Final Wt/Vol	pH	Prep Notes	Standards

All samples for Metals analysis are checked for pH in Sample Control, upon receipt at the laboratory. Only samples that (1) had pH>2 as measured in Sample Control, or (2) require preparation by method 200.2 will have an entry in the pH column of this worksheet.

Spike Solution Information

Soln #	SolnID	Aliquot	Units	PiptetID
	RG220512-1	10	ml	
	RG220512-2	10	ml	
S1	ST220420-4	1	ml	M-18

Prep Batch: IP220613-3

Metals Prep Worksheet

Start Date: 6/13/2022 **End Date:** 6/13/2022 **Extract Method:** SW3050 B **Balance 1:** 30
Start Time: 13:29 **End Time:** 18:00 **Initial Volume Units:** g **Block Temp (°C):** 95.5
Prep Analyst: Erika T. Camire **Final Volume Units:** ml

Comments:

Prep Number	Lab ID	Initial Wt/Vol	Final Wt/Vol	pH	Prep Notes	Standards
1	2205638-122	1.002	100			
1	2205638-123	1.004	100			
1	2205638-124	1	100			
1	2205638-125	1.007	100			
1	2205638-126	1.007	100			
1	2205638-128	1.032	100			
1	2205638-129	1.002	100			
1	2205638-130	1.021	100			
1	2205638-131	1.017	100			
1	2205638-132	1.043	100			
1	2205638-133	1.011	100			
1	2205638-134	1.02	100			
1	2205638-135	1.009	100			
1	2205638-136	1.014	100			
1	2205638-137	1.002	100			
1	2205638-138	1.015	100			
1	2205638-139	1	100			
1	2205638-140	1.004	100			
1	2205638-141	1.01	100			
1	2205638-142	1.001	100			
1	IM220613-3LCS	1	100			S1
1	IM220613-3LCSD	1	100			S1
1	IP220613-3MB	1	100			

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Prep Batch: IP220613-3

Metals Prep Worksheet

Prep Number	Lab ID	Initial Wt/Vol	Final Wt/Vol	pH	Prep Notes	Standards

All samples for Metals analysis are checked for pH in Sample Control, upon receipt at the laboratory. Only samples that (1) had pH>2 as measured in Sample Control, or (2) require preparation by method 200.2 will have an entry in the pH column of this worksheet.

Spike Solution Information

Soln #	SolnID	Aliquot	Units	PiptetID
	RG220512-1	10	ml	
	RG220512-2	10	ml	
S1	ST220420-4	1	ml	M-18

Prep Batch: IP220613-5

Metals Prep Worksheet

Start Date: 6/13/2022 **End Date:** 6/13/2022 **Extract Method:** SW3050 B **Balance 1:** 30
Start Time: 14:12 **End Time:** 18:00 **Initial Volume Units:** g **Block Temp (°C):** 95.5
Prep Analyst: Erika T. Camire **Final Volume Units:** ml

Comments:

Prep Number	Lab ID	Initial Wt/Vol	Final Wt/Vol	pH	Prep Notes	Standards
1	2205638-143	1.035	100			
1	2205638-144	1	100			
1	2205638-145	1	100			
1	2205638-146	1.018	100			
1	2205638-147	1.003	100			
1	2205638-148	1.014	100			
1	2205638-149	1.025	100			
1	2205638-150	1.004	100			
1	2205638-151	1.023	100			
1	2205638-152	1.014	100			
1	2205638-153	1.017	100			
1	2205638-154	1.013	100			
1	2205638-155	1.003	100			
1	2205638-156	1.007	100			
1	2205638-157	1.004	100			
1	2205638-158	1.008	100			
1	2205638-159	1.019	100			
1	2205638-160	1.028	100			
1	2205638-161	1.016	100			
1	2205638-162	1.008	100			
1	IM220613-5LCS	1	100			S1
1	IM220613-5LCSD	1	100			S1
1	IP220613-5MB	1	100			

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Prep Batch: IP220613-5

Metals Prep Worksheet

Prep Number	Lab ID	Initial Wt/Vol	Final Wt/Vol	pH	Prep Notes	Standards

All samples for Metals analysis are checked for pH in Sample Control, upon receipt at the laboratory. Only samples that (1) had pH>2 as measured in Sample Control, or (2) require preparation by method 200.2 will have an entry in the pH column of this worksheet.

Spike Solution Information

Soln #	SolnID	Aliquot	Units	PiptetID
	RG220512-1	10	ml	
	RG220512-2	10	ml	
S1	ST220420-4	1	ml	M-18

Prep Batch: IP220613-6

Metals Prep Worksheet

Start Date: 6/13/2022 **End Date:** 6/13/2022 **Extract Method:** SW3050 B **Balance 1:** 30
Start Time: 15:46 **End Time:** 18:00 **Initial Volume Units:** g **Block Temp (°C):** 95.5
Prep Analyst: Erika T. Camire **Final Volume Units:** ml

Comments:

Prep Number	Lab ID	Initial Wt/Vol	Final Wt/Vol	pH	Prep Notes	Standards
1	2205638-164	1.011	100			
1	2205638-165	1.01	100			
1	2205638-166	1.003	100			
1	2205638-167	1	100			
1	2205638-168	1.014	100			
1	2205638-169	1.053	100			
1	2205638-170	1.034	100			
1	2205638-171	1.029	100			
1	2205638-172	1.018	100			
1	2205638-173	1.001	100			
1	2205638-174	1.001	100			
1	2205638-175	1.02	100			
1	2205638-176	1.013	100			
1	2205638-177	1.001	100			
1	2205638-178	1.026	100			
1	2205638-179	1.021	100			
1	2205638-180	1.027	100			
1	2205638-180MS	1.026	100			S1
1	2205638-180MSD	1.025	100			S1
1	2205638-181	1.028	100			
1	2205638-181MS	1.023	100			S1
1	2205638-181MSD	1.024	100			S1
1	2205638-182	1.017	100			
1	2205638-183	1.001	100			
1	IM220613-6LCS	1	100			S1
1	IP220613-6MB	1	100			

Prep Batch: IP220613-6

Metals Prep Worksheet

Prep Number	Lab ID	Initial Wt/Vol	Final Wt/Vol	pH	Prep Notes	Standards

All samples for Metals analysis are checked for pH in Sample Control, upon receipt at the laboratory. Only samples that (1) had pH>2 as measured in Sample Control, or (2) require preparation by method 200.2 will have an entry in the pH column of this worksheet.

Spike Solution Information

Soln #	SolnID	Aliquot	Units	PiptetID
	RG220512-1	10	ml	
	RG220512-2	10	ml	
S1	ST220420-4	1	ml	M-18

Prep Batch: IP220614-1

Metals Prep Worksheet

Start Date: 6/14/2022 **End Date:** 6/14/2022 **Extract Method:** SW3050 B **Balance 1:** 30
Start Time: 9:52 **End Time:** 18:00 **Initial Volume Units:** g **Block Temp (°C):** 95.5
Prep Analyst: Erika T. Camire **Final Volume Units:** ml

Comments:

Prep Number	Lab ID	Initial Wt/Vol	Final Wt/Vol	pH	Prep Notes	Standards
1	2205638-184	1.006	100			
1	2205638-185	1.01	100			
1	2205638-186	1	100			
1	2205638-187	0.949	100			
1	2205638-188	1.012	100			
1	2205638-189	1.006	100			
1	2205638-190	1.001	100			
1	2205638-191	1	100			
1	2205638-193	1.007	100			
1	2205638-194	1.002	100			
1	2205638-196	1.016	100			
1	2205638-197	1.004	100			
1	2205638-199	1.01	100			
1	2205638-200	1.003	100			
1	2205638-201	1.003	100			
1	2205638-202	1.004	100			
1	2205638-204	1.015	100			
1	2205638-205	1.006	100			
1	2205638-206	1.002	100			
1	2205638-207	1.002	100			
1	IM220614-1LCS	1	100			S1
1	IM220614-1LCSD	1	100			S1
1	IP220614-1MB	1	100			

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Prep Batch: IP220614-1

Metals Prep Worksheet

Prep Number	Lab ID	Initial Wt/Vol	Final Wt/Vol	pH	Prep Notes	Standards

All samples for Metals analysis are checked for pH in Sample Control, upon receipt at the laboratory. Only samples that (1) had pH>2 as measured in Sample Control, or (2) require preparation by method 200.2 will have an entry in the pH column of this worksheet.

Spike Solution Information

Soln #	SolnID	Aliquot	Units	PiptetID
	RG220512-1	10	ml	
	RG220512-2	10	ml	
S1	ST220420-4	1	ml	M-18

Prep Batch: IP220614-2

Metals Prep Worksheet

Start Date: 6/14/2022 **End Date:** 6/14/2022 **Extract Method:** SW3050 B **Balance 1:** 30
Start Time: 10:06 **End Time:** 18:00 **Initial Volume Units:** g **Block Temp (°C):** 95.5
Prep Analyst: Erika T. Camire **Final Volume Units:** ml

Comments:

Prep Number	Lab ID	Initial Wt/Vol	Final Wt/Vol	pH	Prep Notes	Standards
1	2205638-208	1	100			
1	2205638-209	1.012	100			
1	2205638-210	1.003	100			
1	2205638-211	1.002	100			
1	2205638-212	1.008	100			
1	2205638-213	1.006	100			
1	2205638-214	1.002	100			
1	2205638-215	1.005	100			
1	2205638-216	1.006	100			
1	2205638-217	1.001	100			
1	2205638-218	1.005	100			
1	2205638-219	1	100			
1	2205638-220	1.002	100			
1	2205638-221	1.013	100			
1	2205638-222	1	100			
1	2205638-223	1.01	100			
1	2205638-224	1.007	100			
1	2205638-225	1.009	100			
1	2205638-225MS	1.008	100			S1
1	2205638-225MSD	1.008	100			S1
1	IM220614-2LCS	1	100			S1
1	IP220614-2MB	1	100			

Prep Batch: IP220614-2

Metals Prep Worksheet

Prep Number	Lab ID	Initial Wt/Vol	Final Wt/Vol	pH	Prep Notes	Standards

All samples for Metals analysis are checked for pH in Sample Control, upon receipt at the laboratory. Only samples that (1) had pH>2 as measured in Sample Control, or (2) require preparation by method 200.2 will have an entry in the pH column of this worksheet.

Spike Solution Information

Soln #	SolnID	Aliquot	Units	PiptetID
	RG220512-1	10	ml	
	RG220512-2	10	ml	
S1	ST220420-4	1	ml	M-18

Prep Batch: IP220614-3

Metals Prep Worksheet

Start Date: 6/14/2022 **End Date:** 6/14/2022 **Extract Method:** SW3050 B **Balance 1:** 30
Start Time: 10:15 **End Time:** 18:00 **Initial Volume Units:** g **Block Temp (°C):** 95.5
Prep Analyst: Erika T. Camire **Final Volume Units:** ml

Comments:

Prep Number	Lab ID	Initial Wt/Vol	Final Wt/Vol	pH	Prep Notes	Standards
1	2205638-226	1.002	100			
1	2205638-226MS	1.003	100			S1
1	2205638-226MSD	1.004	100			S1
1	2205638-227	1.004	100			
1	2205638-228	1.014	100			
1	2205638-229	1.005	100			
1	2205638-230	1.014	100			
1	2205638-231	1.012	100			
1	2205638-232	1.006	100			
1	2205638-233	1	100			
1	2205638-234	1	100			
1	2205638-235	1.001	100			
1	2205638-236	1.001	100			
1	IM220614-3LCS	1	100			S1
1	IP220614-3MB	1	100			

All samples for Metals analysis are checked for pH in Sample Control, upon receipt at the laboratory. Only samples that (1) had pH>2 as measured in Sample Control, or (2) require preparation by method 200.2 will have an entry in the pH column of this worksheet.

Spike Solution Information

Soln #	SolnID	Aliquot	Units	PiptetID
	RG220512-1	10	ml	
	RG220512-2	10	ml	
S1	ST220420-4	1	ml	M-18

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Date Printed: Thursday, June 16, 2022

Prep Batch: IP220614-4

Metals Prep Worksheet

Start Date: 6/14/2022 **End Date:** 6/14/2022 **Extract Method:** SW3050 B **Balance 1:** 30
Start Time: 10:23 **End Time:** 18:00 **Initial Volume Units:** g **Block Temp (°C):** 95.5
Prep Analyst: Erika T. Camire **Final Volume Units:** ml

Comments:

Prep Number	Lab ID	Initial Wt/Vol	Final Wt/Vol	pH	Prep Notes	Standards
1	2205638-237	1.013	100			
1	2205638-238	1.003	100			
1	2205638-239	1.01	100			
1	2205638-240	1.002	100			
1	2205638-241	1.003	100			
1	2205638-243	1.004	100			
1	2205638-244	1.016	100			
1	2205638-245	1	100			
1	2205638-247	1.008	100			
1	2205638-250	1.002	100			
1	2205638-255	1.011	100			
1	2205638-258	1.012	100			
1	IM220614-4LCS	1	100			S1
1	IM220614-4LCSD	1	100			S1
1	IP220614-4MB	1	100			

All samples for Metals analysis are checked for pH in Sample Control, upon receipt at the laboratory. Only samples that (1) had pH>2 as measured in Sample Control, or (2) require preparation by method 200.2 will have an entry in the pH column of this worksheet.

Spike Solution Information

Soln #	SolnID	Aliquot	Units	PipetID
	RG220512-1	10	ml	
	RG220512-2	10	ml	
S1	ST220420-4	1	ml	M-18

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Date Printed: Thursday, June 16, 2022

Percent Moisture

Method SOP642 Revision 0

Lab Name: ALS -- Fort Collins

Date Extracted: 06/10/2022
Date Analyzed: 06/10/2022
Analyst: Brandon M. Larson

Balance ID:
Oven ID: 17
In Oven: 6/9/2022 12:00
Out of Oven: 6/10/2022 9:00

Validated By: bml
Validation Date: 06/10/2022
Validation Time: 10:07:51 AM

Run ID	Prep Batch ID	QC Batch ID	Lab ID	QC Type	Dish Wt	Wet Wt	Dry Wt	Dry Wt-Dish Wt	Percent Moisture	Percent Solids	RPD
EX220609-10A	EX220609-10	EX220609-10-1	2205638-1	DUP	1.256	5.066	6.269	5.01	1.0	99.0	0
EX220609-10A	EX220609-10	EX220609-10-1	2205638-1	SMP	1.259	5.378	6.581	5.32	1.0	99.0	
EX220609-10A	EX220609-10	EX220609-10-1	2205638-2	SMP	1.25	10.087	11.22	9.97	1.2	98.8	
EX220609-10A	EX220609-10	EX220609-10-1	2205638-3	SMP	1.259	9.008	9.859	8.60	4.5	95.5	
EX220609-10A	EX220609-10	EX220609-10-1	2205638-4	SMP	1.259	9.953	10.48	9.22	7.4	92.6	
EX220609-10A	EX220609-10	EX220609-10-1	2205638-5	SMP	1.25	10.704	11.85	10.60	1.0	99.0	
EX220609-10A	EX220609-10	EX220609-10-1	2205638-6	SMP	1.255	10.008	10.29	9.03	9.7	90.3	
EX220609-10A	EX220609-10	EX220609-10-1	2205638-7	SMP	1.248	10.244	11.38	10.13	1.1	98.9	
EX220609-10A	EX220609-10	EX220609-10-1	2205638-8	SMP	1.257	5.586	6.787	5.53	1.0	99.0	
EX220609-10A	EX220609-10	EX220609-10-1	2205638-9	SMP	1.249	10.062	11.24	9.99	0.7	99.3	
EX220609-10A	EX220609-10	EX220609-10-1	EX220609-10	MB	1.242	1.242	1.242	0.00	100.0	0.0	
EX220609-10A	EX220609-10	EX220609-10-1	2205638-10	SMP	1.255	5.015	6.23	4.97	0.8	99.2	
EX220609-10A	EX220609-10	EX220609-10-1	2205638-11	SMP	1.253	9.005	10.10	8.85	1.7	98.3	
EX220609-10A	EX220609-10	EX220609-10-1	2205638-12	SMP	1.258	4.925	6.157	4.90	0.5	99.5	
EX220609-10A	EX220609-10	EX220609-10-1	2205638-13	SMP	1.248	10	11.24	9.99	0.1	99.9	
EX220609-10A	EX220609-10	EX220609-10-1	2205638-14	SMP	1.257	5.065	6.278	5.02	0.9	99.1	
EX220609-10A	EX220609-10	EX220609-10-1	2205638-15	SMP	1.255	5.295	6.462	5.21	1.7	98.3	
EX220609-10A	EX220609-10	EX220609-10-1	2205638-16	SMP	1.248	5.401	6.587	5.34	1.1	98.9	
EX220609-10A	EX220609-10	EX220609-10-1	2205638-17	SMP	1.263	10.009	10.85	9.59	4.2	95.8	
EX220609-10A	EX220609-10	EX220609-10-1	2205638-18	SMP	1.253	5.007	6.23	4.98	0.6	99.4	
EX220609-10A	EX220609-10	EX220609-10-1	2205638-19	SMP	1.257	5.008	6.2	4.94	1.3	98.7	
EX220609-10A	EX220609-10	EX220609-10-1	2205638-20	DUP	1.248	2.543	3.784	2.54	0.3	99.7	97
EX220609-10A	EX220609-10	EX220609-10-1	2205638-20	SMP	1.261	2.528	3.769	2.51	0.8	99.2	
EX220609-11A	EX220609-11	EX220609-11-1	EX220609-11	MB	1.25	1.25	1.25	0.00	100.0	0.0	
EX220609-11A	EX220609-11	EX220609-11-1	2205638-21	DUP	1.236	5.005	6.23	4.99	0.2	99.8	62
EX220609-11A	EX220609-11	EX220609-11-1	2205638-21	SMP	1.239	5.007	6.225	4.99	0.4	99.6	
EX220609-11A	EX220609-11	EX220609-11-1	2205638-22	SMP	1.237	10.085	11.19	9.95	1.4	98.6	
EX220609-11A	EX220609-11	EX220609-11-1	2205638-23	SMP	1.242	9.91	11.03	9.79	1.2	98.8	
EX220609-11A	EX220609-11	EX220609-11-1	2205638-24	SMP	1.237	10.186	11.37	10.13	0.6	99.4	
EX220609-11A	EX220609-11	EX220609-11-1	2205638-25	SMP	1.237	6.278	7.426	6.19	1.4	98.6	
EX220609-11A	EX220609-11	EX220609-11-1	2205638-26	SMP	1.24	5.809	7.016	5.78	0.6	99.4	
EX220609-11A	EX220609-11	EX220609-11-1	2205638-27	SMP	1.241	5.229	6.428	5.19	0.8	99.2	
EX220609-11A	EX220609-11	EX220609-11-1	2205638-28	SMP	1.242	5.502	6.462	5.22	5.1	94.9	
EX220609-11A	EX220609-11	EX220609-11-1	2205638-29	SMP	1.243	5.499	6.658	5.41	1.5	98.5	
EX220609-11A	EX220609-11	EX220609-11-1	2205638-30	SMP	1.239	10	11.12	9.88	1.2	98.8	

Percent Moisture

Method SOP642 Revision 0

Lab Name: ALS -- Fort Collins

Balance ID: 50

Date Extracted: 06/10/2022 **Oven ID:** 17 **Validated By:** bml

Date Analyzed: 06/10/2022 **In Oven:** 6/9/2022 12:00 **Validation Date:** 06/10/2022

Analyst: Brandon M. Larson **Out of Oven:** 6/10/2022 9:00 **Validation Time:** 10:08:00 AM

Run ID	Prep Batch ID	QC Batch ID	Lab ID	QC Type	Dish Wt	Wet Wt	Dry Wt	Dry Wt-Dish Wt	Percent Moisture	Percent Solids	RPD
EX220609-11A	EX220609-11	EX220609-11-1	2205638-31	SMP	1.239	10.278	11.08	9.84	4.3	95.7	
EX220609-11A	EX220609-11	EX220609-11-1	2205638-32	SMP	1.237	6.213	7.386	6.15	1.0	99.0	
EX220609-11A	EX220609-11	EX220609-11-1	2205638-33	SMP	1.239	7.085	8.262	7.02	0.9	99.1	
EX220609-11A	EX220609-11	EX220609-11-1	2205638-34	SMP	1.234	6.002	7.181	5.95	0.9	99.1	
EX220609-11A	EX220609-11	EX220609-11-1	2205638-35	SMP	1.24	10.263	11.30	10.06	2.0	98.0	
EX220609-11A	EX220609-11	EX220609-11-1	2205638-36	SMP	1.243	5.015	6.213	4.97	0.9	99.1	
EX220609-11A	EX220609-11	EX220609-11-1	2205638-37	SMP	1.238	5.013	6.222	4.98	0.6	99.4	
EX220609-11A	EX220609-11	EX220609-11-1	2205638-38	SMP	1.243	4.063	5.266	4.02	1.0	99.0	
EX220609-11A	EX220609-11	EX220609-11-1	2205638-39	SMP	1.242	10.404	11.27	10.03	3.6	96.4	
EX220609-11A	EX220609-11	EX220609-11-1	2205638-40	DUP	1.24	5.03	6.212	4.97	1.2	98.8	15
EX220609-11A	EX220609-11	EX220609-11-1	2205638-40	SMP	1.239	5.151	6.339	5.10	1.0	99.0	
EX220609-12A	EX220609-12	EX220609-12-1	EX220609-12	MB	1.248	1.248	1.248	0.00	100.0	0.0	
EX220609-12A	EX220609-12	EX220609-12-1	2205638-41	DUP	1.243	5.458	6.466	5.22	4.3	95.7	2
EX220609-12A	EX220609-12	EX220609-12-1	2205638-41	SMP	1.242	5.528	6.528	5.29	4.4	95.6	
EX220609-12A	EX220609-12	EX220609-12-1	2205638-42	SMP	1.247	4.115	5.31	4.06	1.3	98.7	
EX220609-12A	EX220609-12	EX220609-12-1	2205638-43	SMP	1.247	7.143	8.308	7.06	1.1	98.9	
EX220609-12A	EX220609-12	EX220609-12-1	2205638-44	SMP	1.235	3.023	4.24	3.01	0.6	99.4	
EX220609-12A	EX220609-12	EX220609-12-1	2205638-45	SMP	1.248	6.55	7.694	6.45	1.6	98.4	
EX220609-12A	EX220609-12	EX220609-12-1	2205638-46	SMP	1.246	5.074	6.239	4.99	1.6	98.4	
EX220609-12A	EX220609-12	EX220609-12-1	2205638-47	SMP	1.245	10.08	11.23	9.99	0.9	99.1	
EX220609-12A	EX220609-12	EX220609-12-1	2205638-48	SMP	1.242	7.204	8.37	7.13	1.1	98.9	
EX220609-12A	EX220609-12	EX220609-12-1	2205638-49	SMP	1.241	10.019	11.2	9.96	0.6	99.4	
EX220609-12A	EX220609-12	EX220609-12-1	2205638-50	SMP	1.247	5.067	6.273	5.03	0.8	99.2	
EX220609-12A	EX220609-12	EX220609-12-1	2205638-51	SMP	1.244	10.058	11.16	9.91	1.4	98.6	
EX220609-12A	EX220609-12	EX220609-12-1	2205638-52	SMP	1.237	3.542	4.742	3.51	1.0	99.0	
EX220609-12A	EX220609-12	EX220609-12-1	2205638-53	SMP	1.241	10.258	11.35	10.11	1.5	98.5	
EX220609-12A	EX220609-12	EX220609-12-1	2205638-54	SMP	1.241	4.03	5.183	3.94	2.2	97.8	
EX220609-12A	EX220609-12	EX220609-12-1	2205638-55	SMP	1.246	10.118	11.10	9.86	2.6	97.4	
EX220609-12A	EX220609-12	EX220609-12-1	2205638-56	SMP	1.256	10.064	11.23	9.98	0.9	99.1	
EX220609-12A	EX220609-12	EX220609-12-1	2205638-57	SMP	1.245	10.007	11.11	9.86	1.4	98.6	
EX220609-12A	EX220609-12	EX220609-12-1	2205638-58	SMP	1.25	5.643	6.801	5.55	1.6	98.4	
EX220609-12A	EX220609-12	EX220609-12-1	2205638-59	SMP	1.246	10.497	11.59	10.35	1.4	98.6	
EX220609-12A	EX220609-12	EX220609-12-1	2205638-60	DUP	1.25	4.028	5.241	3.99	0.9	99.1	19
EX220609-12A	EX220609-12	EX220609-12-1	2205638-60	SMP	1.248	4.121	5.323	4.07	1.1	98.9	
EX220609-13A	EX220609-13	EX220609-13-1	EX220609-13	MB	1.232	1.232	1.232	0.00	100.0	0.0	

Percent Moisture

Method SOP642 Revision 10

Lab Name: ALS -- Fort Collins

Balance ID: 50
Date Extracted: 06/10/2022 **Oven ID:** 17 **Validated By:** bml
Date Analyzed: 06/10/2022 **In Oven:** 6/9/2022 12:00 **Validation Date:** 06/10/2022
Analyst: Chris P. Casillas **Out of Oven:** 6/10/2022 9:00 **Validation Time:** 11:05:16 AM

Run ID	Prep Batch ID	QC Batch ID	Lab ID	QC Type	Dish Wt	Wet Wt	Dry Wt	Dry Wt-Dish Wt	Percent Moisture	Percent Solids	RPD
EX220609-13A	EX220609-13	EX220609-13-1	2205638-61	DUP	1.244	10.438	10.69	9.45	9.5	90.5	14
EX220609-13A	EX220609-13	EX220609-13-1	2205638-61	SMP	1.245	10.577	10.67	9.42	10.9	89.1	
EX220609-13A	EX220609-13	EX220609-13-1	2205638-62	SMP	1.256	10.063	11.26	10.01	0.6	99.4	
EX220609-13A	EX220609-13	EX220609-13-1	2205638-63	SMP	1.255	10.167	11.31	10.05	1.1	98.9	
EX220609-13A	EX220609-13	EX220609-13-1	2205638-64	SMP	1.239	10.562	11.65	10.41	1.4	98.6	
EX220609-13A	EX220609-13	EX220609-13-1	2205638-65	SMP	1.239	5.796	6.956	5.72	1.4	98.6	
EX220609-13A	EX220609-13	EX220609-13-1	2205638-66	SMP	1.245	1.919	3.151	1.91	0.7	99.3	
EX220609-13A	EX220609-13	EX220609-13-1	2205638-67	SMP	1.254	2.183	3.42	2.17	0.8	99.2	
EX220609-13A	EX220609-13	EX220609-13-1	2205638-68	SMP	1.255	10.009	11.12	9.86	1.5	98.5	
EX220609-13A	EX220609-13	EX220609-13-1	2205638-69	SMP	1.25	3.024	4.243	2.99	1.0	99.0	
EX220609-13A	EX220609-13	EX220609-13-1	2205638-70	SMP	1.244	3.166	4.393	3.15	0.5	99.5	
EX220609-13A	EX220609-13	EX220609-13-1	2205638-71	SMP	1.244	5.302	6.457	5.21	1.7	98.3	
EX220609-13A	EX220609-13	EX220609-13-1	2205638-72	SMP	1.256	10.654	11.79	10.54	1.1	98.9	
EX220609-13A	EX220609-13	EX220609-13-1	2205638-73	SMP	1.245	10.17	11.3	10.05	1.2	98.8	
EX220609-13A	EX220609-13	EX220609-13-1	2205638-74	SMP	1.254	10.081	11.29	10.04	0.4	99.6	
EX220609-13A	EX220609-13	EX220609-13-1	2205638-75	SMP	1.253	5.016	6.217	4.96	1.0	99.0	
EX220609-13A	EX220609-13	EX220609-13-1	2205638-76	SMP	1.244	10.064	11.20	9.96	1.0	99.0	
EX220609-13A	EX220609-13	EX220609-13-1	2205638-77	SMP	1.252	10.02	11.24	9.99	0.3	99.7	
EX220609-13A	EX220609-13	EX220609-13-1	2205638-78	SMP	1.252	10.862	11.28	10.02	7.7	92.3	
EX220609-13A	EX220609-13	EX220609-13-1	2205638-79	SMP	1.236	5.188	6.407	5.17	0.3	99.7	
EX220610-10A	EX220610-10	EX220610-10-1	EX220610-10	MB	1.262	1.262	1.262	0.00	100.0	0.0	
EX220610-10A	EX220610-10	EX220610-10-1	2205638-81	SMP	1.253	10.122	11.25	9.99	1.3	98.7	
EX220610-10A	EX220610-10	EX220610-10-1	2205638-82	SMP	1.245	8.833	9.888	8.64	2.2	97.8	
EX220610-10A	EX220610-10	EX220610-10-1	2205638-83	SMP	1.244	5.113	6.184	4.94	3.4	96.6	
EX220610-10A	EX220610-10	EX220610-10-1	2205638-84	SMP	1.249	2.512	3.683	2.43	3.1	96.9	
EX220610-10A	EX220610-10	EX220610-10-1	2205638-85	SMP	1.252	6.416	7.375	6.12	4.6	95.4	
EX220610-10A	EX220610-10	EX220610-10-1	2205638-86	SMP	1.252	2.23	3.298	2.05	8.3	91.7	
EX220610-10A	EX220610-10	EX220610-10-1	2205638-87	SMP	1.246	3.403	4.542	3.30	3.1	96.9	
EX220610-10A	EX220610-10	EX220610-10-1	2205638-88	SMP	1.256	3.045	4.245	2.99	1.8	98.2	
EX220610-10A	EX220610-10	EX220610-10-1	2205638-89	DUP	1.261	10.052	9.58	8.32	17.2	82.8	4
EX220610-10A	EX220610-10	EX220610-10-1	2205638-89	SMP	1.257	10.014	9.614	8.36	16.5	83.5	
EX220610-10A	EX220610-10	EX220610-10-1	2205638-90	SMP	1.258	8.336	9.394	8.14	2.4	97.6	
EX220610-10A	EX220610-10	EX220610-10-1	2205638-91	SMP	1.257	6.713	7.89	6.63	1.2	98.8	
EX220610-10A	EX220610-10	EX220610-10-1	2205638-92	SMP	1.261	10.046	11.13	9.87	1.8	98.2	
EX220610-10A	EX220610-10	EX220610-10-1	2205638-93	SMP	1.256	4.834	6.025	4.77	1.3	98.7	

Percent Moisture

Method SOP642 Revision 0

Lab Name: ALS -- Fort Collins

Balance ID: 50
Date Extracted: 06/13/2022 **Oven ID:** 17 **Validated By:** bml
Date Analyzed: 06/13/2022 **In Oven:** 6/10/2022 15:00 **Validation Date:** 06/13/2022
Analyst: Brandon M. Larson **Out of Oven:** 6/13/2022 9:00 **Validation Time:** 9:32:39 AM

Run ID	Prep Batch ID	QC Batch ID	Lab ID	QC Type	Dish Wt	Wet Wt	Dry Wt	Dry Wt-Dish Wt	Percent Moisture	Percent Solids	RPD
EX220610-10A	EX220610-10	EX220610-10-1	2205638-94	SMP	1.248	10.033	11.06	9.81	2.2	97.8	
EX220610-10A	EX220610-10	EX220610-10-1	2205638-95	SMP	1.245	6.142	7.278	6.03	1.8	98.2	
EX220610-10A	EX220610-10	EX220610-10-1	2205638-96	DUP	1.251	6.695	7.646	6.39	4.5	95.5	2
EX220610-10A	EX220610-10	EX220610-10-1	2205638-96	SMP	1.248	6.737	7.677	6.43	4.6	95.4	
EX220610-10A	EX220610-10	EX220610-10-1	2205638-97	SMP	1.249	8.383	9.525	8.28	1.3	98.7	
EX220610-10A	EX220610-10	EX220610-10-1	2205638-98	SMP	1.256	10.254	11.34	10.08	1.7	98.3	
EX220610-10A	EX220610-10	EX220610-10-1	2205638-99	SMP	1.253	4.241	5.395	4.14	2.3	97.7	
EX220610-10A	EX220610-10	EX220610-10-1	2205638-100	SMP	1.252	7.053	7.984	6.73	4.6	95.4	
EX220610-11A	EX220610-11	EX220610-11-1	EX220610-11	MB	1.238	1.238	1.238	0.00	100.0	0.0	
EX220610-11A	EX220610-11	EX220610-11-1	2205638-101	SMP	1.244	3.705	4.69	3.45	7.0	93.0	
EX220610-11A	EX220610-11	EX220610-11-1	2205638-102	SMP	1.247	7.665	7.172	5.93	22.7	77.3	
EX220610-11A	EX220610-11	EX220610-11-1	2205638-103	SMP	1.249	4.676	5.804	4.55	2.6	97.4	
EX220610-11A	EX220610-11	EX220610-11-1	2205638-104	SMP	1.241	7.963	8.697	7.46	6.4	93.6	
EX220610-11A	EX220610-11	EX220610-11-1	2205638-105	DUP	1.245	5.139	6.288	5.04	1.9	98.1	83
EX220610-11A	EX220610-11	EX220610-11-1	2205638-105	SMP	1.25	5.165	6.375	5.13	0.8	99.2	
EX220610-11A	EX220610-11	EX220610-11-1	2205638-106	SMP	1.246	10.163	11.17	9.92	2.4	97.6	
EX220610-11A	EX220610-11	EX220610-11-1	2205638-107	SMP	1.248	7.811	9.036	7.79	0.3	99.7	
EX220610-11A	EX220610-11	EX220610-11-1	2205638-108	SMP	1.245	7.835	8.859	7.61	2.8	97.2	
EX220610-11A	EX220610-11	EX220610-11-1	2205638-109	SMP	1.237	4.9	6.078	4.84	1.2	98.8	
EX220610-11A	EX220610-11	EX220610-11-1	2205638-110	SMP	1.245	10.046	11.13	9.88	1.6	98.4	
EX220610-11A	EX220610-11	EX220610-11-1	2205638-111	SMP	1.247	4.525	5.689	4.44	1.8	98.2	
EX220610-11A	EX220610-11	EX220610-11-1	2205638-112	SMP	1.244	10.084	11.16	9.91	1.7	98.3	
EX220610-11A	EX220610-11	EX220610-11-1	2205638-113	SMP	1.247	6.392	7.498	6.25	2.2	97.8	
EX220610-11A	EX220610-11	EX220610-11-1	2205638-114	DUP	1.244	10.237	10.36	9.12	10.9	89.1	1
EX220610-11A	EX220610-11	EX220610-11-1	2205638-114	SMP	1.24	10.268	10.39	9.15	10.9	89.1	
EX220610-11A	EX220610-11	EX220610-11-1	2205638-115	SMP	1.245	10.091	10.92	9.67	4.2	95.8	
EX220610-11A	EX220610-11	EX220610-11-1	2205638-116	SMP	1.241	6.327	7.519	6.28	0.8	99.2	
EX220610-11A	EX220610-11	EX220610-11-1	2205638-117	SMP	1.24	7.892	9.044	7.80	1.1	98.9	
EX220610-11A	EX220610-11	EX220610-11-1	2205638-118	SMP	1.241	3.411	4.64	3.40	0.4	99.6	
EX220610-11A	EX220610-11	EX220610-11-1	2205638-119	SMP	1.242	6.871	7.988	6.75	1.8	98.2	
EX220610-11A	EX220610-11	EX220610-11-1	2205638-120	SMP	1.237	9.936	10.92	9.68	2.6	97.4	
EX220610-12A	EX220610-12	EX220610-12-1	EX220610-12	MB	1.235	1.235	1.235	0.00	100.0	0.0	
EX220610-12A	EX220610-12	EX220610-12-1	2205638-121	SMP	1.248	9.941	10.83	9.58	3.6	96.4	
EX220610-12A	EX220610-12	EX220610-12-1	2205638-122	SMP	1.241	3.057	4.254	3.01	1.4	98.6	
EX220610-12A	EX220610-12	EX220610-12-1	2205638-123	SMP	1.233	9.602	10.61	9.37	2.4	97.6	

Percent Moisture

Method SOP642 Revision 0

Lab Name: ALS -- Fort Collins

Balance ID: 50
Date Extracted: 06/13/2022 **Oven ID:** 17 **Validated By:** bml
Date Analyzed: 06/13/2022 **In Oven:** 6/10/2022 15:00 **Validation Date:** 06/13/2022
Analyst: Brandon M. Larson **Out of Oven:** 6/13/2022 9:00 **Validation Time:** 9:33:00 AM

Run ID	Prep Batch ID	QC Batch ID	Lab ID	QC Type	Dish Wt	Wet Wt	Dry Wt	Dry Wt-Dish Wt	Percent Moisture	Percent Solids	RPD
EX220610-12A	EX220610-12	EX220610-12-1	2205638-124	SMP	1.243	5.833	6.97	5.73	1.8	98.2	
EX220610-12A	EX220610-12	EX220610-12-1	2205638-125	SMP	1.246	10.379	11.48	10.24	1.4	98.6	
EX220610-12A	EX220610-12	EX220610-12-1	2205638-126	SMP	1.242	10.335	11.39	10.15	1.8	98.2	
EX220610-12A	EX220610-12	EX220610-12-1	2205638-127	DUP	1.236	10.232	10.12	8.88	13.2	86.8	3
EX220610-12A	EX220610-12	EX220610-12-1	2205638-127	SMP	1.241	10.279	10.21	8.97	12.7	87.3	
EX220610-12A	EX220610-12	EX220610-12-1	2205638-128	SMP	1.24	10.75	11.62	10.38	3.5	96.5	
EX220610-12A	EX220610-12	EX220610-12-1	2205638-129	SMP	1.24	8.328	9.492	8.25	0.9	99.1	
EX220610-12A	EX220610-12	EX220610-12-1	2205638-130	SMP	1.235	10.225	11.25	10.01	2.1	97.9	
EX220610-12A	EX220610-12	EX220610-12-1	2205638-131	SMP	1.241	6.197	7.402	6.16	0.6	99.4	
EX220610-12A	EX220610-12	EX220610-12-1	2205638-132	SMP	1.244	10.102	11.31	10.06	0.4	99.6	
EX220610-12A	EX220610-12	EX220610-12-1	2205638-133	SMP	1.241	8.43	9.611	8.37	0.7	99.3	
EX220610-12A	EX220610-12	EX220610-12-1	2205638-134	SMP	1.239	10.332	11.52	10.28	0.5	99.5	
EX220610-12A	EX220610-12	EX220610-12-1	2205638-135	DUP	1.229	10.176	11.23	10.00	1.7	98.3	2
EX220610-12A	EX220610-12	EX220610-12-1	2205638-135	SMP	1.239	10.108	11.17	9.93	1.8	98.2	
EX220610-12A	EX220610-12	EX220610-12-1	2205638-136	SMP	1.234	7.026	8.02	6.79	3.4	96.6	
EX220610-12A	EX220610-12	EX220610-12-1	2205638-137	SMP	1.234	3.217	4.357	3.12	2.9	97.1	
EX220610-12A	EX220610-12	EX220610-12-1	2205638-138	SMP	1.234	2.477	3.639	2.40	2.9	97.1	
EX220610-12A	EX220610-12	EX220610-12-1	2205638-139	SMP	1.232	10.002	10.61	9.38	6.2	93.8	
EX220610-12A	EX220610-12	EX220610-12-1	2205638-140	SMP	1.235	2.805	3.882	2.65	5.6	94.4	
EX220613-10A	EX220613-10	EX220613-10-1	EX220613-10	MB	1.233	1.233	1.233	0.00	100.0	0.0	
EX220613-10A	EX220613-10	EX220613-10-1	2205638-80	SMP	1.24	5.415	6.557	5.32	1.8	98.2	
EX220613-10A	EX220613-10	EX220613-10-1	2205638-141	SMP	1.237	3.989	5.021	3.78	5.1	94.9	
EX220613-10A	EX220613-10	EX220613-10-1	2205638-142	SMP	1.241	9.787	10.89	9.65	1.5	98.5	
EX220613-10A	EX220613-10	EX220613-10-1	2205638-143	SMP	1.238	10.054	11.19	9.95	1.0	99.0	
EX220613-10A	EX220613-10	EX220613-10-1	2205638-144	SMP	1.23	6.383	7.54	6.31	1.1	98.9	
EX220613-10A	EX220613-10	EX220613-10-1	2205638-145	SMP	1.244	10.018	11.03	9.78	2.4	97.6	
EX220613-10A	EX220613-10	EX220613-10-1	2205638-146	SMP	1.236	10.012	11.16	9.92	0.9	99.1	
EX220613-10A	EX220613-10	EX220613-10-1	2205638-147	SMP	1.234	10.026	11.10	9.87	1.6	98.4	
EX220613-10A	EX220613-10	EX220613-10-1	2205638-148	DUP	1.242	10.355	10.92	9.68	6.5	93.5	1
EX220613-10A	EX220613-10	EX220613-10-1	2205638-148	SMP	1.242	10.308	10.89	9.64	6.4	93.6	
EX220613-10A	EX220613-10	EX220613-10-1	2205638-149	SMP	1.238	3.387	4.552	3.31	2.2	97.8	
EX220613-10A	EX220613-10	EX220613-10-1	2205638-150	SMP	1.237	10.204	11.31	10.07	1.3	98.7	
EX220613-10A	EX220613-10	EX220613-10-1	2205638-151	SMP	1.231	10.207	11.27	10.04	1.6	98.4	
EX220613-10A	EX220613-10	EX220613-10-1	2205638-152	SMP	1.241	10.206	11.08	9.84	3.6	96.4	
EX220613-10A	EX220613-10	EX220613-10-1	2205638-153	SMP	1.234	8.039	9.175	7.94	1.2	98.8	

Percent Moisture

Method SOP642 Revision 0

Lab Name: ALS -- Fort Collins

Balance ID: 50

Date Extracted: 06/14/2022 **Oven ID:** 17 **Validated By:** bml

Date Analyzed: 06/14/2022 **In Oven:** 6/13/2022 15:30 **Validation Date:** 06/14/2022

Analyst: Brandon M. Larson **Out of Oven:** 6/14/2022 9:00 **Validation Time:** 9:37:29 AM

Run ID	Prep Batch ID	QC Batch ID	Lab ID	QC Type	Dish Wt	Wet Wt	Dry Wt	Dry Wt-Dish Wt	Percent Moisture	Percent Solids	RPD
EX220613-10A	EX220613-10	EX220613-10-1	2205638-154	SMP	1.233	10.368	11.4	10.16	2.0	98.0	
EX220613-10A	EX220613-10	EX220613-10-1	2205638-156	SMP	1.236	6.825	7.974	6.74	1.3	98.7	
EX220613-10A	EX220613-10	EX220613-10-1	2205638-157	SMP	1.229	9.841	11.02	9.79	0.5	99.5	
EX220613-10A	EX220613-10	EX220613-10-1	2205638-158	SMP	1.232	7.121	8.275	7.04	1.1	98.9	
EX220613-10A	EX220613-10	EX220613-10-1	2205638-159	SMP	1.235	10.012	11.16	9.92	0.9	99.1	
EX220613-11A	EX220613-11	EX220613-11-1	EX220613-11	MB	1.234	1.234	1.234	0.00	100.0	0.0	
EX220613-11A	EX220613-11	EX220613-11-1	2205638-155	DUP	1.241	10.252	10.97	9.72	5.2	94.8	3
EX220613-11A	EX220613-11	EX220613-11-1	2205638-155	SMP	1.238	10.233	10.93	9.69	5.3	94.7	
EX220613-11A	EX220613-11	EX220613-11-1	2205638-160	SMP	1.238	4.362	5.496	4.26	2.4	97.6	
EX220613-11A	EX220613-11	EX220613-11-1	2205638-161	SMP	1.239	10.351	11.34	10.10	2.4	97.6	
EX220613-11A	EX220613-11	EX220613-11-1	2205638-162	SMP	1.238	8.268	9.274	8.04	2.8	97.2	
EX220613-11A	EX220613-11	EX220613-11-1	2205638-164	SMP	1.236	10.042	10.8	9.56	4.8	95.2	
EX220613-11A	EX220613-11	EX220613-11-1	2205638-165	DUP	1.232	10.477	10.2	8.97	14.4	85.6	4
EX220613-11A	EX220613-11	EX220613-11-1	2205638-165	SMP	1.234	10.413	10.08	8.85	15.0	85.0	
EX220613-11A	EX220613-11	EX220613-11-1	2205638-166	SMP	1.239	2.836	3.977	2.74	3.5	96.5	
EX220613-11A	EX220613-11	EX220613-11-1	2205638-167	SMP	1.238	5.613	6.634	5.40	3.9	96.1	
EX220613-11A	EX220613-11	EX220613-11-1	2205638-168	SMP	1.241	2.548	3.755	2.51	1.3	98.7	
EX220613-11A	EX220613-11	EX220613-11-1	2205638-169	SMP	1.241	3.987	5.138	3.90	2.3	97.7	
EX220613-11A	EX220613-11	EX220613-11-1	2205638-170	SMP	1.233	3.611	4.792	3.56	1.4	98.6	
EX220613-11A	EX220613-11	EX220613-11-1	2205638-171	SMP	1.239	8.809	9.9	8.66	1.7	98.3	
EX220613-11A	EX220613-11	EX220613-11-1	2205638-172	SMP	1.238	9.463	10.48	9.24	2.3	97.7	
EX220613-11A	EX220613-11	EX220613-11-1	2205638-173	SMP	1.233	8.03	9.119	7.89	1.8	98.2	
EX220613-11A	EX220613-11	EX220613-11-1	2205638-174	SMP	1.235	2.576	3.806	2.57	0.2	99.8	
EX220613-11A	EX220613-11	EX220613-11-1	2205638-175	SMP	1.234	4.205	5.428	4.19	0.3	99.7	
EX220613-11A	EX220613-11	EX220613-11-1	2205638-176	SMP	1.236	3.181	4.362	3.13	1.7	98.3	
EX220613-11A	EX220613-11	EX220613-11-1	2205638-177	SMP	1.233	7.547	8.593	7.36	2.5	97.5	
EX220613-11A	EX220613-11	EX220613-11-1	2205638-179	SMP	1.234	3.9	5.052	3.82	2.1	97.9	
EX220613-11A	EX220613-11	EX220613-11-1	2205638-180	SMP	1.233	3.44	4.643	3.41	0.9	99.1	
EX220613-12	EX220613-12	EX220613-12-1	EX220613-12	MB	1.225	1.225	1.225	0.00	100.0	0.0	
EX220613-12	EX220613-12	EX220613-12-1	2205638-163	SMP	1.229	10.665	9.453	8.22	22.9	77.1	
EX220613-12	EX220613-12	EX220613-12-1	2205638-178	SMP	1.233	1.518	2.746	1.51	0.3	99.7	
EX220613-12	EX220613-12	EX220613-12-1	2205638-181	SMP	1.233	7.133	8.241	7.01	1.8	98.2	
EX220613-12	EX220613-12	EX220613-12-1	2205638-182	DUP	1.233	10.286	10.34	9.11	11.4	88.6	4
EX220613-12	EX220613-12	EX220613-12-1	2205638-182	SMP	1.234	10.233	10.25	9.02	11.9	88.1	
EX220613-12	EX220613-12	EX220613-12-1	2205638-183	SMP	1.232	5.368	6.553	5.32	0.9	99.1	

Percent Moisture

Method SOP642 Revision 0

Lab Name: ALS -- Fort Collins

Balance ID: 50
Date Extracted: 06/14/2022 **Oven ID:** 17 **Validated By:** bml
Date Analyzed: 06/14/2022 **In Oven:** 6/13/2022 15:30 **Validation Date:** 06/14/2022
Analyst: Brandon M. Larson **Out of Oven:** 6/14/2022 9:00 **Validation Time:** 9:37:52 AM

Run ID	Prep Batch ID	QC Batch ID	Lab ID	QC Type	Dish Wt	Wet Wt	Dry Wt	Dry Wt-Dish Wt	Percent Moisture	Percent Solids	RPD
EX220613-12	EX220613-12	EX220613-12-1	2205638-184	SMP	1.231	8.034	9.159	7.93	1.3	98.7	
EX220613-12	EX220613-12	EX220613-12-1	2205638-185	SMP	1.235	4.575	5.717	4.48	2.0	98.0	
EX220613-12	EX220613-12	EX220613-12-1	2205638-186	SMP	1.234	9.05	10.03	8.79	2.8	97.2	
EX220613-12	EX220613-12	EX220613-12-1	2205638-187	SMP	1.241	2.575	3.782	2.54	1.3	98.7	
EX220613-12	EX220613-12	EX220613-12-1	2205638-188	SMP	1.235	7.178	8.337	7.10	1.1	98.9	
EX220613-12	EX220613-12	EX220613-12-1	2205638-189	SMP	1.231	3.391	4.582	3.35	1.2	98.8	
EX220613-12	EX220613-12	EX220613-12-1	2205638-190	SMP	1.233	4.939	6.137	4.90	0.7	99.3	
EX220613-12	EX220613-12	EX220613-12-1	2205638-191	SMP	1.229	10.206	11.35	10.12	0.8	99.2	
EX220613-12	EX220613-12	EX220613-12-1	2205638-193	SMP	1.235	7.234	8.385	7.15	1.2	98.8	
EX220613-12	EX220613-12	EX220613-12-1	2205638-194	SMP	1.232	4.251	5.424	4.19	1.4	98.6	
EX220613-12	EX220613-12	EX220613-12-1	2205638-196	SMP	1.228	10.034	11.11	9.88	1.5	98.5	
EX220613-12	EX220613-12	EX220613-12-1	2205638-197	SMP	1.226	10.124	11.28	10.05	0.7	99.3	
EX220613-12	EX220613-12	EX220613-12-1	2205638-199	DUP	1.229	10.378	11.56	10.33	0.5	99.5	60
EX220613-12	EX220613-12	EX220613-12-1	2205638-199	SMP	1.23	10.383	11.52	10.29	0.9	99.1	
EX220613-12	EX220613-12	EX220613-12-1	2205638-200	SMP	1.232	7.336	8.493	7.26	1.0	99.0	
EX220613-12	EX220613-12	EX220613-12-1	2205638-201	SMP	1.227	10.325	11.44	10.21	1.1	98.9	
EX220614-10A	EX220614-10	EX220614-10-1	EX220614-10	MB	1.241	1.241	1.241	0.00	100.0	0.0	
EX220614-10A	EX220614-10	EX220614-10-1	2205638-202	SMP	1.235	6.521	7.556	6.32	3.1	96.9	
EX220614-10A	EX220614-10	EX220614-10-1	2205638-203	DUP	1.227	10.157	10.29	9.06	10.8	89.2	3
EX220614-10A	EX220614-10	EX220614-10-1	2205638-203	SMP	1.231	10.191	10.36	9.13	10.4	89.6	
EX220614-10A	EX220614-10	EX220614-10-1	2205638-204	SMP	1.234	10.428	11.17	9.93	4.7	95.3	
EX220614-10A	EX220614-10	EX220614-10-1	2205638-205	SMP	1.236	3.433	4.638	3.40	0.9	99.1	
EX220614-10A	EX220614-10	EX220614-10-1	2205638-206	SMP	1.233	7.155	8.232	7.00	2.2	97.8	
EX220614-10A	EX220614-10	EX220614-10-1	2205638-207	SMP	1.23	6.183	7.347	6.12	1.1	98.9	
EX220614-10A	EX220614-10	EX220614-10-1	2205638-208	SMP	1.235	8.205	9.321	8.09	1.5	98.5	
EX220614-10A	EX220614-10	EX220614-10-1	2205638-209	SMP	1.234	8.474	9.639	8.40	0.8	99.2	
EX220614-10A	EX220614-10	EX220614-10-1	2205638-210	SMP	1.234	10.234	11.37	10.13	1.0	99.0	
EX220614-10A	EX220614-10	EX220614-10-1	2205638-211	SMP	1.232	10.081	11.18	9.95	1.3	98.7	
EX220614-10A	EX220614-10	EX220614-10-1	2205638-212	SMP	1.237	8.171	9.272	8.03	1.7	98.3	
EX220614-10A	EX220614-10	EX220614-10-1	2205638-213	SMP	1.237	10.185	11.30	10.06	1.2	98.8	
EX220614-10A	EX220614-10	EX220614-10-1	2205638-214	DUP	1.243	9.091	10.25	9.01	0.9	99.1	4
EX220614-10A	EX220614-10	EX220614-10-1	2205638-214	SMP	1.233	9.062	10.21	8.98	0.9	99.1	
EX220614-10A	EX220614-10	EX220614-10-1	2205638-215	SMP	1.231	10.163	11.25	10.02	1.4	98.6	
EX220614-10A	EX220614-10	EX220614-10-1	2205638-216	SMP	1.242	10.356	11.41	10.17	1.8	98.2	
EX220614-10A	EX220614-10	EX220614-10-1	2205638-217	SMP	1.241	10.018	11.18	9.94	0.7	99.3	

Percent Moisture

Method SOP642 Revision 0

Lab Name: ALS -- Fort Collins

Balance ID: 50
Date Extracted: 06/15/2022 **Oven ID:** 17 **Validated By:** bml
Date Analyzed: 06/15/2022 **In Oven:** 6/14/2022 15:30 **Validation Date:** 06/15/2022
Analyst: Brandon M. Larson **Out of Oven:** 6/15/2022 9:00 **Validation Time:** 9:31:25 AM

Run ID	Prep Batch ID	QC Batch ID	Lab ID	QC Type	Dish Wt	Wet Wt	Dry Wt	Dry Wt-Dish Wt	Percent Moisture	Percent Solids	RPD
EX220614-10A	EX220614-10	EX220614-10-1	2205638-218	SMP	1.24	10.083	11.27	10.03	0.5	99.5	
EX220614-10A	EX220614-10	EX220614-10-1	2205638-219	SMP	1.246	10.031	11.18	9.94	0.9	99.1	
EX220614-10A	EX220614-10	EX220614-10-1	2205638-220	SMP	1.243	10.027	11.09	9.85	1.8	98.2	
EX220614-10A	EX220614-10	EX220614-10-1	2205638-221	SMP	1.242	8.173	9.16	7.92	3.1	96.9	
EX220614-11A	EX220614-11	EX220614-11-1	EX220614-11	MB	1.238	1.238	1.238	0.00	100.0	0.0	
EX220614-11A	EX220614-11	EX220614-11-1	2205638-222	DUP	1.241	7.132	7.924	6.68	6.3	93.7	3
EX220614-11A	EX220614-11	EX220614-11-1	2205638-222	SMP	1.244	7.167	7.972	6.73	6.1	93.9	
EX220614-11A	EX220614-11	EX220614-11-1	2205638-223	SMP	1.247	6.058	7.184	5.94	2.0	98.0	
EX220614-11A	EX220614-11	EX220614-11-1	2205638-224	SMP	1.243	10.152	11.05	9.81	3.4	96.6	
EX220614-11A	EX220614-11	EX220614-11-1	2205638-225	SMP	1.241	8.719	9.671	8.43	3.3	96.7	
EX220614-11A	EX220614-11	EX220614-11-1	2205638-226	SMP	1.241	10.163	10.96	9.72	4.4	95.6	
EX220614-11A	EX220614-11	EX220614-11-1	2205638-227	SMP	1.241	9.615	10.64	9.40	2.3	97.7	
EX220614-11A	EX220614-11	EX220614-11-1	2205638-228	SMP	1.241	6.038	7.199	5.96	1.3	98.7	
EX220614-11A	EX220614-11	EX220614-11-1	2205638-229	SMP	1.24	10.122	11.22	9.98	1.4	98.6	
EX220614-11A	EX220614-11	EX220614-11-1	2205638-230	SMP	1.247	10.095	10.86	9.61	4.8	95.2	
EX220614-11A	EX220614-11	EX220614-11-1	2205638-231	SMP	1.244	8.723	9.72	8.48	2.8	97.2	
EX220614-11A	EX220614-11	EX220614-11-1	2205638-232	SMP	1.243	10.005	11.15	9.91	0.9	99.1	
EX220614-11A	EX220614-11	EX220614-11-1	2205638-233	SMP	1.245	10.052	11.13	9.89	1.6	98.4	
EX220614-11A	EX220614-11	EX220614-11-1	2205638-234	SMP	1.241	6.505	7.61	6.37	2.1	97.9	
EX220614-11A	EX220614-11	EX220614-11-1	2205638-235	SMP	1.242	5.76	6.942	5.70	1.0	99.0	
EX220614-11A	EX220614-11	EX220614-11-1	2205638-236	SMP	1.242	10.192	11.24	10.00	1.9	98.1	
EX220614-11A	EX220614-11	EX220614-11-1	2205638-237	SMP	1.242	9.328	10.48	9.24	0.9	99.1	
EX220614-11A	EX220614-11	EX220614-11-1	2205638-238	SMP	1.242	9.546	10.62	9.38	1.8	98.2	
EX220614-11A	EX220614-11	EX220614-11-1	2205638-239	DUP	1.239	7.029	8.176	6.94	1.3	98.7	2
EX220614-11A	EX220614-11	EX220614-11-1	2205638-239	SMP	1.234	7.07	8.21	6.98	1.3	98.7	
EX220614-11A	EX220614-11	EX220614-11-1	2205638-240	SMP	1.237	10.223	11.36	10.13	0.9	99.1	
EX220614-11A	EX220614-11	EX220614-11-1	2205638-241	SMP	1.238	9.275	10.4	9.16	1.2	98.8	
EX220614-12A	EX220614-12	EX220614-12-1	EX220614-12	MB	1.239	1.239	1.239	0.00	100.0	0.0	
EX220614-12A	EX220614-12	EX220614-12-1	2205638-192	DUP	1.241	10.476	11.34	10.10	3.6	96.4	7
EX220614-12A	EX220614-12	EX220614-12-1	2205638-192	SMP	1.239	10.435	11.32	10.09	3.4	96.6	
EX220614-12A	EX220614-12	EX220614-12-1	2205638-195	SMP	1.238	10.423	11.08	9.84	5.6	94.4	
EX220614-12A	EX220614-12	EX220614-12-1	2205638-198	SMP	1.243	10.178	11.23	9.98	1.9	98.1	
EX220614-12A	EX220614-12	EX220614-12-1	2205638-242	SMP	1.241	10.04	11.08	9.84	2.0	98.0	
EX220614-12A	EX220614-12	EX220614-12-1	2205638-243	SMP	1.244	10.877	11.6	10.36	4.8	95.2	
EX220614-12A	EX220614-12	EX220614-12-1	2205638-244	SMP	1.24	10.058	11.21	9.97	0.9	99.1	

Percent Moisture

Method SOP642 Revision 0

Lab Name: ALS -- Fort Collins

Date Extracted: 06/15/2022
Date Analyzed: 06/15/2022
Analyst: Brandon M. Larson

Balance ID: 50
Oven ID: 17
In Oven: 6/14/2022 15:30
Out of Oven: 6/15/2022 9:00

Validated By: bml
Validation Date: 06/15/2022
Validation Time: 9:31:42 AM

Run ID	Prep Batch ID	QC Batch ID	Lab ID	QC Type	Dish Wt	Wet Wt	Dry Wt	Dry Wt-Dish Wt	Percent Moisture	Percent Solids	RPD
EX220614-12A	EX220614-12	EX220614-12-1	2205638-245	SMP	1.241	10.168	11.29	10.04	1.2	98.8	
EX220614-12A	EX220614-12	EX220614-12-1	2205638-247	SMP	1.245	10.359	11.5	10.25	1.0	99.0	
EX220614-12A	EX220614-12	EX220614-12-1	2205638-248	SMP	1.242	10.345	11.46	10.21	1.3	98.7	
EX220614-12A	EX220614-12	EX220614-12-1	2205638-249	SMP	1.244	10.796	11.82	10.57	2.1	97.9	
EX220614-12A	EX220614-12	EX220614-12-1	2205638-250	SMP	1.245	10.053	11.21	9.96	0.9	99.1	
EX220614-12A	EX220614-12	EX220614-12-1	2205638-255	SMP	1.244	4.36	5.516	4.27	2.0	98.0	
EX220614-12A	EX220614-12	EX220614-12-1	2205638-256	SMP	1.241	10.072	10.88	9.64	4.3	95.7	
EX220614-12A	EX220614-12	EX220614-12-1	2205638-257	DUP	1.238	10.055	10.77	9.53	5.2	94.8	6
EX220614-12A	EX220614-12	EX220614-12-1	2205638-257	SMP	1.236	10.065	10.74	9.50	5.6	94.4	
EX220614-12A	EX220614-12	EX220614-12-1	2205638-258	SMP	1.241	7.973	9.068	7.83	1.8	98.2	

QC Types

CAR	Carrier reference sample
DUP	Laboratory Duplicate
LCSD	Laboratory Control Sample Duplicate
LOQV	Limit of Quantitation Verification
MS	Laboratory Matrix Spike
REP	Sample replicate
SMP	Field Sample

DLS	Detection Limit Standard
LCS	Laboratory Control Sample
LODV	Limit of Detection Verification
MB	Method Blank
MSD	Laboratory Matrix Spike Duplicate
RVS	Reporting Level Verification Standar
SYS	Sample Yield Spike

Comments:

DUP = Sample Duplicate
Wet Wt = Sample Wet Wt - Dish Wt
Dry Wt = Sample Dry Wt + Dish Wt
Dry Wt - Dish Wt = Sample Dry Wt - Dish Wt
All weight values shown above are expressed in grams.

$$RPD = \frac{|\text{Sample Value - Duplicate Value}|}{(\text{Sample Value + Duplicate Value})/2} \times 100$$

$$\%\ \text{Solids} = \frac{\text{Dry Weight}}{\text{Wet Weight}} \times 100$$

$$\%\ \text{Moisture} = \frac{(\text{Wet Weight - Dry Weight})}{\text{Wet Weight}} \times 100$$

August 09, 2022 Service Request No:K2208509

Brian Croft
Tetra Tech, Inc.
1420 5th Ave.
Seattle, WA 98101

Laboratory Results for: Garner Street Soil

Dear Brian,

Enclosed are the results of the sample(s) submitted to our laboratory July 27, 2022
For your reference, these analyses have been assigned our service request number **K2208509.**

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. All results are intended to be considered in their entirety, and ALS Group USA Corp. dba ALS Environmental (ALS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please contact me if you have any questions. My extension is 3260. You may also contact me via email at Luke.Rahn@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Luke Rahn
Project Manager

ADDRESS 1317 S. 13th Avenue, Kelso, WA 98626
PHONE +1 360 577 7222 | FAX +1 360 636 1068
ALS Group USA, Corp.
dba ALS Environmental

Narrative Documents

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360) 577-7222 Fax (360) 425-9096
www.alsglobal.com

Client: Tetra Tech, Inc.
Project: Garner Street Soil
Sample Matrix: Soil

Service Request: K2208509
Date Received: 07/27/2022

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

Sample Receipt:

Fifteen soil samples were received for analysis at ALS Environmental on 07/27/2022. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Metals:

No significant anomalies were noted with this analysis.

Approved by _____ Date 08/09/2022

SAMPLE DETECTION SUMMARY

This form includes only detections above the reporting levels. For a full listing of sample results, continue to the Sample Results section of this Report.

CLIENT ID: GS-06E-00-01			Lab ID: K2208509-001			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead	58.1			0.049	mg/Kg	6020A

CLIENT ID: GS-07E-00-01			Lab ID: K2208509-002			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead	57.1			0.050	mg/Kg	6020A

CLIENT ID: GS-08A-00-01			Lab ID: K2208509-003			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead	28.4			0.049	mg/Kg	6020A

CLIENT ID: GS-08B-00-01			Lab ID: K2208509-004			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead	22.3			0.050	mg/Kg	6020A

CLIENT ID: GS-12B-00-01			Lab ID: K2208509-005			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead	21.8			0.050	mg/Kg	6020A

CLIENT ID: GS-21D-00-01			Lab ID: K2208509-006			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead	83.9			0.050	mg/Kg	6020A

CLIENT ID: GS-23D-00-01			Lab ID: K2208509-007			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead	41.2			0.050	mg/Kg	6020A

CLIENT ID: GS-27D-00-01			Lab ID: K2208509-008			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead	20.9			0.050	mg/Kg	6020A

CLIENT ID: GS-29A4-00-01			Lab ID: K2208509-009			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead	13.7			0.050	mg/Kg	6020A

CLIENT ID: GS-29D-00-01			Lab ID: K2208509-010			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead	65.7			0.049	mg/Kg	6020A

CLIENT ID: GS-34A-00-01			Lab ID: K2208509-011			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead	11.8			0.049	mg/Kg	6020A

CLIENT ID: GS-36A-00-01			Lab ID: K2208509-012			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead	25.2			0.050	mg/Kg	6020A

SAMPLE DETECTION SUMMARY

This form includes only detections above the reporting levels. For a full listing of sample results, continue to the Sample Results section of this Report.

CLIENT ID: GS-40A-00-01			Lab ID: K2208509-013			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead	14.1			0.049	mg/Kg	6020A

CLIENT ID: GS-CA10-00-01			Lab ID: K2208509-014			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead	49.2			0.050	mg/Kg	6020A

CLIENT ID: GS-HOUSE-00-01			Lab ID: K2208509-015			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Lead	22.7			0.050	mg/Kg	6020A

Sample Receipt Information

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360) 577-7222 Fax (360) 425-9096
www.alsglobal.com

Client: Tetra Tech, Inc. **Service Request:**K2208509

Project: Garner Street Soil

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
K2208509-001	GS-06E-00-01	5/19/2022	0908
K2208509-002	GS-07E-00-01	5/19/2022	0932
K2208509-003	GS-08A-00-01	5/17/2022	1542
K2208509-004	GS-08B-00-01	5/18/2022	0827
K2208509-005	GS-12B-00-01	5/17/2022	1704
K2208509-006	GS-21D-00-01	5/18/2022	1527
K2208509-007	GS-23D-00-01	5/18/2022	1544
K2208509-008	GS-27D-00-01	5/18/2022	1617
K2208509-009	GS-29A4-00-01	5/16/2022	1100
K2208509-010	GS-29D-00-01	5/18/2022	1452
K2208509-011	GS-34A-00-01	5/16/2022	1242
K2208509-012	GS-36A-00-01	5/16/2022	1410
K2208509-013	GS-40A-00-01	5/16/2022	1601
K2208509-014	GS-CA10-00-01	5/19/2022	1042
K2208509-015	GS-HOUSE-00-01	5/17/2022	1038

>> Select a Laboratory or Service Center <<
#N/A
#N/A
#N/A
##

Chain of Custody Record

ALS Kelso, WA
eurofins Environment Testing America
K2208509

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Eurofins Environment Testing America

Client Contact	Project Manager: Brian Croft / Maura McAleese	Site Contact: Maura McAleese	Date: 7/25/22	COC No: 1
Tetra Tech Inc.	Email: brian.croft@tetratech.com	Lab Contact:	Carrier: Fed Ex	1 of 1 COCs
1560 Broadway, Suite 1400	Tel/Fax: 206.300.0301			TALS Project #:
Denver, CO 80202	Analysis Turnaround Time			Sampler:
(303) 3128800 Phone	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
(xxx) xxx-xxxx FAX	TAT if different from Below _____			Walk-in Client:
Project Name: Garner Street Soil	☐ 2 weeks			Lab Sampling:
Site: Garner Street Soil	☐ 1 week			
P O #	☐ 2 days			Job / SDG No.:
	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	EPA Method 1340	Sample Specific Notes:
GS-06E-00-01	5/19/22	0908	C	Soil	1	N	N	X	
GS-07E-00-01	5/19/22	0932	C	Soil	1	N	N	X	
GS-08A-00-01	5/17/22	1542	C	Soil	1	N	N	X	
GS-08B-00-01	5/18/22	0827	C	Soil	1	N	N	X	
GS-12B-00-01	5/17/22	1704	C	Soil	1	N	N	X	
GS-21D-00-01	5/18/22	1527	C	Soil	1	N	N	X	
GS-23D-00-01	5/18/22	1544	C	Soil	1	N	N	X	
GS-27D-00-01	5/18/22	1617	C	Soil	1	N	N	X	
GS-29A4-00-01	5/16/22	1100	C	Soil	1	N	N	X	
GS-29D-00-01	5/18/22	1452	C	Soil	1	N	N	X	
GS-34A-00-01	5/16/22	1242	C	Soil	1	N	N	X	
GS-36A-00-01	5/16/22	1410	C	Soil	1	N	N	X	
								1	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: please include Maura McAleese on all correspondence: maura.mcaleese@tetratech.com

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: Tt	Date/Time: 7-25-22/1600	Received by:	Company: ALS	Date/Time: 7/27/22 0930
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

>> Select a Laboratory or Service Center <<
#N/A
#N/A
#N/A
##

Chain of Custody Record

ALS Kelso, WA
K2208504 Eurofins Environment Testing America

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Eurofins Environment Testing America

Client Contact	Project Manager: Brian Croft / Maura McAleese	Site Contact: Maura McAleese	Date: 7/25/22	COC No: 1
Tetra Tech Inc.	Email: brian.croft@tetratech.com	Lab Contact:	Carrier: Fed Ex	___1___ of ___1___ COCs
1560 Broadway, Suite 1400	Tel/Fax: 206.300.0301			TALS Project #:
Denver, CO 80202	Analysis Turnaround Time			Sampler:
(303) 3128800 Phone	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
(xxx) xxx-xxxx FAX	TAT if different from Below _____			Walk-in Client:
Project Name: Garner Street Soil	☐ 2 weeks			Lab Sampling:
Site: Garner Street Soil	☐ 1 week			Job / SDG No.:
P O #	☐ 2 days ☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	EPA Method 1340	Sample Specific Notes:
GS-40A-00-01	5/16/22	1601	C	Soil	1	N	N	X	
GS-CA10-00-01	5/19/22	1042	C	Soil	1	N	N	X	
GS-HOUSE-00-01	5/17/22	1038	C	Soil	1	N	N	X	
								1	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: please include Maura McAleese on all correspondence:
maura.mcaleese@tetratech.com

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: TT	Date/Time: 7-25-22/1600	Received by:	Company: ALS	Date/Time: 7/27/22 0930
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

PM LR

Cooler Receipt and Preservation Form

Client Tetra Tech Service Request K22 08509

Received: 7/27/22 Opened: 7/27/22 By: AP Unloaded: 7/27/22 By: AP

1. Samples were received via? *USPS* (*Fed Ex*) *UPS* *DHL* *PDX* *Courier* *Hand Delivered*
2. Samples were received in: (circle) (*Cooler*) *Box* *Envelope* *Other*_____ *NA*
3. Were custody seals on coolers? NA (Y) N If yes, how many and where? front back
   If present, were custody seals intact? (Y) N If present, were they signed and dated? (Y) N

Temp Blank	Sample Temp	IR Gun	Cooler #/COC ID / NA	Out of temp indicate with "X"	PM Notified if out of temp	Tracking Number NA	Filed
	30.9	IR02	1			7774 7692 3300	

4. Was a Temperature Blank present in cooler? NA Y (N) If yes, notate the temperature in the appropriate column above:
   If no, take the temperature of a representative sample bottle contained within the cooler; notate in the column "Sample Temp":
5. Were samples received within the method specified temperature ranges? NA (Y) N
   If no, were they received on ice and same day as collected? If not, notate the cooler # below and notify the PM. (NA) Y N

If applicable, tissue samples were received: *Frozen* *Partially Thawed* *Thawed*

6. Packing material: *Inserts* (*Baggies*) (*Bubble Wrap*) *Gel Packs* *Wet Ice* *Dry Ice* *Sleeves* _____
7. Were custody papers properly filled out (ink, signed, etc.)? NA (Y) N
8. Were samples received in good condition (unbroken) NA (Y) N
9. Were all sample labels complete (ie, analysis, preservation, etc.)? NA (Y) N
10. Did all sample labels and tags agree with custody papers? NA (Y) N
11. Were appropriate bottles/containers and volumes received for the tests indicated? NA (Y) N
12. Were the pH-preserved bottles (*see SMO GEN SOP*) received at the appropriate pH? *Indicate in the table below* (NA) Y N
13. Were VOA vials received without headspace? *Indicate in the table below.* (NA) Y N
14. Was C12/Res negative? (NA) Y N
15. Were 100ml sterile microbiology bottles filled exactly to the 100ml mark? (NA) Y N Under filled Overfilled

Sample ID on Bottle	Sample ID on COC	Identified by:

Sample ID	Bottle Count Bottle Type	Head-space	Broke	pH	Reagent	Volume added	Reagent Lot Number	Initials	Time

Notes, Discrepancies, Resolutions: Temp not an issue due to nature of sample

Miscellaneous Forms

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360) 577-7222 Fax (360) 425-9096
www.alsglobal.com

Inorganic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
E	The result is an estimate amount because the value exceeded the instrument calibration range.
J	The result is an estimated value.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.
H	The holding time for this test is immediately following sample collection. The samples were analyzed as soon as possible after receipt by the laboratory.

Metals Data Qualifiers

#	The control limit criteria is not applicable.
J	The result is an estimated value.
E	The percent difference for the serial dilution was greater than 10%, indicating a possible matrix interference in the sample.
M	The duplicate injection precision was not met.
N	The Matrix Spike sample recovery is not within control limits. See case narrative.
S	The reported value was determined by the Method of Standard Additions (MSA).
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
W	The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
+	The correlation coefficient for the MSA is less than 0.995.
Q	See case narrative. One or more quality control criteria was outside the limits.

Organic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
A	A tentatively identified compound, a suspected aldol-condensation product.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
C	The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
D	The reported result is from a dilution.
E	The result is an estimated value.
J	The result is an estimated value.
N	The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
P	The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a chromatographic interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.

Additional Petroleum Hydrocarbon Specific Qualifiers

F	The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
L	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
H	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
O	The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
Y	The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
Z	The chromatographic fingerprint does not resemble a petroleum product.

ALS Group USA Corp. dba ALS Environmental (ALS) - Kelso
State Certifications, Accreditations, and Licenses

Agency	Web Site	Number
Alaska DEH	http://dec.alaska.gov/eh/lab/cs/csapproval.htm	UST-040
Arizona DHS	http://www.azdhs.gov/lab/license/env.htm	AZ0339
Arkansas - DEQ	http://www.adeq.state.ar.us/techsvs/labcert.htm	88-0637
California DHS (ELAP)	http://www.cdph.ca.gov/certlic/labs/Pages/ELAP.aspx	2795
DOD ELAP	http://www.denix.osd.mil/edqw/Accreditation/AccreditedLabs.cfm	L16-58-R4
Florida DOH	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E87412
Hawaii DOH	http://health.hawaii.gov/	-
ISO 17025	http://www.pjlabs.com/	L16-57
Louisiana DEQ	http://www.deq.louisiana.gov/page/la-lab-accreditation	03016
Maine DHS	http://www.maine.gov/dhhs/	WA01276
Minnesota DOH	http://www.health.state.mn.us/accreditation	053-999-457
Nevada DEP	http://ndep.nv.gov/bsdw/labservice.htm	WA01276
New Jersey DEP	http://www.nj.gov/dep/enforcement/oqa.html	WA005
New York - DOH	https://www.wadsworth.org/regulatory/elap	12060
North Carolina DEQ	https://deq.nc.gov/about/divisions/water-resources/water-resources-data/water-sciences-home-page/laboratory-certification-branch/non-field-lab-certification	605
Oklahoma DEQ	http://www.deq.state.ok.us/CSDnew/labcert.htm	9801
Oregon – DEQ (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	WA100010
South Carolina DHEC	http://www.scdhec.gov/environment/EnvironmentalLabCertification/	61002
Texas CEQ	http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html	T104704427
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C544
Wyoming (EPA Region 8)	https://www.epa.gov/region8-waterops/epa-region-8-certified-drinking-water-	-
Kelso Laboratory Website	www.alsglobal.com	NA

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. A complete listing of specific NELAP-certified analytes, can be found in the certification section at www.ALSGlobal.com or at the accreditation bodies web site.
Please refer to the certification and/or accreditation body's web site if samples are submitted for compliance purposes. The states highlighted above, require the analysis be listed on the state certification if used for compliance purposes and if the method/anlayte is offered by that state.

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LOD	Limit of Detection
LOQ	Limit of Quantitation
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Client: Tetra Tech, Inc. **Service Request:** K2208509
Project: Garner Street Soil/

Sample Name: GS-06E-00-01 **Date Collected:** 05/19/22
Lab Code: K2208509-001 **Date Received:** 07/27/22
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6020A	KLINN	JCHAN

Sample Name: GS-07E-00-01 **Date Collected:** 05/19/22
Lab Code: K2208509-002 **Date Received:** 07/27/22
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6020A	KLINN	JCHAN

Sample Name: GS-08A-00-01 **Date Collected:** 05/17/22
Lab Code: K2208509-003 **Date Received:** 07/27/22
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6020A	KLINN	JCHAN

Sample Name: GS-08B-00-01 **Date Collected:** 05/18/22
Lab Code: K2208509-004 **Date Received:** 07/27/22
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6020A	KLINN	JCHAN

Sample Name: GS-12B-00-01 **Date Collected:** 05/17/22
Lab Code: K2208509-005 **Date Received:** 07/27/22
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6020A	KLINN	JCHAN

Client: Tetra Tech, Inc. **Service Request:** K2208509
Project: Garner Street Soil/

Sample Name: GS-21D-00-01 **Date Collected:** 05/18/22
Lab Code: K2208509-006 **Date Received:** 07/27/22
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6020A	KLINN	JCHAN

Sample Name: GS-23D-00-01 **Date Collected:** 05/18/22
Lab Code: K2208509-007 **Date Received:** 07/27/22
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6020A	KLINN	JCHAN

Sample Name: GS-27D-00-01 **Date Collected:** 05/18/22
Lab Code: K2208509-008 **Date Received:** 07/27/22
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6020A	KLINN	JCHAN

Sample Name: GS-29A4-00-01 **Date Collected:** 05/16/22
Lab Code: K2208509-009 **Date Received:** 07/27/22
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6020A	KLINN	JCHAN

Sample Name: GS-29D-00-01 **Date Collected:** 05/18/22
Lab Code: K2208509-010 **Date Received:** 07/27/22
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6020A	KLINN	JCHAN

Client: Tetra Tech, Inc. **Service Request:** K2208509
Project: Garner Street Soil/

Sample Name: GS-34A-00-01 **Date Collected:** 05/16/22
Lab Code: K2208509-011 **Date Received:** 07/27/22
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6020A	KLINN	JCHAN

Sample Name: GS-36A-00-01 **Date Collected:** 05/16/22
Lab Code: K2208509-012 **Date Received:** 07/27/22
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6020A	KLINN	JCHAN

Sample Name: GS-40A-00-01 **Date Collected:** 05/16/22
Lab Code: K2208509-013 **Date Received:** 07/27/22
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6020A	KLINN	JCHAN

Sample Name: GS-CA10-00-01 **Date Collected:** 05/19/22
Lab Code: K2208509-014 **Date Received:** 07/27/22
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6020A	KLINN	JCHAN

Sample Name: GS-HOUSE-00-01 **Date Collected:** 05/17/22
Lab Code: K2208509-015 **Date Received:** 07/27/22
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6020A	KLINN	JCHAN

Sample Results

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Metals

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www.alsglobal.com

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2208509
Project:	Garner Street Soil	**Date Collected:**	05/19/22 09:08
Sample Matrix:	Soil	**Date Received:**	07/27/22 09:30
Sample Name:	GS-06E-00-01	**Basis:**	Dry
Lab Code:	K2208509-001		

IVBA Metals

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Lead	6020A	**58.1**	mg/Kg	0.049	5	08/09/22 09:07	08/03/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2208509
Project:	Garner Street Soil	**Date Collected:**	05/19/22 09:32
Sample Matrix:	Soil	**Date Received:**	07/27/22 09:30
Sample Name:	GS-07E-00-01	**Basis:**	Dry
Lab Code:	K2208509-002		

IVBA Metals

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Lead	6020A	**57.1**	mg/Kg	0.050	5	08/09/22 09:08	08/03/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2208509
Project:	Garner Street Soil	**Date Collected:**	05/17/22 15:42
Sample Matrix:	Soil	**Date Received:**	07/27/22 09:30
Sample Name:	GS-08A-00-01	**Basis:**	Dry
Lab Code:	K2208509-003		

IVBA Metals

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Lead	6020A	**28.4**	mg/Kg	0.049	5	08/09/22 09:09	08/03/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2208509
Project:	Garner Street Soil	**Date Collected:**	05/18/22 08:27
Sample Matrix:	Soil	**Date Received:**	07/27/22 09:30
Sample Name:	GS-08B-00-01	**Basis:**	Dry
Lab Code:	K2208509-004		

IVBA Metals

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Lead	6020A	**22.3**	mg/Kg	0.050	5	08/09/22 09:11	08/03/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2208509
Project:	Garner Street Soil	**Date Collected:**	05/17/22 17:04
Sample Matrix:	Soil	**Date Received:**	07/27/22 09:30
Sample Name:	GS-12B-00-01	**Basis:**	Dry
Lab Code:	K2208509-005		

IVBA Metals

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Lead	6020A	**21.8**	mg/Kg	0.050	5	08/09/22 09:19	08/03/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2208509
Project:	Garner Street Soil	**Date Collected:**	05/18/22 15:27
Sample Matrix:	Soil	**Date Received:**	07/27/22 09:30
Sample Name:	GS-21D-00-01	**Basis:**	Dry
Lab Code:	K2208509-006		

IVBA Metals

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Lead	6020A	**83.9**	mg/Kg	0.050	5	08/09/22 09:20	08/03/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2208509
Project:	Garner Street Soil	**Date Collected:**	05/18/22 15:44
Sample Matrix:	Soil	**Date Received:**	07/27/22 09:30
Sample Name:	GS-23D-00-01	**Basis:**	Dry
Lab Code:	K2208509-007		

IVBA Metals

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Lead	6020A	**41.2**	mg/Kg	0.050	5	08/09/22 09:21	08/03/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2208509
Project:	Garner Street Soil	**Date Collected:**	05/18/22 16:17
Sample Matrix:	Soil	**Date Received:**	07/27/22 09:30
Sample Name:	GS-27D-00-01	**Basis:**	Dry
Lab Code:	K2208509-008		

IVBA Metals

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Lead	6020A	**20.9**	mg/Kg	0.050	5	08/09/22 09:22	08/03/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2208509
Project:	Garner Street Soil	**Date Collected:**	05/16/22 11:00
Sample Matrix:	Soil	**Date Received:**	07/27/22 09:30
Sample Name:	GS-29A4-00-01	**Basis:**	Dry
Lab Code:	K2208509-009		

IVBA Metals

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Lead	6020A	**13.7**	mg/Kg	0.050	5	08/09/22 09:23	08/03/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2208509
Project:	Garner Street Soil	**Date Collected:**	05/18/22 14:52
Sample Matrix:	Soil	**Date Received:**	07/27/22 09:30
Sample Name:	GS-29D-00-01	**Basis:**	Dry
Lab Code:	K2208509-010		

IVBA Metals

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Lead	6020A	**65.7**	mg/Kg	0.049	5	08/09/22 09:25	08/03/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2208509
Project:	Garner Street Soil	**Date Collected:**	05/16/22 12:42
Sample Matrix:	Soil	**Date Received:**	07/27/22 09:30
Sample Name:	GS-34A-00-01	**Basis:**	Dry
Lab Code:	K2208509-011		

IVBA Metals

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Lead	6020A	**11.8**	mg/Kg	0.049	5	08/09/22 09:26	08/03/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2208509
Project:	Garner Street Soil	**Date Collected:**	05/16/22 14:10
Sample Matrix:	Soil	**Date Received:**	07/27/22 09:30
Sample Name:	GS-36A-00-01	**Basis:**	Dry
Lab Code:	K2208509-012		

IVBA Metals

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Lead	6020A	**25.2**	mg/Kg	0.050	5	08/09/22 09:27	08/03/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2208509
Project:	Garner Street Soil	**Date Collected:**	05/16/22 16:01
Sample Matrix:	Soil	**Date Received:**	07/27/22 09:30
Sample Name:	GS-40A-00-01	**Basis:**	Dry
Lab Code:	K2208509-013		

IVBA Metals

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Lead	6020A	**14.1**	mg/Kg	0.049	5	08/09/22 09:28	08/03/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2208509
Project:	Garner Street Soil	**Date Collected:**	05/19/22 10:42
Sample Matrix:	Soil	**Date Received:**	07/27/22 09:30
Sample Name:	GS-CA10-00-01	**Basis:**	Dry
Lab Code:	K2208509-014		

IVBA Metals

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Lead	6020A	**49.2**	mg/Kg	0.050	5	08/09/22 09:33	08/03/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2208509
Project:	Garner Street Soil	**Date Collected:**	05/17/22 10:38
Sample Matrix:	Soil	**Date Received:**	07/27/22 09:30
Sample Name:	GS-HOUSE-00-01	**Basis:**	Dry
Lab Code:	K2208509-015		

IVBA Metals

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Lead	6020A	**22.7**	mg/Kg	0.050	5	08/09/22 09:34	08/03/22	

QC Summary Forms

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Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2208509
Project:	Garner Street Soil	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	Dry
Lab Code:	KQ2212767-01		

IVBA Metals

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Lead	6020A	ND U	mg/Kg	0.050	5	08/09/22 09:04	08/03/22	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2208509
Project:	Garner Street Soil	**Date Collected:**	05/18/22
Sample Matrix:	Soil	**Date Received:**	07/27/22
		Date Analyzed:	08/9/22
		Date Extracted:	08/3/22

Matrix Spike Summary
IVBA Metals

Sample Name:	GS-08B-00-01	**Units:**	mg/Kg
Lab Code:	K2208509-004	**Basis:**	Dry
Analysis Method:	6020A		
Prep Method:	EPA 9200.2-86		

Matrix Spike
KQ2212767-05

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Lead	22.3	118	98.2	97	75-125

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

ALS Group USA, Corp.

dba ALS Environmental

QA/QC Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2208509
Project	Garner Street Soil	**Date Collected:**	05/18/22
Sample Matrix:	Soil	**Date Received:**	07/27/22
		Date Analyzed:	08/09/22

Replicate Sample Summary

IVBA Metals

Sample Name:	GS-08B-00-01	**Units:**	mg/Kg
Lab Code:	K2208509-004	**Basis:**	Dry

Analyte Name	Analysis Method	MRL	Sample Result	Duplicate Sample KQ2212767-04 Result	Average	RPD	RPD Limit
Lead	6020A	0.050	22.3	23.6	23.0	6	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Client: Tetra Tech, Inc.
Project: Garner Street Soil
Sample Matrix: Soil

Service Request: K2208509
Date Analyzed: 08/09/22

Lab Control Sample Summary
IVBA Metals

Units:mg/Kg
Basis: Dry

Lab Control Sample
KQ2212767-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Lead	6020A	97.1	100	97	80-120

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

Tetra Tech

R8 START: Garner Street Soils, Colorado Springs, CO

103X903520F0071211205

SGS Job Number: JD48925

Sampling Date: 07/22/22

Report to:

Tetra Tech
1560 Broadway Street Suite 1400
Denver, CO 80202
brian.croft@tetratech.com; R8START.LabReports@tetratechinc.onmicrosoft.com; Bruce.Welch@tetratech.com
ATTN: Brian Croft

Total number of pages in report: **188**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

David Chastain
General Manager

Client Service contact: Jadon Schiller 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, FL, IL, IN, KS, KY, LA, MA, MD, ME, MN, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA(68-00408), RI, SC, TX, UT, VA, WV

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SGS North America Inc.

Sample Summary

Tetra Tech

Job No: JD48925

R8 START: Garner Street Soils, Colorado Springs, CO
Project No: 103X903520F0071211205

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JD48925-1	07/22/22	08:30	BC	07/26/22	SO	Soil	GS-TCLP-01

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	Tetra Tech	**Job No**	JD48925
Site:	R8 START: Garner Street Soils, Colorado Springs, CO	**Report Date**	8/2/2022 12:43:29 PM

On 07/26/2022, 1 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at SGS North America Inc. at a maximum corrected temperature of 21.8 C. Samples were intact and chemically preserved, unless noted below. A SGS North America Inc. Job Number of JD48925 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Compounds qualified as out of range in the continuing calibration summary report are acceptable as per method requirements when there is a high bias but the sample result is non-detect.

Metals Analysis By Method SW846 6010D

Matrix: LEACHATE **Batch ID:** MP34320

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) DA47321-1MS, DA47321-1MSD, DA47321-1SDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Cadmium, Chromium, Selenium are outside control limits for sample MP34320-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- JD48925-1 for Arsenic: The leaching temperature was out of range for 18 hours.
- JD48925-1 for Barium: The leaching temperature was out of range for 18 hours.
- JD48925-1 for Cadmium: The leaching temperature was out of range for 18 hours.
- JD48925-1 for Chromium: The leaching temperature was out of range for 18 hours.
- JD48925-1 for Lead: The leaching temperature was out of range for 18 hours.
- JD48925-1 for Selenium: The leaching temperature was out of range for 18 hours.
- JD48925-1 for Silver: The leaching temperature was out of range for 18 hours.

Metals Analysis By Method SW846 7470A

Matrix: LEACHATE **Batch ID:** MP34347

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) DA47321-1MS, DA47321-1MSD were used as the QC samples for metals.
- JD48925-1 for Mercury: The leaching temperature was out of range for 18 hours.

SGS North America Inc. certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting the Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

SGS North America Inc. is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by SGS North America Inc indicated via signature on the report cover

Summary of Hits

Job Number: JD48925
Account: Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO
Collected: 07/22/22

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JD48925-1	**GS-TCLP-01**					
Cadmium [a]		0.010	0.0040		mg/l	SW846 6010D

(a) The leaching temperature was out of range for 18 hours.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	GS-TCLP-01		
Lab Sample ID:	JD48925-1	**Date Sampled:**	07/22/22
Matrix:	SO - Soil	**Date Received:**	07/26/22
		Percent Solids:	n/a
Project:	R8 START: Garner Street Soils, Colorado Springs, CO		

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic [a]	< 0.10	D004	5.0	0.10	mg/l	1	07/29/22	08/01/22	MET	SW846 6010D [2]	SW846 3010A [3]
Barium [a]	< 0.20	D005	100	0.20	mg/l	1	07/29/22	08/01/22	MET	SW846 6010D [2]	SW846 3010A [3]
Cadmium [a]	0.010	D006	1.0	0.0040	mg/l	1	07/29/22	08/01/22	MET	SW846 6010D [2]	SW846 3010A [3]
Chromium [a]	< 0.010	D007	5.0	0.010	mg/l	1	07/29/22	08/01/22	MET	SW846 6010D [2]	SW846 3010A [3]
Lead [a]	< 0.10	D008	5.0	0.10	mg/l	1	07/29/22	08/01/22	MET	SW846 6010D [2]	SW846 3010A [3]
Mercury [a]	< 0.00020	D009	0.20	0.00020	mg/l	1	07/29/22	08/01/22	LM	SW846 7470A [1]	SW846 7470A [4]
Selenium [a]	< 0.10	D010	1.0	0.10	mg/l	1	07/29/22	08/01/22	MET	SW846 6010D [2]	SW846 3010A [3]
Silver [a]	< 0.010	D011	5.0	0.010	mg/l	1	07/29/22	08/01/22	MET	SW846 6010D [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA52793
(2) Instrument QC Batch: MA52801
(3) Prep QC Batch: MP34320
(4) Prep QC Batch: MP34347

(a) The leaching temperature was out of range for 18 hours.

RL = Reporting Limit
MCL = Maximum Contamination Level (40 CFR 261 7/1/11)

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Sample Tracking Chronicle
- Internal Chain of Custody

SGS Dayton

ALS Environmental
225 Commerce Drive, Fort Collins, Colorado 80524
(800) 443-1511 PH: (970) 490-1511 FX: (970) 490-1522

SD

Chain-of-Custody

Form 202r6

WORKORDER # JD48925
PAGE 1 of 1
DISPOSAL By Lab or Return to Client

PROJECT NAME	Garner Street Soils	SAMPLER	Brian Croft	DATE	7/25/2022
PROJECT No.	103X9035201000712112105	SITE ID		TURNAROUND	
		EDD FORMAT	Scribe		
		PURCHASE ORDER			
COMPANY NAME	Tetra Tech	BILL TO COMPANY	Tetra Tech		
SEND REPORT TO	Brian Croft/Maura McAleese	INVOICE ATTN TO	Brian Croft/Maura McAleese		
ADDRESS	1560 Broadway Ste 1400	ADDRESS	same as report to:		
CITY / STATE / ZIP	Denver/CO/80202	CITY / STATE / ZIP			
PHONE	206.300.0301	PHONE			
FAX		FAX			
E-MAIL	~~brian.croft@tetratech.com~~ maura.mcaleese@tetratech.com	E-MAIL			

Lab ID	Field ID	Matrix	Sample Date	Sample Time	# Bottles	Pres.	QC	TCLP Metals
1	GS-TCLP-01	Soil	7/22/22	0830	1			X

D21

Initial Assessment 2AEN

Label Verification

Time Zone (Circle): EST CST (MST) PST Matrix: O = oil S = soil NS = non-soil solid W = water L = liquid E = extract F = filter

For metals or anions, please detail analytes below.

Comments: please include Maura McAleese on all correspondence maura.mcaleese@tetratech.com

QC PACKAGE (check below)	
	LEVEL II (Standard QC)
	LEVEL III (Std QC + forms)
X	LEVEL IV (Std QC + forms + raw data)

Preservative Key: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-NaHSO4 7-Other 8-4 degrees C 9-5035

	SIGNATURE	PRINTED NAME	DATE	TIME
RELINQUISHED BY		Brian Croft	7/25/22	1600
RECEIVED BY	fedex		7/26	
RELINQUISHED BY	fedex		15:09	
RECEIVED BY		Jeremy Lee		
RELINQUISHED BY				
RECEIVED BY				

~~FAT~~ TRK# 777[illegible] NO ICE

JD48925: Chain of Custody
Page 1 of 2

SGS Sample Receipt Summary

Job Number: JD48925 **Client:** _____ **Project:** _____

Date / Time Received: 7/26/2022 3:09:00 PM **Delivery Method:** _____ **Airbill #'s:** _____

Cooler Temps (Raw Measured) °C: Cooler 1: (21.2);

Cooler Temps (Corrected) °C: Cooler 1: (21.8);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR Gun		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Test Strip Lot #s: pH 1-12: 231619 pH 12+: 203117A Other: (Specify) _____ _____

Comments

SM089-03
Rev. Date 12/7/17

Internal Sample Tracking Chronicle

Tetra Tech

Job No: JD48925

R8 START: Garner Street Soils, Colorado Springs, CO
Project No: 103X903520F0071211205

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JD48925-1	Collected: 22-JUL-22 08:30 By: BC			Received: 26-JUL-22 By: JP		
GS-TCLP-01						
JD48925-1	SW846 7470A	01-AUG-22 14:58	LM	29-JUL-22	LM	EHG
JD48925-1	SW846 6010D	01-AUG-22 23:17	MET	29-JUL-22	SF	EAG,EAS,EBA,ECD,ECR,EPB,ESE

SGS Internal Chain of Custody

Job Number: JD48925
Account: TTCOD Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO
Received: 07/26/22

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
JD48925-1.1	Christian King	Secured Storage	07/26/22 20:42	Return to Storage
JD48925-1.1	Secured Storage	Todd Shoemaker	07/27/22 08:34	Retrieve from Storage
JD48925-1.1	Todd Shoemaker	Secured Staging Area	07/27/22 08:35	Return to Storage
JD48925-1.1	Secured Staging Area	Noah Fite	07/27/22 09:15	Retrieve from Storage
JD48925-1.1	Noah Fite	Secured Storage	07/27/22 09:15	Return to Storage
JD48925-1.1	Secured Storage	Noah Fite	07/27/22 10:17	Retrieve from Storage
JD48925-1.1	Noah Fite	Secured Storage	07/27/22 17:06	Return to Storage
JD48925-1.1.1	Noah Fite	TCLP	07/27/22 10:17	Leachate from JD48925-1.1
JD48925-1.1.1	TCLP	Noah Fite	07/28/22 10:43	Leachate from JD48925-1.1
JD48925-1.1.1	Noah Fite	Secured Storage	07/28/22 10:43	Return to Storage

Metals Analysis

6

QC Data Summaries

Includes the following where applicable:

- Instrument Runlogs
- Initial and Continuing Calibration Blanks
- Initial and Continuing Calibration Checks
- High and Low Check Standards
- Interfering Element Check Standards
- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries
- IDL and Linear Range Summaries

SGS Instrument Runlog
Inorganics Analyses

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: H9080122W1.CSV Date Analyzed: 08/01/22 Methods: SW846 7470A
Analyst: LM Run ID: MA52793
Parameters: Hg

Time	Sample Description	Dilution Factor	PS Recov	Comments
13:36	MA52793-STD1	1		b=1.3967e-004,c=-4.1478e-002,rho=0.9996572
13:37	MA52793-STD2	1		STDB
13:38	MA52793-STD3	1		STDC
13:40	MA52793-STD4	1		STDD
13:42	MA52793-STD5	1		STDE
13:43	MA52793-STD6	1		STDF
13:46	ZZZZZZ	1		
13:48	MA52793-ICV1	1		
13:49	MA52793-ICB1	1		
13:51	MA52793-CCV1	1		
13:52	MA52793-CCB1	1		
13:54	MA52793-CRI1	1		
13:56	MP34251-MB2	1		
13:57	MP34251-B2	1		
13:59	MP34251-S1	1		
14:00	MP34251-S2	1		
14:02	ZZZZZZ	1		
14:04	MA52793-CCV2	1		
14:06	MA52793-CCB2	1		
14:07	MP34346-MB1	1		
14:09	MP34346-B1	1		
14:10	MP34346-S1	1		
14:12	MP34346-S2	1		
14:14	JD48794-1A	1		(sample used for QC only; not part of login JD48925)
14:16	ZZZZZZ	1		
14:17	MA52793-CCV3	1		
14:19	MA52793-CCB3	1		
14:21	ZZZZZZ	1		
14:22	ZZZZZZ	1		
14:23	ZZZZZZ	1		
14:25	ZZZZZZ	1		
14:26	ZZZZZZ	1		
14:27	ZZZZZZ	1		

SGS Instrument Runlog
Inorganics Analyses

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: H9080122W1.CSV Date Analyzed: 08/01/22 Methods: SW846 7470A
Analyst: LM Run ID: MA52793
Parameters: Hg

Time	Sample Description	Dilution Factor	PS Recov	Comments
14:29	ZZZZZZ	1		
14:30	MA52793-CCV4	1		
14:32	MA52793-CCB4	1		
14:34	MP34347-MB1	1		
14:35	MP34347-B1	1		
14:36	MP34347-S1	1		
14:38	MP34347-S2	1		
14:40	DA47321-1	1		(sample used for QC only; not part of login JD48925)
14:42	ZZZZZZ	1		
14:43	ZZZZZZ	1		
14:45	MA52793-CCV5	1		
14:46	MA52793-CCB5	1		
14:48	ZZZZZZ	1		
14:49	ZZZZZZ	1		
14:51	ZZZZZZ	1		
14:52	ZZZZZZ	1		
14:54	ZZZZZZ	1		
14:55	ZZZZZZ	1		
14:56	ZZZZZZ	1		
14:58	JD48925-1	1		
---------->	Last reportable sample/prep for job JD48925			
14:59	MA52793-CCV6	1		
15:00	MA52793-CCB6	1		
---------->	Last reportable CCB for job JD48925			
15:03	MP34348-MB1	1		
15:04	MP34348-B1	1		
15:06	MP34348-S1	1		
15:07	MP34348-S2	1		
15:09	DA47320-1	1		(sample used for QC only; not part of login JD48925)
15:11	MA52793-CCV7	1		
15:13	MA52793-CCB7	1		
15:14	MP34349-MB1	1		
15:16	MP34349-B1	1		
15:17	MP34349-S1	1		
15:19	MP34349-S2	1		

SGS Instrument Runlog
Inorganics Analyses

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: H9080122W1.CSV Date Analyzed: 08/01/22 Methods: SW846 7470A
Analyst: LM Run ID: MA52793
Parameters: Hg

Time	Sample Description	Dilution Factor	PS Recov	Comments
15:21	MP34349-S3	1		
15:23	MP34349-S4	1		
15:25	JD48726-3	1		(sample used for QC only; not part of login JD48925)
15:27	MA52793-CCV8	1		
15:29	MA52793-CCB8	1		
15:31	JD48726-3F	1		(sample used for QC only; not part of login JD48925)
15:32	ZZZZZZ	1		
15:34	ZZZZZZ	1		
15:35	ZZZZZZ	1		
15:36	ZZZZZZ	1		
15:38	ZZZZZZ	1		
15:40	ZZZZZZ	1		
15:42	ZZZZZZ	1		
15:43	MA52793-CCV9	1		
15:45	MA52793-CCB9	1		
15:46	ZZZZZZ	1		
15:48	ZZZZZZ	1		
15:49	ZZZZZZ	1		
15:51	ZZZZZZ	1		
15:52	ZZZZZZ	1		
15:54	ZZZZZZ	1		
15:55	ZZZZZZ	1		
15:57	ZZZZZZ	1		
15:58	MA52793-CCV10	1		
16:00	MA52793-CCB10	1		

Refer to raw data for calibration curve and standards.

REPORTED ELEMENTS SUMMARY

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: H9080122W1.CSV Date Analyzed: 08/01/22 Methods: SW846 7470A
Analyst: LM Run ID: MA52793
Parameters: Hg

Time	Sample Description	Element: Dilution	Hg	
13:46	ZZZZZZ	1		
13:48	MA52793-ICV1	1	X	
13:49	MA52793-ICB1	1	X	
13:51	MA52793-CCV1	1	X	
13:52	MA52793-CCB1	1	X	
13:54	MA52793-CRI1	1	X	
13:56	MP34251-MB2	1	X	
13:57	MP34251-B2	1	X	
13:59	MP34251-S1	1	X	
14:00	MP34251-S2	1	X	
14:02	ZZZZZZ	1		
14:04	MA52793-CCV2	1	X	
14:06	MA52793-CCB2	1	X	
14:07	MP34346-MB1	1	X	
14:09	MP34346-B1	1	X	
14:10	MP34346-S1	1	X	
14:12	MP34346-S2	1	X	
14:14	JD48794-1A	1	X	(a)
14:16	ZZZZZZ	1		
14:17	MA52793-CCV3	1	X	
14:19	MA52793-CCB3	1	X	
14:21	ZZZZZZ	1		
14:22	ZZZZZZ	1		
14:23	ZZZZZZ	1		
14:25	ZZZZZZ	1		
14:26	ZZZZZZ	1		
14:27	ZZZZZZ	1		
14:29	ZZZZZZ	1		
14:30	MA52793-CCV4	1	X	
14:32	MA52793-CCB4	1	X	
14:34	MP34347-MB1	1	X	
14:35	MP34347-B1	1	X	
14:36	MP34347-S1	1	X	
		Element:	Hg	

REPORTED ELEMENTS SUMMARY

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: H9080122W1.CSV Date Analyzed: 08/01/22 Methods: SW846 7470A
Analyst: LM Run ID: MA52793
Parameters: Hg

Time	Sample Description	Element: Dilution	Hg	
14:38	MP34347-S2	1	X	
14:40	DA47321-1	1	X	(a)
14:42	ZZZZZZ	1		
14:43	ZZZZZZ	1		
14:45	MA52793-CCV5	1	X	
14:46	MA52793-CCB5	1	X	
14:48	ZZZZZZ	1		
14:49	ZZZZZZ	1		
14:51	ZZZZZZ	1		
14:52	ZZZZZZ	1		
14:54	ZZZZZZ	1		
14:55	ZZZZZZ	1		
14:56	ZZZZZZ	1		
14:58	JD48925-1	1	X	
14:59	MA52793-CCV6	1	X	
15:00	MA52793-CCB6	1	X	
15:03	MP34348-MB1	1	X	
15:04	MP34348-B1	1	X	
15:06	MP34348-S1	1	X	
15:07	MP34348-S2	1	X	
15:09	DA47320-1	1	X	(a)
15:11	MA52793-CCV7	1	X	
15:13	MA52793-CCB7	1	X	
15:14	MP34349-MB1	1	X	
15:16	MP34349-B1	1	X	
15:17	MP34349-S1	1	X	
15:19	MP34349-S2	1	X	
15:21	MP34349-S3	1	X	
15:23	MP34349-S4	1	X	
15:25	JD48726-3	1	X	(a)
15:27	MA52793-CCV8	1	X	
15:29	MA52793-CCB8	1	X	
15:31	JD48726-3F	1	X	(a)
		Element:	Hg	

REPORTED ELEMENTS SUMMARY

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: H9080122W1.CSV Date Analyzed: 08/01/22 Methods: SW846 7470A
Analyst: LM Run ID: MA52793
Parameters: Hg

Time	Sample Description	Dilution	Element: Hg
15:32	ZZZZZZ	1	
15:34	ZZZZZZ	1	
15:35	ZZZZZZ	1	
15:36	ZZZZZZ	1	
15:38	ZZZZZZ	1	
15:40	ZZZZZZ	1	
15:42	ZZZZZZ	1	
15:43	MA52793-CCV9	1	X
15:45	MA52793-CCB9	1	X
15:46	ZZZZZZ	1	
15:48	ZZZZZZ	1	
15:49	ZZZZZZ	1	
15:51	ZZZZZZ	1	
15:52	ZZZZZZ	1	
15:54	ZZZZZZ	1	
15:55	ZZZZZZ	1	
15:57	ZZZZZZ	1	
15:58	MA52793-CCV10	1	X
16:00	MA52793-CCB10	1	X

(a) Sample used for QC only; not part of login JD48925.

Element: Hg

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: H9080122W1.CSV Date Analyzed: 08/01/22 Methods: SW846 7470A
QC Limits: result < RL Run ID: MA52793 Units: ug/l

Time:			13:49		13:52		14:06		14:19	
Sample ID:			ICB1		CCB1		CCB2		CCB3	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Mercury	0.20	.034	-0.00810	<0.20	-0.00710	<0.20	-0.00310	<0.20	-0.00640	<0.20

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: H9080122W1.CSV Date Analyzed: 08/01/22 Methods: SW846 7470A
QC Limits: result < RL Run ID: MA52793 Units: ug/l

Time:			14:32		14:46		15:00	
Sample ID:			CCB4		CCB5		CCB6	
Metal	RL	IDL	raw	final	raw	final	raw	final
Mercury	0.20	.034	-0.00360	<0.20	-0.0149	<0.20	-0.0172	<0.20

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: H9080122W1.CSV Date Analyzed: 08/01/22 Methods: SW846 7470A
QC Limits: 90 to 110 % Recovery Run ID: MA52793 Units: ug/l

Time:		13:48			13:51			14:04	
Sample ID:	ICV	ICV1		CCV	CCV1		CCV	CCV2	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Mercury	3	3.23	107.7	2.5	2.51	100.4	2.5	2.41	96.4

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: H9080122W1.CSV Date Analyzed: 08/01/22 Methods: SW846 7470A
QC Limits: 90 to 110 % Recovery Run ID: MA52793 Units: ug/l

Time:		14:17			14:30			14:45	
Sample ID:	CCV	CCV3		CCV	CCV4		CCV	CCV5	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Mercury	2.5	2.47	98.8	2.5	2.43	97.2	2.5	2.39	95.6

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: H9080122W1.CSV Date Analyzed: 08/01/22 Methods: SW846 7470A
QC Limits: 90 to 110 % Recovery Run ID: MA52793 Units: ug/l

Time:		14:59	
Sample ID:	CCV	CCV6	
Metal	True	Results	% Rec
Mercury	2.5	2.33	93.2

(*) Outside of QC limits
(anr) Analyte not requested

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: H9080122W1.CSV Date Analyzed: 08/01/22 Methods: SW846 7470A
QC Limits: 70 to 130 % Recovery Run ID: MA52793 Units: ug/l

Time:			13:54	
Sample ID:	CRI	CRIA	CRI1	
Metal	True	True	Results	% Rec
Mercury	0.20		0.150	75.0

(*) Outside of QC limits
(anr) Analyte not requested

SGS Instrument Runlog
Inorganics Analyses

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
Analyst: MET Run ID: MA52801
Parameters: As,Ba,Cd,Cr,Pb,Se,Ag

Time	Sample Description	Dilution Factor	PS Recov	Comments
11:49	MA52801-STD1	1		STDA
11:54	MA52801-STD2	1		STDB
11:59	MA52801-ICV1	1		
12:07	MA52801-ICB1	1		
12:15	MA52801-ICCV1	1		
12:26	MA52801-CCB1	1		
12:30	MA52801-CRI1	1		
12:35	MA52801-CRID1	1		
12:40	MA52801-ICSA1	1		
12:45	MA52801-ICSAB1	1		
12:50	MA52801-HSTD1	1		
12:56	MA52801-HSTD2	1		
13:01	ZZZZZZ	1		
13:06	ZZZZZZ	1		
13:11	ZZZZZZ	1		
13:16	MA52801-CCV1	1		
13:21	MA52801-CCB2	1		
13:26	MA52801-CRID2	1		
13:31	ZZZZZZ	1		
13:36	MP34316-MB1	1		
13:41	MP34316-B1	1		
13:45	MP34316-S1	1		
13:50	MP34316-S2	1		
13:55	JD48941-9	1		(sample used for QC only; not part of login JD48925)
14:00	MP34316-SD1	5		
14:05	MP34316-PS1	1		
14:10	MA52801-CCV2	1		
14:15	MA52801-CCB3	1		
14:20	ZZZZZZ	1		
14:24	MA52801-CCV3	1		
14:29	MA52801-CCB4	1		
14:34	ZZZZZZ	1		
14:39	ZZZZZZ	1		

SGS Instrument Runlog
Inorganics Analyses

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
Analyst: MET Run ID: MA52801
Parameters: As,Ba,Cd,Cr,Pb,Se,Ag

Time	Sample Description	Dilution Factor	PS Recov	Comments
14:44	ZZZZZZ	1		
14:49	ZZZZZZ	1		
14:54	ZZZZZZ	1		
14:59	ZZZZZZ	1		
15:04	ZZZZZZ	1		
15:08	ZZZZZZ	1		
15:13	MA52801-CCV4	1		
15:18	MA52801-CCB5	1		
15:23	ZZZZZZ	1		
15:28	ZZZZZZ	1		
15:33	ZZZZZZ	1		
15:38	ZZZZZZ	1		
15:43	ZZZZZZ	1		
15:48	ZZZZZZ	1		
15:53	ZZZZZZ	1		
15:58	ZZZZZZ	1		
16:03	MA52801-CCV5	1		
16:08	MA52801-CCB6	1		
16:12	MP34333-MB1	1		
16:17	MP34333-B1	1		
16:22	MP34333-S1	1		
16:27	MP34333-S2	1		
16:32	JD48966-3	1		(sample used for QC only; not part of login JD48925)
16:37	MP34333-SD1	5		
16:41	ZZZZZZ	1		
16:46	ZZZZZZ	1		
16:52	ZZZZZZ	1		
16:57	MA52801-CCV6	1		
17:02	MA52801-CCB7	1		
17:07	ZZZZZZ	1		
17:12	ZZZZZZ	1		
17:17	ZZZZZZ	1		
17:22	ZZZZZZ	1		

SGS Instrument Runlog
Inorganics Analyses

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
Analyst: MET Run ID: MA52801
Parameters: As,Ba,Cd,Cr,Pb,Se,Ag

Time	Sample Description	Dilution Factor	PS Recov	Comments
17:27	ZZZZZZ	1		
17:31	ZZZZZZ	1		
17:36	ZZZZZZ	1		
17:41	ZZZZZZ	1		
17:46	ZZZZZZ	1		
17:51	ZZZZZZ	1		
17:56	MA52801-CCV7	1		
18:01	MA52801-CCB8	1		
18:06	MP34333-MB2	1		
18:11	MP34333-B2	1		Out for Min
18:15	ZZZZZZ	1		
18:20	ZZZZZZ	1		
18:26	ZZZZZZ	1		
18:30	ZZZZZZ	1		
18:36	ZZZZZZ	1		
18:40	ZZZZZZ	1		
18:45	ZZZZZZ	5		
18:50	MA52801-CCV8	1		
18:55	MA52801-CCB9	1		
19:00	ZZZZZZ	1		
19:05	ZZZZZZ	1		
19:10	MP34315-S1	2		
19:14	MP34315-S2	2		
19:19	JD48982-1	2		(sample used for QC only; not part of login JD48925)
19:24	MP34315-SD1	10		
19:29	ZZZZZZ	5		
19:34	ZZZZZZ	1		
19:39	ZZZZZZ	2		
19:44	ZZZZZZ	5		
19:49	MA52801-CCV9	1		
19:53	MA52801-CCB10	1		
19:58	ZZZZZZ	1		
20:03	ZZZZZZ	1		

SGS Instrument Runlog
Inorganics Analyses

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
Analyst: MET Run ID: MA52801
Parameters: As,Ba,Cd,Cr,Pb,Se,Ag

Time	Sample Description	Dilution Factor	PS Recov	Comments
20:08	MP34310-S1	5		Needs post spike for Sb
20:13	MP34310-S2	5		
20:18	JD48968-3	5		(sample used for QC only; not part of login JD48925)
20:22	MP34310-SD1	25		
20:27	ZZZZZZ	5		
20:32	ZZZZZZ	5		
20:37	ZZZZZZ	5		
20:42	MA52801-CCV10	1		
20:47	MA52801-CCB11	1		
20:52	ZZZZZZ	1		
20:57	ZZZZZZ	10		
21:02	ZZZZZZ	1		
21:07	ZZZZZZ	5		
21:12	ZZZZZZ	5		
21:17	ZZZZZZ	5		
21:22	ZZZZZZ	5		
21:27	ZZZZZZ	1		
21:32	MA52801-CCV11	1		
21:37	MA52801-CCB12	1		
21:42	MP34320-MB1	1		
21:47	MP34320-LB1	1		
21:52	MP34320-B1	1		
21:57	MP34320-LS1	1		
22:01	MP34320-S1	1		
22:06	MP34320-S2	1		
22:11	DA47321-1	1		(sample used for QC only; not part of login JD48925)
22:16	MP34320-SD1	5		
22:21	ZZZZZZ	1		
22:26	ZZZZZZ	1		
22:31	MA52801-CCV12	1		
22:36	MA52801-CCB13	1		
22:41	ZZZZZZ	1		
22:46	ZZZZZZ	1		

SGS Instrument Runlog
Inorganics Analyses

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
Analyst: MET Run ID: MA52801
Parameters: As,Ba,Cd,Cr,Pb,Se,Ag

Time	Sample Description	Dilution Factor	PS Recov	Comments
22:51	ZZZZZZ	1		
22:57	ZZZZZZ	1		
23:02	ZZZZZZ	1		
23:07	ZZZZZZ	1		
23:12	ZZZZZZ	1		
23:17	JD48925-1	1		
---------->	Last reportable sample/prep for job JD48925			
23:22	MP34321-LB1	1		
23:27	MP34321-MB1	1		
23:32	MA52801-CCV13	1		
23:37	MA52801-CCB14	1		
---------->	Last reportable CCB for job JD48925			
23:42	MP34321-B1	1		
23:47	MP34321-LS1	1		
23:52	MP34321-S1	1		
23:57	MP34321-S2	1		
00:02	JD48569-1R	1		(sample used for QC only; not part of login JD48925)
00:07	MP34321-SD1	5		
00:12	ZZZZZZ	1		
00:17	MP34337-B1	1		
00:21	MP34337-MB1	1		
00:26	MA52801-CCV14	1		
00:31	MA52801-CCB15	1		
00:36	MP34337-S1	1		
00:41	MP34337-S2	1		
00:46	JD49058-2	1		(sample used for QC only; not part of login JD48925)
00:51	MP34337-SD1	5		
00:56	ZZZZZZ	1		
01:01	ZZZZZZ	1		
01:06	ZZZZZZ	1		
01:11	MA52801-CCV15	1		
01:16	MA52801-CCB16	1		
01:21	ZZZZZZ	1		
01:26	ZZZZZZ	1		
01:32	ZZZZZZ	1		

SGS Instrument Runlog
Inorganics Analyses

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
Analyst: MET Run ID: MA52801
Parameters: As,Ba,Cd,Cr,Pb,Se,Ag

Time	Sample Description	Dilution Factor	PS Recov	Comments
01:37	ZZZZZZ	1		
01:42	ZZZZZZ	1		
01:47	MP34334-B1	1		LI high recovery
01:52	MP34334-MB1	1		
01:57	MP34334-S1	1		
02:02	MP34334-S2	1		
02:07	JD48965-1	1		(sample used for QC only; not part of login JD48925)
02:12	MA52801-CCV16	1		
02:16	MA52801-CCB17	1		
02:22	MP34334-SD1	5		
02:27	ZZZZZZ	1		
02:32	ZZZZZZ	1		
02:37	ZZZZZZ	1		
02:42	ZZZZZZ	1		
02:47	ZZZZZZ	1		
02:52	ZZZZZZ	1		
02:57	ZZZZZZ	1		
03:02	ZZZZZZ	1		
03:07	ZZZZZZ	1		
03:12	MA52801-CCV17	1		
03:17	MA52801-CCB18	1		
03:23	ZZZZZZ	1		
03:28	ZZZZZZ	1		
03:33	ZZZZZZ	1		
03:38	ZZZZZZ	1		
03:43	ZZZZZZ	1		
03:48	ZZZZZZ	1		
03:53	ZZZZZZ	1		
03:58	ZZZZZZ	1		
04:03	ZZZZZZ	1		
04:08	MA52801-CCV18	1		
04:13	MA52801-CCB19	1		
04:18	MP34335-MB1	1		

SGS Instrument Runlog
Inorganics Analyses

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
Analyst: MET Run ID: MA52801
Parameters: As,Ba,Cd,Cr,Pb,Se,Ag

Time	Sample Description	Dilution Factor	PS Recov	Comments
04:23	MP34335-B1	1		
04:28	ZZZZZZ	1		
04:33	ZZZZZZ	1		
04:38	ZZZZZZ	1		
04:43	MP34294-MB1	1		
04:49	ZZZZZZ	1		
04:53	MP34294-S1	1		
04:58	MP34294-S2	1		
05:03	JD48828-1	1		(sample used for QC only; not part of login JD48925)
05:08	MA52801-CCV19	1		
05:13	MA52801-CCB20	1		
05:18	MP34294-SD1	5		
05:23	MP34294-S1	5		
05:28	MP34294-S2	5		
05:33	JD48828-1	5		(sample used for QC only; not part of login JD48925)
05:38	MP34294-SD1	25		
05:43	ZZZZZZ	1		
05:48	ZZZZZZ	1		
05:53	ZZZZZZ	1		
05:58	ZZZZZZ	1		
06:03	MA52801-CCV20	1		
06:08	MA52801-CCB21	1		
06:13	MP34352-MB1	1		
06:18	MP34352-LB1	1		
06:23	MP34352-B1	1		
06:28	MP34352-LS1	1		
06:33	MP34352-S1	1		
06:39	MP34352-S2	1		
06:44	DA47321-11	1		(sample used for QC only; not part of login JD48925)
06:49	MP34352-SD1	5		
06:54	ZZZZZZ	1		
06:59	MA52801-CCV21	1		
07:04	MA52801-CCB22	1		

SGS Instrument Runlog
Inorganics Analyses

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
Analyst: MET Run ID: MA52801
Parameters: As,Ba,Cd,Cr,Pb,Se,Ag

Time	Sample Description	Dilution Factor	PS Recov	Comments
07:09	ZZZZZZ	1		
07:14	ZZZZZZ	1		
07:19	ZZZZZZ	1		
07:24	ZZZZZZ	1		
07:29	ZZZZZZ	1		
07:34	ZZZZZZ	1		
07:39	ZZZZZZ	1		
07:44	ZZZZZZ	1		
07:49	ZZZZZZ	10		
07:54	ZZZZZZ	1		
07:59	MA52801-CCV22	1		
08:04	MA52801-CCB23	1		

Refer to raw data for calibration curve and standards.

REPORTED ELEMENTS SUMMARY

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
Analyst: MET Run ID: MA52801
Parameters: As,Ba,Cd,Cr,Pb,Se,Ag

Time	Sample Description	Dilution	Element: As	Ba	Cd	Cr	Pb	Se	Ag	
11:59	MA52801-ICV1	1	X	X	X	X	X	X	X	
12:07	MA52801-ICB1	1	X	X	X	X	X	X	X	
12:15	MA52801-ICCV1	1	X	X	X	X	X	X	X	
12:26	MA52801-CCB1	1	X	X	X	X	X	X	X	
12:30	MA52801-CRI1	1	X	X	X	X	X	X	X	
12:35	MA52801-CRID1	1	X	X	X	X	X	X	X	
12:40	MA52801-ICSA1	1	X	X	X	X	X	X	X	
12:45	MA52801-ICSAB1	1	X	X	X	X	X	X	X	
12:50	MA52801-HSTD1	1	X	X	X	X	X	X	X	
12:56	MA52801-HSTD2	1	X	X	X	X	X	X	X	
13:01	ZZZZZZ	1								
13:06	ZZZZZZ	1								
13:11	ZZZZZZ	1								
13:16	MA52801-CCV1	1	X	X	X	X	X	X	X	
13:21	MA52801-CCB2	1	X	X	X	X	X	X	X	
13:26	MA52801-CRID2	1	X	X	X	X	X	X	X	
13:31	ZZZZZZ	1								
13:36	MP34316-MB1	1	X	X	X	X	X	X	X	
13:41	MP34316-B1	1	X	X	X	X	X	X	X	
13:45	MP34316-S1	1	X	X	X	X	X	X	X	
13:50	MP34316-S2	1	X	X	X	X	X	X	X	
13:55	JD48941-9	1	X	X	X	X	X	X	X	(a)
14:00	MP34316-SD1	5	X	X	X	X	X	X	X	
14:05	MP34316-PS1	1								
14:10	MA52801-CCV2	1	X	X	X	X	X	X	X	
14:15	MA52801-CCB3	1	X	X	X	X	X	X	X	
14:20	ZZZZZZ	1								
14:24	MA52801-CCV3	1	X	X	X	X	X	X	X	
14:29	MA52801-CCB4	1	X	X	X	X	X	X	X	
14:34	ZZZZZZ	1								
14:39	ZZZZZZ	1								
14:44	ZZZZZZ	1								
14:49	ZZZZZZ	1								
		Element:	As	Ba	Cd	Cr	Pb	Se	Ag	

REPORTED ELEMENTS SUMMARY

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
Analyst: MET Run ID: MA52801
Parameters: As,Ba,Cd,Cr,Pb,Se,Ag

Time	Sample Description	Element: Dilution	As	Ba	Cd	Cr	Pb	Se	Ag	
14:54	ZZZZZZ	1								
14:59	ZZZZZZ	1								
15:04	ZZZZZZ	1								
15:08	ZZZZZZ	1								
15:13	MA52801-CCV4	1	X	X	X	X	X	X	X	
15:18	MA52801-CCB5	1	X	X	X	X	X	X	X	
15:23	ZZZZZZ	1								
15:28	ZZZZZZ	1								
15:33	ZZZZZZ	1								
15:38	ZZZZZZ	1								
15:43	ZZZZZZ	1								
15:48	ZZZZZZ	1								
15:53	ZZZZZZ	1								
15:58	ZZZZZZ	1								
16:03	MA52801-CCV5	1	X	X	X	X	X	X	X	
16:08	MA52801-CCB6	1	X	X	X	X	X	X	X	
16:12	MP34333-MB1	1	X	X	X	X	X	X	X	
16:17	MP34333-B1	1	X	X	X	X	X	X	X	
16:22	MP34333-S1	1	X	X	X	X	X	X	X	
16:27	MP34333-S2	1	X	X	X	X	X	X	X	
16:32	JD48966-3	1	X	X	X	X	X	X	X	(a)
16:37	MP34333-SD1	5	X	X	X	X	X	X	X	
16:41	ZZZZZZ	1								
16:46	ZZZZZZ	1								
16:52	ZZZZZZ	1								
16:57	MA52801-CCV6	1	X	X	X	X	X	X	X	
17:02	MA52801-CCB7	1	X	X	X	X	X	X	X	
17:07	ZZZZZZ	1								
17:12	ZZZZZZ	1								
17:17	ZZZZZZ	1								
17:22	ZZZZZZ	1								
17:27	ZZZZZZ	1								
17:31	ZZZZZZ	1								
		Element:	As	Ba	Cd	Cr	Pb	Se	Ag	

REPORTED ELEMENTS SUMMARY

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
Analyst: MET Run ID: MA52801
Parameters: As,Ba,Cd,Cr,Pb,Se,Ag

Time	Sample Description	Element: Dilution	As	Ba	Cd	Cr	Pb	Se	Ag	
17:36	ZZZZZZ	1								
17:41	ZZZZZZ	1								
17:46	ZZZZZZ	1								
17:51	ZZZZZZ	1								
17:56	MA52801-CCV7	1	X	X	X	X	X	X	X	
18:01	MA52801-CCB8	1	X	X	X	X	X	X	X	
18:06	MP34333-MB2	1	X	X	X	X	X	X	X	
18:11	MP34333-B2	1	X	X	X	X	X	X	X	
18:15	ZZZZZZ	1								
18:20	ZZZZZZ	1								
18:26	ZZZZZZ	1								
18:30	ZZZZZZ	1								
18:36	ZZZZZZ	1								
18:40	ZZZZZZ	1								
18:45	ZZZZZZ	5								
18:50	MA52801-CCV8	1	X	X	X	X	X	X	X	
18:55	MA52801-CCB9	1	X	X	X	X	X	X	X	
19:00	ZZZZZZ	1								
19:05	ZZZZZZ	1								
19:10	MP34315-S1	2								
19:14	MP34315-S2	2								
19:19	JD48982-1	2								(a)
19:24	MP34315-SD1	10								
19:29	ZZZZZZ	5								
19:34	ZZZZZZ	1								
19:39	ZZZZZZ	2								
19:44	ZZZZZZ	5								
19:49	MA52801-CCV9	1	X	X	X	X	X	X	X	
19:53	MA52801-CCB10	1	X	X	X	X	X	X	X	
19:58	ZZZZZZ	1								
20:03	ZZZZZZ	1								
20:08	MP34310-S1	5	X				X	X		
20:13	MP34310-S2	5	X				X	X		
		Element:	As	Ba	Cd	Cr	Pb	Se	Ag	

REPORTED ELEMENTS SUMMARY

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
Analyst: MET Run ID: MA52801
Parameters: As,Ba,Cd,Cr,Pb,Se,Ag

Time	Sample Description	Element: Dilution	As	Ba	Cd	Cr	Pb	Se	Ag	
20:18	JD48968-3	5					X	X		(a)
20:22	MP34310-SD1	25	X				X	X		
20:27	ZZZZZZ	5								
20:32	ZZZZZZ	5								
20:37	ZZZZZZ	5								
20:42	MA52801-CCV10	1	X	X	X	X	X	X	X	
20:47	MA52801-CCB11	1	X	X	X	X	X	X	X	
20:52	ZZZZZZ	1								
20:57	ZZZZZZ	10								
21:02	ZZZZZZ	1								
21:07	ZZZZZZ	5								
21:12	ZZZZZZ	5								
21:17	ZZZZZZ	5								
21:22	ZZZZZZ	5								
21:27	ZZZZZZ	1								
21:32	MA52801-CCV11	1	X	X	X	X	X	X	X	
21:37	MA52801-CCB12	1	X	X	X	X	X	X	X	
21:42	MP34320-MB1	1	X	X	X	X	X	X	X	
21:47	MP34320-LB1	1								
21:52	MP34320-B1	1	X	X	X	X	X	X	X	
21:57	MP34320-LS1	1	X	X	X	X	X	X	X	
22:01	MP34320-S1	1	X	X	X	X	X	X	X	
22:06	MP34320-S2	1	X	X	X	X	X	X	X	
22:11	DA47321-1	1	X	X	X	X	X	X	X	(a)
22:16	MP34320-SD1	5	X	X	X	X	X	X	X	
22:21	ZZZZZZ	1								
22:26	ZZZZZZ	1								
22:31	MA52801-CCV12	1	X	X	X	X	X	X	X	
22:36	MA52801-CCB13	1	X	X	X	X	X	X	X	
22:41	ZZZZZZ	1								
22:46	ZZZZZZ	1								
22:51	ZZZZZZ	1								
22:57	ZZZZZZ	1								
		Element:	As	Ba	Cd	Cr	Pb	Se	Ag	

REPORTED ELEMENTS SUMMARY

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
Analyst: MET Run ID: MA52801
Parameters: As,Ba,Cd,Cr,Pb,Se,Ag

Time	Sample Description	Element: Dilution	As	Ba	Cd	Cr	Pb	Se	Ag	
23:02	ZZZZZZ	1								
23:07	ZZZZZZ	1								
23:12	ZZZZZZ	1								
23:17	JD48925-1	1	X	X	X	X	X	X	X	
23:22	MP34321-LB1	1								
23:27	MP34321-MB1	1	X							
23:32	MA52801-CCV13	1	X	X	X	X	X	X	X	
23:37	MA52801-CCB14	1	X	X	X	X	X	X	X	
23:42	MP34321-B1	1	X							
23:47	MP34321-LS1	1	X							
23:52	MP34321-S1	1	X							
23:57	MP34321-S2	1	X							
00:02	JD48569-1R	1	X							(a)
00:07	MP34321-SD1	5	X							
00:12	ZZZZZZ	1								
00:17	MP34337-B1	1	X			X	X			
00:21	MP34337-MB1	1	X			X	X			
00:26	MA52801-CCV14	1	X	X	X	X	X	X	X	
00:31	MA52801-CCB15	1	X	X	X	X	X	X	X	
00:36	MP34337-S1	1	X			X	X			
00:41	MP34337-S2	1	X			X	X			
00:46	JD49058-2	1								(a)
00:51	MP34337-SD1	5	X			X	X			
00:56	ZZZZZZ	1								
01:01	ZZZZZZ	1								
01:06	ZZZZZZ	1								
01:11	MA52801-CCV15	1	X	X	X	X	X	X	X	
01:16	MA52801-CCB16	1	X	X	X	X	X	X	X	
01:21	ZZZZZZ	1								
01:26	ZZZZZZ	1								
01:32	ZZZZZZ	1								
01:37	ZZZZZZ	1								
01:42	ZZZZZZ	1								
		Element:	As	Ba	Cd	Cr	Pb	Se	Ag	

REPORTED ELEMENTS SUMMARY

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
Analyst: MET Run ID: MA52801
Parameters: As,Ba,Cd,Cr,Pb,Se,Ag

Time	Sample Description	Element: Dilution	As	Ba	Cd	Cr	Pb	Se	Ag	
01:47	MP34334-B1	1	X	X	X	X	X	X	X	
01:52	MP34334-MB1	1	X	X	X	X	X	X	X	
01:57	MP34334-S1	1	X	X	X	X	X	X	X	
02:02	MP34334-S2	1	X	X	X	X	X	X	X	
02:07	JD48965-1	1			X	X			X	(a)
02:12	MA52801-CCV16	1	X	X	X	X	X	X	X	
02:16	MA52801-CCB17	1	X	X	X	X	X	X	X	
02:22	MP34334-SD1	5	X	X	X	X	X	X	X	
02:27	ZZZZZZ	1								
02:32	ZZZZZZ	1								
02:37	ZZZZZZ	1								
02:42	ZZZZZZ	1								
02:47	ZZZZZZ	1								
02:52	ZZZZZZ	1								
02:57	ZZZZZZ	1								
03:02	ZZZZZZ	1								
03:07	ZZZZZZ	1								
03:12	MA52801-CCV17	1	X	X	X	X	X	X	X	
03:17	MA52801-CCB18	1	X	X	X	X	X	X	X	
03:23	ZZZZZZ	1								
03:28	ZZZZZZ	1								
03:33	ZZZZZZ	1								
03:38	ZZZZZZ	1								
03:43	ZZZZZZ	1								
03:48	ZZZZZZ	1								
03:53	ZZZZZZ	1								
03:58	ZZZZZZ	1								
04:03	ZZZZZZ	1								
04:08	MA52801-CCV18	1	X	X	X	X	X	X	X	
04:13	MA52801-CCB19	1	X	X	X	X	X	X	X	
04:18	MP34335-MB1	1	X	X	X	X	X	X	X	
04:23	MP34335-B1	1	X	X	X	X	X	X	X	
04:28	ZZZZZZ	1								
		Element:	As	Ba	Cd	Cr	Pb	Se	Ag	

REPORTED ELEMENTS SUMMARY

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
Analyst: MET Run ID: MA52801
Parameters: As,Ba,Cd,Cr,Pb,Se,Ag

Time	Sample Description	Element: Dilution	As	Ba	Cd	Cr	Pb	Se	Ag	
04:33	ZZZZZZ	1								
04:38	ZZZZZZ	1								
04:43	MP34294-MB1	1								
04:49	ZZZZZZ	1								
04:53	MP34294-S1	1								
04:58	MP34294-S2	1								
05:03	JD48828-1	1								(a)
05:08	MA52801-CCV19	1	X	X	X	X	X	X	X	
05:13	MA52801-CCB20	1	X	X	X	X	X	X	X	
05:18	MP34294-SD1	5								
05:23	MP34294-S1	5								
05:28	MP34294-S2	5								
05:33	JD48828-1	5								
05:38	MP34294-SD1	25								
05:43	ZZZZZZ	1								
05:48	ZZZZZZ	1								
05:53	ZZZZZZ	1								
05:58	ZZZZZZ	1								
06:03	MA52801-CCV20	1	X	X	X	X	X	X	X	
06:08	MA52801-CCB21	1	X	X	X	X	X	X	X	
06:13	MP34352-MB1	1	X	X	X	X	X	X	X	
06:18	MP34352-LB1	1								
06:23	MP34352-B1	1	X	X	X	X	X	X	X	
06:28	MP34352-LS1	1	X	X	X	X	X	X	X	
06:33	MP34352-S1	1	X	X	X	X	X	X	X	
06:39	MP34352-S2	1	X	X	X	X	X	X	X	
06:44	DA47321-11	1	X	X	X	X	X	X	X	(a)
06:49	MP34352-SD1	5	X	X	X	X	X	X	X	
06:54	ZZZZZZ	1								
06:59	MA52801-CCV21	1	X	X	X	X	X	X	X	
07:04	MA52801-CCB22	1	X	X	X	X	X	X	X	
07:09	ZZZZZZ	1								
07:14	ZZZZZZ	1								
		Element:	As	Ba	Cd	Cr	Pb	Se	Ag	

REPORTED ELEMENTS SUMMARY

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
Analyst: MET Run ID: MA52801
Parameters: As,Ba,Cd,Cr,Pb,Se,Ag

Time	Sample Description	Dilution	Element: As	Ba	Cd	Cr	Pb	Se	Ag
07:19	ZZZZZZ	1							
07:24	ZZZZZZ	1							
07:29	ZZZZZZ	1							
07:34	ZZZZZZ	1							
07:39	ZZZZZZ	1							
07:44	ZZZZZZ	1							
07:49	ZZZZZZ	10							
07:54	ZZZZZZ	1							
07:59	MA52801-CCV22	1	X	X	X	X	X	X	X
08:04	MA52801-CCB23	1	X	X	X	X	X	X	X

(a) Sample used for QC only; not part of login JD48925.

Element: As Ba Cd Cr Pb Se Ag

INTERNAL STANDARD SUMMARY

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
Analyst: MET Run ID: MA52801
Parameters: As,Ba,Cd,Cr,Pb,Se,Ag

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
11:49	MA52801-STD1	6194 R	221860 R	10673 R	12740 R
11:54	MA52801-STD2	5832	208150	10574	11725
11:59	MA52801-ICV1	6006	212760	10599	12043
12:07	MA52801-ICB1	6166	220030	10606	12751
12:15	MA52801-ICCV1	5947	211860	10549	11964
12:26	MA52801-CCB1	6144	216960	10591	12707
12:30	MA52801-CRI1	6079	214860	10528	12516
12:35	MA52801-CRID1	6121	216700	10569	12690
12:40	MA52801-ICSA1	5539	195920	10282	11096
12:45	MA52801-ICSAB1	5535	196370	10255	11161
12:50	MA52801-HSTD1	5920	215040	10557	12532
12:56	MA52801-HSTD2	5533	197040	10157	11035
13:01	ZZZZZZ	5991	216460	10405	12689
13:06	ZZZZZZ	5937	218370	10322	12615
13:11	ZZZZZZ	6062	219100	10462	12648
13:16	MA52801-CCV1	5869	210060	10348	11928
13:21	MA52801-CCB2	6049	218640	10371	12647
13:26	MA52801-CRID2	6026	217780	10371	12591
13:31	ZZZZZZ	5991	216380	10308	12440
13:36	MP34316-MB1	6100	219080	10554	12675
13:41	MP34316-B1	5924	212420	10372	12103
13:45	MP34316-S1	5955	210670	10466	12024
13:50	MP34316-S2	5951	211980	10561	12027
13:55	JD48941-9	6099	215540	10566	12426
14:00	MP34316-SD1	6075	216500	10390	12546
14:05	MP34316-PS1	5976	210460	10527	12075
14:10	MA52801-CCV2	5873	209910	10291	11911
14:15	MA52801-CCB3	6062	216520	10333	12653
14:20	ZZZZZZ	6121	218560	10566	12475
14:24	MA52801-CCV3	5861	210380	10322	11909
14:29	MA52801-CCB4	6069	218850	10446	12693
14:34	ZZZZZZ	6129	219180	10597	12587
14:39	ZZZZZZ	6149	217510	10682	12525

INTERNAL STANDARD SUMMARY

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
Analyst: MET Run ID: MA52801
Parameters: As,Ba,Cd,Cr,Pb,Se,Ag

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
14:44	ZZZZZZ	6109	215550	10500	12489
14:49	ZZZZZZ	6183	215810	10717	12460
14:54	ZZZZZZ	6152	217230	10618	12610
14:59	ZZZZZZ	6128	214900	10695	12369
15:04	ZZZZZZ	6154	215890	10653	12516
15:08	ZZZZZZ	6165	216960	10679	12557
15:13	MA52801-CCV4	5882	209640	10146	11885
15:18	MA52801-CCB5	6095	217660	10309	12655
15:23	ZZZZZZ	6988	247740	12314	12010
15:28	ZZZZZZ	7558	269290	13536	11864
15:33	ZZZZZZ	7503	267980	13335	12031
15:38	ZZZZZZ	7668	274000	13809	12096
15:43	ZZZZZZ	7363	262290	13157	12071
15:48	ZZZZZZ	7407	260700	13179	12028
15:53	ZZZZZZ	7654	273590	13490	12013
15:58	ZZZZZZ	6088	218920	10451	12645
16:03	MA52801-CCV5	5835	209090	10267	11850
16:08	MA52801-CCB6	6078	218760	10406	12682
16:12	MP34333-MB1	6084	220470	10484	12663
16:17	MP34333-B1	5917	212790	10362	12076
16:22	MP34333-S1	5773	205680	10298	11617
16:27	MP34333-S2	5748	206970	10176	11597
16:32	JD48966-3	5827	210110	10287	11849
16:37	MP34333-SD1	6009	215730	10331	12448
16:41	ZZZZZZ	5812	209270	10310	11697
16:46	ZZZZZZ	5548	200580	10059	11022
16:52	ZZZZZZ	5234	189830	9713	11926
16:57	MA52801-CCV6	5858	208780	10219	11878
17:02	MA52801-CCB7	6056	217570	10354	12625
17:07	ZZZZZZ	6081	218900	10330	12636
17:12	ZZZZZZ	6071	219830	10365	12628
17:17	ZZZZZZ	5681	203350	10350	11110
17:22	ZZZZZZ	5810	210190	10183	11847

INTERNAL STANDARD SUMMARY

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
Analyst: MET Run ID: MA52801
Parameters: As,Ba,Cd,Cr,Pb,Se,Ag

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
17:27	ZZZZZZ	5745	206520	10078	11430
17:31	ZZZZZZ	6030	217640	10208	12593
17:36	ZZZZZZ	5957	214630	10200	12248
17:41	ZZZZZZ	6022	215050	10285	12421
17:46	ZZZZZZ	5984	215230	10230	12262
17:51	ZZZZZZ	6026	216420	10198	12379
17:56	MA52801-CCV7	5895	208850	10090	11907
18:01	MA52801-CCB8	6067	215390	10202	12639
18:06	MP34333-MB2	6066	219560	10224	12612
18:11	MP34333-B2	5911	211260	10232	12019
18:15	ZZZZZZ	6101	219040	10286	12698
18:20	ZZZZZZ	5568	200920	10023	11091
18:26	ZZZZZZ	5900	212610	10080	12001
18:30	ZZZZZZ	5542	198150	9968	11030
18:36	ZZZZZZ	5837	210470	10062	11907
18:40	ZZZZZZ	6042	217740	10181	12645
18:45	ZZZZZZ	6032	215220	10180	12206
18:50	MA52801-CCV8	5798	207440	9962	11837
18:55	MA52801-CCB9	6021	216170	10033	12617
19:00	ZZZZZZ	6078	219330	10302	12677
19:05	ZZZZZZ	5913	213730	10240	12111
19:10	MP34315-S1	5884	209640	10190	11746
19:14	MP34315-S2	5962	209670	10183	11899
19:19	JD48982-1	5935	211350	10287	11818
19:24	MP34315-SD1	5996	214500	10123	12285
19:29	ZZZZZZ	5904	211820	10089	12132
19:34	ZZZZZZ	6031	215550	10638	11956
19:39	ZZZZZZ	6127	218810	10510	12381
19:44	ZZZZZZ	6050	216310	10187	12477
19:49	MA52801-CCV9	5823	207510	9962	11841
19:53	MA52801-CCB10	6005	215100	9979	12554
19:58	ZZZZZZ	6026	215720	10079	12555
20:03	ZZZZZZ	5857	211130	10096	12004

INTERNAL STANDARD SUMMARY

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
Analyst: MET Run ID: MA52801
Parameters: As,Ba,Cd,Cr,Pb,Se,Ag

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
20:08	MP34310-S1	5903	211860	10138	11837
20:13	MP34310-S2	5901	211800	10222	11829
20:18	JD48968-3	5886	210660	10080	11792
20:22	MP34310-SD1	5987	214370	9931	12313
20:27	ZZZZZZ	5965	214160	10183	12368
20:32	ZZZZZZ	6155	219080	10415	12267
20:37	ZZZZZZ	6030	216260	10335	12412
20:42	MA52801-CCV10	5835	208810	9853	11849
20:47	MA52801-CCB11	6061	218240	10164	12631
20:52	ZZZZZZ	6098	217400	10375	12668
20:57	ZZZZZZ	6282	224820	10706	12373
21:02	ZZZZZZ	6036	216080	10019	12589
21:07	ZZZZZZ	5193	184510	9561	10194
21:12	ZZZZZZ	5216	183250	9582	10212
21:17	ZZZZZZ	5208	183480	9548	10205
21:22	ZZZZZZ	5177	182170	9549	10117
21:27	ZZZZZZ	5324	191890	9737	10523
21:32	MA52801-CCV11	5803	206450	9852	11786
21:37	MA52801-CCB12	5920	216800	9938	12382
21:42	MP34320-MB1	5984	213680	9921	12389
21:47	MP34320-LB1	5514	192530	9676	10733
21:52	MP34320-B1	5850	211360	10076	11946
21:57	MP34320-LS1	5554	192980	9782	10766
22:01	MP34320-S1	5503	195130	9829	10612
22:06	MP34320-S2	5568	193820	9691	10693
22:11	DA47321-1	5476	191520	9686	10619
22:16	MP34320-SD1	5820	207620	9944	11528
22:21	ZZZZZZ	5423	192800	9812	10524
22:26	ZZZZZZ	5327	190220	9545	10349
22:31	MA52801-CCV12	5830	206720	9686	11793
22:36	MA52801-CCB13	6044	215520	9835	12552
22:41	ZZZZZZ	5291	188310	9487	10306
22:46	ZZZZZZ	5304	189730	9496	10275

INTERNAL STANDARD SUMMARY

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
Analyst: MET Run ID: MA52801
Parameters: As,Ba,Cd,Cr,Pb,Se,Ag

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
22:51	ZZZZZZ	5318	190420	9534	10308
22:57	ZZZZZZ	5582	196120	9721	10918
23:02	ZZZZZZ	5275	189610	9448	10239
23:07	ZZZZZZ	5310	190110	9446	10291
23:12	ZZZZZZ	5296	189540	9521	10265
23:17	JD48925-1	5595	197520	9777	10839
23:22	MP34321-LB1	6113	219250	10134	12578
23:27	MP34321-MB1	6132	215490	9862	12523
23:32	MA52801-CCV13	5980	207000	9994	11929
23:37	MA52801-CCB14	6150	220460	10058	12573
23:42	MP34321-B1	5993	213470	9968	11989
23:47	MP34321-LS1	5942	213430	10027	11895
23:52	MP34321-S1	5932	210530	9912	11736
23:57	MP34321-S2	5937	204050	9975	11749
00:02	JD48569-1R	6028	209390	9983	12012
00:07	MP34321-SD1	6095	214150	10022	12334
00:12	ZZZZZZ	6090	214450	9956	12294
00:17	MP34337-B1	6039	211030	9953	12089
00:21	MP34337-MB1	6286	218220	10060	12790
00:26	MA52801-CCV14	5864	209500	9828	11653
00:31	MA52801-CCB15	6119	216080	9959	12399
00:36	MP34337-S1	6007	211060	9991	11954
00:41	MP34337-S2	5975	211080	9947	11893
00:46	JD49058-2	6104	214970	10040	12269
00:51	MP34337-SD1	6047	216570	9994	12233
00:56	ZZZZZZ	6046	211340	9987	12096
01:01	ZZZZZZ	5836	209850	9998	11504
01:06	ZZZZZZ	6119	214980	10048	12449
01:11	MA52801-CCV15	5926	211120	9933	11714
01:16	MA52801-CCB16	6148	218690	10061	12401
01:21	ZZZZZZ	6166	216560	10030	12391
01:26	ZZZZZZ	6134	220160	10041	12328
01:32	ZZZZZZ	6181	218390	10098	12466

INTERNAL STANDARD SUMMARY

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
Analyst: MET Run ID: MA52801
Parameters: As,Ba,Cd,Cr,Pb,Se,Ag

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
01:37	ZZZZZZ	6180	218640	10108	12429
01:42	ZZZZZZ	5831	208120	9812	11391
01:47	MP34334-B1	6013	211550	10014	11865
01:52	MP34334-MB1	6178	218720	10144	12410
01:57	MP34334-S1	5801	207640	9888	11314
02:02	MP34334-S2	5789	209220	9946	11310
02:07	JD48965-1	5899	210430	9948	11515
02:12	MA52801-CCV16	5946	211850	9927	11743
02:16	MA52801-CCB17	6140	218370	9984	12388
02:22	MP34334-SD1	6086	214440	9967	12133
02:27	ZZZZZZ	5870	209160	10262	11145
02:32	ZZZZZZ	6075	212740	10583	11079
02:37	ZZZZZZ	5947	210070	9964	11750
02:42	ZZZZZZ	6161	229760	10152	12306
02:47	ZZZZZZ	5998	212030	10024	12037
02:52	ZZZZZZ	6024	214070	10043	11918
02:57	ZZZZZZ	No results reported for the elements associated with this internal standard.			
03:02	ZZZZZZ	5827	206970	9949	11587
03:07	ZZZZZZ	No results reported for the elements associated with this internal standard.			
03:12	MA52801-CCV17	5948	209200	9885	11723
03:17	MA52801-CCB18	6188	217810	9933	12455
03:23	ZZZZZZ	6004	212220	9936	11855
03:28	ZZZZZZ	5956	209630	9950	11852
03:33	ZZZZZZ	No results reported for the elements associated with this internal standard.			
03:38	ZZZZZZ	No results reported for the elements associated with this internal standard.			
03:43	ZZZZZZ	6008	213330	9990	11607
03:48	ZZZZZZ	No results reported for the elements associated with this internal standard.			
03:53	ZZZZZZ	6022	215290	9864	11985
03:58	ZZZZZZ	6012	212740	9846	11928
04:03	ZZZZZZ	5967	212480	9910	11904
04:08	MA52801-CCV18	5976	208730	9758	11807
04:13	MA52801-CCB19	6145	217510	9903	12400
04:18	MP34335-MB1	6114	218210	9909	12329

INTERNAL STANDARD SUMMARY

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
Analyst: MET Run ID: MA52801
Parameters: As,Ba,Cd,Cr,Pb,Se,Ag

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
04:23	MP34335-B1	5964	213030	9715	11868
04:28	ZZZZZZ	6145	217360	9936	12392
04:33	ZZZZZZ	6149	219200	9881	12393
04:38	ZZZZZZ	6127	218420	9912	12378
04:43	MP34294-MB1	6136	218400	9859	12384
04:49	ZZZZZZ	5973	213610	9859	11875
04:53	MP34294-S1	5820	208170	9780	11340
04:58	MP34294-S2	5808	208350	9706	11324
05:03	JD48828-1	5862	209550	9803	11456
05:08	MA52801-CCV19	5940	214090	9691	11748
05:13	MA52801-CCB20	6130	216090	9774	12362
05:18	MP34294-SD1	6067	214690	9836	12051
05:23	MP34294-S1	6083	214490	9784	12033
05:28	MP34294-S2	6032	213410	9897	11941
05:33	JD48828-1	No results reported for the elements associated with this internal standard.			
05:38	MP34294-SD1	No results reported for the elements associated with this internal standard.			
05:43	ZZZZZZ	5890	208550	9786	11453
05:48	ZZZZZZ	6148	218930	9927	12332
05:53	ZZZZZZ	5916	210410	9745	11511
05:58	ZZZZZZ	5907	207680	9678	11520
06:03	MA52801-CCV20	6003	212860	9732	11794
06:08	MA52801-CCB21	6179	219520	9809	12392
06:13	MP34352-MB1	6191	220420	9991	12365
06:18	MP34352-LB1	6251	221830	10073	12482
06:23	MP34352-B1	6032	215420	9925	11887
06:28	MP34352-LS1	6087	216100	9990	12001
06:33	MP34352-S1	5418	196830	9483	10399
06:39	MP34352-S2	5423	196430	9498	10407
06:44	DA47321-11	5450	197660	9520	10437
06:49	MP34352-SD1	5887	209570	9749	11443
06:54	ZZZZZZ	5345	194040	9415	10262
06:59	MA52801-CCV21	5963	209320	9766	11691
07:04	MA52801-CCB22	6174	216500	9717	12345

INTERNAL STANDARD SUMMARY

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
Analyst: MET Run ID: MA52801
Parameters: As,Ba,Cd,Cr,Pb,Se,Ag

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
07:09	ZZZZZZ	5313	193220	9275	10266
07:14	ZZZZZZ	5297	192090	9067	10221
07:19	ZZZZZZ	5286	192500	9083	10225
07:24	ZZZZZZ	5231	191070	9037	10144
07:29	ZZZZZZ	5195	191440	8990	10161
07:34	ZZZZZZ	5215	191940	8931	10303
07:39	ZZZZZZ	5188	192380	8938	10238
07:44	ZZZZZZ	5054	187770	8726	9994
07:49	ZZZZZZ	5765	210580	9247	11893
07:54	ZZZZZZ	5884	213490	9120	12279
07:59	MA52801-CCV22	5692	206210	8946	11624
08:04	MA52801-CCB23	5896	214250	9027	12330

R = Reference for ISTD limits. ! = Outside limits.

LEGEND:

Istd#	Parameter	Limits
Istd#1	Yttrium (2243)	70-130 %
Istd#2	Yttrium (3600)	70-130 %
Istd#3	Yttrium (3710)	70-130 %
Istd#4	Indium	70-130 %

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
QC Limits: result < RL Run ID: MA52801 Units: ug/l

Time:			12:07		12:26		13:21		14:15	
Sample ID:			ICB1		CCB1		CCB2		CCB3	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	27	anr							
Antimony	6.0	2.2	anr							
Arsenic	3.0	1.3	-0.100	<3.0	0.800	<3.0	0.100	<3.0	0.400	<3.0
Barium	200	1	-0.100	<200	-0.100	<200	0.200	<200	0.300	<200
Beryllium	1.0	.2	anr							
Bismuth	20	2.1								
Boron	100	1	anr							
Cadmium	3.0	.2	0.200	<3.0	0.00	<3.0	0.200	<3.0	0.200	<3.0
Calcium	5000	7.7	anr							
Cerium	100									
Chromium	10	.5	-0.300	<10	-0.300	<10	0.100	<10	-0.100	<10
Cobalt	50	.4	anr							
Copper	10	6.8	anr							
Iron	100	15	anr							
Lead	3.0	1.6	-0.900	<3.0	-0.800	<3.0	-0.900	<3.0	-1.20	<3.0
Lithium	50	3.7	anr							
Magnesium	5000	54	anr							
Manganese	15	.1	anr							
Molybdenum	20	.5								
Nickel	10	.3	anr							
Phosphorus	50	1.8								
Potassium	10000	77	anr							
Selenium	10	2	-0.100	<10	-0.600	<10	2.50	<10	1.40	<10
Silicon	200	1.3	anr							
Silver	10	.9	-0.200	<10	-0.500	<10	-1.00	<10	-0.600	<10
Sodium	10000	23	anr							
Strontium	10	.4								
Sulfur	50	4.1								
Thallium	10	1.6	anr							
Tin	10	.9								
Titanium	10	.9								
Tungsten	50	2								
Vanadium	50	.8	anr							

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
QC Limits: result < RL Run ID: MA52801 Units: ug/l

Time: / Sample ID:			12:07 ICB1		12:26 CCB1		13:21 CCB2		14:15 CCB3	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Zinc	20	.2	anr							
Zirconium	10	.5								

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
QC Limits: result < RL Run ID: MA52801 Units: ug/l

Time:			14:29		15:18		16:08		17:02	
Sample ID:			CCB4		CCB5		CCB6		CCB7	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	27	anr							
Antimony	6.0	2.2	anr							
Arsenic	3.0	1.3	0.700	<3.0	0.00	<3.0	0.900	<3.0	-0.100	<3.0
Barium	200	1	0.200	<200	0.500	<200	-0.100	<200	0.200	<200
Beryllium	1.0	.2	anr							
Bismuth	20	2.1								
Boron	100	1	anr							
Cadmium	3.0	.2	0.200	<3.0	0.00	<3.0	0.200	<3.0	0.100	<3.0
Calcium	5000	7.7	anr							
Cerium	100									
Chromium	10	.5	0.00	<10	-0.100	<10	-0.100	<10	-0.100	<10
Cobalt	50	.4	anr							
Copper	10	6.8	anr							
Iron	100	15	anr							
Lead	3.0	1.6	-0.600	<3.0	0.400	<3.0	-0.100	<3.0	-0.700	<3.0
Lithium	50	3.7	anr							
Magnesium	5000	54	anr							
Manganese	15	.1	anr							
Molybdenum	20	.5								
Nickel	10	.3	anr							
Phosphorus	50	1.8								
Potassium	10000	77	anr							
Selenium	10	2	1.20	<10	0.00	<10	-0.500	<10	1.20	<10
Silicon	200	1.3	anr							
Silver	10	.9	-1.20	<10	-0.700	<10	-1.40	<10	-1.30	<10
Sodium	10000	23	anr							
Strontium	10	.4								
Sulfur	50	4.1								
Thallium	10	1.6	anr							
Tin	10	.9								
Titanium	10	.9								
Tungsten	50	2								
Vanadium	50	.8	anr							

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
QC Limits: result < RL Run ID: MA52801 Units: ug/l

Time:			14:29		15:18		16:08		17:02	
Sample ID:			CCB4		CCB5		CCB6		CCB7	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Zinc	20	.2	anr							
Zirconium	10	.5								

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
QC Limits: result < RL Run ID: MA52801 Units: ug/l

Time: / Sample ID:			18:01 CCB8		18:55 CCB9		19:53 CCB10		20:47 CCB11	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	27	anr							
Antimony	6.0	2.2	anr							
Arsenic	3.0	1.3	0.100	<3.0	0.200	<3.0	0.100	<3.0	0.500	<3.0
Barium	200	1	0.100	<200	0.100	<200	0.400	<200	0.300	<200
Beryllium	1.0	.2	anr							
Bismuth	20	2.1								
Boron	100	1	anr							
Cadmium	3.0	.2	0.00	<3.0	-0.100	<3.0	0.200	<3.0	0.00	<3.0
Calcium	5000	7.7	anr							
Cerium	100									
Chromium	10	.5	-0.100	<10	-0.100	<10	-0.200	<10	-0.100	<10
Cobalt	50	.4	anr							
Copper	10	6.8	anr							
Iron	100	15	anr							
Lead	3.0	1.6	-1.30	<3.0	-1.20	<3.0	-0.600	<3.0	-0.900	<3.0
Lithium	50	3.7	anr							
Magnesium	5000	54	anr							
Manganese	15	.1	anr							
Molybdenum	20	.5								
Nickel	10	.3	anr							
Phosphorus	50	1.8								
Potassium	10000	77	anr							
Selenium	10	2	0.800	<10	0.500	<10	0.700	<10	0.800	<10
Silicon	200	1.3	anr							
Silver	10	.9	-1.20	<10	-1.80	<10	-1.00	<10	-1.20	<10
Sodium	10000	23	anr							
Strontium	10	.4								
Sulfur	50	4.1								
Thallium	10	1.6	anr							
Tin	10	.9								
Titanium	10	.9								
Tungsten	50	2								
Vanadium	50	.8	anr							

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
QC Limits: result < RL Run ID: MA52801 Units: ug/l

Time: / Sample ID:			18:01 CCB8		18:55 CCB9		19:53 CCB10		20:47 CCB11	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Zinc	20	.2	anr							
Zirconium	10	.5								

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
QC Limits: result < RL Run ID: MA52801 Units: ug/l

Time:			21:37		22:36		23:37	
Sample ID:			CCB12		CCB13		CCB14	
Metal	RL	IDL	raw	final	raw	final	raw	final
Aluminum	200	27	anr					
Antimony	6.0	2.2	anr					
Arsenic	3.0	1.3	0.100	<3.0	0.100	<3.0	1.00	<100
Barium	200	1	0.300	<200	0.400	<200	-0.300	<200
Beryllium	1.0	.2	anr					
Bismuth	20	2.1						
Boron	100	1	anr					
Cadmium	3.0	.2	0.400	<3.0	0.00	<3.0	0.400	<4.0
Calcium	5000	7.7	anr					
Cerium	100							
Chromium	10	.5	-0.100	<10	-0.300	<10	0.100	<10
Cobalt	50	.4	anr					
Copper	10	6.8	anr					
Iron	100	15	anr					
Lead	3.0	1.6	-1.20	<3.0	-0.400	<3.0	-0.700	<100
Lithium	50	3.7	anr					
Magnesium	5000	54	anr					
Manganese	15	.1	anr					
Molybdenum	20	.5						
Nickel	10	.3	anr					
Phosphorus	50	1.8						
Potassium	10000	77	anr					
Selenium	10	2	1.50	<10	0.700	<10	1.60	<100
Silicon	200	1.3	anr					
Silver	10	.9	-1.50	<10	-1.00	<10	-0.800	<10
Sodium	10000	23	anr					
Strontium	10	.4						
Sulfur	50	4.1						
Thallium	10	1.6	anr					
Tin	10	.9						
Titanium	10	.9						
Tungsten	50	2						
Vanadium	50	.8	anr					

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
QC Limits: result < RL Run ID: MA52801 Units: ug/l

Time:			21:37		22:36		23:37	
Sample ID:			CCB12		CCB13		CCB14	
Metal	RL	IDL	raw	final	raw	final	raw	final
Zinc	20	.2	anr					
Zirconium	10	.5						

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial Continuing Calibration Check

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
QC Limits: to % Recovery Run ID: MA52801 Units: ug/l

Time:		12:15	
Sample ID:	ICCV	ICCV1	
Metal	True	Results	% Rec
Aluminum	anr		
Antimony	anr		
Arsenic	2000	1990	99.5
Barium	2000	1940	97.0
Beryllium	anr		
Bismuth			
Boron	anr		
Cadmium	2000	1910	95.5
Calcium	anr		
Cerium			
Chromium	2000	1940	97.0
Cobalt	anr		
Copper	anr		
Iron	anr		
Lead	2000	1930	96.5
Lithium	anr		
Magnesium	anr		
Manganese	anr		
Molybdenum			
Nickel	anr		
Phosphorus			
Potassium	anr		
Selenium	2000	1920	96.0
Silicon	anr		
Silver	250	246	98.4
Sodium	anr		
Strontium			
Sulfur			
Thallium	anr		
Tin			
Titanium			
Tungsten			
Vanadium	anr		

CALIBRATION CHECK STANDARDS SUMMARY
Initial Continuing Calibration Check

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
QC Limits: to % Recovery Run ID: MA52801 Units: ug/l

Time:		12:15	
Sample ID:	ICCV	ICCV1	
Metal	True	Results	% Rec
Zinc	anr		
Zirconium			

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA52801 Units: ug/l

Time:		11:59			13:16			14:10	
Sample ID:	ICV	ICV1		CCV	CCV1		CCV	CCV2	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	2000	1980	99.0	2000	2000	100.0	2000	2010	100.5
Barium	2000	1940	97.0	2000	1950	97.5	2000	1980	99.0
Beryllium	anr								
Bismuth									
Boron	anr								
Cadmium	2000	1900	95.0	2000	1910	95.5	2000	1920	96.0
Calcium	anr								
Cerium									
Chromium	2000	1940	97.0	2000	1940	97.0	2000	1950	97.5
Cobalt	anr								
Copper	anr								
Iron	anr								
Lead	2000	1930	96.5	2000	1920	96.0	2000	1930	96.5
Lithium	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel	anr								
Phosphorus									
Potassium	anr								
Selenium	2000	1910	95.5	2000	1930	96.5	2000	1940	97.0
Silicon	anr								
Silver	250	247	98.8	250	247	98.8	250	248	99.2
Sodium	anr								
Strontium									
Sulfur									
Thallium	anr								
Tin									
Titanium									
Tungsten									
Vanadium	anr								

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA52801 Units: ug/l

Time:		11:59			13:16			14:10	
Sample ID:	ICV	ICV1		CCV	CCV1		CCV	CCV2	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Zinc	anr								
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA52801 Units: ug/l

Time:		14:24			15:13			16:03	
Sample ID:	CCV	CCV3		CCV	CCV4		CCV	CCV5	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	2000	2020	101.0	2000	2010	100.5	2000	2020	101.0
Barium	2000	1990	99.5	2000	1990	99.5	2000	1990	99.5
Beryllium	anr								
Bismuth									
Boron	anr								
Cadmium	2000	1930	96.5	2000	1930	96.5	2000	1930	96.5
Calcium	anr								
Cerium									
Chromium	2000	1970	98.5	2000	1960	98.0	2000	1960	98.0
Cobalt	anr								
Copper	anr								
Iron	anr								
Lead	2000	1940	97.0	2000	1940	97.0	2000	1940	97.0
Lithium	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel	anr								
Phosphorus									
Potassium	anr								
Selenium	2000	1960	98.0	2000	1950	97.5	2000	1950	97.5
Silicon	anr								
Silver	250	250	100.0	250	250	100.0	250	250	100.0
Sodium	anr								
Strontium									
Sulfur									
Thallium	anr								
Tin									
Titanium									
Tungsten									
Vanadium	anr								

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA52801 Units: ug/l

Time:		14:24			15:13			16:03	
Sample ID:	CCV	CCV3		CCV	CCV4		CCV	CCV5	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Zinc	anr								
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA52801 Units: ug/l

Time:		16:57			17:56			18:50	
Sample ID:	CCV	CCV6		CCV	CCV7		CCV	CCV8	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	2000	2020	101.0	2000	2020	101.0	2000	2030	101.5
Barium	2000	2000	100.0	2000	2010	100.5	2000	2030	101.5
Beryllium	anr								
Bismuth									
Boron	anr								
Cadmium	2000	1930	96.5	2000	1930	96.5	2000	1930	96.5
Calcium	anr								
Cerium									
Chromium	2000	1970	98.5	2000	1970	98.5	2000	1970	98.5
Cobalt	anr								
Copper	anr								
Iron	anr								
Lead	2000	1950	97.5	2000	1940	97.0	2000	1930	96.5
Lithium	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel	anr								
Phosphorus									
Potassium	anr								
Selenium	2000	1960	98.0	2000	1950	97.5	2000	1960	98.0
Silicon	anr								
Silver	250	250	100.0	250	249	99.6	250	250	100.0
Sodium	anr								
Strontium									
Sulfur									
Thallium	anr								
Tin									
Titanium									
Tungsten									
Vanadium	anr								

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA52801 Units: ug/l

Time:		16:57			17:56			18:50	
Sample ID:	CCV	CCV6		CCV	CCV7		CCV	CCV8	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Zinc	anr								
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA52801 Units: ug/l

Time:		19:49			20:42			21:32	
Sample ID:	CCV	CCV9		CCV	CCV10		CCV	CCV11	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	2000	2030	101.5	2000	2030	101.5	2000	2050	102.5
Barium	2000	2020	101.0	2000	2020	101.0	2000	2030	101.5
Beryllium	anr								
Bismuth									
Boron	anr								
Cadmium	2000	1930	96.5	2000	1930	96.5	2000	1940	97.0
Calcium	anr								
Cerium									
Chromium	2000	1970	98.5	2000	1970	98.5	2000	1980	99.0
Cobalt	anr								
Copper	anr								
Iron	anr								
Lead	2000	1940	97.0	2000	1940	97.0	2000	1960	98.0
Lithium	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel	anr								
Phosphorus									
Potassium	anr								
Selenium	2000	1960	98.0	2000	1960	98.0	2000	1980	99.0
Silicon	anr								
Silver	250	250	100.0	250	250	100.0	250	251	100.4
Sodium	anr								
Strontium									
Sulfur									
Thallium	anr								
Tin									
Titanium									
Tungsten									
Vanadium	anr								

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA52801 Units: ug/l

Time:		19:49			20:42			21:32	
Sample ID:	CCV	CCV9		CCV	CCV10		CCV	CCV11	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Zinc	anr								
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA52801 Units: ug/l

Time:		22:31			23:32	
Sample ID:	CCV	CCV12		CCV	CCV13	
Metal	True	Results	% Rec	True	Results	% Rec
Aluminum	anr					
Antimony	anr					
Arsenic	2000	2040	102.0	2000	2080	104.0
Barium	2000	2040	102.0	2000	2060	103.0
Beryllium	anr					
Bismuth						
Boron	anr					
Cadmium	2000	1950	97.5	2000	1980	99.0
Calcium	anr					
Cerium						
Chromium	2000	1980	99.0	2000	2070	103.5
Cobalt	anr					
Copper	anr					
Iron	anr					
Lead	2000	1960	98.0	2000	2020	101.0
Lithium	anr					
Magnesium	anr					
Manganese	anr					
Molybdenum						
Nickel	anr					
Phosphorus						
Potassium	anr					
Selenium	2000	1970	98.5	2000	2020	101.0
Silicon	anr					
Silver	250	252	100.8	250	261	104.4
Sodium	anr					
Strontium						
Sulfur						
Thallium	anr					
Tin						
Titanium						
Tungsten						
Vanadium	anr					

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA52801 Units: ug/l

Time:		22:31			23:32	
Sample ID:	CCV	CCV12		CCV	CCV13	
Metal	True	Results	% Rec	True	Results	% Rec
Zinc	anr					
Zirconium						

(*) Outside of QC limits
(anr) Analyte not requested

HIGH STANDARD CHECK SUMMARY

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
QC Limits: 90 to 110 % Recovery Run ID: MA52801 Units: ug/l

Time:		12:50			12:56	
Sample ID:	HSTD	HSTD1		HSTD	HSTD2	
Metal	True	Results	% Rec	True	Results	% Rec
Aluminum						
Antimony	anr					
Arsenic	8000	8060	100.8			
Barium	8000	8030	100.4			
Beryllium	anr					
Bismuth						
Boron	anr					
Cadmium	8000	7890	98.6			
Calcium						
Cerium						
Chromium	8000	8140	101.8			
Cobalt	anr					
Copper	anr					
Iron						
Lead	8000	8000	100.0			
Lithium	anr					
Magnesium						
Manganese	anr					
Molybdenum						
Nickel	anr					
Phosphorus						
Potassium						
Selenium	8000	7940	99.3			
Silicon	anr					
Silver	625	639	102.2			
Sodium						
Strontium						
Sulfur						
Thallium	anr					
Tin						
Titanium						
Tungsten						
Vanadium	anr					

HIGH STANDARD CHECK SUMMARY

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
QC Limits: 90 to 110 % Recovery Run ID: MA52801 Units: ug/l

Time:		12:50			12:56	
Sample ID:	HSTD	HSTD1		HSTD	HSTD2	
Metal	True	Results	% Rec	True	Results	% Rec
Zinc	anr					
Zirconium						

(*) Outside of QC limits
(anr) Analyte not requested

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
QC Limits: CRI 80-120% CRIA 80-120% Run ID: MA52801 Units: ug/l

Time:				12:30		12:35		13:26	
Sample ID:	CRI	CRIA	CRID	CRI1		CRID1		CRID2	
Metal	True	True	True	Results	% Rec	Results	% Rec	Results	% Rec
Aluminum	200	500	100	anr					
Antimony	6.0	20	3.0	anr					
Arsenic	8.0	20	3.0	8.50	106.3			2.70	90.0
Barium	200		4.0	193	96.5	3.70	92.5	4.10	102.5
Beryllium	2.0		1.0	anr					
Bismuth	20								
Boron	100		10	anr					
Cadmium	3.0		1.0	3.50	116.7	1.10	110.0	1.00	100.0
Calcium	5000	2000	1000	anr					
Cerium									
Chromium	10		2.0	9.60	96.0	1.80	90.0	1.70	85.0
Cobalt	50		3.0	anr					
Copper	10		2.0	anr					
Iron	100	500		anr					
Lead	3.0	20	2.5	2.60	86.7				
Lithium	50			anr					
Magnesium	5000	2000	100	anr					
Manganese	15		3.0	anr					
Molybdenum	20								
Nickel	10		4.0	anr					
Phosphorus	50								
Potassium	5000		2000	anr					
Selenium	10	20	5.0	10.8	108.0	5.30	106.0	5.80	116.0
Silicon	200			anr					
Silver	5.0		2.0	4.40	88.0				
Sodium	5000		1000	anr					
Strontium	10								
Sulfur	50								
Thallium	10		2.0	anr					
Tin	10								
Titanium	10								
Tungsten	50								
Vanadium	50		2.0	anr					

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
QC Limits: CRI 80-120% CRIA 80-120% Run ID: MA52801 Units: ug/l

Time:				12:30		12:35		13:26	
Sample ID:	CRI	CRIA	CRID	CRI1		CRID1		CRID2	
Metal	True	True	True	Results	% Rec	Results	% Rec	Results	% Rec
Zinc	20		10	anr					
Zirconium	10								

(*) Outside of QC limits
(anr) Analyte not requested

INTERFERING ELEMENT CHECK STANDARDS SUMMARY
Part 1 - ICSA and ICSAB Standards

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
QC Limits: 80 to 120 % Recovery Run ID: MA52801 Units: ug/l

Time:			12:40		12:45	
Sample ID:	ICSA	ICSAB	ICSA1		ICSAB1	
Metal	True	True	Results	% Rec	Results	% Rec
Aluminum	500000	500000	482000	96.4	456000	91.2
Antimony		1000	1.20		933	93.3
Arsenic		1000	1.10		979	97.9
Barium		500	-47.8		440	88.0
Beryllium		500	0.200		466	93.2
Bismuth		500	9.50		476	95.2
Boron		500	-1.30		453	90.6
Cadmium		1000	1.00		980	98.0
Calcium	400000	400000	383000	95.8	363000	90.8
Cerium			109*		597*	
Chromium		500	2.50		466	93.2
Cobalt		500	0.300		447	89.4
Copper		500	-3.70		489	97.8
Iron	200000	200000	195000	97.5	221000	110.5
Lead		1000	0.800		890	89.0
Lithium		500	-12.1		476	95.2
Magnesium	500000	500000	480000	96.0	464000	92.8
Manganese		500	7.80		505	101.0
Molybdenum		500	-0.900		459	91.8
Nickel		1000	0.700		883	88.3
Phosphorus		500	-7.00		437	87.4
Potassium			-97.7		-73.2	
Selenium		1000	-4.00		876	87.6
Silicon		500	-13.3		474	94.8
Silver		1000	0.700		1030	103.0
Sodium			-232		-214	
Strontium		500	-1.50		455	91.0
Sulfur		500	8.30		481	96.2
Thallium		1000	-3.00		841	84.1
Tin		500	-3.40		449	89.8
Titanium		500	-1.50		462	92.4
Tungsten		500	1.90		465	93.0
Vanadium		500	-3.20		471	94.2

INTERFERING ELEMENT CHECK STANDARDS SUMMARY
Part 1 - ICSA and ICSAB Standards

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

File ID: SD080122M1.ICP Date Analyzed: 08/01/22 Methods: EPA 200.7, SW846 6010D
QC Limits: 80 to 120 % Recovery Run ID: MA52801 Units: ug/l

Time:			12:40		12:45	
Sample ID:	ICSA	ICSAB	ICSA1		ICSAB1	
Metal	True	True	Results	% Rec	Results	% Rec
Zinc		1000	-3.60		903	90.3
Zirconium		500	1.20		438	87.6

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

QC Batch ID: MP34320
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: mg/l

Prep Date: 07/29/22

Metal	RL	IDL	MDL	MB raw	final
Aluminum	0.20	.027	.046		
Antimony	0.10	.0022	.0047		
Arsenic	0.10	.0013	.0028	-0.0013	<0.10
Barium	0.20	.001	.013	-0.00020	<0.20
Beryllium	0.0020	.0002	.0005		
Bismuth	0.020	.0021	.004		
Boron	0.10	.001	.063		
Cadmium	0.0040	.0002	.001	0.0	<0.0040
Calcium	5.0	.0077	.099		
Chromium	0.010	.0005	.002	0.00080	<0.010
Cobalt	0.050	.0004	.0026		
Copper	0.010	.0068	.0059		
Iron	0.10	.015	.032		
Lead	0.10	.0016	.0018	0.00010	<0.10
Lithium	0.050	.0037	.0073		
Magnesium	5.0	.054	.14		
Manganese	0.015	.0001	.0014		
Molybdenum	0.020	.0005	.0036		
Nickel	0.010	.0003	.0017		
Phosphorus	0.050	.0018	.018		
Potassium	10	.077	.2		
Selenium	0.10	.002	.0049	0.00060	<0.10
Silicon	0.20	.0013	.1		
Silver	0.010	.0009	.0019	-0.0015	<0.010
Sodium	10	.023	.57		
Strontium	0.010	.0004	.001		
Sulfur	0.050	.0041	.045		
Thallium	0.10	.0016	.0018		
Tin	0.010	.0009	.0037		
Titanium	0.010	.0009	.0025		
Tungsten	0.050	.002	.04		
Vanadium	0.050	.0008	.0018		
Zinc	0.020	.0002	.0069		

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

QC Batch ID: MP34320
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: mg/l

Prep Date: 07/29/22

Metal	RL	IDL	MDL	MB raw	final
Zirconium	0.010	.0005	.0041		

Associated samples MP34320: JD48925-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

QC Batch ID: MP34320
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: mg/l

Prep Date: 07/29/22

Metal	DA47321-1 Original	MS	Spikelot MPSPK2	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	0.079	2.1	2.0	101.1	75-125
Barium	0.22	2.1	2.0	94.0	75-125
Beryllium					
Bismuth					
Boron					
Cadmium	0.00020	1.8	2.0	90.0	75-125
Calcium					
Chromium	0.0076	1.8	2.0	89.6	75-125
Cobalt					
Copper					
Iron					
Lead	0.063	1.9	2.0	91.9	75-125
Lithium					
Magnesium					
Manganese					
Molybdenum					
Nickel					
Phosphorus					
Potassium					
Selenium	0.0093	2.0	2.0	99.5	75-125
Silicon					
Silver	0.0	0.26	0.25	104.0	75-125
Strontium					
Sulfur					
Thallium					
Tin					
Titanium					
Tungsten					
Vanadium					
Zinc					
Zirconium					

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

QC Batch ID: MP34320 Methods: SW846 6010D
Matrix Type: LEACHATE Units: mg/l

Prep Date: 07/29/22

Metal	DA47321-1 Original MS	Spikelot MPSPK2	% Rec	QC Limits

Associated samples MP34320: JD48925-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

QC Batch ID: MP34320
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: mg/l

Prep Date: 07/29/22

Metal	DA47321-1 Original	MSD	Spikelot MPSPK2	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	0.079	2.1	2.0	101.1	0.0	20
Barium	0.22	2.1	2.0	94.0	0.0	20
Beryllium						
Bismuth						
Boron						
Cadmium	0.00020	1.9	2.0	95.0	5.4	20
Calcium						
Chromium	0.0076	1.8	2.0	89.6	0.0	20
Cobalt						
Copper						
Iron						
Lead	0.063	1.9	2.0	91.9	0.0	20
Lithium						
Magnesium						
Manganese						
Molybdenum						
Nickel						
Phosphorus						
Potassium						
Selenium	0.0093	2.0	2.0	99.5	0.0	20
Silicon						
Silver	0.0	0.26	0.25	104.0	0.0	20
Strontium						
Sulfur						
Thallium						
Tin						
Titanium						
Tungsten						
Vanadium						
Zinc						
Zirconium						

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

QC Batch ID: MP34320 Methods: SW846 6010D
Matrix Type: LEACHATE Units: mg/l

Prep Date: 07/29/22

Metal	DA47321-1 Original MSD	Spikelot MPSPK2	% Rec	MSD RPD	QC Limit

Associated samples MP34320: JD48925-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

QC Batch ID: MP34320
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: mg/l

Prep Date:			07/29/22				07/29/22	
Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Aluminum								
Antimony								
Arsenic	2.0	2.0	100.0	80-120	2.1	2.0	105.0	80-120
Barium	2.0	2.0	100.0	80-120	2.0	2.0	100.0	80-120
Beryllium								
Bismuth								
Boron								
Cadmium	1.9	2.0	95.0	80-120	1.9	2.0	95.0	80-120
Calcium								
Chromium	2.0	2.0	100.0	80-120	2.0	2.0	100.0	80-120
Cobalt								
Copper								
Iron								
Lead	2.0	2.0	100.0	80-120	1.9	2.0	95.0	80-120
Lithium								
Magnesium								
Manganese								
Molybdenum								
Nickel								
Phosphorus								
Potassium								
Selenium	2.0	2.0	100.0	80-120	2.1	2.0	105.0	80-120
Silicon								
Silver	0.25	0.25	100.0	80-120	0.26	0.25	104.0	80-120
Sodium								
Strontium								
Sulfur								
Thallium								
Tin								
Titanium								
Tungsten								
Vanadium								
Zinc								

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

QC Batch ID: MP34320
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: mg/l

Prep Date:				07/29/22				07/29/22
Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Zirconium								

Associated samples MP34320: JD48925-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

QC Batch ID: MP34320
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: ug/l

Prep Date: 07/29/22

Metal	DA47321-1 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	79.3	83.4	5.2	0-10
Barium	216	227	5.1	0-10
Beryllium				
Bismuth				
Boron				
Cadmium	0.200	1.00	400.0(a)	0-10
Calcium				
Chromium	7.60	9.10	19.7 (a)	0-10
Cobalt				
Copper				
Iron				
Lead	62.7	67.0	6.9	0-10
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium	9.30	13.6	46.2 (a)	0-10
Silicon				
Silver	0.00	0.00	NC	0-10
Strontium				
Sulfur				
Thallium				
Tin				
Titanium				
Tungsten				
Vanadium				
Zinc				
Zirconium				

SERIAL DILUTION RESULTS SUMMARY

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

QC Batch ID: MP34320 Methods: SW846 6010D
Matrix Type: LEACHATE Units: ug/l

Prep Date: 07/29/22

	DA47321-1		QC
Metal	Original SDL 1:5	%DIF	Limits

Associated samples MP34320: JD48925-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

QC Batch ID: MP34347 Methods: SW846 7470A
Matrix Type: LEACHATE Units: mg/l

Prep Date: 07/29/22

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.00020	.000034	.000095	-0.000036	<0.00020

Associated samples MP34347: JD48925-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

QC Batch ID: MP34347
Matrix Type: LEACHATE

Methods: SW846 7470A
Units: mg/l

Prep Date: 07/29/22

Metal	DA47321-1 Original	MS	Spikelot HGPW3	% Rec	QC Limits
Mercury	0.0	0.0019	0.0020	95.0	75-125

Associated samples MP34347: JD48925-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

QC Batch ID: MP34347 Methods: SW846 7470A
Matrix Type: LEACHATE Units: mg/l

Prep Date: 07/29/22

Metal	DA47321-1 Original	MSD	Spikelot HGPW3	% Rec	MSD RPD	QC Limit
Mercury	0.0	0.0018	0.0020	90.0	5.4	20

Associated samples MP34347: JD48925-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JD48925
Account: TTCOD - Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

QC Batch ID: MP34347
Matrix Type: LEACHATE

Methods: SW846 7470A
Units: mg/l

Prep Date: 07/29/22

Metal	BSP Result	Spikelot HGPW3	% Rec	QC Limits
Mercury	0.0020	0.0020	100.0	80-120

Associated samples MP34347: JD48925-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

Instrument Detection Limits

Job Number: JD48925
Account: TTCOD Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

Instrument ID: LEEMANHG9 **Effective Date:** 01/12/21

Analyte	IDL ug/l
Mercury	.034

The above applies to the following instrument runs:
MA52793

Instrument Detection Limits

Job Number: JD48925
Account: TTCOD Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

Instrument ID: SSTRACE4 **Effective Date:** 02/11/21

Analyte	IDL ug/l
Aluminum	26.5
Antimony	2.2
Arsenic	1.3
Barium	1
Beryllium	.2
Bismuth	2.1
Boron	1
Cadmium	.2
Calcium	7.7
Chromium	.5
Cobalt	.4
Copper	6.8
Iron	14.6
Lead	1.6
Lithium	3.7
Magnesium	53.9
Manganese	.1
Molybdenum	.5
Nickel	.3
Phosphorus	1.8
Potassium	76.8
Selenium	2
Silicon	1.3
Silver	.9
Sodium	23.4
Sulfur	4.1
Strontium	.4
Thallium	1.6
Tin	.9
Titanium	.9
Tungsten	2
Vanadium	.8
Zinc	.2
Zirconium	.5

The above applies to the following instrument runs:
MA52801

Instrument Linear Ranges

Job Number: JD48925
Account: TTCOD Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

Instrument ID: LEEMANHG9 **Effective Date:** 02/26/18

Analyte	Linear Range ug/l
Mercury	5

The above applies to the following instrument runs:
MA52793

Instrument Linear Ranges

Job Number: JD48925
Account: TTCOD Tetra Tech
Project: R8 START: Garner Street Soils, Colorado Springs, CO

Instrument ID: SSTRACE4 **Effective Date:** 08/22/19

Analyte	Linear Range ug/l
Aluminum	300000
Antimony	8000
Arsenic	8000
Barium	8000
Beryllium	8000
Bismuth	8000
Boron	8000
Cadmium	8000
Calcium	200000
Cerium	8000
Chromium	8000
Cobalt	8000
Copper	8000
Iron	200000
Lead	8000
Lithium	8000
Magnesium	300000
Manganese	8000
Molybdenum	8000
Nickel	8000
Palladium	8000
Phosphorus	8000
Potassium	200000
Selenium	8000
Silicon	25000
Silver	625
Sodium	200000
Sulfur	100000
Strontium	8000
Thallium	8000
Tin	8000
Titanium	8000
Tungsten	8000
Vanadium	8000
Zinc	8000
Zirconium	8000

The above applies to the following instrument runs:
MA52801

Metals Analysis

Raw Data

MA52793

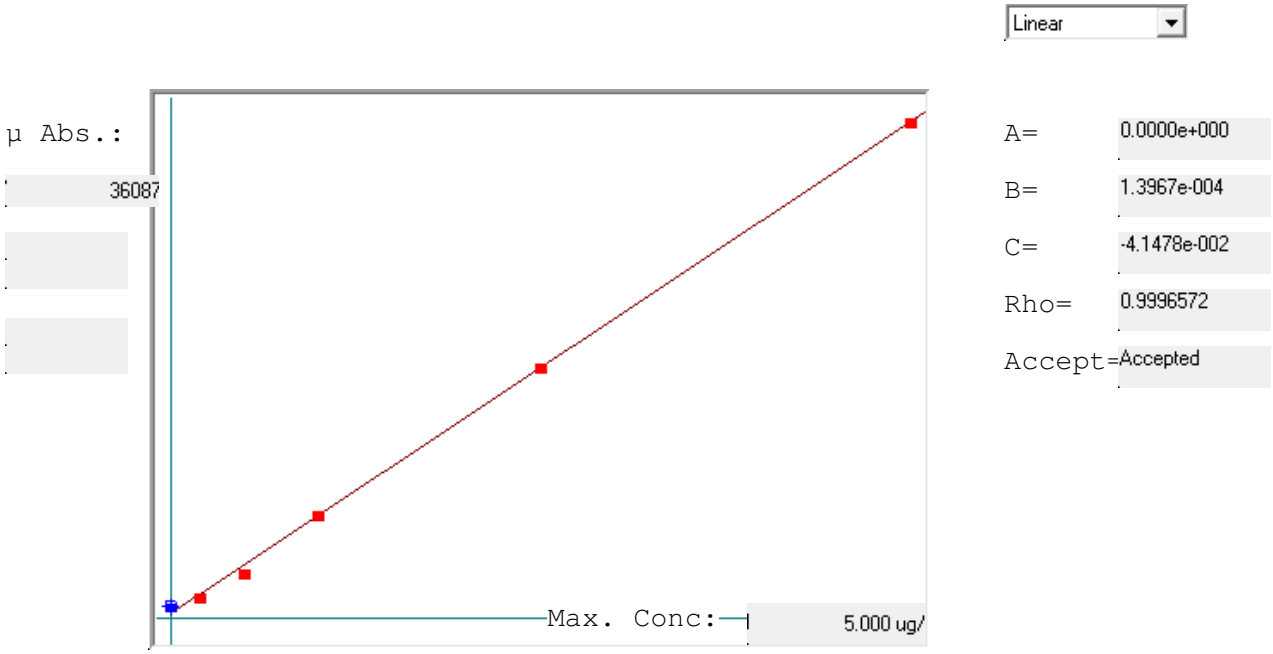
Method: SGS Operator: Admin Date of Analysis: 01 Aug 2022 13:35:38

Sample ID	Date	Type	Units	Conc.	µ Abs.	Wt.	Vol.
STDA - 1	01 Aug 2022 13:36:10	S	ug/l	-	875	1.000	1.000
STDB - 1	01 Aug 2022 13:37:32	S	ug/l	-	1528	1.000	1.000
STDC - 1	01 Aug 2022 13:38:58	S	ug/l	-	3364	1.000	1.000
STDD - 1	01 Aug 2022 13:40:30	S	ug/l	-	7532	1.000	1.000
STDE - 1	01 Aug 2022 13:42:10	S	ug/l	-	18264	1.000	1.000
STDF - 1	01 Aug 2022 13:43:56	S	ug/l	-	36087	1.000	1.000
SAMPLECONF - 1	01 Aug 2022 13:46:47	U	ug/l	-0.0441	-19	1.000	1.000
ICV - 1	01 Aug 2022 13:48:08	C	ug/l	3.2278	23407	1.000	1.000
ICB - 1	01 Aug 2022 13:49:28	C	ug/l	-0.0081	239	1.000	1.000
CCV - 1	01 Aug 2022 13:51:23	C	ug/l	2.5081	18254	1.000	1.000
CCB - 1	01 Aug 2022 13:52:48	C	ug/l	-0.0071	246	1.000	1.000
CRI - 1	01 Aug 2022 13:54:38	C	ug/l	0.1500	1371	1.000	1.000
MP34251-MB2 - 1	01 Aug 2022 13:56:02	U	ug/l	-0.0290	89	1.000	1.000
MP34251-B2 - 1	01 Aug 2022 13:57:37	U	ug/l	2.0461	14946	1.000	1.000
MP34251-S1 - 1	01 Aug 2022 13:59:00	U	ug/l	1.4539	10706	1.000	1.000
MP34251-S2 - 1	01 Aug 2022 14:00:52	U	ug/l	1.3864	10223	1.000	1.000
JD48090-2 - 1	01 Aug 2022 14:02:45	U	ug/l	-0.0605	-136	1.000	1.000
CCV - 1	01 Aug 2022 14:04:39	C	ug/l	2.4129	17572	1.000	1.000
CCB - 1	01 Aug 2022 14:06:01	C	ug/l	-0.0031	275	1.000	1.000
MP34346-MB1 - 1	01 Aug 2022 14:07:54	U	ug/l	-0.0408	5	1.000	1.000
MP34346-B1 - 1	01 Aug 2022 14:09:19	U	ug/l	2.0531	14996	1.000	1.000
MP34346-S1 - 1	01 Aug 2022 14:10:42	U	ug/l	1.9304	14118	1.000	1.000
MP34346-S2 - 1	01 Aug 2022 14:12:35	U	ug/l	1.8708	13691	1.000	1.000
JD48794-1A - 1	01 Aug 2022 14:14:28	U	ug/l	-0.0540	-90	1.000	1.000
JD48794-4A - 1	01 Aug 2022 14:16:20	U	ug/l	-0.0162	181	1.000	1.000
CCV - 1	01 Aug 2022 14:17:45	C	ug/l	2.4749	18016	1.000	1.000
CCB - 1	01 Aug 2022 14:19:09	C	ug/l	-0.0064	251	1.000	1.000
JD48794-5A - 1	01 Aug 2022 14:21:02	U	ug/l	-0.0232	131	1.000	1.000
JD48768-1A - 1	01 Aug 2022 14:22:26	U	ug/l	-0.0239	126	1.000	1.000
JD48789-24 - 1	01 Aug 2022 14:23:49	U	ug/l	0.0317	524	1.000	1.000
JD48790-30 - 1	01 Aug 2022 14:25:12	U	ug/l	-0.0299	83	1.000	1.000
JD48790-50 - 1	01 Aug 2022 14:26:36	U	ug/l	-0.0316	71	1.000	1.000
JD48859-11 - 1	01 Aug 2022 14:27:59	U	ug/l	-0.0101	225	1.000	1.000
JD48859-51 - 1	01 Aug 2022 14:29:20	U	ug/l	-0.0202	152	1.000	1.000
CCV - 1	01 Aug 2022 14:30:44	C	ug/l	2.4284	17683	1.000	1.000
CCB - 1	01 Aug 2022 14:32:08	C	ug/l	-0.0036	271	1.000	1.000
MP34347-MB1 - 1	01 Aug 2022 14:34:00	U	ug/l	-0.0359	40	1.000	1.000
MP34347-B1 - 1	01 Aug 2022 14:35:25	U	ug/l	1.9896	14542	1.000	1.000
MP34347-S1 - 1	01 Aug 2022 14:36:48	U	ug/l	1.8754	13724	1.000	1.000
MP34347-S2 - 1	01 Aug 2022 14:38:43	U	ug/l	1.8257	13368	1.000	1.000
DA47321-1 - 1	01 Aug 2022 14:40:38	U	ug/l	-0.0559	-103	1.000	1.000
DA47321-2 - 1	01 Aug 2022 14:42:31	U	ug/l	-0.0390	18	1.000	1.000
DA47321-3 - 1	01 Aug 2022 14:43:53	U	ug/l	-0.0363	37	1.000	1.000
CCV - 1	01 Aug 2022 14:45:16	C	ug/l	2.3936	17434	1.000	1.000
CCB - 1	01 Aug 2022 14:46:38	C	ug/l	-0.0149	190	1.000	1.000
DA47321-4 - 1	01 Aug 2022 14:48:31	U	ug/l	-0.0404	8	1.000	1.000
DA47321-5 - 1	01 Aug 2022 14:49:55	U	ug/l	-0.0279	97	1.000	1.000
DA47321-6 - 1	01 Aug 2022 14:51:17	U	ug/l	-0.0268	105	1.000	1.000
DA47321-7 - 1	01 Aug 2022 14:52:40	U	ug/l	-0.0299	83	1.000	1.000
DA47321-8 - 1	01 Aug 2022 14:54:03	U	ug/l	-0.0313	73	1.000	1.000
DA47321-9 - 1	01 Aug 2022 14:55:26	U	ug/l	-0.0258	112	1.000	1.000
DA47321-10 - 1	01 Aug 2022 14:56:48	U	ug/l	-0.0225	136	1.000	1.000
JD48925-1 - 1	01 Aug 2022 14:58:10	U	ug/l	-0.0102	224	1.000	1.000
CCV - 1	01 Aug 2022 14:59:34	C	ug/l	2.3263	16952	1.000	1.000
CCB - 1	01 Aug 2022 15:00:58	C	ug/l	-0.0172	174	1.000	1.000
MP34348-MB1 - 1	01 Aug 2022 15:03:13	U	ug/l	0.0182	427	1.000	1.000
MP34348-B1 - 1	01 Aug 2022 15:04:35	U	ug/l	1.9275	14097	1.000	1.000
MP34348-S1 - 1	01 Aug 2022 15:06:01	U	ug/l	1.7888	13104	1.000	1.000

MA52793

Method: SGS Operator: Admin Date of Analysis: 01 Aug 2022 13:35:38

Sample ID	Date	Type	Units	Conc.	µ Abs.	Wt.	Vol.
MP34348-S2 - 1	01 Aug 2022 15:07:52	U	ug/l	1.6961	12440	1.000	1.000
DA47320-1 - 1	01 Aug 2022 15:09:44	U	ug/l	-0.0035	272	1.000	1.000
CCV - 1	01 Aug 2022 15:11:38	C	ug/l	2.3704	17268	1.000	1.000
CCB - 1	01 Aug 2022 15:13:03	C	ug/l	-0.0233	130	1.000	1.000
MP34349-MB1 - 1	01 Aug 2022 15:14:56	U	ug/l	-0.0149	190	1.000	1.000
MP34349-B1 - 1	01 Aug 2022 15:16:21	U	ug/l	1.9081	13958	1.000	1.000
MP34349-S1 - 1	01 Aug 2022 15:17:45	U	ug/l	2.9746	21594	1.000	1.000
MP34349-S2 - 1	01 Aug 2022 15:19:37	U	ug/l	2.8581	20760	1.000	1.000
MP34349-S3 - 1	01 Aug 2022 15:21:39	U	ug/l	1.9128	13992	1.000	1.000
MP34349-S4 - 1	01 Aug 2022 15:23:39	U	ug/l	1.9053	13938	1.000	1.000
JD48726-3 - 1	01 Aug 2022 15:25:35	U	ug/l	0.9410	7034	1.000	1.000
CCV - 1	01 Aug 2022 15:27:32	C	ug/l	2.2982	16751	1.000	1.000
CCB - 1	01 Aug 2022 15:29:22	C	ug/l	-0.0173	173	1.000	1.000
JD48726-3F - 1	01 Aug 2022 15:31:14	U	ug/l	0.0912	950	1.000	1.000
JD48726-1 - 1	01 Aug 2022 15:32:40	U	ug/l	-0.0547	-95	1.000	1.000
JD48726-2 - 1	01 Aug 2022 15:34:08	U	ug/l	-0.0147	192	1.000	1.000
JD48726-4 - 1	01 Aug 2022 15:35:33	U	ug/l	3.2505	23569	1.000	1.000
JD48726-5 - 1	01 Aug 2022 15:36:57	U	ug/l	2.0876	15243	1.000	1.000
JD48726-6 - 1	01 Aug 2022 15:38:56	U	ug/l	-0.0296	85	1.000	1.000
JD48726-1F - 1	01 Aug 2022 15:40:50	U	ug/l	0.0064	343	1.000	1.000
JD48726-2F - 1	01 Aug 2022 15:42:14	U	ug/l	-0.0168	177	1.000	1.000
CCV - 1	01 Aug 2022 15:43:39	C	ug/l	2.3184	16896	1.000	1.000
CCB - 1	01 Aug 2022 15:45:03	C	ug/l	-0.0170	175	1.000	1.000
JD48726-4F - 1	01 Aug 2022 15:46:56	U	ug/l	0.3041	2474	1.000	1.000
JD48726-5F - 1	01 Aug 2022 15:48:21	U	ug/l	-0.0017	285	1.000	1.000
JD48789-20 - 1	01 Aug 2022 15:49:58	U	ug/l	-0.0486	-51	1.000	1.000
JD48790-1 - 1	01 Aug 2022 15:51:23	U	ug/l	-0.0033	273	1.000	1.000
JD48914-10 - 1	01 Aug 2022 15:52:48	U	ug/l	-0.0056	257	1.000	1.000
JD48579-2 - 1	01 Aug 2022 15:54:14	U	ug/l	1.6900	12397	1.000	1.000
JD48579-4 - 1	01 Aug 2022 15:55:39	U	ug/l	-0.0272	102	1.000	1.000
JD48805-2F - 1	01 Aug 2022 15:57:29	U	ug/l	0.0134	393	1.000	1.000
CCV - 1	01 Aug 2022 15:58:54	C	ug/l	2.3595	17190	1.000	1.000
CCB - 1	01 Aug 2022 16:00:18	C	ug/l	-0.0176	171	1.000	1.000



Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
STDA	0.000	0.081	0.081	875	0.000	875				
STDB	0.200	0.172	-0.028	1528	0.0 %	1528				
STDC	0.500	0.428	-0.072	3364	0.0 %	3364				
STDD	1.000	1.011	0.011	7532	0.0 %	7532				
STDE	2.500	2.510	0.010	18264	0.0 %	18264				
STDF	5.000	4.999	-0.001	36087	0.0 %	36087				

Zoom In ▶ Zoom Out

Sample Name: STDA Acquired: 8/1/2022 11:49:37 Type: Cal
Method: SGS No Vlave3(v298) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.0006**	**-.0025**	**-.0005**	**.0001**	**.0144**	**.0005**	**.0001**	**.0022**	**.0011**
Stddev	.0000	.0003	.0001	.0001	.0006	.0003	.0002	.0003	.0002
%RSD	4.110	13.98	15.71	55.88	4.183	64.62	154.6	12.76	16.51
#1	-.0006	-.0021	-.0005	.0001	.0137	.0002	.0003	.0021	.0010
#2	-.0007	-.0027	-.0004	.0002	.0146	.0009	.0002	.0026	.0010
#3	-.0006	-.0027	-.0005	.0001	.0148	.0005	-.0001	.0021	.0013

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.0012**	**-.0006**	**-.0000**	**.0021**	**-.0000**	**.0098**	**.0011**	**.0002**	**-.0001**
Stddev	.0001	.0002	.0000	.0000	.0001	.0025	.0012	.0003	.0000
%RSD	4.579	30.83	68.38	1.632	887.3	25.00	112.3	152.7	12.95
#1	-.0013	-.0004	-.0000	.0022	.0001	.0071	.0006	-.0001	-.0001
#2	-.0012	-.0007	-.0000	.0021	-.0001	.0105	.0002	.0001	-.0001
#3	-.0012	-.0008	-.0000	.0021	-.0001	.0118	.0024	.0006	-.0001

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.0007**	**.0141**	**.0003**	**-.0012**	**.0005**	**-.0046**	**.0015**	**-.0004**	**.0023**
Stddev	.0002	.0026	.0001	.0001	.0001	.0000	.0001	.0002	.0001
%RSD	27.51	18.72	24.12	6.154	25.88	1.052	4.600	60.12	3.512
#1	-.0007	.0111	.0003	-.0013	.0004	-.0046	.0016	-.0004	.0024
#2	-.0005	.0152	.0002	-.0012	.0006	-.0046	.0014	-.0006	.0023
#3	-.0009	.0161	.0003	-.0012	.0005	-.0047	.0015	-.0001	.0023

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.0001**	**-.0049**	**-.0002**	**-.0001**	**.0000**	**.0017**	**.0022**	**-.0011**
Stddev	.0002	.0003	.0001	.0000	.0000	.0004	.0002	.0000
%RSD	201.6	6.718	34.42	39.31	300.0	21.74	7.043	3.136
#1	-.0001	-.0051	-.0002	-.0000	.0000	.0017	.0023	-.0012
#2	.0001	-.0051	-.0003	-.0001	.0000	.0020	.0024	-.0011
#3	-.0003	-.0045	-.0002	-.0001	-.0000	.0013	.0021	-.0011

◀ Zoom In ▶ Zoom Out

Sample Name: STDA Acquired: 8/1/2022 11:49:37 Type: Cal
Method: SGS No Vlave3(v298) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12740.**	**221860.**	**10673.**	**6194.3**
Stddev	5.	1024.	55.	.8
%RSD	.04007	.46151	.51200	.01363
#1	12736.	221530.	10721.	6193.4
#2	12746.	223010.	10684.	6195.1
#3	12739.	221050.	10614.	6194.4

◀ Zoom In ▶ Zoom Out

Sample Name: STDB Acquired: 8/1/2022 11:54:35 Type: Cal
Method: SGS No Vlave3(v298) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0676**	**2.569**	**.4508**	**.8459**	**8.614**	**6.863**	**.7780**	**5.881**	**4.247**
Stddev	.0002	.004	.0005	.0007	.006	.006	.0015	.002	.006
%RSD	.2761	.1354	.1118	.0863	.0736	.0941	.1918	.0345	.1346
#1	.0674	2.572	.4502	.8451	8.611	6.855	.7767	5.879	4.244
#2	.0677	2.570	.4511	.8462	8.610	6.867	.7777	5.880	4.244
#3	.0678	2.565	.4511	.8464	8.621	6.865	.7797	5.883	4.254

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0861**	**2.601**	**.4897**	**.9539**	**3.201**	**3.021**	**1.935**	**.4778**	**2.715**
Stddev	.0001	.003	.0012	.0020	.002	.002	.003	.0010	.018
%RSD	.1368	.1258	.2369	.2075	.0733	.0528	.1398	.2145	.6613
#1	.0860	2.597	.4886	.9517	3.198	3.019	1.936	.4771	2.713
#2	.0861	2.601	.4895	.9556	3.202	3.021	1.932	.4774	2.734
#3	.0862	2.604	.4909	.9543	3.203	3.022	1.937	.4790	2.698

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3.145**	**9.556**	**1.884**	**.4664**	**.7801**	**.1496**	**.6071**	**.3291**	**2.049**
Stddev	.004	.007	.003	.0016	.0004	.0002	.0016	.0006	.002
%RSD	.1289	.0692	.1685	.3413	.0483	.1247	.2639	.1730	.1116
#1	3.141	9.550	1.883	.4646	.7797	.1494	.6069	.3284	2.047
#2	3.144	9.555	1.883	.4670	.7800	.1496	.6057	.3293	2.048
#3	3.149	9.563	1.888	.4676	.7805	.1498	.6088	.3295	2.052

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.8099**	**17.20**	**.5815**	**.1346**	**.4153**	**1.579**	**4.996**	**1.362**
Stddev	.0005	.01	.0011	.0005	.0007	.002	.003	.013
%RSD	.0564	.0580	.1926	.3782	.1728	.1166	.0558	.9172
#1	.8103	17.20	.5806	.1347	.4147	1.577	5.000	1.353
#2	.8094	17.19	.5813	.1340	.4152	1.579	4.995	1.377
#3	.8100	17.21	.5828	.1350	.4161	1.581	4.995	1.357

◀ Zoom In ▶ Zoom Out

Sample Name: STDB Acquired: 8/1/2022 11:54:35 Type: Cal
Method: SGS No Vlave3(v298) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**11725.**	**208150.**	**10574.**	**5832.4**
Stddev	35.	763.	54.	20.9
%RSD	.30114	.36671	.51175	.35753
#1	11700.	208880.	10622.	5819.0
#2	11711.	208220.	10586.	5821.8
#3	11766.	207360.	10515.	5856.4

Zoom In Zoom Out

Sample Name: ICV 1 Acquired: 8/1/2022 11:59:33 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2465**	**38.53**	**1.976**	**1.937**	**1.939**	**1.942**	**1.985**	**38.88**	**1.901**
Stddev	.0007	.02	.004	.004	.004	.001	.001	.02	.002
%RSD	.2964	.0402	.1872	.1842	.1989	.0589	.0440	.0591	.1238
#1	.2469	38.54	1.980	1.940	1.938	1.943	1.984	38.86	1.902
#2	.2469	38.51	1.974	1.939	1.944	1.941	1.984	38.90	1.901
#3	.2456	38.54	1.974	1.933	1.936	1.941	1.985	38.86	1.898
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.000**	**1.921**	**1.935**	**1.918**	**39.30**	**38.60**	**1.994**	**39.00**	**1.957**
Stddev	.011	.002	.007	.004	.05	.09	.004	.05	.013
%RSD	.5322	.1083	.3409	.2315	.1192	.2429	.1835	.1336	.6757
#1	2.012	1.924	1.943	1.921	39.25	38.57	1.995	39.01	1.968
#2	1.991	1.920	1.933	1.920	39.34	38.71	1.998	39.04	1.960
#3	1.997	1.920	1.930	1.913	39.31	38.53	1.990	38.94	1.942
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.997**	**38.79**	**1.941**	**1.908**	**1.927**	**1.936**	**1.980**	**1.905**	**4.894**
Stddev	.002	.11	.003	.001	.003	.004	.002	.003	.004
%RSD	.1184	.2805	.1702	.0596	.1290	.1788	.1092	.1331	.0767
#1	2.000	38.73	1.944	1.909	1.930	1.940	1.982	1.908	4.891
#2	1.997	38.91	1.937	1.907	1.927	1.934	1.980	1.904	4.899
#3	1.995	38.72	1.942	1.908	1.925	1.934	1.978	1.903	4.893
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ICV 1 Acquired: 8/1/2022 11:59:33 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.015**	**1.937**	**2.004**	**1.957**	**1.923**	**1.962**	**1.928**	**2.025**
Stddev	.003	.004	.006	.002	.007	.001	.004	.006
%RSD	.1605	.1867	.2859	.1089	.3489	.0660	.2190	.3228
#1	2.017	1.935	2.010	1.954	1.931	1.961	1.932	2.031
#2	2.017	1.941	2.003	1.958	1.922	1.963	1.929	2.026
#3	2.011	1.935	1.999	1.958	1.918	1.960	1.924	2.018
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12043.**	**212760.**	**10599.**	**6005.6**
Stddev	24.	808.	91.	20.3
%RSD	.19720	.37995	.85891	.33816
#1	12041.	212150.	10654.	6006.3
#2	12021.	213680.	10493.	5985.0
#3	12068.	212460.	10649.	6025.6

Zoom In Zoom Out

Sample Name: ICB 7 Acquired: 8/1/2022 12:07:24 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**.0087**	**-.0001**	**.0025**	**-.0001**	**.0001**	**.0014**	**.0013**	**.0002**
Stddev	.0002	.0173	.0006	.0005	.0002	.0001	.0013	.0031	.0001
%RSD	87.54	198.0	640.3	18.96	128.0	153.8	94.38	241.1	82.59
#1	-.0001	-.0088	-.0002	.0021	-.0002	-.0001	-.0001	.0031	.0001
#2	-.0005	.0092	-.0006	.0024	.0001	.0002	.0024	.0032	.0003
#3	-.0002	.0257	.0005	.0030	-.0002	.0002	.0020	-.0023	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0032**	**.0001**	**-.0003**	**.0003**	**.0022**	**.0045**	**.0013**	**-.0262**	**.0001**
Stddev	.0020	.0003	.0002	.0002	.0037	.0138	.0028	.0235	.0000
%RSD	61.99	355.0	69.89	90.55	169.5	305.3	215.1	89.85	40.43
#1	-.0016	.0002	-.0005	-.0000	.0027	.0130	-.0010	-.0049	.0001
#2	-.0026	.0003	-.0001	.0004	-.0017	-.0114	.0005	-.0515	.0001
#3	-.0054	-.0003	-.0004	.0004	.0057	.0118	.0045	-.0223	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**-.0545**	**.0001**	**-.0003**	**-.0009**	**-.0014**	**.0004**	**-.0001**	**.0050**
Stddev	.0003	.0146	.0002	.0013	.0008	.0034	.0001	.0005	.0008
%RSD	78.02	26.79	136.2	450.2	90.97	245.3	26.02	493.3	16.31
#1	.0003	-.0384	-.0000	-.0012	-.0015	-.0042	.0004	-.0005	.0059
#2	.0008	-.0669	.0003	-.0009	-.0013	.0024	.0003	.0005	.0045
#3	.0002	-.0582	.0001	.0012	.0000	-.0023	.0004	-.0003	.0045
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ICB 7 Acquired: 8/1/2022 12:07:24 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**-.0001**	**.0002**	**.0003**	**.0002**	**-.0000**	**-.0006**	**.0002**
Stddev	.0008	.0001	.0002	.0031	.0003	.0012	.0001	.0002
%RSD	463.4	166.8	147.6	1215.	142.8	6677.	14.11	118.4
#1	.0007	-.0000	.0004	-.0034	.0005	.0009	-.0005	.0001
#2	-.0009	-.0002	.0002	.0022	.0001	.0003	-.0005	.0004
#3	-.0003	.0000	-.0001	.0019	-.0000	-.0013	-.0007	.0000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12751.**	**220030.**	**10606.**	**6166.1**
Stddev	30.	3268.	4.	12.5
%RSD	.23196	1.4851	.03381	.20290
#1	12778.	223300.	10607.	6179.9
#2	12755.	220020.	10610.	6162.9
#3	12720.	216760.	10602.	6155.4

Zoom In Zoom Out

Sample Name: iccv 1 Acquired: 8/1/2022 12:15:07 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2463**	**38.38**	**1.987**	**1.947**	**1.936**	**1.937**	**1.990**	**38.76**	**1.910**
Stddev	.0004	.03	.003	.001	.004	.002	.003	.06	.001
%RSD	.1682	.0822	.1265	.0707	.2040	.1248	.1721	.1550	.0665
#1	.2463	38.42	1.987	1.945	1.939	1.939	1.991	38.83	1.912
#2	.2458	38.38	1.984	1.947	1.939	1.936	1.988	38.74	1.909
#3	.2464	38.34	1.986	1.947	1.934	1.939	1.994	38.78	1.909
#4	.2468	38.37	1.990	1.948	1.931	1.934	1.986	38.69	1.910
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.998**	**1.926**	**1.935**	**1.916**	**39.15**	**38.51**	**1.987**	**38.96**	**1.959**
Stddev	.006	.001	.002	.001	.07	.11	.003	.12	.023
%RSD	.3254	.0693	.0985	.0666	.1665	.2878	.1719	.3041	1.176
#1	2.001	1.928	1.936	1.914	39.22	38.65	1.991	39.08	1.962
#2	1.989	1.925	1.936	1.916	39.13	38.50	1.988	38.89	1.983
#3	1.997	1.925	1.934	1.917	39.18	38.51	1.983	39.04	1.963
#4	2.005	1.925	1.932	1.917	39.07	38.38	1.987	38.83	1.928
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: iccv 1 Acquired: 8/1/2022 12:15:07 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.005**	**38.61**	**1.943**	**1.925**	**1.931**	**1.954**	**1.990**	**1.919**	**4.896**
Stddev	.002	.07	.002	.004	.003	.006	.002	.002	.006
%RSD	.1183	.1936	.1125	.1898	.1618	.3250	.0930	.0884	.1212
#1	2.007	38.72	1.945	1.927	1.933	1.954	1.992	1.920	4.904
#2	2.002	38.58	1.944	1.920	1.932	1.953	1.990	1.920	4.891
#3	2.006	38.59	1.941	1.928	1.926	1.962	1.987	1.916	4.899
#4	2.003	38.55	1.940	1.924	1.932	1.946	1.989	1.919	4.892
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.028**	**1.934**	**2.005**	**1.953**	**1.925**	**1.971**	**1.939**	**2.023**
Stddev	.001	.003	.002	.006	.002	.005	.002	.001
%RSD	.0685	.1369	.0783	.3183	.1051	.2350	.0820	.0620
#1	2.030	1.937	2.007	1.955	1.924	1.975	1.939	2.025
#2	2.029	1.935	2.006	1.956	1.922	1.964	1.940	2.024
#3	2.028	1.933	2.004	1.944	1.927	1.973	1.936	2.023
#4	2.026	1.931	2.003	1.958	1.925	1.971	1.939	2.022
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Zoom In Zoom Out

Sample Name: iccv 1 Acquired: 8/1/2022 12:15:07 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**11964.**	**211860.**	**10549.**	**5947.4**
Stddev	16.	1464.	55.	8.7
%RSD	.13691	.69122	.52124	.14648
#1	11945.	210770.	10524.	5936.8
#2	11955.	210580.	10632.	5949.6
#3	11976.	212430.	10522.	5945.5
#4	11979.	213670.	10519.	5957.7

Zoom In Zoom Out

Sample Name: ccb 7 Acquired: 8/1/2022 12:26:28 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	F **.0383**	**.0008**	**.0018**	**-.0001**	**.0000**	**.0013**	**.0013**	**.0000**
Stddev	.0002	.0196	.0007	.0004	.0003	.0001	.0003	.0028	.0002
%RSD	43.43	51.25	90.97	21.61	471.1	475.8	25.27	212.9	2085.
#1	-.0004	.0394	.0010	.0015	.0002	-.0001	.0011	-.0002	-.0002
#2	-.0008	.0573	.0014	.0016	-.0001	.0000	.0012	.0046	.0000
#3	-.0005	.0181	.0000	.0022	-.0003	.0002	.0017	-.0004	.0002
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		.0200							
Low Limit		-.0200							

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0006**	**-.0002**	**-.0003**	**.0007**	**-.0016**	**-.0361**	**.0017**	**-.0201**	**.0001**
Stddev	.0020	.0001	.0002	.0002	.0021	.0224	.0011	.0249	.0000
%RSD	354.6	77.06	71.59	24.85	128.8	62.04	67.99	123.4	44.49
#1	-.0026	-.0000	-.0004	.0008	.0007	-.0197	.0009	-.0390	.0001
#2	-.0005	-.0003	-.0005	.0005	-.0024	-.0616	.0030	-.0294	.0001
#3	.0014	-.0002	-.0001	.0006	-.0032	-.0270	.0011	.0080	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**-.0931**	**.0003**	**.0001**	**-.0008**	**-.0024**	**-.0005**	**-.0006**	**.0041**
Stddev	.0004	.0175	.0002	.0004	.0010	.0003	.0015	.0008	.0025
%RSD	115.9	18.82	58.81	315.0	138.9	11.90	285.8	136.6	60.75
#1	.0008	-.1126	.0001	.0005	-.0017	-.0022	-.0018	-.0009	.0065
#2	.0000	-.0787	.0005	.0001	-.0010	-.0027	.0012	.0003	.0041
#3	.0002	-.0880	.0003	-.0003	.0004	-.0024	-.0009	-.0012	.0016
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ccb 7 Acquired: 8/1/2022 12:26:28 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0004**	**.0001**	**.0002**	**.0002**	**.0003**	**.0002**	**-.0005**	**.0001**
Stddev	.0004	.0001	.0002	.0026	.0002	.0003	.0001	.0001
%RSD	111.6	60.80	75.94	1387.	50.84	165.5	17.49	65.52
#1	-.0001	.0000	.0001	.0032	.0003	.0001	-.0006	.0001
#2	-.0008	.0001	.0004	-.0014	.0002	.0005	-.0005	.0000
#3	-.0001	.0001	.0002	-.0013	.0005	-.0001	-.0005	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12707.**	**216960.**	**10591.**	**6144.2**
Stddev	47.	1527.	2.	36.0
%RSD	.36929	.70357	.01518	.58660
#1	12727.	215460.	10592.	6160.2
#2	12741.	216910.	10592.	6169.5
#3	12654.	218520.	10589.	6102.9

Zoom In Zoom Out

Sample Name: CRI Acquired: 8/1/2022 12:30:50 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0044**	**.1942**	**.0085**	**.0939**	**.1926**	**.0019**	**.0221**	**5.033**
Stddev	.0002	.0110	.0012	.0006	.0004	.0001	.0014	.013
%RSD	4.103	5.686	14.00	.6245	.2174	4.092	6.521	.2613
#1	.0045	.2070	.0088	.0940	.1927	.0019	.0219	5.046
#2	.0042	.1871	.0095	.0944	.1921	.0020	.0237	5.020
#3	.0046	.1887	.0072	.0933	.1929	.0019	.0208	5.033
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0035**	F **-.0053**	**.0470**	**.0096**	**.0101**	**.1052**	**4.782**	**.0509**
Stddev	.0003	.0051	.0001	.0002	.0006	.0038	.034	.0001
%RSD	7.867	96.74	.1360	1.643	6.398	3.641	.7065	.2799
#1	.0036	-.0112	.0469	.0094	.0105	.1034	4.789	.0509
#2	.0037	-.0026	.0470	.0097	.0094	.1026	4.811	.0508
#3	.0032	-.0021	.0471	.0096	.0105	.1096	4.745	.0510
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value		.2000						
Range		-20.00%						

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.034**	**.0151**	**.0206**	**4.833**	**.0097**	**.0470**	**.0026**	**.0445**
Stddev	.050	.0001	.0003	.057	.0001	.0010	.0015	.0023
%RSD	.9989	.7135	1.378	1.178	1.131	2.073	56.91	5.230
#1	5.055	.0151	.0206	4.802	.0098	.0459	.0023	.0465
#2	4.977	.0150	.0203	4.899	.0095	.0475	.0043	.0420
#3	5.071	.0152	.0208	4.799	.0097	.0477	.0014	.0452
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Zoom In Zoom Out

Sample Name: CRI Acquired: 8/1/2022 12:30:50 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0059**	**.0108**	**.1895**	**.0096**	**.0095**	**.0099**	**.0089**	**.0463**
Stddev	.0003	.0028	.0009	.0004	.0002	.0004	.0009	.0006
%RSD	5.037	26.24	.4945	4.350	1.644	3.671	10.63	1.289
#1	.0061	.0125	.1899	.0095	.0095	.0102	.0082	.0467
#2	.0055	.0076	.1901	.0101	.0096	.0095	.0086	.0457
#3	.0060	.0124	.1884	.0093	.0093	.0100	.0100	.0467
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0500**	**.0190**	F **.0128**
Stddev	.0005	.0002	.0004
%RSD	1.091	.8321	2.996
#1	.0505	.0191	.0133
#2	.0500	.0188	.0126
#3	.0494	.0190	.0127
Check ?	Chk Pass	Chk Pass	Chk Fail
Value			.0100
Range			20.00%

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12516.**	**214860.**	**10528.**	**6078.6**
Stddev	7.	1178.	64.	4.1
%RSD	.05890	.54838	.60848	.06793
#1	12512.	214360.	10464.	6076.3
#2	12512.	216210.	10592.	6076.1
#3	12525.	214020.	10528.	6083.3

Zoom In Zoom Out

Sample Name: CRID Acquired: 8/1/2022 12:35:53 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0010**	**.1008**	F **.0039**	**.0015**	**.0037**	**.0008**	**.0022**	**.9933**
Stddev	.0004	.0223	.0007	.0003	.0002	.0001	.0007	.0042
%RSD	38.28	22.16	17.75	22.48	6.536	7.903	33.55	.4238
#1	-.0006	.0938	.0047	.0013	.0036	.0008	.0014	.9910
#2	-.0012	.0828	.0038	.0012	.0036	.0008	.0022	.9907
#3	-.0012	.1258	.0033	.0018	.0040	.0009	.0029	.9981
Check ?	None	Chk Pass	Chk Fail	None	Chk Pass	Chk Pass	None	Chk Pass
Value			.0030					
Range			20.00%					

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0011**	F **-.0028**	**.0030**	**.0018**	**.0005**	**-.0015**	**1.859**	**.0005**
Stddev	.0002	.0025	.0001	.0001	.0001	.0010	.005	.0024
%RSD	18.05	89.40	3.098	7.799	20.94	68.59	.2481	540.4
#1	.0011	-.0002	.0029	.0019	.0005	-.0023	1.854	.0014
#2	.0009	-.0051	.0029	.0018	.0004	-.0017	1.864	-.0023
#3	.0013	-.0031	.0031	.0016	.0005	-.0003	1.859	.0023
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	None	None	Chk Pass	None
Value		.0040						
Range		-20.00%						

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0956**	**.0031**	**.0000**	**.8494**	**.0039**	**-.0007**	**-.0006**	**-.0045**
Stddev	.0088	.0001	.0001	.0173	.0001	.0002	.0015	.0033
%RSD	9.225	1.913	413.9	2.041	2.742	30.71	256.5	74.06
#1	.0925	.0030	.0001	.8306	.0039	-.0008	-.0023	-.0015
#2	.1056	.0031	.0001	.8529	.0040	-.0010	.0004	-.0039
#3	.0889	.0031	-.0001	.8647	.0038	-.0005	.0002	-.0081
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	None	None	None
Value								
Range								

Zoom In Zoom Out

Sample Name: CRID Acquired: 8/1/2022 12:35:53 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**.0053**	**-.0005**	**-.0005**	**-.0000**	**.0002**	**.0020**	**.0020**
Stddev	.0017	.0014	.0003	.0006	.0002	.0001	.0010	.0001
%RSD	1667.	25.94	54.16	103.3	794.5	45.12	51.90	6.469
#1	-.0017	.0069	-.0008	-.0011	-.0003	.0004	.0012	.0021
#2	-.0004	.0045	-.0005	-.0005	.0001	.0002	.0016	.0018
#3	.0018	.0045	-.0002	.0000	.0001	.0002	.0031	.0020
Check ?	None	Chk Pass	None	None	None	None	Chk Pass	Chk Pass
Value								
Range								

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0004**	**.0086**	**-.0003**
Stddev	.0008	.0002	.0002
%RSD	236.3	2.069	75.75
#1	.0005	.0088	-.0001
#2	-.0006	.0084	-.0005
#3	.0011	.0087	-.0002
Check ?	None	Chk Pass	None
Value			
Range			

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12690.**	**216700.**	**10569.**	**6121.1**
Stddev	18.	3489.	13.	12.1
%RSD	.13855	1.6100	.12771	.19759
#1	12705.	220030.	10567.	6127.9
#2	12693.	217010.	10558.	6128.2
#3	12670.	213070.	10584.	6107.1

Zoom In Zoom Out

Sample Name: ICSA Acquired: 8/1/2022 12:40:54 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0007**	**482.2**	**.0011**	**-.0013**	**-.0478**	**.0002**	**.0095**	**382.9**	**.0010**
Stddev	.0004	4.4	.0004	.0005	.0003	.0001	.0011	2.0	.0003
%RSD	50.36	.9060	37.22	39.61	.6385	33.79	11.89	.5148	29.67
#1	.0008	484.4	.0016	-.0013	-.0480	.0003	.0082	383.1	.0007
#2	.0011	477.1	.0011	-.0017	-.0475	.0002	.0101	380.8	.0011
#3	.0003	485.0	.0007	-.0007	-.0480	.0002	.0102	384.7	.0012
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1092**	**.0003**	**.0025**	**-.0037**	**194.8**	**-.0977**	**-.0121**	**480.1**	**.0078**
Stddev	.0050	.0004	.0002	.0003	.2	.0178	.0034	.3	.0000
%RSD	4.544	148.3	8.705	8.057	.1050	18.25	27.72	.0583	.1218
#1	.1090	-.0002	.0023	-.0037	194.6	-.1112	-.0090	480.1	.0078
#2	.1044	.0007	.0027	-.0034	194.8	-.0775	-.0117	479.8	.0079
#3	.1143	.0004	.0023	-.0040	195.0	-.1043	-.0157	480.4	.0078
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0009**	**-.2323**	**.0007**	**-.0070**	**.0008**	**.0083**	**.0012**	**-.0040**	**-.0133**
Stddev	.0003	.0132	.0001	.0016	.0012	.0023	.0018	.0029	.0032
%RSD	36.54	5.673	10.78	23.03	140.0	27.33	153.3	73.08	23.87
#1	-.0010	-.2274	.0008	-.0055	.0011	.0074	.0027	-.0021	-.0139
#2	-.0011	-.2224	.0007	-.0087	-.0005	.0109	-.0008	-.0073	-.0099
#3	-.0005	-.2473	.0006	-.0067	.0018	.0066	.0016	-.0025	-.0161
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ICSA Acquired: 8/1/2022 12:40:54 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0034**	**-.0015**	**-.0015**	**-.0030**	**-.0032**	**.0019**	**-.0036**	**.0012**
Stddev	.0001	.0001	.0002	.0014	.0004	.0014	.0001	.0001
%RSD	1.747	8.367	12.48	44.75	11.98	74.17	3.133	10.60
#1	-.0033	-.0014	-.0017	-.0025	-.0036	.0003	-.0035	.0011
#2	-.0035	-.0014	-.0014	-.0046	-.0029	.0030	-.0035	.0013
#3	-.0034	-.0017	-.0013	-.0020	-.0031	.0024	-.0037	.0013
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**11096.**	**195920.**	**10282.**	**5538.7**
Stddev	9.	625.	28.	4.3
%RSD	.07999	.31907	.27620	.07697
#1	11099.	195230.	10286.	5537.6
#2	11103.	196090.	10308.	5543.4
#3	11086.	196440.	10252.	5535.2

Zoom In Zoom Out

Sample Name: ICSAB Acquired: 8/1/2022 12:45:57 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.033**	**456.4**	**.9788**	**.4530**	**.4401**	**.4658**	**.4758**	**362.7**	**.9803**
Stddev	.002	2.1	.0079	.0028	.0013	.0010	.0024	.7	.0084
%RSD	.1632	.4613	.8059	.6114	.2926	.2250	.5098	.1811	.8619
#1	1.034	458.3	.9699	.4506	.4404	.4661	.4731	362.4	.9710
#2	1.035	454.1	.9850	.4560	.4387	.4646	.4763	363.5	.9874
#3	1.031	456.8	.9814	.4523	.4412	.4666	.4779	362.3	.9826
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5973**	**.4469**	**.4660**	**.4887**	**220.8**	**-.0732**	**.4763**	**463.8**	**.5051**
Stddev	.0068	.0031	.0005	.0003	.3	.0448	.0037	.6	.0013
%RSD	1.139	.6917	.1048	.0558	.1465	61.25	.7695	.1334	.2571
#1	.6048	.4435	.4663	.4889	220.6	-.0984	.4722	463.1	.5064
#2	.5916	.4496	.4662	.4888	220.5	-.0214	.4792	464.1	.5048
#3	.5955	.4476	.4654	.4884	221.1	-.0998	.4775	464.1	.5039
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4592**	**-.2135**	**.8833**	**.4367**	**.8899**	**.4808**	**.9334**	**.8757**	**.4742**
Stddev	.0041	.0096	.0064	.0021	.0061	.0082	.0048	.0079	.0021
%RSD	.8999	4.490	.7215	.4727	.6882	1.696	.5161	.9053	.4326
#1	.4546	-.2241	.8763	.4350	.8832	.4811	.9280	.8673	.4720
#2	.4625	-.2054	.8887	.4390	.8950	.4888	.9353	.8831	.4745
#3	.4606	-.2111	.8850	.4362	.8916	.4725	.9370	.8767	.4761
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ICSAB Acquired: 8/1/2022 12:45:57 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4492**	**.4551**	**.4618**	**.8405**	**.4708**	**.4654**	**.9030**	**.4381**
Stddev	.0053	.0011	.0008	.0032	.0008	.0037	.0069	.0013
%RSD	1.178	.2428	.1644	.3767	.1742	.8054	.7656	.2911
#1	.4433	.4553	.4612	.8368	.4699	.4611	.8952	.4367
#2	.4535	.4539	.4626	.8420	.4715	.4679	.9084	.4383
#3	.4509	.4561	.4615	.8426	.4712	.4673	.9055	.4392
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**11161.**	**196370.**	**10255.**	**5534.9**
Stddev	68.	603.	37.	35.6
%RSD	.60509	.30696	.36425	.64292
#1	11239.	195690.	10252.	5575.9
#2	11119.	196580.	10220.	5512.7
#3	11125.	196850.	10294.	5516.0

Zoom In Zoom Out

Sample Name: HSTD Acquired: 8/1/2022 12:50:55 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6394**	**-.0577**	**8.057**	**7.953**	**8.032**	**7.800**	**7.770**	**-.0457**	**7.892**
Stddev	.0051	.0143	.011	.009	.076	.182	.004	.0039	.009
%RSD	.7984	24.87	.1299	.1121	.9507	2.332	.0471	8.504	.1198
#1	.6446	-.0695	8.056	7.957	7.954	7.693	7.773	-.0464	7.899
#2	.6344	-.0417	8.068	7.958	8.106	8.010	7.770	-.0492	7.897
#3	.6392	-.0619	8.048	7.942	8.036	7.697	7.766	-.0415	7.882
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.945**	**7.972**	**8.137**	**7.916**	**.1795**	**.3172**	**7.798**	**.1832**	**7.999**
Stddev	.058	.006	.060	.059	.0005	.0320	.012	.0157	.091
%RSD	.7299	.0805	.7368	.7498	.2684	10.08	.1512	8.591	1.138
#1	8.007	7.970	8.204	7.974	.1790	.3008	7.811	.1655	8.067
#2	7.892	7.968	8.088	7.855	.1800	.2968	7.794	.1956	8.033
#3	7.936	7.980	8.119	7.919	.1796	.3541	7.788	.1885	7.896
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	None	Chk Pass	None	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.233**	**.0638**	**7.913**	**7.970**	**8.003**	**102.6**	**8.135**	**7.939**	**26.38**
Stddev	.005	.0207	.002	.005	.003	.1	.006	.006	.01
%RSD	.0587	32.44	.0272	.0651	.0363	.0816	.0764	.0713	.0479
#1	8.235	.0847	7.912	7.976	8.000	102.7	8.142	7.944	26.37
#2	8.236	.0433	7.912	7.966	8.003	102.5	8.132	7.941	26.39
#3	8.227	.0633	7.916	7.969	8.005	102.6	8.132	7.933	26.36
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: HSTD Acquired: 8/1/2022 12:50:55 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.406**	**7.944**	**8.153**	**7.833**	**8.017**	**8.439**	**8.103**	**8.116**
Stddev	.011	.071	.074	.006	.064	.010	.016	.049
%RSD	.1349	.8935	.9063	.0788	.7997	.1148	.1942	.5977
#1	8.412	7.898	8.234	7.839	8.086	8.445	8.114	8.170
#2	8.414	8.026	8.138	7.832	7.959	8.444	8.110	8.099
#3	8.393	7.909	8.089	7.827	8.006	8.428	8.085	8.078
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12532.**	**215040.**	**10557.**	**5920.0**
Stddev	5.	2067.	74.	8.9
%RSD	.04244	.96138	.69799	.15068
#1	12537.	212730.	10616.	5917.2
#2	12527.	216730.	10474.	5912.9
#3	12531.	215650.	10580.	5930.0

Zoom In Zoom Out

Sample Name: HSTD Acquired: 8/1/2022 12:56:41 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**295.8**	**.0013**	**.0031**	**-.0283**	**.0003**	**.0078**	**205.3**	**.0010**
Stddev	.0003	.5	.0015	.0009	.0002	.0001	.0002	.4	.0002
%RSD	397.5	.1716	121.7	29.11	.6766	23.83	1.978	.1725	16.34
#1	.0000	295.9	.0025	.0036	-.0284	.0004	.0078	205.3	.0011
#2	.0004	296.2	-.0004	.0036	-.0281	.0002	.0077	205.6	.0008
#3	-.0002	295.2	.0016	.0021	-.0284	.0003	.0080	204.9	.0011
Check ?	None	Chk Pass	None	None	None	None	None	Chk Pass	None
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1077**	**-.0001**	**.0025**	**-.0022**	**200.6**	**206.4**	**.0173**	**295.8**	**.0080**
Stddev	.0014	.0002	.0002	.0003	.1	.3	.0020	.8	.0001
%RSD	1.309	352.7	8.557	12.40	.0744	.1547	11.26	.2846	.7532
#1	.1092	-.0003	.0024	-.0019	200.6	206.1	.0169	296.5	.0080
#2	.1075	.0001	.0025	-.0022	200.8	206.7	.0194	296.0	.0079
#3	.1064	.0000	.0028	-.0025	200.6	206.5	.0156	294.8	.0080
Check ?	None	None	None	None	Chk Pass	Chk Pass	None	Chk Pass	None
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0037**	**199.2**	**.0010**	**-.0056**	**-.0000**	**.0208**	**.0033**	**-.0024**	**.0098**
Stddev	.0006	.4	.0004	.0020	.0006	.0042	.0014	.0021	.0034
%RSD	16.75	.1862	36.08	35.72	2589.	20.00	42.16	84.72	35.07
#1	.0044	198.8	.0008	-.0038	.0006	.0181	.0019	-.0007	.0124
#2	.0035	199.6	.0014	-.0053	.0000	.0255	.0033	-.0047	.0111
#3	.0032	199.1	.0008	-.0077	-.0007	.0186	.0047	-.0018	.0059
Check ?	None	Chk Pass	None	None	None	None	None	None	None
Value									
Range									

Zoom In Zoom Out

Sample Name: HSTD Acquired: 8/1/2022 12:56:41 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0014**	**-.0007**	**.0006**	**.0038**	**-.0037**	**.0048**	**.0008**	**.0020**
Stddev	.0004	.0001	.0006	.0014	.0002	.0009	.0002	.0003
%RSD	30.67	16.48	106.8	37.31	5.091	19.23	29.01	12.72
#1	-.0018	-.0008	.0010	.0045	-.0036	.0037	.0006	.0023
#2	-.0009	-.0008	.0008	.0047	-.0037	.0050	.0011	.0019
#3	-.0015	-.0006	-.0001	.0022	-.0039	.0055	.0008	.0018
Check ?	None	None	None	None	None	None	None	None
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**11035.**	**197040.**	**10157.**	**5533.4**
Stddev	15.	879.	30.	3.3
%RSD	.13515	.44593	.29739	.05948
#1	11029.	197060.	10187.	5533.8
#2	11052.	196150.	10126.	5529.9
#3	11025.	197900.	10159.	5536.4

Zoom In Zoom Out

Sample Name: FECONF Acquired: 8/1/2022 13:01:32 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **-.0139**	**.0419**	F **-.0038**	**.0013**	**.0003**	**.0001**	**.0240**	**.0041**
Stddev	.0118	.0221	.0020	.0005	.0003	.0002	.0142	.0163
%RSD	84.61	52.82	51.12	36.79	89.40	260.3	59.36	401.3
#1	-.0205	.0574	-.0058	.0010	.0003	.0001	.0328	.0127
#2	-.0003	.0166	-.0019	.0010	.0000	.0003	.0076	-.0148
#3	-.0209	.0518	-.0038	.0018	.0006	-.0002	.0317	.0143

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0018**	**.1068**	**-.0001**	**.0004**	*****	**195.1**	**.0332**	**.0021**
Stddev	.0023	.0015	.0004	.0020	-----	.2	.0158	.0016
%RSD	127.3	1.374	325.6	484.3	-----	.0986	47.63	77.30
#1	-.0030	.1053	-.0004	-.0006	-----	195.3	.0182	.0002
#2	.0008	.1069	.0003	.0027	-.0016	194.9	.0497	.0032
#3	-.0033	.1082	-.0004	-.0008	-----	195.2	.0317	.0029

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0615**	**.0023**	**.0006**	**-.0887**	**.0027**	**-.0059**	**.0059**	**-.0134**
Stddev	.0431	.0043	.0011	.0085	.0019	.0009	.0048	.0144
%RSD	70.13	181.8	177.7	9.593	71.31	15.70	81.27	107.1
#1	-.0119	-.0001	.0000	-.0930	.0036	-.0069	.0092	-.0201
#2	-.0899	.0073	.0018	-.0789	.0005	-.0058	.0004	.0031
#3	-.0828	-.0001	-.0001	-.0942	.0039	-.0050	.0080	-.0232

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0030**	F **-.0316**	**.0051**	**.0003**	**-.0001**	**.0006**	F **-.0068**	**.0046**
Stddev	.0078	.0275	.0008	.0007	.0000	.0003	.0049	.0073
%RSD	261.9	86.91	15.66	239.3	57.60	49.82	71.53	159.2
#1	-.0077	-.0488	.0057	.0010	-.0001	.0008	-.0089	.0090
#2	.0060	.0001	.0053	-.0004	-.0000	.0006	-.0013	-.0038
#3	-.0073	-.0462	.0042	.0002	-.0001	.0003	-.0104	.0086

Zoom In Zoom Out

Sample Name: FECONF Acquired: 8/1/2022 13:01:32 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0014**	**-.0009**	**-.0055**
Stddev	.0006	.0016	.0060
%RSD	43.19	183.1	108.5
#1	.0019	.0001	-.0088
#2	.0007	-.0027	.0014
#3	.0016	.0000	-.0091

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12689.**	**216460.**	**10405.**	**5990.8**
Stddev	31.	499.	21.	13.1
%RSD	.24215	.23071	.20006	.21867
#1	12692.	216160.	10429.	5995.9
#2	12657.	216180.	10395.	5975.9
#3	12718.	217030.	10391.	6000.5

Zoom In Zoom Out

Sample Name: CRCONF Acquired: 8/1/2022 13:06:27 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0013**	**.0281**	**-.0011**	**.0022**	**.0004**	**.0001**	**.0056**	**.0208**	**.0003**
Stddev	.0007	.0067	.0014	.0002	.0004	.0001	.0007	.0043	.0001
%RSD	52.58	23.84	127.8	9.948	109.4	144.3	12.54	20.56	52.97
#1	-.0010	.0318	.0003	.0024	-.0001	.0002	.0063	.0200	.0002
#2	-.0008	.0321	-.0011	.0022	.0006	-.0000	.0049	.0169	.0004
#3	-.0020	.0204	-.0025	.0019	.0007	.0001	.0056	.0254	.0002

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0069**	**-.0005**	F **9.577**	**-.0007**	**.0157**	**-.0257**	**.0029**	**-.0262**	**.0007**
Stddev	.0034	.0001	.086	.0003	.0052	.0132	.0039	.0210	.0000
%RSD	49.07	23.89	.8945	39.66	33.33	51.28	132.7	80.24	1.565
#1	-.0043	-.0004	9.548	-.0011	.0163	-.0366	.0019	-.0050	.0007
#2	-.0107	-.0006	9.674	-.0006	.0102	-.0111	-.0004	-.0469	.0007
#3	-.0056	-.0005	9.510	-.0005	.0207	-.0293	.0072	-.0266	.0007

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008**	**-.1444**	**-.0001**	**-.0021**	**.0017**	**-.0056**	**.0075**	**-.0017**	**.0089**
Stddev	.0001	.0147	.0002	.0003	.0012	.0013	.0005	.0014	.0011
%RSD	13.04	10.17	110.2	14.51	68.73	24.16	6.550	78.44	12.85
#1	.0010	-.1614	-.0000	-.0021	.0012	-.0071	.0069	-.0029	.0087
#2	.0008	-.1356	-.0001	-.0019	.0030	-.0045	.0076	-.0022	.0102
#3	.0007	-.1362	-.0003	-.0025	.0009	-.0051	.0079	-.0002	.0079

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0012**	**.0001**	**-.0043**	**-.0002**	**-.0002**	**.0031**	**-.0075**	**-.0006**
Stddev	.0002	.0000	.0004	.0022	.0004	.0016	.0001	.0001
%RSD	19.85	46.69	9.416	945.3	209.3	51.03	.9967	12.71
#1	-.0014	.0001	-.0042	.0007	-.0007	.0032	-.0075	-.0007
#2	-.0013	.0001	-.0040	-.0027	.0002	.0047	-.0074	-.0006
#3	-.0009	.0000	-.0048	.0013	-.0001	.0015	-.0075	-.0005

Zoom In Zoom Out

Sample Name: CRCONF Acquired: 8/1/2022 13:06:27 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12615.**	**218370.**	**10322.**	**5936.7**
Stddev	12.	611.	56.	10.5
%RSD	.09156	.27992	.54578	.17660
#1	12602.	217800.	10325.	5924.7
#2	12620.	218290.	10378.	5941.3
#3	12624.	219010.	10265.	5944.2

Zoom In Zoom Out

Sample Name: ASCONF Acquired: 8/1/2022 13:11:33 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0011**	**.0225**	**5.265**	**.0024**	**.0001**	**-.0001**	**.0003**	**-.0042**
Stddev	.0001	.0252	.006	.0005	.0004	.0002	.0011	.0034
%RSD	11.06	111.8	.1155	19.54	276.0	162.1	388.0	80.47
#1	-.0012	.0103	5.266	.0019	.0004	-.0003	.0004	-.0064
#2	-.0012	.0514	5.271	.0023	-.0003	.0000	-.0009	-.0003
#3	-.0009	.0058	5.259	.0029	.0003	-.0001	.0014	-.0059

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010**	**-.0022**	**-.0002**	**.0001**	**.0006**	**.0010**	**-.0522**	**.0047**
Stddev	.0001	.0038	.0001	.0001	.0005	.0021	.0216	.0027
%RSD	7.761	174.4	40.38	93.65	78.96	214.9	41.37	57.07
#1	.0010	-.0060	-.0002	.0002	.0011	-.0014	-.0532	.0055
#2	.0011	.0016	-.0002	.0003	.0004	.0027	-.0301	.0017
#3	.0011	-.0021	-.0001	-.0000	.0002	.0017	-.0732	.0069

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0477**	**.0001**	**.0002**	**-.1620**	**.0003**	**-.0004**	**-.0009**	**-.0036**
Stddev	.0140	.0000	.0004	.0119	.0003	.0006	.0006	.0029
%RSD	29.46	45.69	232.5	7.350	100.6	148.7	63.83	80.94
#1	-.0595	.0001	.0004	-.1532	-.0000	-.0011	-.0004	-.0059
#2	-.0514	.0001	.0004	-.1573	.0006	.0002	-.0016	-.0046
#3	-.0321	.0001	-.0003	-.1756	.0003	-.0004	-.0008	-.0003

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0051**	**.0016**	**.0024**	**.0001**	**-.0000**	**.0000**	F **-.0027**	**.0006**
Stddev	.0022	.0022	.0013	.0007	.0002	.0000	.0025	.0003
%RSD	42.61	135.1	52.56	983.6	508.5	320.0	92.26	45.39
#1	.0031	.0002	.0038	-.0007	-.0002	.0000	-.0018	.0009
#2	.0049	.0041	.0020	.0007	-.0001	-.0000	-.0054	.0006
#3	.0074	.0005	.0014	.0002	.0002	.0001	-.0007	.0003

Zoom In Zoom Out

Sample Name: ASCONF Acquired: 8/1/2022 13:11:33 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0013**	**-.0016**	**.0001**
Stddev	.0008	.0001	.0000
%RSD	60.28	7.036	58.04
#1	.0004	-.0017	.0001
#2	.0017	-.0017	.0001
#3	.0019	-.0015	.0000

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12648.**	**219100.**	**10462.**	**6061.7**
Stddev	15.	1614.	21.	9.9
%RSD	.12115	.73669	.19785	.16410
#1	12631.	217260.	10442.	6051.3
#2	12659.	220250.	10461.	6062.8
#3	12656.	219800.	10483.	6071.1

Zoom In Zoom Out

Sample Name: CCV Acquired: 8/1/2022 13:16:30 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2466**	**37.38**	**1.998**	**1.951**	**1.949**	**1.913**	**2.015**	**38.22**	**1.913**
Stddev	.0004	.11	.005	.001	.004	.004	.002	.09	.001
%RSD	.1566	.3000	.2667	.0407	.1842	.1946	.0741	.2274	.0653
#1	.2468	37.43	1.999	1.951	1.947	1.914	2.015	38.23	1.912
#2	.2467	37.25	1.992	1.951	1.947	1.909	2.016	38.13	1.914
#3	.2461	37.46	2.003	1.952	1.953	1.916	2.013	38.31	1.913
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.975**	**1.928**	**1.939**	**1.920**	**38.61**	**38.73**	**1.966**	**38.12**	**1.967**
Stddev	.006	.001	.003	.003	.12	.14	.006	.17	.017
%RSD	.3226	.0672	.1320	.1661	.3112	.3641	.3264	.4511	.8378
#1	1.975	1.927	1.937	1.917	38.52	38.62	1.964	38.04	1.952
#2	1.968	1.929	1.942	1.923	38.56	38.68	1.961	38.00	1.985
#3	1.981	1.928	1.939	1.920	38.75	38.89	1.973	38.32	1.965
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.019**	**38.37**	**1.927**	**1.964**	**1.918**	**2.006**	**1.999**	**1.933**	**4.893**
Stddev	.001	.10	.001	.007	.001	.004	.003	.005	.004
%RSD	.0639	.2627	.0351	.3604	.0312	.1773	.1312	.2811	.0749
#1	2.018	38.36	1.927	1.957	1.918	2.010	1.997	1.927	4.893
#2	2.021	38.27	1.927	1.965	1.918	2.003	2.002	1.937	4.897
#3	2.019	38.47	1.926	1.971	1.917	2.006	1.997	1.935	4.890
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: CCV Acquired: 8/1/2022 13:16:30 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.040**	**1.940**	**2.017**	**1.881**	**1.934**	**1.988**	**1.934**	**2.031**
Stddev	.003	.003	.001	.003	.002	.001	.002	.000
%RSD	.1256	.1646	.0475	.1600	.0834	.0491	.1110	.0200
#1	2.041	1.937	2.016	1.881	1.934	1.986	1.935	2.031
#2	2.037	1.940	2.017	1.883	1.932	1.988	1.931	2.032
#3	2.042	1.943	2.018	1.877	1.935	1.988	1.935	2.031
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**11928.**	**210060.**	**10348.**	**5868.8**
Stddev	25.	1053.	123.	17.0
%RSD	.21169	.50127	1.1899	.28888
#1	11908.	210960.	10460.	5860.1
#2	11957.	208900.	10368.	5888.3
#3	11919.	210310.	10216.	5857.9

Zoom In Zoom Out

Sample Name: CCB Acquired: 8/1/2022 13:21:22 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0010**	**.0159**	**.0001**	**.0025**	**.0002**	**.0000**	**-.0001**	**-.0002**	**.0002**
Stddev	.0003	.0226	.0018	.0015	.0001	.0002	.0014	.0013	.0001
%RSD	33.44	142.2	2295.	59.00	52.09	544.6	1150.	617.2	29.91
#1	-.0006	.0206	-.0014	.0032	.0001	-.0002	-.0017	-.0009	.0002
#2	-.0012	.0358	.0020	.0036	.0003	.0001	.0004	.0013	.0002
#3	-.0012	-.0087	-.0003	.0008	.0001	.0001	.0009	-.0010	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0020**	**.0001**	**.0001**	**.0007**	**.0023**	**-.0170**	**-.0008**	**-.0214**	**.0001**
Stddev	.0010	.0002	.0001	.0002	.0006	.0491	.0024	.0305	.0000
%RSD	49.90	288.8	103.0	23.31	25.35	288.7	289.3	142.7	45.64
#1	-.0030	-.0001	.0001	.0009	.0023	-.0376	.0018	.0135	.0001
#2	-.0010	.0001	.0000	.0006	.0017	.0390	-.0029	-.0431	.0001
#3	-.0021	.0002	.0000	.0006	.0029	-.0524	-.0013	-.0345	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009**	**-.1670**	**-.0001**	**-.0019**	**-.0009**	**-.0034**	**-.0003**	**.0025**	**-.0003**
Stddev	.0003	.0098	.0002	.0007	.0008	.0047	.0017	.0022	.0013
%RSD	34.22	5.861	350.1	37.06	86.75	139.6	604.4	89.21	482.4
#1	.0007	-.1774	.0002	-.0011	-.0002	.0016	-.0018	.0042	.0012
#2	.0013	-.1579	-.0002	-.0022	-.0007	-.0078	.0016	.0034	-.0012
#3	.0008	-.1657	-.0002	-.0024	-.0018	-.0038	-.0006	-.0000	-.0008
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: CCB Acquired: 8/1/2022 13:21:22 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**.0000**	**.0003**	**-.0011**	**.0006**	**.0003**	**-.0006**	**.0001**
Stddev	.0003	.0000	.0003	.0031	.0003	.0005	.0002	.0002
%RSD	100.1	168.8	99.67	292.3	57.07	139.5	37.27	155.9
#1	.0000	.0000	.0006	-.0009	.0002	.0009	-.0009	.0001
#2	-.0003	-.0000	.0003	-.0042	.0007	.0000	-.0006	.0003
#3	-.0005	.0000	.0000	.0020	.0008	.0001	-.0004	-.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12647.**	**218640.**	**10371.**	**6048.6**
Stddev	28.	1030.	48.	21.6
%RSD	.22123	.47085	.46763	.35649
#1	12678.	219450.	10318.	6069.8
#2	12624.	219000.	10381.	6026.7
#3	12639.	217480.	10413.	6049.3

Zoom In Zoom Out

Sample Name: crid Acquired: 8/1/2022 13:26:22 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0011**	**.1114**	**.0027**	**.0020**	**.0041**	**.0008**	**-.0003**	**.9787**
Stddev	.0002	.0256	.0007	.0004	.0004	.0002	.0002	.0023
%RSD	16.56	22.94	24.61	20.18	8.727	24.18	52.57	.2390
#1	-.0013	.1250	.0034	.0016	.0037	.0008	-.0002	.9810
#2	-.0010	.1273	.0023	.0020	.0042	.0011	-.0005	.9763
#3	-.0009	.0819	.0022	.0024	.0044	.0006	-.0002	.9789
Check ?	None	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	None	Chk Pass
Value								
Range								

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010**	F **-.0028**	**.0027**	**.0017**	**.0004**	**.0067**	**1.839**	**.0014**
Stddev	.0001	.0012	.0001	.0002	.0001	.0045	.011	.0004
%RSD	6.236	43.98	4.086	9.595	23.04	66.98	.5805	32.07
#1	.0009	-.0014	.0026	.0015	.0003	.0032	1.839	.0009
#2	.0010	-.0038	.0028	.0018	.0005	.0051	1.850	.0018
#3	.0011	-.0032	.0026	.0017	.0005	.0118	1.829	.0015
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	None	None	Chk Pass	None
Value		.0040						
Range		-20.00%						

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **.0760**	**.0030**	**.0002**	F **.7770**	**.0035**	**-.0005**	**.0004**	**-.0057**
Stddev	.0078	.0000	.0002	.0093	.0004	.0013	.0007	.0034
%RSD	10.23	1.309	140.1	1.196	11.27	272.4	192.2	59.96
#1	.0795	.0030	.0003	.7755	.0040	.0004	.0005	-.0094
#2	.0814	.0030	.0004	.7686	.0032	.0001	.0010	-.0049
#3	.0671	.0029	-.0001	.7870	.0034	-.0020	-.0004	-.0027
Check ?	Chk Fail	Chk Pass	None	Chk Fail	Chk Pass	None	None	None
Value	.1000			1.000				
Range	-20.00%			-20.00%				

Zoom In Zoom Out

Sample Name: crid Acquired: 8/1/2022 13:26:22 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0006**	**.0058**	**-.0016**	**-.0006**	**-.0000**	**.0002**	**.0018**	**.0020**
Stddev	.0009	.0019	.0013	.0007	.0001	.0002	.0014	.0006
%RSD	143.0	33.03	84.44	106.2	281.4	111.2	76.17	29.77
#1	-.0016	.0064	-.0000	.0001	.0001	.0004	.0034	.0020
#2	.0002	.0074	-.0024	-.0007	-.0001	-.0000	.0014	.0026
#3	-.0005	.0037	-.0023	-.0012	-.0000	.0002	.0007	.0014
Check ?	None	Chk Pass	None	None	None	None	Chk Pass	Chk Pass
Value								
Range								

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**-.0002**	F **.0134**	**-.0001**
Stddev	.0015	.0002	.0001
%RSD	655.7	1.287	69.30
#1	.0009	.0133	-.0001
#2	.0004	.0133	-.0000
#3	-.0019	.0136	-.0002
Check ?	None	Chk Fail	None
Value		.0100	
Range		20.00%	

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12591.**	**217780.**	**10371.**	**6025.8**
Stddev	24.	856.	73.	15.7
%RSD	.18943	.39323	.70535	.26107
#1	12596.	217510.	10446.	6034.9
#2	12612.	217090.	10366.	6034.8
#3	12565.	218740.	10300.	6007.6

Zoom In Zoom Out

Sample Name: sampleconf Acquired: 8/1/2022 13:31:17 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0037**	**.2000**	**.0076**	**.0942**	**.1961**	**.0019**	**.0222**	**4.998**	**.0033**
Stddev	.0009	.0147	.0002	.0002	.0006	.0001	.0012	.010	.0001
%RSD	24.78	7.373	2.914	.2511	.3042	4.104	5.534	.1985	4.049
#1	.0046	.2026	.0078	.0941	.1955	.0019	.0232	4.991	.0031
#2	.0036	.2134	.0074	.0941	.1960	.0018	.0208	5.009	.0034
#3	.0028	.1842	.0076	.0945	.1967	.0019	.0225	4.994	.0033

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**.0469**	**.0095**	**.0094**	**.1086**	**4.872**	**.0539**	**4.963**	**.0151**
Stddev	.0017	.0002	.0002	.0004	.0031	.029	.0009	.027	.0001
%RSD	746.4	.3891	2.103	4.084	2.818	.5947	1.673	.5453	.3772
#1	.0018	.0467	.0095	.0098	.1094	4.891	.0532	4.994	.0152
#2	-.0016	.0469	.0097	.0090	.1112	4.839	.0549	4.944	.0151
#3	.0005	.0470	.0093	.0093	.1053	4.887	.0536	4.951	.0151

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0204**	**4.769**	**.0095**	**.0467**	**.0014**	**.0474**	**.0055**	**.0118**	**.1916**
Stddev	.0002	.004	.0003	.0004	.0001	.0017	.0013	.0005	.0025
%RSD	.8764	.0859	2.861	.9306	8.592	3.564	23.87	4.269	1.326
#1	.0203	4.771	.0096	.0472	.0015	.0468	.0064	.0115	.1944
#2	.0204	4.770	.0096	.0466	.0015	.0493	.0060	.0116	.1910
#3	.0206	4.764	.0091	.0463	.0013	.0461	.0040	.0124	.1894

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0102**	**.0096**	**.0098**	**.0073**	**.0456**	**.0496**	**.0189**	**.0127**
Stddev	.0001	.0002	.0003	.0003	.0003	.0010	.0001	.0004
%RSD	.7639	2.161	3.428	3.655	.5568	2.041	.3820	3.204
#1	.0101	.0095	.0097	.0072	.0454	.0503	.0190	.0132
#2	.0102	.0099	.0102	.0076	.0457	.0484	.0188	.0126
#3	.0101	.0095	.0095	.0071	.0459	.0500	.0189	.0124

Zoom In Zoom Out

Sample Name: sampleconf Acquired: 8/1/2022 13:31:17 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12440.**	**216380.**	**10308.**	**5991.0**
Stddev	19.	822.	98.	11.9
%RSD	.15250	.37989	.94852	.19797
#1	12443.	215520.	10222.	5988.9
#2	12457.	217160.	10414.	6003.8
#3	12419.	216460.	10287.	5980.3

Zoom In Zoom Out

Sample Name: mp34316-mb1 Acquired: 8/1/2022 13:36:09 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0015**	**.0549**	**.0002**	**.0082**	**.0007**	**.0001**	**.0018**	**.1408**	**.0002**
Stddev	.0003	.0065	.0007	.0005	.0001	.0001	.0003	.0051	.0001
%RSD	17.56	11.79	443.7	5.647	11.78	253.4	16.19	3.618	35.10
#1	-.0012	.0537	.0008	.0081	.0007	-.0001	.0017	.1463	.0003
#2	-.0015	.0492	.0002	.0087	.0006	.0000	.0021	.1398	.0001
#3	-.0017	.0619	-.0005	.0078	.0008	.0002	.0015	.1362	.0002

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0030**	**.0001**	**.0016**	**.0020**	**.0414**	**-.0397**	**.0006**	**.0152**	**.0009**
Stddev	.0041	.0004	.0003	.0002	.0047	.0480	.0011	.0341	.0000
%RSD	134.0	527.1	18.21	11.44	11.39	121.1	182.8	224.4	2.261
#1	-.0058	-.0001	.0015	.0021	.0360	-.0920	-.0006	-.0125	.0009
#2	.0016	.0005	.0014	.0017	.0448	.0023	.0009	.0532	.0010
#3	-.0050	-.0002	.0019	.0021	.0433	-.0293	.0016	.0048	.0009

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**-.0816**	**.0006**	**.0230**	**.0002**	**.0118**	**-.0008**	**-.0005**	**.0162**
Stddev	.0002	.0053	.0002	.0006	.0010	.0026	.0004	.0016	.0006
%RSD	25.65	6.525	33.66	2.670	433.8	22.01	45.19	335.9	3.902
#1	.0004	-.0810	.0004	.0235	.0014	.0129	-.0012	-.0013	.0164
#2	.0007	-.0766	.0006	.0223	-.0001	.0089	-.0006	-.0015	.0166
#3	.0006	-.0872	.0009	.0232	-.0006	.0137	-.0006	.0014	.0154

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0175**	**.0006**	**.0011**	**-.0006**	**.0001**	**.0003**	**.0116**	**.0003**
Stddev	.0005	.0001	.0005	.0016	.0004	.0004	.0000	.0000
%RSD	3.096	19.90	43.83	283.1	350.4	133.9	.2091	9.197
#1	.0176	.0005	.0013	-.0007	.0003	-.0000	.0116	.0003
#2	.0179	.0006	.0015	.0011	-.0003	.0008	.0116	.0003
#3	.0169	.0008	.0006	-.0021	.0003	.0002	.0116	.0004

Zoom In Zoom Out

Sample Name: mp34316-mb1 Acquired: 8/1/2022 13:36:09 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12675.**	**219080.**	**10554.**	**6100.1**
Stddev	36.	2163.	75.	16.3
%RSD	.28400	.98735	.71345	.26646
#1	12661.	216600.	10509.	6096.2
#2	12648.	220550.	10641.	6086.2
#3	12716.	220100.	10513.	6118.0

Zoom In Zoom Out

Sample Name: mp34316-b1 Acquired: 8/1/2022 13:41:06 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2396**	**24.21**	**1.917**	**1.823**	**1.899**	**1.870**	**.0280**	**24.75**
Stddev	.0003	.08	.002	.002	.004	.003	.0007	.04
%RSD	.1430	.3213	.1246	.1235	.2034	.1823	2.635	.1794
#1	.2394	24.29	1.919	1.826	1.902	1.874	.0272	24.80
#2	.2400	24.14	1.917	1.822	1.900	1.868	.0287	24.74
#3	.2395	24.21	1.914	1.822	1.894	1.868	.0281	24.71

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.828**	**-.0363**	**1.863**	**1.876**	**1.871**	**25.11**	**24.85**	**.0480**
Stddev	.001	.0051	.002	.003	.002	.09	.09	.0013
%RSD	.0368	13.95	.1274	.1393	.0886	.3609	.3672	2.662
#1	1.829	-.0416	1.866	1.878	1.870	25.21	24.90	.0493
#2	1.828	-.0315	1.861	1.877	1.873	25.08	24.90	.0480
#3	1.829	-.0357	1.863	1.873	1.872	25.03	24.75	.0468

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**24.66**	**1.904**	**1.948**	**24.74**	**1.859**	**1.895**	**1.849**	F **-.1030**
Stddev	.07	.027	.001	.05	.004	.001	.004	.0013
%RSD	.2938	1.395	.0544	.1826	.1966	.0446	.2306	1.302
#1	24.71	1.928	1.948	24.77	1.863	1.896	1.854	-.1034
#2	24.69	1.875	1.947	24.76	1.855	1.894	1.845	-.1015
#3	24.57	1.907	1.949	24.69	1.860	1.896	1.849	-.1041

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.918**	**1.832**	**.0831**	**1.995**	**1.890**	**1.957**	**1.840**	**1.857**
Stddev	.001	.005	.0016	.000	.004	.001	.008	.002
%RSD	.0543	.2975	1.946	.0207	.2280	.0541	.4341	.1282
#1	1.919	1.836	.0833	1.995	1.893	1.956	1.843	1.858
#2	1.917	1.826	.0846	1.995	1.891	1.958	1.831	1.859
#3	1.918	1.833	.0814	1.995	1.885	1.958	1.846	1.854

Zoom In Zoom Out

Sample Name: mp34316-b1 Acquired: 8/1/2022 13:41:06 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**1.445**	**1.867**	**1.964**
Stddev	.007	.003	.001
%RSD	.4661	.1755	.0497
#1	1.440	1.870	1.963
#2	1.443	1.864	1.965
#3	1.453	1.868	1.964

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12103.**	**212420.**	**10372.**	**5923.9**
Stddev	22.	842.	49.	14.8
%RSD	.17839	.39647	.46874	.24962
#1	12120.	211580.	10327.	5937.9
#2	12079.	212420.	10365.	5908.4
#3	12109.	213270.	10423.	5925.4

Zoom In Zoom Out

Sample Name: mp34316-s1 Acquired: 8/1/2022 13:45:55 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2435**	**119.2**	**1.901**	**1.766**	**2.077**	**1.858**	**.0265**	**27.03**	**1.818**
Stddev	.0002	.2	.001	.002	.003	.006	.0004	.05	.000
%RSD	.0765	.1540	.0633	.0985	.1431	.3248	1.615	.1846	.0243
#1	.2433	119.3	1.900	1.768	2.079	1.858	.0262	27.04	1.818
#2	.2436	119.4	1.903	1.765	2.079	1.863	.0270	27.07	1.818
#3	.2437	119.0	1.901	1.764	2.074	1.851	.0262	26.97	1.819

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1777**	**1.859**	**1.955**	**1.916**	**80.43**	**30.85**	**.0862**	**31.13**	**2.052**
Stddev	.0031	.003	.003	.004	.10	.01	.0010	.06	.020
%RSD	1.770	.1431	.1517	.2033	.1258	.0441	1.177	.1881	.9834
#1	.1758	1.861	1.953	1.913	80.53	30.87	.0867	31.13	2.036
#2	.1813	1.856	1.955	1.915	80.44	30.84	.0868	31.19	2.046
#3	.1759	1.860	1.958	1.921	80.33	30.84	.0850	31.07	2.075

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.885**	**24.87**	**1.881**	**2.558**	**1.878**	**.2093**	**1.328**	**1.803**	**1.944**
Stddev	.001	.01	.003	.004	.004	.0033	.001	.004	.006
%RSD	.0588	.0350	.1671	.1476	.2125	1.598	.0826	.2104	.3191
#1	1.883	24.86	1.882	2.556	1.881	.2130	1.329	1.799	1.951
#2	1.885	24.87	1.877	2.563	1.873	.2064	1.327	1.803	1.941
#3	1.886	24.87	1.883	2.556	1.879	.2086	1.327	1.806	1.940

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.911**	**1.906**	**2.883**	**1.838**	**1.968**	**1.096**	**1.927**	**1.938**
Stddev	.001	.003	.004	.006	.003	.005	.002	.004
%RSD	.0520	.1548	.1249	.3164	.1751	.4199	.0993	.2129
#1	1.911	1.907	2.880	1.835	1.967	1.090	1.927	1.935
#2	1.910	1.909	2.881	1.833	1.966	1.098	1.925	1.938
#3	1.912	1.903	2.887	1.844	1.972	1.098	1.929	1.943

Zoom In Zoom Out

Sample Name: mp34316-s1 Acquired: 8/1/2022 13:45:55 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12024.**	**210670.**	**10466.**	**5955.0**
Stddev	14.	343.	143.	1.4
%RSD	.11405	.16263	1.3633	.02340
#1	12025.	210470.	10560.	5956.5
#2	12037.	211060.	10537.	5953.7
#3	12010.	210470.	10302.	5954.8

Zoom In Zoom Out

Sample Name: mp34316-s2 Acquired: 8/1/2022 13:50:43 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2424**	**127.7**	**1.892**	**1.764**	**2.088**	**1.859**	**.0272**	**26.91**	**1.821**
Stddev	.0004	.2	.004	.005	.001	.002	.0020	.01	.005
%RSD	.1758	.1222	.2311	.2716	.0460	.0989	7.256	.0495	.2709
#1	.2424	127.6	1.887	1.759	2.089	1.857	.0278	26.90	1.815
#2	.2429	127.6	1.895	1.764	2.088	1.861	.0288	26.91	1.821
#3	.2420	127.9	1.893	1.768	2.087	1.859	.0250	26.93	1.825

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1832**	**1.865**	**1.965**	**1.920**	**85.60**	**31.08**	**.0908**	**31.50**	**2.072**
Stddev	.0046	.005	.007	.006	.10	.05	.0019	.05	.005
%RSD	2.490	.2551	.3373	.3078	.1161	.1608	2.136	.1535	.2457
#1	.1830	1.859	1.973	1.926	85.71	31.14	.0908	31.55	2.078
#2	.1879	1.866	1.962	1.920	85.52	31.04	.0928	31.45	2.069
#3	.1788	1.868	1.961	1.914	85.57	31.06	.0889	31.50	2.070

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.875**	**24.66**	**1.884**	**2.550**	**1.881**	**.2097**	**1.270**	**1.805**	**1.951**
Stddev	.005	.03	.006	.005	.006	.0060	.003	.008	.006
%RSD	.2679	.1196	.3057	.1934	.3122	2.858	.2466	.4294	.3344
#1	1.871	24.69	1.877	2.545	1.878	.2132	1.266	1.797	1.950
#2	1.875	24.63	1.886	2.550	1.877	.2028	1.272	1.806	1.958
#3	1.881	24.65	1.888	2.555	1.887	.2131	1.270	1.813	1.945

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.903**	**1.910**	**2.943**	**1.833**	**1.987**	**1.071**	**1.936**	**1.947**
Stddev	.005	.002	.013	.007	.008	.008	.005	.008
%RSD	.2674	.1203	.4367	.4097	.4091	.7372	.2809	.3889
#1	1.898	1.913	2.958	1.825	1.996	1.063	1.931	1.955
#2	1.902	1.909	2.938	1.836	1.981	1.072	1.935	1.947
#3	1.908	1.909	2.934	1.839	1.985	1.078	1.941	1.940

Zoom In Zoom Out

Sample Name: mp34316-s2 Acquired: 8/1/2022 13:50:43 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12027.**	**211980.**	**10561.**	**5950.9**
Stddev	25.	244.	8.	19.4
%RSD	.20685	.11532	.07935	.32569
#1	12018.	212270.	10553.	5942.6
#2	12055.	211840.	10569.	5973.1
#3	12007.	211850.	10560.	5937.1

Zoom In Zoom Out

Sample Name: jd48941-9 Acquired: 8/1/2022 13:55:32 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0007**	**72.53**	**.0181**	**.0184**	**.1367**	**.0017**	**-.0017**	**2.515**	**.0011**
Stddev	.0004	.12	.0016	.0010	.0004	.0001	.0008	.003	.0001
%RSD	51.04	.1660	8.629	5.378	.2976	6.801	47.71	.1138	12.74
#1	-.0003	72.62	.0193	.0173	.1371	.0015	-.0011	2.513	.0010
#2	-.0010	72.39	.0186	.0192	.1363	.0016	-.0027	2.515	.0012
#3	-.0008	72.56	.0163	.0187	.1369	.0018	-.0014	2.518	.0011

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2030**	**.0119**	**.0717**	**.0686**	**55.70**	**3.093**	**.0480**	**5.693**	**.1847**
Stddev	.0013	.0003	.0001	.0004	.08	.047	.0010	.025	.0004
%RSD	.6630	2.223	.0979	.6504	.1499	1.511	2.188	.4402	.2047
#1	.2018	.0121	.0716	.0691	55.79	3.040	.0470	5.664	.1846
#2	.2026	.0116	.0717	.0682	55.62	3.109	.0477	5.711	.1844
#3	.2044	.0120	.0718	.0684	55.71	3.129	.0491	5.703	.1851

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0044**	**-.0406**	**.0305**	**.7783**	**.0429**	**.2998**	**.0015**	**.0028**	**.9825**
Stddev	.0004	.0051	.0003	.0011	.0001	.0037	.0012	.0017	.0062
%RSD	9.118	12.61	.9877	.1427	.1922	1.231	80.81	60.43	.6316
#1	.0049	-.0402	.0308	.7777	.0429	.3022	.0026	.0014	.9892
#2	.0042	-.0459	.0306	.7776	.0429	.2955	.0015	.0024	.9815
#3	.0042	-.0357	.0302	.7795	.0430	.3016	.0003	.0047	.9769

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0166**	**.0228**	**1.055**	**-.0007**	**.1012**	**.0244**	**.0942**	**.0219**
Stddev	.0005	.0001	.001	.0019	.0006	.0011	.0003	.0004
%RSD	2.822	.2626	.0513	275.5	.5530	4.646	.2701	1.867
#1	.0168	.0227	1.055	.0015	.1014	.0256	.0939	.0223
#2	.0160	.0228	1.055	-.0019	.1017	.0244	.0943	.0220
#3	.0169	.0229	1.054	-.0018	.1006	.0233	.0944	.0215

Zoom In Zoom Out

Sample Name: jd48941-9 Acquired: 8/1/2022 13:55:32 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12426.**	**215540.**	**10566.**	**6098.8**
Stddev	13.	494.	49.	6.8
%RSD	.10529	.22911	.46222	.11230
#1	12419.	216070.	10615.	6095.0
#2	12418.	215100.	10518.	6094.8
#3	12441.	215450.	10564.	6106.7

Zoom In Zoom Out

Sample Name: mp34316-sd1 Acquired: 8/1/2022 14:00:20 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0063**	**71.36**	**.0211**	**.0244**	**.1344**	**.0017**	**.0066**	**2.601**
Stddev	.0017	.03	.0007	.0026	.0012	.0011	.0077	.008
%RSD	26.17	.0362	3.286	10.77	.8644	63.63	116.2	.2948
#1	-.0044	71.38	.0215	.0264	.1349	.0008	.0148	2.607
#2	-.0075	71.37	.0203	.0214	.1353	.0030	-.0004	2.604
#3	-.0070	71.33	.0214	.0253	.1331	.0014	.0054	2.593

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0014**	**.1897**	**.0111**	**.0692**	**.0679**	**55.29**	**2.674**	**.0586**
Stddev	.0006	.0212	.0004	.0011	.0026	.32	.133	.0016
%RSD	39.36	11.15	3.718	1.610	3.893	.5808	4.966	2.781
#1	.0009	.1667	.0107	.0681	.0650	55.65	2.621	.0571
#2	.0014	.2084	.0110	.0691	.0700	55.03	2.825	.0585
#3	.0020	.1939	.0115	.0703	.0688	55.18	2.576	.0603

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.653**	**.1802**	**.0068**	**-.8636**	**.0302**	**.7468**	**.0399**	**.2810**
Stddev	.046	.0003	.0008	.0467	.0013	.0064	.0017	.0135
%RSD	.8101	.1481	12.06	5.407	4.240	.8626	4.346	4.803
#1	5.602	.1799	.0074	-.9046	.0307	.7490	.0384	.2700
#2	5.690	.1802	.0072	-.8128	.0288	.7395	.0418	.2769
#3	5.667	.1804	.0059	-.8734	.0312	.7518	.0396	.2961

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0051**	**.0086**	**.9492**	**.0162**	**.0226**	**.9930**	F **-.0109**	**.0992**
Stddev	.0013	.0095	.0039	.0044	.0004	.0097	.0087	.0019
%RSD	25.30	110.5	.4097	27.11	1.630	.9805	79.79	1.944
#1	-.0036	.0170	.9537	.0202	.0224	.9901	-.0009	.0973
#2	-.0056	.0104	.9468	.0169	.0230	.9850	-.0164	.0991
#3	-.0061	-.0017	.9471	.0115	.0223	1.004	-.0155	.1012

Zoom In Zoom Out

Sample Name: mp34316-sd1 Acquired: 8/1/2022 14:00:20 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0881**	**.1250**	**.0214**
Stddev	.0040	.0008	.0007
%RSD	4.490	.6526	3.379
#1	.0926	.1250	.0206
#2	.0853	.1258	.0214
#3	.0864	.1241	.0221

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12546.**	**216500.**	**10390.**	**6075.1**
Stddev	24.	1349.	64.	17.5
%RSD	.19107	.62317	.61341	.28778
#1	12527.	217050.	10318.	6058.1
#2	12537.	217490.	10412.	6074.0
#3	12573.	214960.	10439.	6093.1

Zoom In Zoom Out

Sample Name: mp34316-ps1 Acquired: 8/1/2022 14:05:16 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2501**	**95.41**	**1.980**	**1.963**	**2.110**	**1.936**	**.0261**	**28.53**	**1.930**
Stddev	.0031	.26	.004	.002	.002	.002	.0009	.06	.003
%RSD	1.225	.2699	.1911	.1244	.0827	.1036	3.394	.2249	.1425
#1	.2479	95.67	1.980	1.961	2.111	1.937	.0253	28.60	1.931
#2	.2536	95.40	1.983	1.965	2.111	1.938	.0259	28.53	1.932
#3	.2488	95.15	1.976	1.963	2.108	1.934	.0271	28.47	1.927

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1600**	**1.965**	**2.051**	**2.069**	**79.14**	**29.52**	**.0910**	**31.51**	**2.178**
Stddev	.0013	.002	.025	.025	.14	.04	.0016	.02	.011
%RSD	.7982	.0785	1.212	1.219	.1807	.1457	1.750	.0650	.5046
#1	.1591	1.965	2.035	2.055	79.29	29.53	.0919	31.50	2.169
#2	.1596	1.966	2.080	2.099	79.13	29.55	.0891	31.53	2.190
#3	.1615	1.963	2.038	2.055	79.00	29.47	.0919	31.50	2.174

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.917**	**26.33**	**1.979**	**2.732**	**1.986**	**.1763**	**1.967**	**1.948**	**1.104**
Stddev	.004	.04	.000	.007	.001	.0024	.004	.007	.019
%RSD	.2260	.1600	.0156	.2566	.0702	1.354	.2178	.3710	1.742
#1	1.912	26.37	1.979	2.730	1.984	.1784	1.966	1.946	1.121
#2	1.919	26.33	1.979	2.740	1.986	.1769	1.971	1.956	1.110
#3	1.920	26.29	1.979	2.727	1.987	.1737	1.963	1.943	1.083

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.017**	**1.991**	**3.029**	**1.928**	**2.049**	**1.609**	**2.029**	**2.037**
Stddev	.001	.001	.038	.004	.025	.037	.003	.024
%RSD	.0663	.0706	1.252	.1997	1.246	2.290	.1514	1.173
#1	2.017	1.992	3.005	1.931	2.033	1.570	2.032	2.022
#2	2.018	1.990	3.072	1.929	2.078	1.615	2.027	2.065
#3	2.015	1.990	3.009	1.924	2.035	1.643	2.027	2.025

Zoom In Zoom Out

Sample Name: mp34316-ps1 Acquired: 8/1/2022 14:05:16 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12075.**	**210460.**	**10527.**	**5976.1**
Stddev	26.	2455.	56.	16.2
%RSD	.21577	1.1664	.53324	.27167
#1	12045.	212420.	10462.	5958.0
#2	12090.	207700.	10556.	5980.7
#3	12089.	211240.	10563.	5989.5

Zoom In Zoom Out

Sample Name: ccv Acquired: 8/1/2022 14:10:10 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2479**	**37.85**	**2.005**	**1.959**	**1.981**	**1.932**	**2.019**	**38.71**	**1.919**
Stddev	.0009	.10	.003	.001	.007	.003	.001	.06	.002
%RSD	.3718	.2534	.1391	.0330	.3678	.1708	.0377	.1663	.1254
#1	.2490	37.74	2.007	1.958	1.989	1.931	2.018	38.78	1.916
#2	.2475	37.93	2.002	1.959	1.981	1.935	2.019	38.70	1.919
#3	.2473	37.87	2.007	1.959	1.974	1.929	2.020	38.65	1.921
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.988**	**1.938**	**1.952**	**1.938**	**39.22**	**39.40**	**1.984**	**38.55**	**1.982**
Stddev	.012	.001	.004	.003	.17	.17	.002	.04	.028
%RSD	.5921	.0674	.2131	.1626	.4226	.4263	.0909	.1097	1.412
#1	2.001	1.937	1.955	1.940	39.40	39.60	1.986	38.57	1.968
#2	1.984	1.938	1.953	1.940	39.20	39.31	1.983	38.58	2.014
#3	1.978	1.940	1.947	1.935	39.07	39.30	1.985	38.50	1.963
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.036**	**38.94**	**1.938**	**1.980**	**1.929**	**2.004**	**2.002**	**1.943**	**4.911**
Stddev	.002	.12	.004	.004	.006	.007	.005	.002	.007
%RSD	.1108	.2985	.2099	.1826	.2994	.3535	.2684	.1117	.1353
#1	2.037	39.07	1.934	1.984	1.923	2.011	1.999	1.945	4.915
#2	2.033	38.92	1.939	1.978	1.929	1.997	1.998	1.940	4.903
#3	2.037	38.84	1.942	1.978	1.934	2.005	2.008	1.943	4.914
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 8/1/2022 14:10:10 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.047**	**1.972**	**2.029**	**1.897**	**1.946**	**2.076**	**1.941**	**2.049**
Stddev	.001	.006	.005	.011	.005	.006	.003	.004
%RSD	.0675	.2975	.2307	.5795	.2485	.3142	.1683	.1914
#1	2.045	1.978	2.034	1.885	1.952	2.083	1.938	2.053
#2	2.047	1.972	2.029	1.900	1.946	2.073	1.940	2.049
#3	2.048	1.967	2.025	1.907	1.942	2.071	1.944	2.045
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**11911.**	**209910.**	**10291.**	**5872.6**
Stddev	12.	1233.	121.	7.2
%RSD	.09685	.58736	1.1759	.12196
#1	11911.	210040.	10154.	5865.5
#2	11900.	208610.	10333.	5872.5
#3	11923.	211060.	10385.	5879.8

Zoom In Zoom Out

Sample Name: ccb Acquired: 8/1/2022 14:15:02 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0006**	F **.0228**	**.0004**	**.0032**	**.0003**	**-.0001**	**.0024**	**-.0009**	**.0002**
Stddev	.0005	.0334	.0004	.0002	.0003	.0002	.0018	.0049	.0001
%RSD	83.43	146.2	100.7	6.079	128.0	307.5	75.61	564.5	47.12
#1	-.0010	.0200	.0005	.0034	.0004	-.0000	.0043	-.0005	.0002
#2	-.0001	-.0091	-.0000	.0030	.0006	-.0002	.0022	-.0060	.0001
#3	-.0007	.0575	.0007	.0033	-.0001	.0001	.0007	.0039	.0003
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		.0200							
Low Limit		-.0200							

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0019**	**-.0002**	**-.0001**	**.0003**	**.0035**	**-.0537**	**.0021**	**-.0185**	**.0001**
Stddev	.0021	.0001	.0001	.0002	.0027	.0437	.0026	.0186	.0000
%RSD	108.5	59.93	95.12	69.49	77.28	81.29	127.8	100.7	36.80
#1	.0001	-.0001	-.0000	.0001	.0006	-.0432	.0045	.0030	.0001
#2	-.0041	-.0002	-.0001	.0003	.0058	-.1017	.0024	-.0292	.0001
#3	-.0017	-.0004	-.0003	.0004	.0040	-.0163	-.0007	-.0293	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **.0046**	**-.1873**	**.0001**	**-.0006**	**-.0012**	**-.0032**	**.0009**	**.0014**	**-.0005**
Stddev	.0002	.0051	.0003	.0008	.0012	.0017	.0015	.0001	.0016
%RSD	3.497	2.721	278.8	141.2	99.28	51.90	169.2	9.689	301.3
#1	.0048	-.1833	-.0002	-.0012	-.0001	-.0050	.0011	.0015	-.0004
#2	.0046	-.1857	.0002	-.0009	-.0025	-.0017	.0022	.0012	.0010
#3	.0045	-.1931	.0003	.0004	-.0011	-.0029	-.0007	.0014	-.0022
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	.0020								
Low Limit	-.0020								

Zoom In Zoom Out

Sample Name: ccb Acquired: 8/1/2022 14:15:02 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	**-.0000**	**.0008**	**-.0012**	**.0015**	F **.0314**	**-.0005**	**.0006**
Stddev	.0004	.0001	.0001	.0024	.0002	.0012	.0002	.0000
%RSD	74.50	292.0	12.07	201.9	14.01	3.884	33.21	7.454
#1	-.0003	-.0002	.0007	-.0004	.0012	.0326	-.0004	.0006
#2	-.0009	.0001	.0007	.0007	.0016	.0315	-.0004	.0007
#3	-.0002	-.0001	.0009	-.0039	.0016	.0302	-.0007	.0006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit						.0050		
Low Limit						-.0050		

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12653.**	**216520.**	**10333.**	**6061.8**
Stddev	16.	2804.	15.	14.7
%RSD	.12658	1.2950	.14966	.24293
#1	12635.	218020.	10350.	6047.7
#2	12663.	213290.	10322.	6060.6
#3	12662.	218260.	10325.	6077.1

Zoom In Zoom Out

Sample Name: jd48941-1 Acquired: 8/1/2022 14:20:01 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**21.49**	**.0146**	**.0794**	**.0850**	**.0021**	**-.0009**	**1.685**	**.0011**
Stddev	.0002	.04	.0008	.0002	.0006	.0001	.0027	.005	.0001
%RSD	81.88	.1657	5.179	.2088	.6480	3.349	307.6	.3139	9.707
#1	-.0001	21.52	.0147	.0796	.0851	.0021	-.0035	1.691	.0013
#2	-.0005	21.48	.0138	.0794	.0844	.0022	-.0012	1.682	.0010
#3	-.0003	21.46	.0153	.0793	.0855	.0020	.0020	1.681	.0012

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1660**	**.0039**	**.0967**	**.0098**	**30.65**	**9.342**	**.0139**	**4.566**	**.1071**
Stddev	.0055	.0002	.0002	.0002	.05	.051	.0026	.030	.0001
%RSD	3.290	5.761	.1861	2.215	.1641	.5472	19.05	.6686	.1022
#1	.1629	.0040	.0966	.0100	30.70	9.355	.0116	4.594	.1070
#2	.1629	.0040	.0966	.0099	30.62	9.285	.0132	4.533	.1072
#3	.1724	.0036	.0969	.0095	30.61	9.385	.0168	4.570	.1072

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0086**	**.3099**	**.0092**	**.4966**	**.0153**	**.0820**	**.0013**	**.0022**	**1.357**
Stddev	.0002	.0103	.0001	.0012	.0004	.0043	.0006	.0010	.002
%RSD	2.300	3.322	.7719	.2459	2.817	5.194	45.32	44.60	.1440
#1	.0087	.2989	.0092	.4958	.0153	.0809	.0020	.0033	1.360
#2	.0086	.3115	.0093	.4959	.0157	.0784	.0009	.0016	1.356
#3	.0083	.3193	.0092	.4980	.0149	.0867	.0011	.0016	1.356

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0169**	**.0257**	**.9992**	**-.0004**	**.0610**	**.0183**	**.0407**	**.0843**
Stddev	.0003	.0001	.0009	.0007	.0002	.0013	.0002	.0007
%RSD	1.686	.2540	.0938	163.1	.3273	7.351	.4762	.8180
#1	.0168	.0258	.9992	-.0012	.0610	.0191	.0405	.0836
#2	.0172	.0258	.9983	.0003	.0608	.0168	.0409	.0843
#3	.0167	.0257	1.000	-.0005	.0612	.0191	.0408	.0850

Zoom In Zoom Out

Sample Name: jd48941-1 Acquired: 8/1/2022 14:20:01 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12475.**	**218560.**	**10566.**	**6120.5**
Stddev	17.	84.	88.	9.1
%RSD	.13251	.03843	.83215	.14878
#1	12473.	218550.	10467.	6124.3
#2	12493.	218650.	10634.	6127.2
#3	12460.	218490.	10598.	6110.1

Zoom In Zoom Out

Sample Name: ccv Acquired: 8/1/2022 14:24:54 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2500**	**38.02**	**2.024**	**1.972**	**1.986**	**1.941**	**2.039**	**38.88**	**1.934**
Stddev	.0002	.10	.001	.006	.002	.002	.004	.03	.002
%RSD	.0957	.2599	.0692	.3059	.0786	.1212	.1965	.0732	.1017
#1	.2497	38.08	2.022	1.966	1.987	1.941	2.035	38.91	1.932
#2	.2499	38.08	2.024	1.973	1.987	1.943	2.039	38.88	1.934
#3	.2502	37.91	2.025	1.978	1.984	1.938	2.043	38.85	1.936
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.004**	**1.956**	**1.968**	**1.953**	**39.26**	**39.45**	**1.994**	**38.73**	**1.990**
Stddev	.006	.002	.001	.002	.05	.03	.004	.08	.005
%RSD	.2931	.1219	.0728	.1015	.1265	.0659	.1888	.2027	.2299
#1	2.008	1.956	1.966	1.955	39.28	39.45	1.994	38.78	1.993
#2	2.007	1.954	1.969	1.953	39.30	39.48	1.998	38.78	1.985
#3	1.997	1.959	1.969	1.951	39.20	39.42	1.991	38.64	1.993
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.046**	**39.03**	**1.952**	**2.005**	**1.942**	**2.040**	**2.022**	**1.964**	**4.948**
Stddev	.002	.04	.002	.004	.001	.004	.004	.005	.008
%RSD	.1147	.1022	.0900	.1927	.0598	.2062	.2037	.2419	.1591
#1	2.044	39.07	1.950	2.002	1.941	2.036	2.017	1.959	4.939
#2	2.047	39.03	1.952	2.005	1.941	2.039	2.025	1.963	4.953
#3	2.048	38.99	1.954	2.009	1.943	2.044	2.024	1.969	4.953
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 8/1/2022 14:24:54 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.067**	**1.977**	**2.044**	**1.902**	**1.961**	**2.035**	**1.959**	**2.061**
Stddev	.003	.002	.001	.005	.004	.002	.003	.003
%RSD	.1230	.1183	.0620	.2687	.1843	.1134	.1588	.1574
#1	2.064	1.978	2.043	1.896	1.959	2.033	1.956	2.064
#2	2.067	1.980	2.045	1.906	1.959	2.035	1.962	2.062
#3	2.069	1.975	2.045	1.904	1.966	2.037	1.959	2.057
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**11909.**	**210380.**	**10322.**	**5860.8**
Stddev	23.	385.	40.	11.6
%RSD	.19463	.18296	.38406	.19740
#1	11886.	210300.	10293.	5849.2
#2	11910.	210050.	10367.	5860.9
#3	11932.	210810.	10306.	5872.3

Zoom In Zoom Out

Sample Name: ccb Acquired: 8/1/2022 14:29:45 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0012**	**.0084**	**.0007**	**.0023**	**.0002**	**.0001**	**.0012**	**.0014**	**.0002**
Stddev	.0003	.0164	.0012	.0012	.0002	.0001	.0007	.0042	.0001
%RSD	25.09	196.2	160.1	51.30	126.7	108.9	56.45	292.7	47.99
#1	-.0011	-.0061	.0010	.0033	-.0000	.0001	.0006	-.0028	.0003
#2	-.0016	.0262	.0018	.0026	.0005	.0000	.0019	.0015	.0002
#3	-.0010	.0050	-.0005	.0010	.0001	.0002	.0010	.0056	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0031**	**.0001**	**-.0000**	**.0006**	**.0015**	**-.0356**	F **.0037**	**-.0217**	**.0002**
Stddev	.0016	.0003	.0001	.0003	.0014	.0358	.0024	.0185	.0001
%RSD	49.56	377.6	241.2	54.54	94.29	100.5	65.33	85.09	31.36
#1	-.0038	.0003	.0001	.0010	-.0001	-.0673	.0065	-.0307	.0002
#2	-.0043	.0000	-.0001	.0005	.0026	.0032	.0023	-.0005	.0001
#3	-.0014	-.0002	-.0001	.0003	.0021	-.0428	.0023	-.0340	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit							.0023		
Low Limit							-.0023		

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **.0024**	**-.1868**	**.0000**	**-.0008**	**-.0006**	**-.0044**	**.0013**	**.0012**	**-.0012**
Stddev	.0003	.0073	.0002	.0007	.0004	.0022	.0007	.0033	.0006
%RSD	11.09	3.891	464.6	89.24	70.30	50.78	54.12	283.8	46.13
#1	.0027	-.1850	.0002	-.0003	-.0009	-.0069	.0016	.0010	-.0008
#2	.0022	-.1949	-.0001	-.0005	-.0001	-.0039	.0005	-.0021	-.0010
#3	.0023	-.1807	.0001	-.0017	-.0008	-.0024	.0019	.0046	-.0018
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	.0020								
Low Limit	-.0020								

Zoom In Zoom Out

Sample Name: ccb Acquired: 8/1/2022 14:29:45 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0004**	**-.0000**	**.0007**	**-.0013**	**.0005**	F **.0138**	**-.0007**	**.0003**
Stddev	.0008	.0001	.0003	.0018	.0001	.0009	.0001	.0001
%RSD	189.1	467.6	36.28	144.5	31.66	6.481	7.099	18.61
#1	.0001	-.0001	.0010	-.0032	.0003	.0136	-.0008	.0004
#2	-.0013	.0000	.0005	.0004	.0006	.0147	-.0007	.0003
#3	.0000	.0000	.0007	-.0010	.0005	.0130	-.0007	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit						.0050		
Low Limit						-.0050		

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12693.**	**218850.**	**10446.**	**6069.1**
Stddev	24.	661.	65.	7.3
%RSD	.18867	.30189	.61808	.12035
#1	12672.	218120.	10375.	6064.8
#2	12689.	219400.	10461.	6065.0
#3	12719.	219040.	10501.	6077.5

Zoom In Zoom Out

Sample Name: jd48941-2 Acquired: 8/1/2022 14:34:44 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0010**	**17.55**	**.0049**	**.0098**	**.0763**	**.0006**	**-.0011**	**.7520**	**.0007**
Stddev	.0004	.06	.0001	.0006	.0003	.0001	.0005	.0078	.0001
%RSD	34.66	.3191	2.907	6.527	.4241	12.23	50.16	1.037	21.08
#1	-.0015	17.60	.0048	.0091	.0761	.0006	-.0005	.7557	.0005
#2	-.0008	17.49	.0051	.0102	.0761	.0005	-.0016	.7573	.0007
#3	-.0009	17.56	.0048	.0103	.0767	.0006	-.0011	.7431	.0008

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1652**	**.0024**	**.0235**	**.0047**	**6.961**	**1.066**	**.0128**	**.7725**	**.0514**
Stddev	.0027	.0001	.0003	.0002	.021	.040	.0012	.0088	.0001
%RSD	1.639	5.966	1.145	4.099	.3008	3.743	9.759	1.133	.1691
#1	.1669	.0024	.0232	.0046	6.968	1.050	.0123	.7787	.0513
#2	.1621	.0024	.0236	.0046	6.978	1.111	.0142	.7625	.0514
#3	.1666	.0022	.0237	.0049	6.938	1.037	.0119	.7764	.0515

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0022**	**-.0630**	**.0067**	**.1411**	**.0226**	**.2373**	**-.0002**	**.0014**	**1.330**
Stddev	.0002	.0101	.0003	.0001	.0006	.0022	.0013	.0026	.011
%RSD	7.517	16.03	4.465	.0831	2.751	.9109	614.1	178.5	.8593
#1	.0021	-.0595	.0070	.1411	.0226	.2351	-.0008	-.0015	1.340
#2	.0021	-.0744	.0064	.1409	.0232	.2394	.0012	.0024	1.332
#3	.0024	-.0551	.0066	.1411	.0220	.2375	-.0010	.0034	1.318

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0166**	**.0086**	**.6564**	**-.0000**	**.0279**	**.0091**	**.0259**	**.0169**
Stddev	.0003	.0001	.0025	.0018	.0002	.0008	.0001	.0001
%RSD	1.977	.7991	.3880	4932.	.8678	8.390	.2345	.6108
#1	.0169	.0086	.6593	-.0000	.0277	.0087	.0260	.0167
#2	.0168	.0087	.6554	-.0019	.0279	.0100	.0259	.0169
#3	.0163	.0086	.6545	.0018	.0282	.0087	.0260	.0169

Zoom In Zoom Out

Sample Name: jd48941-2 Acquired: 8/1/2022 14:34:44 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12587.**	**219180.**	**10597.**	**6129.3**
Stddev	18.	472.	110.	16.1
%RSD	.14669	.21513	1.0420	.26309
#1	12595.	219370.	10543.	6141.8
#2	12599.	218640.	10524.	6135.0
#3	12565.	219520.	10724.	6111.1

Zoom In Zoom Out

Sample Name: jd48941-3 Acquired: 8/1/2022 14:39:37 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0010**	**41.69**	**.0069**	**.0141**	**.1254**	**.0008**	**-.0026**	**.6389**	**.0007**
Stddev	.0004	.08	.0016	.0007	.0005	.0001	.0024	.0007	.0001
%RSD	40.69	.1845	23.27	5.001	.3754	9.305	95.46	.1113	12.60
#1	-.0007	41.73	.0066	.0140	.1259	.0009	-.0009	.6382	.0007
#2	-.0015	41.74	.0086	.0134	.1249	.0009	-.0054	.6390	.0008
#3	-.0009	41.60	.0054	.0148	.1253	.0007	-.0014	.6396	.0006

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1431**	**.0068**	**.0425**	**.0175**	**18.25**	**1.975**	**.0246**	**2.466**	**.0976**
Stddev	.0038	.0001	.0003	.0001	.02	.018	.0019	.045	.0004
%RSD	2.665	1.430	.7552	.4111	.1306	.9290	7.819	1.837	.3634
#1	.1448	.0068	.0425	.0175	18.28	1.959	.0224	2.510	.0976
#2	.1387	.0068	.0428	.0175	18.24	1.995	.0255	2.419	.0973
#3	.1458	.0069	.0422	.0176	18.24	1.972	.0260	2.468	.0980

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0034**	**-.0546**	**.0215**	**.2906**	**.0224**	**.2798**	**.0001**	**-.0003**	**1.213**
Stddev	.0003	.0046	.0003	.0004	.0009	.0018	.0024	.0009	.017
%RSD	7.769	8.358	1.427	.1255	3.807	.6538	1918.	270.0	1.424
#1	.0034	-.0582	.0214	.2910	.0216	.2814	.0019	.0007	1.223
#2	.0037	-.0495	.0218	.2906	.0222	.2778	.0011	-.0008	1.223
#3	.0032	-.0561	.0212	.2903	.0233	.2801	-.0026	-.0010	1.193

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0158**	**.0088**	**1.090**	**.0003**	**.0465**	**.0085**	**.0475**	**.0260**
Stddev	.0006	.0001	.001	.0013	.0003	.0023	.0000	.0001
%RSD	3.806	.6384	.0896	401.5	.5667	26.90	.0916	.4796
#1	.0161	.0088	1.089	.0018	.0467	.0092	.0475	.0258
#2	.0161	.0087	1.090	-.0007	.0466	.0102	.0475	.0260
#3	.0151	.0088	1.091	-.0001	.0462	.0059	.0475	.0260

Zoom In Zoom Out

Sample Name: jd48941-3 Acquired: 8/1/2022 14:39:37 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12525.**	**217510.**	**10682.**	**6148.8**
Stddev	15.	230.	14.	8.0
%RSD	.11645	.10589	.12789	.13019
#1	12515.	217630.	10683.	6139.5
#2	12542.	217650.	10695.	6152.8
#3	12518.	217240.	10667.	6153.9

Zoom In Zoom Out

Sample Name: jd48941-4 Acquired: 8/1/2022 14:44:29 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0009**	**52.64**	**.0185**	**.0124**	**.0803**	**.0011**	**-.0007**	**.8071**	**.0008**
Stddev	.0002	.15	.0007	.0007	.0006	.0001	.0016	.0002	.0002
%RSD	25.26	.2804	3.868	5.847	.6983	7.740	233.3	.0190	22.91
#1	-.0011	52.64	.0182	.0117	.0809	.0010	.0012	.8073	.0006
#2	-.0006	52.49	.0193	.0132	.0797	.0012	-.0013	.8070	.0007
#3	-.0010	52.78	.0180	.0124	.0802	.0012	-.0020	.8071	.0010

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1027**	**.0074**	**.0491**	**.0137**	**45.18**	**2.083**	**.0241**	**2.540**	**.0932**
Stddev	.0025	.0004	.0002	.0005	.10	.045	.0003	.005	.0002
%RSD	2.480	5.287	.3226	3.328	.2291	2.168	1.282	.1855	.1985
#1	.1000	.0075	.0492	.0142	45.19	2.135	.0239	2.535	.0930
#2	.1051	.0069	.0492	.0134	45.07	2.050	.0240	2.545	.0933
#3	.1030	.0076	.0489	.0135	45.28	2.066	.0245	2.540	.0933

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0043**	**-.1003**	**.0219**	**.6744**	**.0323**	**.3572**	**-.0000**	**-.0002**	**.8983**
Stddev	.0001	.0083	.0002	.0006	.0014	.0045	.0012	.0011	.0050
%RSD	1.780	8.316	.9349	.0914	4.484	1.255	85880.	590.0	.5594
#1	.0043	-.0916	.0217	.6751	.0306	.3523	-.0008	-.0011	.9036
#2	.0044	-.1083	.0221	.6740	.0331	.3583	-.0006	-.0005	.8979
#3	.0042	-.1009	.0218	.6740	.0332	.3611	.0014	.0010	.8936

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0158**	**.0085**	**.9212**	**-.0003**	**.0720**	**.0064**	**.0494**	**.0216**
Stddev	.0007	.0001	.0011	.0010	.0001	.0005	.0001	.0003
%RSD	4.197	.8946	.1205	385.5	.1554	8.299	.2788	1.192
#1	.0160	.0086	.9204	.0007	.0719	.0064	.0493	.0218
#2	.0151	.0085	.9207	-.0013	.0721	.0069	.0494	.0213
#3	.0164	.0084	.9225	-.0001	.0719	.0059	.0496	.0215

Zoom In Zoom Out

Sample Name: jd48941-4 Acquired: 8/1/2022 14:44:29 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12489.**	**215550.**	**10500.**	**6108.6**
Stddev	30.	718.	33.	20.4
%RSD	.23669	.33327	.31134	.33387
#1	12459.	216150.	10519.	6086.8
#2	12519.	215730.	10518.	6127.1
#3	12489.	214750.	10462.	6112.1

Zoom In Zoom Out

Sample Name: jd48941-5 Acquired: 8/1/2022 14:49:22 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0011**	**47.97**	**.0060**	**.0153**	**.1833**	**.0013**	**-.0023**	**2.086**	**.0010**
Stddev	.0002	.11	.0008	.0007	.0009	.0000	.0009	.002	.0001
%RSD	17.57	.2212	12.75	4.696	.5126	3.490	39.64	.0975	14.05
#1	-.0010	48.06	.0059	.0147	.1842	.0013	-.0027	2.088	.0012
#2	-.0013	47.85	.0052	.0151	.1823	.0014	-.0029	2.084	.0009
#3	-.0010	48.00	.0067	.0161	.1833	.0013	-.0012	2.085	.0010

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2117**	**.0058**	**.0559**	**.0197**	**14.12**	**2.791**	**.0334**	**2.989**	**.1262**
Stddev	.0056	.0003	.0003	.0003	.04	.034	.0024	.032	.0013
%RSD	2.633	5.007	.5497	1.540	.2594	1.233	7.250	1.052	1.010
#1	.2074	.0059	.0557	.0194	14.13	2.831	.0316	2.956	.1251
#2	.2180	.0055	.0563	.0200	14.08	2.768	.0362	2.994	.1276
#3	.2096	.0060	.0558	.0197	14.15	2.774	.0325	3.018	.1257

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0012**	**-.0410**	**.0233**	**.1985**	**.0314**	**.2512**	**-.0002**	**.0007**	**1.331**
Stddev	.0003	.0076	.0004	.0005	.0004	.0008	.0017	.0006	.013
%RSD	23.34	18.66	1.759	.2665	1.218	.3212	1013.	81.64	.9958
#1	.0015	-.0477	.0229	.1982	.0318	.2521	-.0006	.0009	1.318
#2	.0009	-.0426	.0237	.1983	.0313	.2512	-.0016	.0011	1.331
#3	.0013	-.0327	.0232	.1992	.0310	.2505	.0017	.0000	1.344

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0154**	**.0188**	**1.337**	**-.0008**	**.0544**	**.0045**	**.0723**	**.0332**
Stddev	.0002	.0002	.014	.0005	.0011	.0002	.0001	.0005
%RSD	1.536	.9312	1.080	64.35	1.958	4.962	.1229	1.630
#1	.0153	.0189	1.324	-.0004	.0534	.0046	.0722	.0328
#2	.0152	.0186	1.353	-.0006	.0555	.0043	.0724	.0338
#3	.0156	.0188	1.335	-.0013	.0543	.0047	.0723	.0330

Zoom In Zoom Out

Sample Name: jd48941-5 Acquired: 8/1/2022 14:49:22 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12460.**	**215810.**	**10717.**	**6182.7**
Stddev	11.	1418.	81.	3.8
%RSD	.08934	.65688	.75441	.06170
#1	12447.	216810.	10628.	6178.8
#2	12468.	214180.	10786.	6186.4
#3	12464.	216420.	10736.	6183.0

Zoom In Zoom Out

Sample Name: jd48941-6 Acquired: 8/1/2022 14:54:19 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0004**	**18.09**	**.0165**	**.0133**	**.0443**	**.0012**	**.0012**	**1.467**	**.0007**
Stddev	.0004	.07	.0005	.0005	.0002	.0001	.0012	.005	.0001
%RSD	111.9	.3702	2.819	3.678	.3393	5.818	99.24	.3184	21.46
#1	-.0007	18.04	.0169	.0139	.0443	.0011	.0023	1.472	.0006
#2	-.0004	18.07	.0166	.0130	.0444	.0013	-.0000	1.466	.0006
#3	.0001	18.16	.0160	.0131	.0441	.0012	.0013	1.462	.0008

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0913**	**.0099**	**.0360**	**.0172**	**24.86**	**1.777**	**.0164**	**1.847**	**.3124**
Stddev	.0008	.0001	.0004	.0004	.04	.021	.0026	.010	.0022
%RSD	.8229	.8314	1.175	2.153	.1802	1.188	15.71	.5389	.6914
#1	.0906	.0100	.0362	.0176	24.89	1.785	.0161	1.839	.3134
#2	.0921	.0100	.0363	.0171	24.81	1.793	.0140	1.858	.3139
#3	.0914	.0099	.0355	.0168	24.89	1.753	.0192	1.843	.3100

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0080**	**.0822**	**.0182**	**.1199**	**.0150**	**19.16**	**-.0007**	**.0001**	**.8694**
Stddev	.0003	.0109	.0002	.0010	.0002	.03	.0006	.0008	.0067
%RSD	3.909	13.20	1.270	.7942	1.121	.1542	88.77	591.9	.7705
#1	.0077	.0698	.0184	.1202	.0150	19.14	-.0013	.0004	.8751
#2	.0083	.0870	.0182	.1188	.0149	19.15	-.0007	.0007	.8712
#3	.0080	.0899	.0180	.1206	.0152	19.20	-.0001	-.0007	.8620

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0171**	**.0148**	**.5938**	**-.0002**	**.0394**	**.0048**	**.0700**	**.0222**
Stddev	.0002	.0001	.0041	.0018	.0006	.0016	.0001	.0003
%RSD	1.214	.4490	.6838	798.1	1.402	32.95	.0891	1.290
#1	.0171	.0148	.5964	.0018	.0397	.0037	.0700	.0223
#2	.0168	.0148	.5959	-.0017	.0398	.0067	.0701	.0224
#3	.0172	.0149	.5891	-.0008	.0388	.0042	.0700	.0218

Zoom In Zoom Out

Sample Name: jd48941-6 Acquired: 8/1/2022 14:54:19 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12610.**	**217230.**	**10618.**	**6151.7**
Stddev	29.	1566.	60.	15.4
%RSD	.23352	.72103	.56101	.24981
#1	12589.	216290.	10611.	6148.9
#2	12597.	216370.	10563.	6138.0
#3	12644.	219040.	10681.	6168.3

Zoom In Zoom Out

Sample Name: jd48941-7 Acquired: 8/1/2022 14:59:14 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**85.67**	**.0301**	**.0165**	**.2053**	**.0019**	**-.0007**	**10.88**	**.0011**
Stddev	.0001	.08	.0010	.0006	.0010	.0001	.0005	.01	.0002
%RSD	65.76	.0924	3.443	3.399	.4680	5.590	71.96	.1263	17.39
#1	-.0004	85.58	.0291	.0171	.2053	.0018	-.0012	10.89	.0010
#2	-.0001	85.74	.0312	.0160	.2063	.0019	-.0002	10.88	.0014
#3	-.0003	85.67	.0300	.0163	.2043	.0020	-.0008	10.86	.0010

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2736**	**.0134**	**.0946**	**.0206**	**66.70**	**3.502**	**.0565**	**9.869**	**.7156**
Stddev	.0021	.0001	.0006	.0001	.05	.018	.0036	.030	.0038
%RSD	.7760	.4005	.5850	.6180	.0736	.5037	6.396	.3083	.5247
#1	.2750	.0135	.0945	.0207	66.66	3.509	.0559	9.839	.7133
#2	.2747	.0134	.0952	.0207	66.75	3.482	.0532	9.867	.7199
#3	.2712	.0134	.0941	.0204	66.70	3.515	.0603	9.900	.7136

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0046**	**.1597**	**.0359**	**1.193**	**.0632**	**.8149**	**.0002**	**.0018**	**1.115**
Stddev	.0002	.0045	.0003	.001	.0014	.0054	.0003	.0030	.014
%RSD	3.793	2.800	.7712	.0423	2.202	.6675	172.7	169.3	1.294
#1	.0045	.1547	.0362	1.193	.0636	.8087	.0002	.0046	1.131
#2	.0048	.1612	.0357	1.192	.0616	.8172	.0005	-.0014	1.112
#3	.0045	.1632	.0359	1.193	.0643	.8188	-.0001	.0021	1.102

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0171**	**.0349**	**1.314**	**.0033**	**.1474**	**.0056**	**.1010**	**.0352**
Stddev	.0002	.0001	.007	.0029	.0010	.0008	.0005	.0005
%RSD	.9058	.2440	.5156	86.71	.6508	13.77	.4839	1.495
#1	.0172	.0350	1.308	.0009	.1470	.0065	.1012	.0357
#2	.0171	.0348	1.322	.0065	.1485	.0052	.1014	.0352
#3	.0169	.0349	1.312	.0026	.1467	.0051	.1005	.0347

Zoom In Zoom Out

Sample Name: jd48941-7 Acquired: 8/1/2022 14:59:14 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12369.**	**214900.**	**10695.**	**6127.8**
Stddev	32.	1250.	46.	23.3
%RSD	.25716	.58165	.42615	.38030
#1	12344.	215400.	10748.	6110.0
#2	12357.	213480.	10663.	6119.3
#3	12405.	215830.	10676.	6154.2

Zoom In Zoom Out

Sample Name: jd48941-8 Acquired: 8/1/2022 15:04:02 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0008**	**47.53**	**.0082**	**.0123**	**.1249**	**.0011**	**-.0014**	**1.999**	**.0006**
Stddev	.0003	.12	.0005	.0000	.0009	.0001	.0010	.002	.0002
%RSD	41.74	.2474	5.600	.1749	.6892	11.85	72.29	.0904	33.74
#1	-.0004	47.52	.0080	.0123	.1257	.0011	-.0012	1.999	.0007
#2	-.0011	47.41	.0078	.0123	.1252	.0009	-.0025	1.997	.0008
#3	-.0010	47.65	.0087	.0124	.1240	.0012	-.0005	2.001	.0004

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1165**	**.0060**	**.0430**	**.0197**	**31.98**	**2.103**	**.0239**	**2.970**	**.0765**
Stddev	.0016	.0003	.0008	.0002	.03	.004	.0013	.012	.0008
%RSD	1.352	4.859	1.910	.9425	.0944	.1714	5.519	.3951	1.048
#1	.1164	.0064	.0425	.0195	32.00	2.099	.0231	2.976	.0760
#2	.1181	.0060	.0426	.0198	31.95	2.106	.0254	2.977	.0760
#3	.1149	.0058	.0439	.0199	32.01	2.104	.0231	2.956	.0774

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0030**	**-.0503**	**.0214**	**.3335**	**.0314**	**.1050**	**.0010**	**.0012**	**.9512**
Stddev	.0001	.0055	.0001	.0010	.0010	.0020	.0019	.0015	.0039
%RSD	2.872	10.96	.4920	.2998	3.232	1.939	189.7	131.3	.4065
#1	.0031	-.0550	.0213	.3334	.0325	.1068	.0009	-.0001	.9553
#2	.0030	-.0515	.0215	.3326	.0311	.1028	-.0009	.0028	.9507
#3	.0030	-.0442	.0214	.3346	.0305	.1055	.0029	.0007	.9477

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0163**	**.0128**	**.8737**	**.0013**	**.0525**	**.0053**	**.0443**	**.0265**
Stddev	.0007	.0001	.0097	.0022	.0007	.0019	.0001	.0006
%RSD	4.067	.5298	1.115	164.1	1.384	36.30	.2479	2.406
#1	.0166	.0128	.8689	-.0011	.0524	.0047	.0442	.0260
#2	.0168	.0127	.8674	.0032	.0518	.0074	.0444	.0263
#3	.0156	.0128	.8850	.0019	.0532	.0037	.0444	.0272

Zoom In Zoom Out

Sample Name: jd48941-8 Acquired: 8/1/2022 15:04:02 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12516.**	**215890.**	**10653.**	**6154.3**
Stddev	17.	1502.	38.	12.4
%RSD	.13800	.69592	.35293	.20114
#1	12505.	215990.	10610.	6141.5
#2	12536.	217350.	10671.	6166.2
#3	12506.	214350.	10679.	6155.2

Zoom In Zoom Out

Sample Name: jd48941-10 Acquired: 8/1/2022 15:08:54 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0004**	**47.40**	**.0286**	**.0103**	**.1204**	**.0010**	**-.0002**	**1.914**	**.0005**
Stddev	.0003	.07	.0021	.0011	.0003	.0001	.0005	.002	.0001
%RSD	97.50	.1419	7.369	10.86	.2806	7.925	241.7	.1164	20.39
#1	-.0004	47.44	.0310	.0093	.1201	.0009	.0002	1.915	.0005
#2	.0000	47.32	.0272	.0115	.1206	.0011	-.0001	1.911	.0005
#3	-.0007	47.44	.0276	.0101	.1207	.0010	-.0008	1.915	.0007

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1965**	**.0089**	**.0507**	**.0253**	**37.45**	**2.176**	**.0402**	**4.365**	**.2052**
Stddev	.0039	.0001	.0004	.0000	.03	.031	.0024	.058	.0001
%RSD	1.989	.8194	.7123	.0978	.0917	1.409	6.011	1.326	.0316
#1	.2001	.0089	.0506	.0253	37.45	2.197	.0408	4.431	.2052
#2	.1969	.0089	.0503	.0253	37.41	2.189	.0375	4.325	.2053
#3	.1923	.0090	.0511	.0253	37.48	2.140	.0422	4.339	.2052

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0029**	**-.0857**	**.0232**	**1.181**	**.0346**	**.2367**	**.0001**	**.0001**	**1.214**
Stddev	.0001	.0124	.0003	.011	.0011	.0019	.0015	.0008	.021
%RSD	4.843	14.43	1.310	.9665	3.122	.8209	1469.	1002.	1.750
#1	.0029	-.0916	.0231	1.190	.0347	.2388	.0011	.0003	1.234
#2	.0031	-.0715	.0235	1.185	.0335	.2364	.0008	-.0008	1.215
#3	.0028	-.0941	.0229	1.168	.0357	.2349	-.0016	.0007	1.192

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0160**	**.0140**	**.8422**	**.0019**	**.0719**	**.0046**	**.0795**	**.0129**
Stddev	.0006	.0001	.0015	.0017	.0001	.0005	.0008	.0002
%RSD	3.612	.8055	.1768	91.83	.1031	11.45	.9777	1.684
#1	.0166	.0141	.8422	.0035	.0718	.0048	.0797	.0131
#2	.0157	.0138	.8407	.0001	.0720	.0040	.0802	.0130
#3	.0156	.0140	.8437	.0020	.0719	.0049	.0787	.0127

Zoom In Zoom Out

Sample Name: jd48941-10 Acquired: 8/1/2022 15:08:54 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12557.**	**216960.**	**10679.**	**6164.8**
Stddev	67.	1048.	11.	39.6
%RSD	.53275	.48308	.10711	.64164
#1	12518.	217710.	10672.	6139.1
#2	12519.	217420.	10692.	6145.0
#3	12634.	215760.	10672.	6210.4

Zoom In Zoom Out

Sample Name: ccv Acquired: 8/1/2022 15:13:46 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2496**	**38.34**	**2.011**	**1.965**	**1.986**	**1.943**	**2.020**	**39.02**	**1.927**
Stddev	.0002	.12	.002	.003	.002	.004	.002	.09	.003
%RSD	.0965	.3054	.1096	.1650	.0846	.2210	.1211	.2360	.1359
#1	.2499	38.47	2.010	1.961	1.987	1.948	2.021	39.12	1.925
#2	.2494	38.32	2.014	1.966	1.986	1.943	2.022	39.01	1.930
#3	.2495	38.24	2.010	1.967	1.984	1.939	2.017	38.94	1.927
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.010**	**1.948**	**1.963**	**1.952**	**39.44**	**39.45**	**1.996**	**38.98**	**2.002**
Stddev	.007	.002	.002	.003	.04	.07	.005	.04	.007
%RSD	.3369	.0946	.1134	.1460	.1038	.1843	.2457	.1146	.3363
#1	2.016	1.946	1.965	1.953	39.49	39.53	2.002	39.00	1.994
#2	2.011	1.950	1.963	1.954	39.40	39.45	1.994	39.01	2.008
#3	2.003	1.949	1.961	1.949	39.43	39.38	1.993	38.93	2.003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.032**	**39.09**	**1.955**	**1.991**	**1.942**	**2.000**	**2.012**	**1.945**	**4.943**
Stddev	.003	.06	.001	.003	.001	.011	.003	.004	.004
%RSD	.1211	.1430	.0655	.1499	.0348	.5228	.1305	.2221	.0771
#1	2.029	39.15	1.954	1.988	1.941	1.993	2.013	1.944	4.939
#2	2.032	39.04	1.956	1.992	1.943	1.996	2.013	1.950	4.946
#3	2.034	39.07	1.954	1.994	1.942	2.012	2.009	1.941	4.942
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 8/1/2022 15:13:46 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.052**	**1.977**	**2.034**	**1.937**	**1.948**	**2.004**	**1.951**	**2.059**
Stddev	.002	.001	.001	.007	.003	.001	.002	.004
%RSD	.1039	.0618	.0609	.3801	.1328	.0569	.0978	.1779
#1	2.051	1.979	2.035	1.933	1.950	2.005	1.950	2.062
#2	2.055	1.977	2.034	1.945	1.949	2.003	1.953	2.059
#3	2.051	1.976	2.033	1.932	1.945	2.004	1.950	2.055
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**11885.**	**209640.**	**10146.**	**5881.8**
Stddev	5.	559.	39.	1.9
%RSD	.04014	.26653	.38578	.03241
#1	11887.	209000.	10102.	5882.3
#2	11880.	209900.	10162.	5879.8
#3	11889.	210030.	10175.	5883.5

Zoom In Zoom Out

Sample Name: ccb Acquired: 8/1/2022 15:18:37 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0007**	F **.0258**	**-.0000**	**.0020**	**.0005**	F **.0002**	**.0009**	**.0029**	**-.0000**
Stddev	.0003	.0154	.0007	.0004	.0003	.0000	.0005	.0030	.0002
%RSD	44.97	59.70	1738.	21.34	72.73	22.05	56.88	104.4	411.6
#1	-.0006	.0104	.0007	.0018	.0002	.0002	.0006	-.0003	.0001
#2	-.0005	.0259	-.0006	.0025	.0003	.0002	.0015	.0057	-.0002
#3	-.0011	.0412	-.0002	.0018	.0008	.0002	.0006	.0034	.0000
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit		.0200				.0001			
Low Limit		-.0200				-.0001			

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0015**	**.0001**	**-.0001**	**.0003**	**.0077**	**-.0745**	F **.0042**	**-.0224**	**.0002**
Stddev	.0044	.0003	.0001	.0001	.0019	.0378	.0027	.0234	.0000
%RSD	298.8	169.1	147.7	32.64	24.32	50.71	63.81	104.5	18.11
#1	-.0063	.0003	.0001	.0003	.0068	-.0700	.0062	-.0469	.0001
#2	-.0004	-.0001	-.0001	.0002	.0098	-.1143	.0012	-.0201	.0002
#3	.0023	.0003	-.0002	.0004	.0064	-.0392	.0052	-.0002	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit							.0023		
Low Limit							-.0023		

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0012**	**-.2174**	**.0002**	**-.0011**	**.0004**	**-.0040**	**-.0016**	**-.0000**	**-.0002**
Stddev	.0003	.0091	.0003	.0005	.0009	.0010	.0010	.0012	.0014
%RSD	25.47	4.179	109.5	47.28	231.6	24.85	60.94	6089.	736.3
#1	.0015	-.2279	.0001	-.0012	.0015	-.0049	-.0014	.0009	-.0017
#2	.0009	-.2125	.0001	-.0015	-.0004	-.0029	-.0007	.0004	.0009
#3	.0012	-.2118	.0005	-.0005	.0002	-.0042	-.0027	-.0013	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ccb Acquired: 8/1/2022 15:18:37 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0004**	**.0000**	**.0006**	**.0001**	**.0004**	**.0048**	**-.0007**	**.0003**
Stddev	.0006	.0001	.0002	.0014	.0001	.0010	.0001	.0003
%RSD	160.9	419.7	35.48	2455.	33.04	20.24	15.60	94.03
#1	-.0010	-.0000	.0006	.0002	.0002	.0052	-.0008	.0006
#2	.0003	-.0001	.0009	.0014	.0004	.0037	-.0006	.0003
#3	-.0004	.0002	.0004	-.0014	.0004	.0056	-.0007	.0000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12655.**	**217660.**	**10309.**	**6095.0**
Stddev	21.	550.	24.	12.5
%RSD	.16235	.25286	.23165	.20432
#1	12674.	217070.	10337.	6100.6
#2	12657.	217760.	10296.	6103.6
#3	12633.	218150.	10294.	6080.7

Zoom In Zoom Out

Sample Name: jd49001-1 Acquired: 8/1/2022 15:23:32 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0015**	**31.12**	**.0181**	**.0191**	**.2346**	**.0033**	**.0024**	**127.9**	**.0030**
Stddev	.0007	.08	.0007	.0005	.0006	.0001	.0016	.2	.0002
%RSD	45.51	.2486	4.028	2.825	.2568	1.710	67.78	.1693	4.965
#1	.0021	31.20	.0183	.0185	.2352	.0033	.0019	128.0	.0032
#2	.0015	31.04	.0187	.0195	.2341	.0034	.0011	127.7	.0030
#3	.0008	31.13	.0173	.0192	.2343	.0033	.0042	128.1	.0029

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9274**	**.0457**	**.1436**	**.0950**	**132.1**	**13.79**	**.0424**	**27.21**	**1.246**
Stddev	.0083	.0003	.0006	.0004	.3	.04	.0018	.02	.010
%RSD	.8938	.5830	.4143	.4104	.2195	.3157	4.300	.0554	.8201
#1	.9180	.0454	.1431	.0949	132.4	13.82	.0419	27.21	1.234
#2	.9304	.0459	.1436	.0948	131.8	13.74	.0409	27.19	1.251
#3	.9337	.0457	.1442	.0955	132.1	13.81	.0444	27.22	1.252

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0118**	**2.070**	**.0873**	F **11.18**	**.0258**	**6.157**	**.0005**	**.0040**	**1.315**
Stddev	.0002	.005	.0003	.03	.0001	.006	.0006	.0017	.002
%RSD	1.423	.2444	.3252	.2455	.4674	.0985	108.6	43.30	.1249
#1	.0118	2.064	.0875	11.18	.0256	6.154	.0005	.0022	1.316
#2	.0119	2.071	.0869	11.15	.0258	6.153	.0011	.0057	1.313
#3	.0116	2.074	.0874	11.20	.0258	6.164	-.0000	.0040	1.316

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0206**	**.1698**	**2.943**	**-.0009**	**.1366**	**.0041**	**.1463**	**.0339**
Stddev	.0005	.0005	.019	.0015	.0012	.0013	.0004	.0002
%RSD	2.476	.3230	.6477	173.2	.8758	30.88	.3014	.5933
#1	.0212	.1704	2.923	-.0027	.1353	.0039	.1467	.0337
#2	.0204	.1693	2.946	.0000	.1368	.0029	.1458	.0340
#3	.0203	.1697	2.961	-.0000	.1376	.0054	.1463	.0341

Zoom In Zoom Out

Sample Name: jd49001-1 Acquired: 8/1/2022 15:23:32 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12010.**	**247740.**	**12314.**	**6987.9**
Stddev	36.	560.	29.	35.3
%RSD	.29942	.22619	.23662	.50559
#1	11995.	248360.	12347.	6972.2
#2	12051.	247610.	12304.	7028.3
#3	11984.	247260.	12291.	6963.1

Zoom In Zoom Out

Sample Name: jd49001-2 Acquired: 8/1/2022 15:28:27 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**27.97**	**.0229**	**.0237**	**.2055**	**.0034**	**.0006**	**130.9**	**.0020**
Stddev	.0004	.02	.0002	.0003	.0004	.0000	.0010	.1	.0002
%RSD	96.01	.0643	.8148	1.362	.1953	1.419	165.2	.0671	12.26
#1	.0009	27.95	.0231	.0240	.2059	.0034	-.0005	131.0	.0023
#2	.0005	27.96	.0228	.0235	.2051	.0033	.0012	130.9	.0019
#3	.0000	27.99	.0227	.0235	.2054	.0034	.0011	130.9	.0019

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.335**	**.0497**	**.1290**	**.0930**	**117.8**	**13.28**	**.0394**	**23.45**	**.9685**
Stddev	.003	.0008	.0003	.0006	.0	.02	.0015	.03	.0027
%RSD	.2462	1.539	.2645	.6440	.0036	.1376	3.767	.1378	.2825
#1	1.335	.0491	.1287	.0925	117.8	13.30	.0410	23.48	.9656
#2	1.338	.0493	.1294	.0937	117.8	13.27	.0381	23.41	.9711
#3	1.332	.0505	.1290	.0928	117.8	13.27	.0391	23.45	.9686

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0122**	**2.210**	**.0837**	F **18.66**	**.0328**	**8.695**	**.0011**	**.0045**	**1.257**
Stddev	.0004	.008	.0022	.33	.0003	.166	.0014	.0011	.021
%RSD	2.957	.3577	2.603	1.762	.9076	1.911	132.4	24.70	1.680
#1	.0119	2.218	.0830	18.44	.0325	8.589	.0017	.0038	1.244
#2	.0121	2.210	.0821	18.49	.0327	8.610	-.0005	.0040	1.246
#3	.0126	2.202	.0862	19.03	.0331	8.886	.0021	.0058	1.281

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0190**	**.1836**	**2.738**	**-.0003**	**.1217**	**.0024**	**.1433**	**.0357**
Stddev	.0004	.0001	.005	.0042	.0002	.0006	.0024	.0002
%RSD	2.237	.0462	.1865	1311.	.1496	25.03	1.704	.4424
#1	.0186	.1836	2.733	.0044	.1216	.0030	.1418	.0357
#2	.0195	.1835	2.743	-.0016	.1219	.0019	.1419	.0358
#3	.0190	.1837	2.739	-.0037	.1216	.0023	.1461	.0355

Zoom In Zoom Out

Sample Name: jd49001-2 Acquired: 8/1/2022 15:28:27 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**11864.**	**269290.**	**13536.**	**7557.5**
Stddev	168.	1460.	74.	95.3
%RSD	1.4140	.54212	.54577	1.2613
#1	11978.	270860.	13464.	7632.8
#2	11942.	269020.	13533.	7589.3
#3	11671.	267980.	13611.	7450.3

Zoom In Zoom Out

Sample Name: jd49001-3 Acquired: 8/1/2022 15:33:22 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**28.53**	**.0211**	**.0200**	**.2206**	**.0036**	**.0004**	**136.8**
Stddev	.0000	.09	.0011	.0003	.0004	.0001	.0017	.1
%RSD	2.075	.3172	5.229	1.398	.1783	1.487	393.0	.0707
#1	.0006	28.63	.0212	.0203	.2207	.0035	.0010	136.9
#2	.0006	28.47	.0199	.0197	.2209	.0036	.0017	136.8
#3	.0006	28.49	.0221	.0200	.2201	.0036	-.0014	136.7

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0022**	**1.259**	**.0458**	**.1396**	**.0857**	**147.1**	**12.96**	**.0386**
Stddev	.0001	.008	.0001	.0011	.0005	.2	.01	.0013
%RSD	5.387	.6177	.1575	.8032	.5951	.1264	.0836	3.426
#1	.0023	1.260	.0458	.1394	.0851	147.2	12.97	.0398
#2	.0021	1.267	.0459	.1408	.0860	147.1	12.95	.0372
#3	.0021	1.251	.0459	.1386	.0859	146.9	12.96	.0388

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**23.70**	**1.104**	**.0095**	**1.951**	**.0853**	F **16.76**	**.0311**	**5.641**
Stddev	.04	.006	.0002	.010	.0003	.01	.0007	.003
%RSD	.1877	.5605	1.638	.5253	.3991	.0653	2.162	.0530
#1	23.66	1.101	.0093	1.940	.0852	16.76	.0318	5.640
#2	23.75	1.111	.0096	1.960	.0857	16.74	.0309	5.645
#3	23.70	1.099	.0095	1.952	.0851	16.76	.0305	5.639

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0012**	**.0050**	**1.216**	**.0189**	**.2012**	**2.804**	F **-.0047**	**.1534**
Stddev	.0017	.0013	.002	.0004	.0002	.016	.0011	.0010
%RSD	146.1	25.12	.1326	2.362	.1055	.5616	23.85	.6521
#1	.0003	.0062	1.218	.0194	.2014	2.797	-.0043	.1528
#2	.0032	.0050	1.215	.0188	.2012	2.822	-.0039	.1545
#3	.0001	.0037	1.216	.0185	.2010	2.794	-.0060	.1528

Zoom In Zoom Out

Sample Name: jd49001-3 Acquired: 8/1/2022 15:33:22 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0018**	**.1456**	**.0366**
Stddev	.0008	.0004	.0004
%RSD	47.93	.2612	.9645
#1	.0023	.1452	.0365
#2	.0022	.1455	.0371
#3	.0008	.1460	.0364

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12031.**	**267980.**	**13335.**	**7502.6**
Stddev	36.	2411.	65.	26.4
%RSD	.29781	.89972	.48649	.35175
#1	12050.	267120.	13341.	7508.1
#2	12054.	266130.	13267.	7525.9
#3	11990.	270710.	13396.	7474.0

Zoom In Zoom Out

Sample Name: jd49001-4 Acquired: 8/1/2022 15:38:16 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0013**	**32.70**	**.0268**	**.0158**	**.2702**	**.0044**	**-.0099**	**126.4**
Stddev	.0003	.03	.0006	.0011	.0004	.0000	.0013	.2
%RSD	26.86	.0844	2.145	7.276	.1401	.6484	12.72	.1321
#1	-.0012	32.73	.0272	.0145	.2705	.0044	-.0093	126.5
#2	-.0017	32.68	.0271	.0168	.2704	.0045	-.0113	126.4
#3	-.0010	32.69	.0262	.0160	.2698	.0045	-.0090	126.2

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0028**	**1.515**	**.0589**	**.1267**	**.1034**	**166.3**	**16.42**	**.0494**
Stddev	.0001	.009	.0003	.0012	.0007	.1	.03	.0011
%RSD	3.495	.6229	.5021	.9504	.6345	.0338	.2114	2.319
#1	.0028	1.508	.0587	.1260	.1033	166.4	16.45	.0483
#2	.0029	1.526	.0586	.1281	.1041	166.3	16.38	.0506
#3	.0028	1.511	.0592	.1261	.1028	166.3	16.44	.0492

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**27.50**	**1.216**	**.0076**	**2.142**	**.0942**	F **16.69**	**.0313**	**4.653**
Stddev	.04	.015	.0001	.005	.0000	.02	.0004	.002
%RSD	.1506	1.216	1.687	.2507	.0404	.1480	1.177	.0506
#1	27.55	1.222	.0076	2.147	.0942	16.67	.0311	4.653
#2	27.48	1.226	.0077	2.136	.0942	16.68	.0317	4.651
#3	27.48	1.199	.0074	2.144	.0942	16.72	.0311	4.656

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0007**	**.0029**	**1.430**	**.0200**	**.1706**	**3.586**	F **-.0099**	**.1626**
Stddev	.0004	.0014	.002	.0007	.0003	.022	.0026	.0010
%RSD	58.56	50.38	.1020	3.631	.1916	.6098	25.91	.5893
#1	.0005	.0030	1.431	.0205	.1710	3.578	-.0096	.1625
#2	.0011	.0042	1.431	.0192	.1704	3.611	-.0126	.1636
#3	.0004	.0014	1.429	.0204	.1705	3.570	-.0075	.1617

Zoom In Zoom Out

Sample Name: jd49001-4 Acquired: 8/1/2022 15:38:16 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0033**	**.1375**	**.0428**
Stddev	.0007	.0002	.0002
%RSD	20.01	.1698	.3592
#1	.0037	.1373	.0428
#2	.0025	.1373	.0429
#3	.0036	.1377	.0426

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12096.**	**274000.**	**13809.**	**7667.7**
Stddev	12.	2070.	59.	18.6
%RSD	.10079	.75558	.42497	.24277
#1	12100.	274160.	13754.	7664.0
#2	12105.	271850.	13871.	7687.9
#3	12082.	275980.	13803.	7651.2

Zoom In Zoom Out

Sample Name: jd49001-5 Acquired: 8/1/2022 15:43:20 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0009**	**29.51**	**.0197**	**.0579**	**.2426**	**.0036**	**-.0006**	**137.0**
Stddev	.0004	.04	.0007	.0008	.0006	.0000	.0008	.1
%RSD	43.84	.1306	3.660	1.353	.2590	1.124	144.0	.0906
#1	-.0004	29.56	.0197	.0586	.2433	.0036	-.0015	137.1
#2	-.0012	29.48	.0191	.0571	.2425	.0036	-.0003	136.9
#3	-.0011	29.50	.0205	.0581	.2420	.0037	.0001	137.1

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0026**	**1.181**	**.0483**	**.1250**	**.0924**	**152.8**	**13.88**	**.0395**
Stddev	.0002	.007	.0002	.0009	.0007	.2	.06	.0005
%RSD	8.038	.6258	.3659	.7278	.7155	.1488	.4011	1.390
#1	.0023	1.179	.0484	.1243	.0920	152.8	13.91	.0398
#2	.0027	1.175	.0481	.1247	.0921	152.5	13.82	.0388
#3	.0026	1.189	.0485	.1260	.0932	153.0	13.91	.0398

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**24.21**	**1.101**	**.0075**	**2.086**	**.0822**	F **15.15**	**.0299**	**3.956**
Stddev	.05	.010	.0001	.012	.0005	.04	.0004	.024
%RSD	.1904	.8885	1.019	.5673	.5828	.2648	1.451	.6077
#1	24.16	1.095	.0074	2.099	.0821	15.19	.0296	3.984
#2	24.24	1.096	.0075	2.077	.0817	15.12	.0297	3.945
#3	24.23	1.112	.0075	2.081	.0827	15.13	.0304	3.940

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009**	**.0046**	**1.279**	**.0203**	**.2245**	**3.240**	F **-.0033**	**.1616**
Stddev	.0021	.0008	.008	.0008	.0002	.025	.0021	.0014
%RSD	241.9	18.03	.6201	3.726	.0907	.7660	63.98	.8622
#1	.0028	.0038	1.289	.0203	.2248	3.227	-.0048	.1609
#2	.0011	.0045	1.275	.0210	.2244	3.224	-.0043	.1607
#3	-.0013	.0054	1.275	.0195	.2245	3.268	-.0009	.1632

Zoom In Zoom Out

Sample Name: jd49001-5 Acquired: 8/1/2022 15:43:20 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0025**	**.1436**	**.0373**
Stddev	.0009	.0009	.0001
%RSD	35.28	.5999	.3589
#1	.0016	.1442	.0373
#2	.0033	.1426	.0372
#3	.0026	.1439	.0375

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12071.**	**262290.**	**13157.**	**7363.3**
Stddev	28.	1579.	69.	.8
%RSD	.23308	.60185	.52169	.01096
#1	12064.	263300.	13161.	7363.3
#2	12101.	263100.	13223.	7362.5
#3	12046.	260470.	13086.	7364.1

Zoom In Zoom Out

Sample Name: jd49001-6 Acquired: 8/1/2022 15:48:16 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**29.67**	**.0211**	**.0184**	**.2656**	**.0036**	**-.0006**	**124.2**
Stddev	.0003	.11	.0002	.0006	.0006	.0001	.0012	.3
%RSD	80.44	.3703	.8992	3.207	.2317	1.509	198.1	.2049
#1	.0000	29.79	.0210	.0178	.2653	.0037	.0004	124.4
#2	.0005	29.64	.0213	.0188	.2651	.0036	-.0020	124.3
#3	.0005	29.58	.0210	.0188	.2663	.0036	-.0003	123.9

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0028**	**1.181**	**.0546**	**.1344**	**.1085**	**147.5**	**14.02**	**.0416**
Stddev	.0001	.004	.0002	.0003	.0005	.1	.05	.0017
%RSD	4.964	.3343	.4225	.1902	.4526	.0892	.3693	4.195
#1	.0028	1.182	.0545	.1342	.1084	147.4	14.03	.0436
#2	.0029	1.184	.0544	.1347	.1091	147.7	13.97	.0407
#3	.0027	1.176	.0548	.1343	.1081	147.5	14.07	.0405

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**24.80**	**1.103**	**.0111**	**2.219**	**.0927**	F **16.11**	**.0293**	**7.165**
Stddev	.13	.001	.0003	.001	.0006	.03	.0006	.020
%RSD	.5097	.0626	3.113	.0590	.6185	.1869	1.976	.2799
#1	24.93	1.104	.0108	2.219	.0929	16.08	.0295	7.164
#2	24.79	1.104	.0115	2.220	.0931	16.10	.0297	7.145
#3	24.68	1.103	.0111	2.217	.0920	16.14	.0286	7.185

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008**	**.0042**	**1.146**	**.0201**	**.1604**	**3.210**	F **-.0032**	**.1521**
Stddev	.0018	.0025	.002	.0002	.0004	.007	.0045	.0007
%RSD	224.9	58.63	.1461	.8427	.2235	.2202	140.9	.4517
#1	-.0011	.0057	1.145	.0202	.1600	3.202	-.0052	.1513
#2	.0012	.0014	1.148	.0201	.1606	3.216	-.0062	.1526
#3	.0024	.0056	1.146	.0199	.1606	3.212	.0020	.1524

Zoom In Zoom Out

Sample Name: jd49001-6 Acquired: 8/1/2022 15:48:16 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0019**	**.1412**	**.0342**
Stddev	.0008	.0003	.0001
%RSD	44.77	.2068	.3780
#1	.0012	.1409	.0341
#2	.0017	.1413	.0342
#3	.0028	.1415	.0343

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12028.**	**260700.**	**13179.**	**7406.5**
Stddev	26.	330.	73.	14.0
%RSD	.21382	.12667	.55099	.18889
#1	12058.	260330.	13148.	7421.4
#2	12009.	260960.	13262.	7393.6
#3	12018.	260800.	13127.	7404.7

Zoom In Zoom Out

Sample Name: jd49001-7 Acquired: 8/1/2022 15:53:13 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**31.09**	**.0230**	**.0171**	**.2364**	**.0037**	**-.0013**	**143.3**
Stddev	.0001	.05	.0008	.0005	.0002	.0001	.0008	.1
%RSD	16.35	.1585	3.542	2.880	.1021	1.697	58.59	.0353
#1	.0004	31.13	.0227	.0175	.2367	.0038	-.0021	143.2
#2	.0004	31.10	.0224	.0173	.2363	.0037	-.0012	143.3
#3	.0005	31.03	.0239	.0165	.2362	.0038	-.0006	143.3

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0029**	**1.326**	**.0532**	**.1570**	**.0967**	**165.9**	**13.79**	**.0426**
Stddev	.0001	.008	.0001	.0015	.0010	.1	.04	.0032
%RSD	3.366	.5748	.1677	.9404	.9973	.0843	.2958	7.441
#1	.0028	1.334	.0532	.1587	.0976	165.9	13.83	.0457
#2	.0030	1.319	.0533	.1559	.0957	165.7	13.75	.0393
#3	.0029	1.324	.0532	.1564	.0968	166.0	13.79	.0428

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**25.04**	**1.052**	**.0112**	**2.297**	**.0932**	F **18.90**	**.0328**	**6.848**
Stddev	.01	.008	.0004	.004	.0007	.09	.0022	.035
%RSD	.0586	.7753	3.519	.1928	.7596	.4624	6.688	.5091
#1	25.05	1.061	.0115	2.297	.0934	18.97	.0312	6.876
#2	25.05	1.045	.0108	2.293	.0925	18.80	.0318	6.809
#3	25.03	1.050	.0115	2.302	.0939	18.93	.0353	6.858

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0016**	**.0037**	**1.187**	**.0199**	**.1805**	**3.237**	F **-.0032**	**.1864**
Stddev	.0015	.0020	.005	.0004	.0001	.025	.0012	.0017
%RSD	92.95	56.00	.4351	1.804	.0515	.7834	37.75	.9197
#1	.0033	.0019	1.192	.0201	.1805	3.266	-.0019	.1884
#2	.0006	.0059	1.187	.0194	.1804	3.220	-.0042	.1853
#3	.0009	.0032	1.182	.0200	.1806	3.225	-.0036	.1855

Zoom In Zoom Out

Sample Name: jd49001-7 Acquired: 8/1/2022 15:53:13 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0015**	**.1511**	**.0395**
Stddev	.0007	.0004	.0002
%RSD	44.87	.2717	.4478
#1	.0021	.1512	.0397
#2	.0008	.1507	.0393
#3	.0016	.1515	.0394

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12013.**	**273590.**	**13490.**	**7653.6**
Stddev	27.	2308.	92.	25.2
%RSD	.22762	.84353	.67947	.32944
#1	11998.	270950.	13385.	7634.0
#2	12045.	275220.	13538.	7682.1
#3	11996.	274610.	13548.	7644.8

Zoom In Zoom Out

Sample Name: jd49001-8 Acquired: 8/1/2022 15:58:10 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0009**	**.1717**	**-.0005**	**.0061**	**.0003**	**.0000**	**.0020**	**.0928**
Stddev	.0003	.0158	.0006	.0019	.0002	.0002	.0016	.0036
%RSD	33.92	9.180	130.5	32.06	48.33	888.8	82.18	3.825
#1	-.0011	.1857	.0002	.0071	.0005	.0002	.0020	.0888
#2	-.0006	.1546	-.0010	.0073	.0002	.0000	.0035	.0952
#3	-.0012	.1748	-.0006	.0038	.0002	-.0001	.0003	.0946

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**-.0009**	**.0000**	**.0007**	**.0012**	**.0455**	**-.0705**	**.0010**
Stddev	.0001	.0032	.0002	.0000	.0002	.0022	.0087	.0017
%RSD	160.7	369.8	763.7	4.524	16.54	4.748	12.35	178.5
#1	.0001	-.0010	.0000	.0007	.0012	.0431	-.0713	.0023
#2	-.0002	.0024	-.0001	.0008	.0014	.0464	-.0789	-.0010
#3	-.0001	-.0041	.0002	.0007	.0010	.0471	-.0615	.0016

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0187**	**.0006**	**.0004**	**-.1783**	**.0005**	**.0222**	**-.0017**	**.0074**
Stddev	.0440	.0000	.0002	.0072	.0001	.0007	.0011	.0030
%RSD	235.4	7.433	44.20	4.025	21.85	3.325	61.74	40.48
#1	-.0509	.0006	.0002	-.1706	.0005	.0224	-.0021	.0090
#2	-.0367	.0006	.0005	-.1794	.0003	.0228	-.0025	.0040
#3	.0315	.0005	.0004	-.1849	.0005	.0214	-.0005	.0093

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0011**	**.0007**	**.0175**	**.0178**	**.0002**	**.0018**	F **-.0032**	**.0005**
Stddev	.0005	.0026	.0012	.0005	.0000	.0002	.0025	.0003
%RSD	47.56	366.1	6.924	2.742	22.96	12.66	77.02	46.74
#1	-.0015	-.0022	.0189	.0184	.0003	.0018	-.0025	.0008
#2	-.0005	.0019	.0168	.0177	.0002	.0020	-.0059	.0004
#3	-.0013	.0025	.0168	.0174	.0002	.0015	-.0011	.0004

Zoom In Zoom Out

Sample Name: jd49001-8 Acquired: 8/1/2022 15:58:10 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0014**	**.0058**	**.0006**
Stddev	.0007	.0001	.0001
%RSD	49.54	1.088	20.09
#1	.0021	.0058	.0005
#2	.0015	.0058	.0008
#3	.0007	.0057	.0006

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12645.**	**218920.**	**10451.**	**6087.6**
Stddev	15.	2414.	42.	4.6
%RSD	.12107	1.1024	.40069	.07634
#1	12632.	216140.	10484.	6084.4
#2	12639.	220440.	10465.	6085.5
#3	12662.	220190.	10404.	6093.0

Zoom In Zoom Out

Sample Name: ccv Acquired: 8/1/2022 16:03:09 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2496**	**38.05**	**2.017**	**1.968**	**1.991**	**1.939**	**2.035**	**38.77**	**1.932**
Stddev	.0006	.09	.003	.001	.000	.001	.005	.04	.001
%RSD	.2374	.2286	.1368	.0372	.0189	.0737	.2309	.1161	.0726
#1	.2502	37.96	2.016	1.968	1.991	1.939	2.037	38.79	1.933
#2	.2495	38.13	2.014	1.968	1.991	1.940	2.030	38.80	1.931
#3	.2490	38.05	2.020	1.969	1.991	1.938	2.039	38.71	1.931
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.998**	**1.953**	**1.961**	**1.949**	**39.12**	**39.47**	**1.988**	**38.51**	**2.010**
Stddev	.005	.002	.004	.004	.05	.02	.003	.05	.020
%RSD	.2323	.0781	.2279	.1798	.1373	.0620	.1320	.1180	.9736
#1	2.003	1.952	1.966	1.953	39.11	39.44	1.991	38.50	2.032
#2	1.995	1.952	1.959	1.948	39.17	39.49	1.986	38.56	2.004
#3	1.997	1.955	1.958	1.947	39.06	39.47	1.986	38.47	1.995
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.042**	**39.04**	**1.950**	**2.009**	**1.939**	**2.036**	**2.014**	**1.954**	**4.949**
Stddev	.003	.02	.002	.007	.004	.008	.003	.003	.005
%RSD	.1202	.0574	.1052	.3317	.2333	.3715	.1310	.1289	.0995
#1	2.041	39.05	1.951	2.004	1.942	2.031	2.015	1.953	4.953
#2	2.040	39.05	1.950	2.005	1.942	2.033	2.011	1.953	4.944
#3	2.045	39.01	1.947	2.016	1.934	2.045	2.015	1.957	4.951
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 8/1/2022 16:03:09 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.059**	**1.981**	**2.038**	**1.903**	**1.952**	**2.015**	**1.952**	**2.057**
Stddev	.003	.001	.005	.012	.006	.002	.001	.003
%RSD	.1240	.0428	.2675	.6220	.2911	.1122	.0377	.1585
#1	2.056	1.982	2.044	1.908	1.959	2.013	1.952	2.061
#2	2.058	1.981	2.035	1.912	1.950	2.015	1.951	2.055
#3	2.061	1.980	2.034	1.890	1.948	2.018	1.953	2.057
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**11850.**	**209090.**	**10267.**	**5835.2**
Stddev	9.	231.	75.	8.5
%RSD	.07833	.11068	.73055	.14547
#1	11855.	209050.	10216.	5844.6
#2	11839.	208870.	10232.	5833.1
#3	11856.	209330.	10353.	5828.0

Zoom In Zoom Out

Sample Name: ccb Acquired: 8/1/2022 16:08:01 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0014**	**.0005**	**.0009**	**.0010**	**-.0001**	F **.0002**	**.0009**	**-.0043**	**.0002**
Stddev	.0001	.0313	.0016	.0004	.0002	.0001	.0007	.0050	.0001
%RSD	9.325	6400.	183.4	43.10	295.3	52.97	76.09	116.3	88.93
#1	-.0013	-.0355	.0020	.0013	.0002	.0001	.0002	-.0101	.0002
#2	-.0012	.0205	.0016	.0005	-.0003	.0002	.0016	-.0017	.0000
#3	-.0015	.0165	-.0010	.0012	-.0001	.0002	.0010	-.0011	.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit						.0001			
Low Limit						-.0001			

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0022**	**.0000**	**-.0001**	**.0003**	**.0033**	**-.0592**	F **.0029**	**-.0207**	**.0002**
Stddev	.0045	.0002	.0001	.0002	.0022	.0264	.0032	.0288	.0000
%RSD	207.5	1004.	85.12	62.08	66.26	44.62	109.3	139.0	21.03
#1	.0071	-.0001	-.0002	.0002	.0040	-.0716	.0006	-.0105	.0001
#2	-.0017	-.0001	-.0000	.0005	.0050	-.0771	.0066	-.0532	.0002
#3	.0012	.0003	-.0001	.0002	.0008	-.0289	.0015	.0015	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit							.0023		
Low Limit							-.0023		

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0011**	**-.2229**	**.0002**	**-.0014**	**-.0001**	**.0011**	**-.0016**	**-.0005**	**-.0008**
Stddev	.0006	.0020	.0001	.0005	.0009	.0017	.0014	.0027	.0006
%RSD	50.72	.9062	51.95	39.46	1265.	155.4	87.45	495.2	71.66
#1	.0016	-.2231	.0003	-.0014	.0008	.0025	-.0007	.0011	-.0007
#2	.0011	-.2207	.0001	-.0008	-.0010	.0016	-.0009	.0009	-.0003
#3	.0005	-.2247	.0001	-.0019	-.0001	-.0008	-.0033	-.0036	-.0014
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ccb Acquired: 8/1/2022 16:08:01 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**-.0000**	**.0004**	**-.0009**	**.0005**	**.0032**	**-.0008**	**.0004**
Stddev	.0008	.0001	.0001	.0020	.0000	.0008	.0000	.0002
%RSD	438.0	171.8	29.95	217.7	8.597	25.84	3.144	41.60
#1	-.0003	-.0001	.0004	-.0021	.0005	.0042	-.0007	.0005
#2	.0007	.0000	.0002	-.0021	.0004	.0028	-.0008	.0002
#3	-.0009	-.0000	.0004	.0014	.0005	.0027	-.0007	.0005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12682.**	**218760.**	**10406.**	**6078.0**
Stddev	12.	1837.	29.	4.4
%RSD	.09833	.83968	.28119	.07212
#1	12693.	220030.	10409.	6077.9
#2	12685.	216650.	10433.	6082.4
#3	12668.	219590.	10375.	6073.6

Zoom In Zoom Out

Sample Name: mp34333-mb1 Acquired: 8/1/2022 16:12:59 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0012**	**.0190**	**-.0003**	**.0018**	**-.0005**	**-.0000**	**.0010**	**.0215**
Stddev	.0002	.0071	.0012	.0002	.0002	.0001	.0010	.0034
%RSD	17.64	37.46	430.3	11.86	33.41	449.9	107.9	16.00
#1	-.0014	.0161	-.0014	.0017	-.0003	-.0001	.0002	.0251
#2	-.0010	.0138	-.0003	.0020	-.0005	-.0000	.0021	.0211
#3	-.0012	.0271	.0009	.0016	-.0006	.0001	.0005	.0183

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**.0024**	**.0001**	**.0000**	**.0015**	**.0222**	**-.0753**	**.0027**
Stddev	.0001	.0059	.0001	.0001	.0001	.0008	.0380	.0024
%RSD	93.69	241.6	105.7	558.9	7.670	3.663	50.51	90.17
#1	.0000	-.0003	.0001	-.0000	.0015	.0212	-.0568	.0035
#2	.0001	-.0015	.0002	-.0000	.0016	.0225	-.0500	.0046
#3	.0002	.0092	.0000	.0001	.0014	.0227	-.1190	-.0000

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0213**	**.0003**	**.0006**	**-.2119**	**.0001**	**.0004**	**-.0001**	**.0055**
Stddev	.0025	.0001	.0003	.0121	.0002	.0007	.0006	.0054
%RSD	11.58	18.81	52.59	5.688	160.9	180.1	476.7	98.43
#1	-.0233	.0003	.0008	-.1998	.0003	.0004	-.0007	.0085
#2	-.0185	.0003	.0008	-.2121	.0001	.0011	.0005	-.0007
#3	-.0221	.0004	.0002	-.2239	-.0001	-.0003	-.0002	.0087

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**.0006**	**.0088**	**.0002**	**.0001**	**.0010**	F **-.0029**	**.0005**
Stddev	.0002	.0017	.0005	.0006	.0001	.0002	.0013	.0003
%RSD	42.38	262.7	5.527	308.9	131.5	18.38	43.99	61.30
#1	.0006	.0022	.0091	-.0004	-.0001	.0012	-.0036	.0007
#2	.0007	.0008	.0083	.0002	.0002	.0008	-.0037	.0006
#3	.0003	-.0011	.0090	.0008	.0002	.0011	-.0014	.0001

Zoom In Zoom Out

Sample Name: mp34333-mb1 Acquired: 8/1/2022 16:12:59 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0050**	**.0029**	**.0004**
Stddev	.0006	.0001	.0002
%RSD	11.38	2.761	56.00
#1	.0057	.0029	.0006
#2	.0047	.0028	.0002
#3	.0048	.0029	.0004

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12663.**	**220470.**	**10484.**	**6084.4**
Stddev	35.	985.	26.	25.1
%RSD	.28018	.44686	.25228	.41319
#1	12691.	219520.	10462.	6101.1
#2	12623.	220390.	10478.	6055.5
#3	12675.	221490.	10514.	6096.7

Zoom In Zoom Out

Sample Name: mp34333-b1 Acquired: 8/1/2022 16:17:52 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2448**	**24.69**	**1.970**	**1.909**	**1.977**	**1.915**	**.0265**	**25.14**
Stddev	.0002	.07	.002	.004	.006	.003	.0011	.09
%RSD	.0952	.2896	.1197	.2189	.2831	.1779	4.217	.3558
#1	.2450	24.77	1.968	1.905	1.984	1.916	.0253	25.20
#2	.2449	24.65	1.973	1.909	1.973	1.918	.0275	25.19
#3	.2445	24.66	1.969	1.914	1.974	1.911	.0265	25.04

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.891**	**-.0345**	**1.929**	**1.934**	**1.932**	**25.52**	**25.53**	**.0603**
Stddev	.005	.0017	.002	.001	.004	.05	.08	.0012
%RSD	.2477	4.907	.0857	.0740	.1836	.2102	.3019	2.057
#1	1.886	-.0342	1.929	1.936	1.936	25.56	25.61	.0613
#2	1.892	-.0330	1.928	1.933	1.931	25.54	25.51	.0589
#3	1.895	-.0363	1.931	1.933	1.929	25.46	25.46	.0607

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**24.86**	**1.967**	**2.012**	**25.25**	**1.921**	**1.972**	**1.911**	F **-.1337**
Stddev	.05	.014	.001	.09	.003	.005	.003	.0014
%RSD	.1830	.7234	.0249	.3532	.1351	.2793	.1649	1.017
#1	24.92	1.950	2.012	25.35	1.919	1.975	1.908	-.1347
#2	24.83	1.974	2.012	25.21	1.920	1.976	1.911	-.1321
#3	24.85	1.975	2.013	25.19	1.924	1.966	1.915	-.1342

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.973**	**1.902**	**.0110**	**2.029**	**1.963**	**2.005**	**1.870**	**1.923**
Stddev	.004	.003	.0009	.001	.005	.002	.008	.004
%RSD	.2121	.1451	8.109	.0421	.2679	.1089	.4485	.1814
#1	1.968	1.902	.0120	2.029	1.969	2.008	1.862	1.925
#2	1.974	1.899	.0107	2.028	1.960	2.003	1.869	1.919
#3	1.976	1.904	.0103	2.030	1.960	2.005	1.879	1.924

Zoom In Zoom Out

Sample Name: mp34333-b1 Acquired: 8/1/2022 16:17:52 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**1.909**	**1.915**	**2.019**
Stddev	.004	.002	.004
%RSD	.2290	.1056	.1717
#1	1.904	1.914	2.022
#2	1.910	1.915	2.018
#3	1.913	1.918	2.016

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12076.**	**212790.**	**10362.**	**5916.5**
Stddev	16.	347.	48.	6.5
%RSD	.13216	.16301	.45959	.10945
#1	12091.	212530.	10310.	5921.8
#2	12076.	212660.	10375.	5909.3
#3	12060.	213190.	10403.	5918.6

Zoom In Zoom Out

Sample Name: mp34333-s1 Acquired: 8/1/2022 16:22:39 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2449**	**26.99**	**1.969**	**1.968**	**2.007**	**1.880**	**.0260**	**144.7**	**1.867**
Stddev	.0006	.08	.004	.005	.006	.005	.0005	.4	.004
%RSD	.2262	.2973	.1947	.2705	.3166	.2567	2.063	.2614	.1882
#1	.2444	27.07	1.966	1.962	2.012	1.886	.0255	145.2	1.864
#2	.2455	26.91	1.969	1.969	2.000	1.878	.0266	144.4	1.867
#3	.2447	27.00	1.973	1.973	2.010	1.877	.0259	144.6	1.871

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0356**	**1.866**	**1.884**	**1.907**	**27.95**	**29.25**	**.0767**	**78.05**	**2.062**
Stddev	.0012	.003	.001	.003	.05	.09	.0013	.27	.021
%RSD	3.351	.1350	.0355	.1429	.1936	.3165	1.698	.3489	1.024
#1	-.0343	1.863	1.884	1.904	28.00	29.33	.0753	78.36	2.038
#2	-.0367	1.866	1.884	1.910	27.89	29.14	.0779	77.83	2.072
#3	-.0359	1.868	1.885	1.906	27.95	29.27	.0769	77.97	2.076

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.993**	**39.26**	**1.866**	**1.992**	**1.855**	**56.82**	**1.961**	**1.880**	**12.59**
Stddev	.003	.10	.002	.003	.003	.13	.003	.006	.02
%RSD	.1531	.2497	.1155	.1514	.1394	.2299	.1662	.3292	.1454
#1	1.989	39.34	1.864	1.989	1.853	56.71	1.958	1.874	12.57
#2	1.994	39.15	1.867	1.992	1.858	56.78	1.961	1.880	12.60
#3	1.995	39.28	1.868	1.995	1.855	56.96	1.964	1.886	12.60

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.966**	**2.196**	**2.038**	**1.837**	**1.889**	**1.939**	**1.884**	**1.992**
Stddev	.003	.006	.001	.001	.001	.004	.003	.003
%RSD	.1746	.2701	.0523	.0784	.0537	.1876	.1601	.1448
#1	1.964	2.200	2.039	1.837	1.889	1.937	1.882	1.992
#2	1.964	2.189	2.037	1.835	1.888	1.936	1.883	1.995
#3	1.970	2.198	2.038	1.838	1.890	1.943	1.888	1.989

Zoom In Zoom Out

Sample Name: mp34333-s1 Acquired: 8/1/2022 16:22:39 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**11617.**	**205680.**	**10298.**	**5773.2**
Stddev	17.	236.	58.	12.6
%RSD	.14543	.11453	.56613	.21805
#1	11612.	205680.	10232.	5770.5
#2	11636.	205910.	10318.	5787.0
#3	11604.	205440.	10344.	5762.2

Zoom In Zoom Out

Sample Name: mp34333-s2 Acquired: 8/1/2022 16:27:26 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2397**	**26.40**	**1.928**	**1.935**	**1.969**	**1.838**	**.0247**	**143.9**	**1.831**
Stddev	.0004	.00	.001	.001	.004	.001	.0024	.1	.001
%RSD	.1550	.0130	.0674	.0235	.1970	.0491	9.808	.0599	.0791
#1	.2400	26.39	1.929	1.935	1.970	1.838	.0272	143.9	1.831
#2	.2398	26.39	1.927	1.934	1.973	1.839	.0244	144.0	1.829
#3	.2393	26.40	1.927	1.935	1.965	1.838	.0224	143.9	1.831

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0276**	**1.829**	**1.846**	**1.864**	**27.45**	**28.70**	**.0736**	**77.38**	**1.997**
Stddev	.0064	.001	.001	.003	.04	.05	.0031	.18	.005
%RSD	23.33	.0521	.0512	.1716	.1503	.1889	4.198	.2384	.2470
#1	-.0245	1.830	1.847	1.867	27.43	28.70	.0772	77.22	2.002
#2	-.0233	1.828	1.845	1.861	27.42	28.76	.0721	77.33	1.994
#3	-.0350	1.830	1.846	1.862	27.50	28.65	.0716	77.58	1.994

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.949**	**38.66**	**1.826**	**1.960**	**1.815**	**57.01**	**1.917**	**1.843**	**12.63**
Stddev	.000	.04	.003	.001	.003	.06	.002	.004	.04
%RSD	.0144	.1099	.1712	.0375	.1365	.0983	.0975	.1958	.2937
#1	1.949	38.70	1.830	1.961	1.817	56.95	1.918	1.845	12.64
#2	1.949	38.68	1.824	1.961	1.812	57.06	1.915	1.839	12.58
#3	1.949	38.61	1.825	1.960	1.815	57.00	1.916	1.845	12.65

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.926**	**2.155**	**1.989**	**1.784**	**1.852**	**1.895**	**1.820**	**1.946**
Stddev	.002	.004	.004	.009	.001	.001	.001	.001
%RSD	.1106	.1820	.1958	.4798	.0598	.0536	.0569	.0608
#1	1.925	2.154	1.990	1.793	1.853	1.896	1.820	1.947
#2	1.924	2.160	1.985	1.780	1.851	1.894	1.820	1.944
#3	1.928	2.152	1.993	1.777	1.851	1.896	1.822	1.946

Zoom In Zoom Out

Sample Name: mp34333-s2 Acquired: 8/1/2022 16:27:26 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**11597.**	**206970.**	**10176.**	**5747.5**
Stddev	19.	550.	30.	15.7
%RSD	.16109	.26573	.29512	.27236
#1	11617.	206750.	10205.	5765.0
#2	11592.	207600.	10145.	5743.0
#3	11581.	206570.	10178.	5734.6

Zoom In Zoom Out

Sample Name: jd48966-3 Acquired: 8/1/2022 16:32:13 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**1.991**	**.0049**	**.0925**	**.0916**	**.0001**	**.0017**	**120.9**	**.0004**
Stddev	.0003	.032	.0007	.0005	.0004	.0001	.0025	.2	.0001
%RSD	352.5	1.591	13.68	.4974	.4413	87.63	145.7	.1466	25.85
#1	.0003	2.008	.0056	.0929	.0921	.0001	.0008	121.0	.0004
#2	-.0002	2.010	.0043	.0920	.0913	.0001	.0045	120.7	.0003
#3	-.0004	1.954	.0049	.0925	.0914	.0000	-.0002	120.9	.0004

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0038**	**.0012**	**.0031**	**.0074**	**3.394**	**3.636**	**.0184**	**54.07**	**.1342**
Stddev	.0013	.0001	.0002	.0003	.002	.018	.0022	.25	.0003
%RSD	34.85	6.401	6.010	4.339	.0696	.5084	11.97	.4555	.2029
#1	.0053	.0011	.0033	.0076	3.397	3.652	.0174	54.23	.1341
#2	.0028	.0013	.0030	.0070	3.393	3.616	.0210	53.78	.1340
#3	.0033	.0012	.0029	.0075	3.393	3.640	.0169	54.19	.1345

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0339**	**14.07**	**.0049**	**.0378**	**.0017**	**57.20**	**.0020**	**.0060**	**11.34**
Stddev	.0005	.03	.0002	.0011	.0004	.03	.0009	.0017	.04
%RSD	1.349	.2286	5.039	2.884	24.68	.0608	45.97	28.14	.3136
#1	.0344	14.09	.0049	.0377	.0022	57.16	.0012	.0063	11.31
#2	.0338	14.03	.0046	.0368	.0014	57.23	.0017	.0042	11.38
#3	.0336	14.08	.0051	.0390	.0015	57.20	.0030	.0076	11.34

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0006**	**.2948**	**.0607**	**.0030**	**.0046**	**.0076**	**.0199**	**.0036**
Stddev	.0007	.0004	.0021	.0021	.0004	.0008	.0001	.0002
%RSD	124.8	.1387	3.510	72.48	7.839	10.72	.3376	5.866
#1	.0002	.2952	.0595	.0006	.0050	.0084	.0199	.0038
#2	-.0011	.2944	.0631	.0049	.0046	.0078	.0198	.0034
#3	-.0008	.2948	.0594	.0034	.0043	.0068	.0198	.0036

Zoom In Zoom Out

Sample Name: jd48966-3 Acquired: 8/1/2022 16:32:13 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**11849.**	**210110.**	**10287.**	**5826.6**
Stddev	10.	202.	72.	10.0
%RSD	.08828	.09592	.69625	.17092
#1	11861.	210340.	10224.	5832.5
#2	11843.	210050.	10272.	5815.1
#3	11843.	209950.	10365.	5832.3

Zoom In Zoom Out

Sample Name: mp34333-sd1 Acquired: 8/1/2022 16:37:02 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0046**	**4.400**	**.0018**	**.0975**	**.0907**	**-.0001**	**.0102**	**120.3**	**.0011**
Stddev	.0025	.159	.0038	.0019	.0012	.0004	.0010	.3	.0013
%RSD	54.76	3.609	211.7	1.923	1.330	543.7	9.325	.2666	115.8
#1	-.0058	4.571	-.0013	.0996	.0894	-.0003	.0102	120.2	.0000
#2	-.0017	4.370	.0006	.0968	.0911	-.0002	.0112	120.1	.0026
#3	-.0062	4.258	.0061	.0960	.0917	.0003	.0093	120.7	.0008

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0143**	**.0023**	**.0025**	**.0078**	**3.431**	**3.159**	**.0396**	**54.52**	**.1356**
Stddev	.0070	.0009	.0010	.0009	.022	.026	.0083	.25	.0004
%RSD	49.34	40.64	40.24	11.06	.6368	.8149	20.86	.4629	.2712
#1	-.0149	.0013	.0015	.0087	3.454	3.162	.0304	54.47	.1359
#2	-.0210	.0032	.0036	.0075	3.427	3.183	.0422	54.29	.1357
#3	-.0069	.0024	.0024	.0071	3.411	3.132	.0463	54.79	.1352

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0353**	**12.87**	**.0056**	**.0302**	**.0052**	**56.18**	**-.0009**	**.0039**	**11.21**
Stddev	.0012	.03	.0019	.0029	.0040	.29	.0096	.0027	.05
%RSD	3.451	.2551	34.24	9.650	77.89	.5090	1069.	69.55	.4874
#1	.0358	12.84	.0078	.0332	.0016	56.02	-.0119	.0069	11.26
#2	.0339	12.89	.0045	.0303	.0096	56.01	.0032	.0018	11.20
#3	.0362	12.90	.0045	.0273	.0043	56.51	.0060	.0028	11.15

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0043**	**.2939**	**.0644**	**-.0043**	**.0061**	**.0189**	**.0256**	**.0029**
Stddev	.0015	.0013	.0074	.0029	.0009	.0016	.0003	.0003
%RSD	34.03	.4458	11.45	67.52	15.22	8.222	1.174	8.661
#1	-.0050	.2937	.0561	-.0025	.0069	.0171	.0259	.0031
#2	-.0052	.2928	.0700	-.0077	.0061	.0197	.0256	.0026
#3	-.0026	.2954	.0671	-.0027	.0051	.0198	.0253	.0030

Zoom In Zoom Out

Sample Name: mp34333-sd1 Acquired: 8/1/2022 16:37:02 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12448.**	**215730.**	**10331.**	**6008.7**
Stddev	14.	521.	50.	13.9
%RSD	.11559	.24166	.48203	.23074
#1	12463.	215230.	10332.	6016.1
#2	12447.	215690.	10380.	6017.2
#3	12435.	216270.	10280.	5992.7

Zoom In Zoom Out

Sample Name: da47481-19f Acquired: 8/1/2022 16:41:57 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0013**	**.0400**	**.0025**	**7.410**	**.2006**	**.0001**	**.0022**	**105.5**	**.0003**
Stddev	.0000	.0127	.0006	.009	.0006	.0001	.0010	.1	.0003
%RSD	3.092	31.76	23.30	.1224	.2893	57.98	45.47	.1293	90.68
#1	.0012	.0520	.0027	7.404	.2012	.0001	.0031	105.7	.0001
#2	.0013	.0267	.0031	7.406	.2005	.0002	.0011	105.4	.0007
#3	.0012	.0413	.0019	7.421	.2000	.0001	.0024	105.5	.0002

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0090**	**.0002**	**-.0008**	**.0016**	**18.61**	**7.038**	**.0262**	**29.96**	**2.241**
Stddev	.0044	.0001	.0003	.0003	.04	.026	.0013	.11	.005
%RSD	49.48	74.39	42.06	17.56	.2111	.3663	4.976	.3765	.2144
#1	.0079	.0003	-.0006	.0019	18.65	7.066	.0272	30.05	2.240
#2	.0138	.0000	-.0012	.0014	18.61	7.015	.0247	29.83	2.246
#3	.0051	.0002	-.0006	.0015	18.57	7.033	.0266	29.99	2.237

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0024**	**130.8**	**.0079**	**.0430**	**.0013**	**.4271**	**.0000**	**.0100**	**13.82**
Stddev	.0001	.2	.0003	.0006	.0009	.0019	.0008	.0014	.01
%RSD	4.012	.1479	3.359	1.457	73.71	.4428	2791.	13.56	.0560
#1	.0023	130.9	.0078	.0432	.0024	.4250	-.0009	.0087	13.81
#2	.0025	130.8	.0082	.0434	.0007	.4286	.0003	.0114	13.83
#3	.0025	130.6	.0077	.0423	.0007	.4278	.0007	.0100	13.83

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0004**	**.8819**	**-.0003**	**.0015**	**-.0007**	**.0054**	**.0173**	**.0009**
Stddev	.0003	.0015	.0003	.0018	.0001	.0005	.0002	.0001
%RSD	77.63	.1695	73.98	121.4	15.85	9.065	1.043	14.33
#1	-.0004	.8833	-.0005	-.0003	-.0008	.0053	.0172	.0008
#2	-.0007	.8819	-.0005	.0016	-.0008	.0050	.0172	.0011
#3	-.0001	.8803	-.0000	.0033	-.0006	.0060	.0175	.0009

Zoom In Zoom Out

Sample Name: da47481-19f Acquired: 8/1/2022 16:41:57 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**11697.**	**209270.**	**10310.**	**5812.1**
Stddev	30.	599.	36.	18.7
%RSD	.25339	.28641	.35269	.32231
#1	11677.	208920.	10296.	5806.6
#2	11731.	208930.	10351.	5833.0
#3	11682.	209960.	10282.	5796.8

Zoom In Zoom Out

Sample Name: da47481-20f Acquired: 8/1/2022 16:46:56 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0031**	**-.0114**	**.0045**	**5.638**	**.1147**	**-.0001**	**.0018**	F **490.4**	**.0008**
Stddev	.0003	.0146	.0008	.007	.0005	.0002	.0017	8.6	.0002
%RSD	8.548	127.9	17.61	.1246	.4661	124.5	94.26	1.759	25.90
#1	.0030	-.0056	.0040	5.641	.1152	-.0003	.0015	480.6	.0006
#2	.0030	-.0280	.0041	5.630	.1146	-.0002	.0037	493.9	.0010
#3	.0035	-.0006	.0054	5.643	.1142	.0000	.0003	496.7	.0009

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0108**	**.0032**	**-.0047**	**.0013**	**.6831**	**7.668**	**.1132**	**35.50**	**6.992**
Stddev	.0041	.0001	.0001	.0003	.0038	.034	.0024	.10	.040
%RSD	37.52	2.875	1.109	21.32	.5517	.4444	2.100	.2888	.5762
#1	-.0061	.0033	-.0046	.0011	.6871	7.636	.1159	35.52	6.958
#2	-.0134	.0033	-.0047	.0012	.6796	7.665	.1125	35.38	6.981
#3	-.0129	.0031	-.0046	.0016	.6827	7.704	.1113	35.58	7.036

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0261**	F **258.9**	**.0187**	**-.0103**	**.0005**	**38.24**	**-.0007**	**.0095**	**7.834**
Stddev	.0001	2.3	.0001	.0013	.0008	.13	.0005	.0007	.002
%RSD	.2990	.8931	.4467	13.03	154.1	.3373	71.63	7.490	.0206
#1	.0260	256.3	.0188	-.0106	-.0004	38.36	-.0002	.0103	7.836
#2	.0262	260.3	.0187	-.0114	.0008	38.24	-.0011	.0091	7.833
#3	.0262	260.3	.0186	-.0088	.0012	38.11	-.0008	.0091	7.834

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**2.360**	**.0008**	**.0043**	**-.0078**	**.0037**	**.0154**	**.0004**
Stddev	.0007	.005	.0004	.0011	.0001	.0003	.0002	.0001
%RSD	295.5	.2063	51.35	25.76	1.594	8.390	1.459	19.02
#1	-.0009	2.361	.0008	.0054	-.0077	.0036	.0152	.0003
#2	-.0004	2.365	.0013	.0042	-.0079	.0034	.0155	.0005
#3	.0006	2.355	.0004	.0032	-.0077	.0040	.0156	.0004

Zoom In Zoom Out

Sample Name: da47481-20f Acquired: 8/1/2022 16:46:56 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**11022.**	**200580.**	**10059.**	**5548.3**
Stddev	9.	713.	124.	5.8
%RSD	.08128	.35526	1.2284	.10520
#1	11027.	200930.	10189.	5544.1
#2	11028.	199760.	9942.4	5555.0
#3	11012.	201060.	10047.	5545.8

Zoom In Zoom Out

Sample Name: da47481-21f Acquired: 8/1/2022 16:52:10 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	*****	**.0399**	F **-.0202**	F **38.03**	**.8752**	**-.0003**	**.1995**	F **500.4**
Stddev	-----	.0335	.0003	.07	.0023	.0001	.0007	10.2
%RSD	-----	84.14	1.330	.1826	.2674	48.38	.3469	2.033
#1	-----	.0017	-.0199	37.97	.8731	-.0002	.2003	488.7
#2	-----	.0534	-.0204	38.01	.8747	-.0004	.1990	507.1
#3	-----	.0645	-.0204	38.10	.8777	-.0002	.1992	505.4

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **-.0164**	**.6241**	**.0765**	**.0141**	*****	F **982.6**	**175.8**	**.0825**
Stddev	.0002	.0008	.0001	.0002	-----	9.0	.3	.0019
%RSD	1.316	.1262	.1372	1.139	-----	.9163	.1546	2.293
#1	-.0164	.6235	.0767	.0143	-----	972.4	175.5	.0803
#2	-.0166	.6238	.0765	.0142	-----	985.8	175.8	.0839
#3	-.0162	.6250	.0765	.0140	-----	989.5	176.0	.0833

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**157.1**	F **12.89**	**.0455**	F **379.1**	**.1302**	**1.148**	**.0522**	**94.50**
Stddev	.1	.02	.0002	1.2	.0008	.001	.0010	.05
%RSD	.0876	.1772	.5181	.3082	.6114	.0774	1.831	.0564
#1	157.2	12.90	.0457	377.9	.1297	1.148	.0511	94.46
#2	157.2	12.86	.0452	379.2	.1311	1.147	.0527	94.48
#3	157.0	12.89	.0455	380.3	.1298	1.149	.0528	94.56

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **-.0353**	F **-.2644**	**13.91**	**.0268**	**4.985**	**.0076**	F **-.0244**	**.0027**
Stddev	.0005	.0023	.02	.0011	.006	.0002	.0009	.0005
%RSD	1.294	.8860	.1570	4.038	.1260	3.250	3.814	19.51
#1	-.0358	-.2657	13.89	.0278	4.982	.0079	-.0239	.0022
#2	-.0353	-.2617	13.92	.0269	4.980	.0074	-.0239	.0032
#3	-.0349	-.2659	13.93	.0257	4.992	.0075	-.0255	.0027

Zoom In Zoom Out

Sample Name: da47481-21f Acquired: 8/1/2022 16:52:10 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0102**	**.3381**	*****
Stddev	.0005	.0013	-----
%RSD	4.955	.3889	-----
#1	.0098	.3372	-----
#2	.0101	.3374	-----
#3	.0108	.3396	-----

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**11926.**	**189830.**	**9712.7**	**5234.0**
Stddev	29.	332.	29.7	13.1
%RSD	.23937	.17486	.30536	.24983
#1	11924.	189750.	9733.2	5235.5
#2	11956.	190190.	9726.1	5246.3
#3	11899.	189540.	9678.7	5220.3

Zoom In Zoom Out

Sample Name: ccv Acquired: 8/1/2022 16:57:31 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2499**	**38.25**	**2.023**	**2.002**	**2.001**	**1.939**	**2.039**	**38.90**	**1.934**
Stddev	.0005	.03	.003	.002	.003	.003	.001	.06	.002
%RSD	.2005	.0837	.1453	.1111	.1710	.1333	.0318	.1575	.1082
#1	.2504	38.28	2.023	2.004	2.005	1.941	2.038	38.97	1.935
#2	.2496	38.23	2.020	2.000	2.001	1.939	2.040	38.88	1.932
#3	.2495	38.23	2.026	2.001	1.998	1.936	2.040	38.85	1.936
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.007**	**1.960**	**1.971**	**1.958**	**39.26**	**39.70**	**1.996**	**38.65**	**2.016**
Stddev	.001	.002	.003	.001	.06	.03	.006	.02	.024
%RSD	.0544	.1069	.1511	.0382	.1624	.0810	.3112	.0538	1.191
#1	2.008	1.961	1.973	1.959	39.26	39.72	1.999	38.66	2.034
#2	2.007	1.962	1.972	1.958	39.19	39.72	2.000	38.67	2.024
#3	2.006	1.958	1.968	1.958	39.32	39.67	1.989	38.63	1.988
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.048**	**39.15**	**1.957**	**2.022**	**1.945**	**2.064**	**2.020**	**1.959**	**4.970**
Stddev	.002	.07	.001	.002	.002	.005	.002	.002	.006
%RSD	.0849	.1855	.0588	.0940	.0946	.2591	.1185	.1228	.1187
#1	2.049	39.24	1.958	2.024	1.944	2.060	2.018	1.957	4.976
#2	2.046	39.12	1.957	2.021	1.947	2.070	2.020	1.961	4.965
#3	2.049	39.11	1.956	2.022	1.943	2.061	2.023	1.960	4.967
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 8/1/2022 16:57:31 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.063**	**1.989**	**2.044**	**1.903**	**1.959**	**2.016**	**1.953**	**2.066**
Stddev	.002	.002	.002	.006	.002	.000	.002	.001
%RSD	.1074	.0936	.1084	.3343	.0883	.0201	.0933	.0527
#1	2.065	1.991	2.046	1.896	1.961	2.016	1.955	2.066
#2	2.061	1.988	2.045	1.908	1.960	2.016	1.953	2.065
#3	2.061	1.987	2.042	1.905	1.957	2.017	1.952	2.067
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**11878.**	**208780.**	**10219.**	**5857.5**
Stddev	33.	422.	45.	20.1
%RSD	.27658	.20195	.43737	.34324
#1	11845.	208810.	10243.	5839.8
#2	11911.	208350.	10247.	5879.3
#3	11880.	209190.	10168.	5853.3

Zoom In Zoom Out

Sample Name: ccb Acquired: 8/1/2022 17:02:22 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0013**	**.0187**	**-.0001**	F **.0186**	**.0002**	**.0001**	**.0010**	**-.0036**	**.0001**
Stddev	.0002	.0139	.0005	.0005	.0003	.0001	.0012	.0061	.0002
%RSD	16.44	74.58	408.1	2.863	143.6	48.59	111.1	168.3	219.4
#1	-.0011	.0028	.0002	.0188	-.0000	.0001	.0023	-.0087	.0003
#2	-.0016	.0244	-.0007	.0190	.0005	.0001	.0001	.0032	-.0001
#3	-.0013	.0288	.0001	.0180	.0001	.0002	.0006	-.0054	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				.0100					
Low Limit				-.0100					

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0041**	**-.0000**	**-.0001**	**.0003**	**.0094**	**-.0109**	F **.0034**	**-.0050**	**.0002**
Stddev	.0022	.0002	.0001	.0003	.0041	.0206	.0009	.0101	.0000
%RSD	53.96	1678.	236.4	86.28	43.81	189.5	27.71	201.1	20.89
#1	-.0016	.0002	-.0001	.0002	.0117	.0127	.0027	.0066	.0003
#2	-.0050	-.0002	-.0002	.0001	.0119	-.0250	.0030	-.0094	.0003
#3	-.0058	-.0000	.0001	.0006	.0047	-.0203	.0045	-.0123	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit							.0023		
Low Limit							-.0023		

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0011**	**-.1707**	**.0000**	**-.0003**	**-.0007**	**.0070**	**.0001**	**.0012**	**.0003**
Stddev	.0002	.0227	.0001	.0006	.0010	.0003	.0011	.0011	.0011
%RSD	20.97	13.27	270.6	182.7	137.8	3.894	1157.	88.19	313.7
#1	.0013	-.1450	-.0001	-.0004	.0004	.0068	-.0001	.0010	.0012
#2	.0009	-.1794	.0000	-.0009	-.0016	.0073	.0013	.0024	.0007
#3	.0010	-.1878	.0001	.0003	-.0009	.0070	-.0009	.0003	-.0009
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ccb Acquired: 8/1/2022 17:02:22 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0008**	**.0001**	**.0005**	**-.0015**	**.0006**	**.0023**	**-.0007**	**.0004**
Stddev	.0001	.0001	.0004	.0013	.0004	.0009	.0000	.0001
%RSD	12.27	106.0	85.18	90.91	68.64	38.50	5.070	25.67
#1	-.0008	.0002	.0006	-.0015	.0008	.0031	-.0007	.0004
#2	-.0008	.0002	.0009	-.0028	.0008	.0023	-.0008	.0003
#3	-.0007	-.0000	.0000	-.0001	.0001	.0014	-.0007	.0005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12625.**	**217570.**	**10354.**	**6056.2**
Stddev	13.	1209.	57.	6.7
%RSD	.09922	.55579	.54604	.11130
#1	12627.	218220.	10290.	6054.7
#2	12637.	218320.	10378.	6063.6
#3	12612.	216180.	10395.	6050.4

Zoom In Zoom Out

Sample Name: jd48675-4 Acquired: 8/1/2022 17:07:22 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0013**	**.0359**	**-.0001**	**.0169**	**.0020**	**-.0001**	**.0000**	**.0348**
Stddev	.0001	.0210	.0004	.0001	.0001	.0001	.0005	.0033
%RSD	5.569	58.68	384.0	.3305	6.128	147.5	5218.	9.513
#1	-.0014	.0445	.0002	.0170	.0020	-.0001	.0005	.0331
#2	-.0013	.0119	-.0006	.0169	.0019	-.0001	-.0005	.0327
#3	-.0014	.0512	.0001	.0169	.0022	.0000	.0001	.0386

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**-.0033**	**.0001**	**.0008**	**.0061**	**.0108**	**-.0333**	**.0045**
Stddev	.0001	.0014	.0003	.0001	.0003	.0019	.0336	.0019
%RSD	117.8	43.09	357.5	7.691	4.591	17.21	101.0	42.59
#1	.0003	-.0049	.0003	.0007	.0058	.0127	-.0721	.0027
#2	.0000	-.0026	.0002	.0008	.0064	.0104	-.0142	.0065
#3	.0000	-.0023	-.0003	.0008	.0062	.0091	-.0135	.0042

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0439**	**.0005**	**.0005**	**-.1826**	**.0007**	**.0004**	**-.0009**	**.0090**
Stddev	.0127	.0000	.0001	.0071	.0002	.0008	.0008	.0031
%RSD	28.96	7.832	19.22	3.880	29.06	214.4	88.99	34.15
#1	-.0579	.0005	.0007	-.1894	.0005	-.0002	.0000	.0054
#2	-.0407	.0005	.0005	-.1833	.0008	.0012	-.0015	.0108
#3	-.0331	.0005	.0005	-.1752	.0008	-.0000	-.0012	.0107

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0000**	**.0004**	**.0519**	**.0002**	**.0008**	**.0003**	F **-.0022**	**.0003**
Stddev	.0022	.0016	.0005	.0006	.0000	.0002	.0026	.0003
%RSD	6651.	444.3	.9428	345.3	5.149	67.06	119.4	96.23
#1	-.0025	.0010	.0519	-.0003	.0008	.0005	-.0012	.0002
#2	.0006	.0015	.0523	-.0001	.0009	.0001	-.0051	.0001
#3	.0018	-.0015	.0513	.0009	.0008	.0002	-.0002	.0007

Zoom In Zoom Out

Sample Name: jd48675-4 Acquired: 8/1/2022 17:07:22 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0033**	**.0082**	**.0006**
Stddev	.0007	.0002	.0001
%RSD	21.03	2.460	11.34
#1	.0025	.0080	.0006
#2	.0035	.0082	.0007
#3	.0039	.0084	.0007

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12636.**	**218900.**	**10330.**	**6081.4**
Stddev	35.	3269.	69.	22.2
%RSD	.27931	1.4933	.66571	.36426
#1	12673.	221260.	10389.	6095.2
#2	12603.	215170.	10254.	6055.9
#3	12631.	220280.	10345.	6093.1

Zoom In Zoom Out

Sample Name: jd48675-4f Acquired: 8/1/2022 17:12:25 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0012**	**.0917**	**.0011**	**.0123**	**.0009**	**-.0000**	**-.0002**	**.7106**	**.0000**
Stddev	.0003	.0399	.0011	.0004	.0004	.0000	.0014	.0016	.0003
%RSD	26.59	43.57	99.54	2.894	43.99	111.1	592.2	.2269	3563.
#1	-.0013	.1067	.0004	.0127	.0005	.0000	.0005	.7114	.0000
#2	-.0014	.0464	.0005	.0123	.0009	-.0001	-.0019	.7087	-.0003
#3	-.0008	.1219	.0023	.0120	.0012	-.0000	.0007	.7116	.0003

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0016**	**-.0002**	**.0007**	**.0008**	**.1777**	**-.0623**	**.0043**	**.2534**	**.0050**
Stddev	.0012	.0002	.0002	.0001	.0022	.0308	.0023	.0269	.0000
%RSD	72.77	74.07	32.95	16.14	1.239	49.40	53.76	10.62	.3135
#1	.0011	-.0001	.0009	.0009	.1771	-.0356	.0052	.2229	.0050
#2	.0029	-.0002	.0006	.0008	.1759	-.0960	.0060	.2634	.0050
#3	.0008	-.0004	.0005	.0006	.1802	-.0553	.0017	.2738	.0050

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**-.1560**	**.0003**	**.0011**	**.0008**	**.0678**	**-.0007**	**-.0013**	**.0743**
Stddev	.0003	.0079	.0001	.0009	.0007	.0018	.0019	.0015	.0009
%RSD	107.5	5.068	19.47	86.76	86.01	2.626	278.7	113.1	1.163
#1	.0002	-.1517	.0003	.0017	.0000	.0696	-.0005	-.0018	.0750
#2	.0007	-.1512	.0003	.0015	.0014	.0660	-.0026	-.0025	.0745
#3	.0001	-.1651	.0002	.0000	.0010	.0678	.0011	.0004	.0733

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**.0011**	**.0013**	**-.0009**	**.0000**	**.0025**	**.0076**	**.0003**
Stddev	.0001	.0001	.0001	.0008	.0004	.0002	.0001	.0001
%RSD	110.4	11.56	7.546	98.69	992.4	9.806	.9573	27.36
#1	-.0000	.0012	.0014	-.0007	.0005	.0027	.0075	.0002
#2	.0001	.0010	.0013	-.0001	-.0003	.0023	.0076	.0003
#3	.0003	.0011	.0012	-.0018	-.0001	.0023	.0076	.0004

Zoom In Zoom Out

Sample Name: jd48675-4f Acquired: 8/1/2022 17:12:25 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12628.**	**219830.**	**10365.**	**6070.8**
Stddev	20.	447.	24.	10.3
%RSD	.15445	.20322	.22826	.16889
#1	12649.	219320.	10366.	6082.4
#2	12611.	220010.	10388.	6067.2
#3	12624.	220160.	10341.	6062.8

Zoom In Zoom Out

Sample Name: jd48966-4 Acquired: 8/1/2022 17:17:20 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0084**	**58.29**	**.0656**	**.3858**	**.4932**	**.0034**	**.0033**	F **496.1**	**.0034**
Stddev	.0003	.16	.0006	.0004	.0006	.0001	.0002	4.8	.0001
%RSD	3.175	.2703	.9783	.0969	.1310	3.682	7.042	.9657	3.841
#1	.0084	58.41	.0649	.3862	.4929	.0035	.0031	500.6	.0033
#2	.0087	58.35	.0658	.3859	.4940	.0034	.0034	491.1	.0032
#3	.0082	58.11	.0661	.3854	.4928	.0032	.0035	496.5	.0035

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2709**	**.0785**	**.1195**	**.1753**	**126.1**	**25.64**	**.1450**	**198.4**	**3.530**
Stddev	.0032	.0003	.0002	.0005	.1	.08	.0012	.3	.017
%RSD	1.177	.3986	.1793	.2609	.1188	.3230	.7975	.1382	.4867
#1	.2702	.0788	.1197	.1758	126.2	25.57	.1462	198.7	3.536
#2	.2682	.0782	.1195	.1753	126.2	25.73	.1440	198.4	3.511
#3	.2744	.0786	.1193	.1749	126.0	25.61	.1447	198.2	3.544

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0546**	**29.21**	**.1798**	**1.451**	**.1493**	**45.84**	**.0066**	**.0342**	F **65.02**
Stddev	.0003	.02	.0003	.002	.0025	.05	.0008	.0018	.15
%RSD	.5137	.0724	.1406	.1119	1.684	.1086	12.45	5.262	.2318
#1	.0542	29.19	.1796	1.453	.1515	45.89	.0066	.0321	65.19
#2	.0547	29.23	.1798	1.450	.1498	45.79	.0058	.0356	64.94
#3	.0547	29.21	.1801	1.451	.1465	45.85	.0074	.0347	64.92

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008**	**.8149**	**.9143**	**.0183**	**.1133**	**.0034**	**.3990**	**.0410**
Stddev	.0003	.0011	.0093	.0029	.0005	.0009	.0004	.0004
%RSD	32.38	.1325	1.016	15.72	.4352	25.41	.1046	.8640
#1	.0005	.8144	.9115	.0192	.1139	.0044	.3987	.0408
#2	.0010	.8161	.9246	.0206	.1132	.0027	.3990	.0408
#3	.0010	.8141	.9067	.0151	.1129	.0032	.3995	.0414

Zoom In Zoom Out

Sample Name: jd48966-4 Acquired: 8/1/2022 17:17:20 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**11110.**	**203350.**	**10350.**	**5681.0**
Stddev	28.	373.	27.	18.3
%RSD	.25017	.18351	.26327	.32175
#1	11139.	202920.	10325.	5697.7
#2	11109.	203540.	10379.	5683.9
#3	11083.	203590.	10344.	5661.5

Zoom In Zoom Out

Sample Name: jd48966-5 Acquired: 8/1/2022 17:22:22 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0004**	**.1312**	**.0042**	**.0499**	**.0826**	**-.0001**	**.0017**	**127.7**	**.0004**
Stddev	.0003	.0106	.0010	.0004	.0006	.0001	.0011	.0	.0001
%RSD	69.68	8.061	24.24	.7431	.7213	186.7	65.43	.0329	17.35
#1	-.0005	.1308	.0040	.0502	.0819	.0001	.0029	127.8	.0004
#2	-.0001	.1208	.0033	.0495	.0830	-.0001	.0017	127.8	.0003
#3	-.0006	.1420	.0053	.0499	.0828	-.0002	.0006	127.7	.0003

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0035**	**.0010**	**.0004**	**.0015**	**.4404**	**1.942**	**.0094**	**55.29**	**.1387**
Stddev	.0066	.0002	.0001	.0005	.0013	.040	.0034	.10	.0004
%RSD	185.7	21.53	25.84	33.57	.2851	2.064	36.45	.1888	.2525
#1	-.0068	.0010	.0004	.0009	.4409	1.933	.0114	55.41	.1383
#2	-.0079	.0011	.0004	.0017	.4390	1.985	.0054	55.23	.1387
#3	.0040	.0007	.0006	.0018	.4413	1.907	.0114	55.24	.1390

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0112**	**13.00**	**.0023**	**.0023**	**.0012**	**93.05**	**-.0013**	**.0041**	**8.058**
Stddev	.0000	.02	.0004	.0002	.0005	.17	.0010	.0003	.033
%RSD	.4465	.1601	16.34	7.576	44.00	.1795	79.15	7.093	.4093
#1	.0112	12.98	.0026	.0021	.0007	93.24	-.0002	.0037	8.095
#2	.0112	13.01	.0024	.0025	.0013	92.97	-.0022	.0042	8.031
#3	.0111	13.02	.0019	.0023	.0017	92.94	-.0015	.0043	8.049

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0007**	**.3414**	**.0047**	**.0016**	**.0007**	**.0029**	**.0364**	**.0005**
Stddev	.0006	.0007	.0002	.0025	.0003	.0009	.0000	.0000
%RSD	79.28	.1953	4.369	151.1	34.66	31.46	.1347	3.348
#1	-.0005	.3409	.0046	.0029	.0006	.0034	.0364	.0005
#2	-.0003	.3422	.0050	-.0012	.0010	.0034	.0364	.0005
#3	-.0014	.3412	.0046	.0032	.0006	.0019	.0364	.0005

Zoom In Zoom Out

Sample Name: jd48966-5 Acquired: 8/1/2022 17:22:22 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**11847.**	**210190.**	**10183.**	**5809.5**
Stddev	10.	410.	55.	3.7
%RSD	.08809	.19507	.54448	.06409
#1	11859.	210530.	10246.	5808.0
#2	11842.	210290.	10158.	5806.8
#3	11839.	209740.	10144.	5813.8

Zoom In Zoom Out

Sample Name: jd48966-6 Acquired: 8/1/2022 17:27:13 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0037**	**19.25**	**.0283**	**.3564**	**.1825**	**.0011**	**-.0006**	F **227.2**	**.0009**
Stddev	.0003	.07	.0010	.0028	.0009	.0001	.0015	.3	.0002
%RSD	9.203	.3593	3.445	.7921	.5184	8.066	251.3	.1412	25.87
#1	.0041	19.33	.0294	.3565	.1823	.0011	-.0024	227.6	.0010
#2	.0038	19.21	.0277	.3536	.1817	.0012	.0003	227.0	.0006
#3	.0034	19.22	.0277	.3592	.1835	.0010	.0002	227.0	.0010

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0843**	**.0178**	**.0591**	**.0640**	**38.98**	**11.60**	**.0575**	**108.6**	**1.024**
Stddev	.0066	.0004	.0003	.0005	.01	.01	.0021	.2	.002
%RSD	7.831	2.390	.4886	.7564	.0363	.0840	3.654	.1862	.1516
#1	.0919	.0176	.0591	.0640	38.99	11.59	.0557	108.8	1.025
#2	.0811	.0175	.0588	.0645	38.97	11.59	.0569	108.6	1.024
#3	.0799	.0183	.0594	.0636	38.97	11.61	.0598	108.4	1.022

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0401**	**29.17**	**.0468**	**.4926**	**.0348**	**24.05**	**.0009**	**.0195**	F **40.52**
Stddev	.0006	.02	.0003	.0037	.0007	.20	.0019	.0019	.40
%RSD	1.374	.0728	.5784	.7525	2.036	.8221	201.5	9.636	.9979
#1	.0404	29.16	.0468	.4897	.0355	23.92	-.0001	.0174	40.26
#2	.0395	29.15	.0466	.4914	.0348	23.94	.0031	.0203	40.31
#3	.0405	29.19	.0471	.4968	.0341	24.27	-.0002	.0209	40.98

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**.8867**	**.4236**	**.0074**	**.0397**	**.0025**	**.1486**	**.0151**
Stddev	.0011	.0006	.0064	.0016	.0002	.0016	.0011	.0005
%RSD	1146.	.0638	1.501	21.71	.5242	62.96	.7077	3.416
#1	.0012	.8870	.4181	.0069	.0395	.0007	.1479	.0149
#2	-.0005	.8860	.4306	.0061	.0399	.0037	.1482	.0148
#3	-.0010	.8871	.4222	.0092	.0396	.0032	.1499	.0157

Zoom In Zoom Out

Sample Name: jd48966-6 Acquired: 8/1/2022 17:27:13 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**11430.**	**206520.**	**10078.**	**5744.6**
Stddev	51.	1016.	97.	29.3
%RSD	.44732	.49202	.96234	.51058
#1	11457.	205360.	10090.	5754.7
#2	11461.	206940.	9976.2	5767.6
#3	11371.	207260.	10169.	5711.6

Zoom In Zoom Out

Sample Name: jd49003-2 Acquired: 8/1/2022 17:31:58 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0014**	**.0865**	**-.0004**	**.0069**	**.0006**	**-.0001**	**.0003**	**.1629**
Stddev	.0004	.0210	.0013	.0005	.0003	.0001	.0010	.0021
%RSD	29.20	24.23	329.6	7.875	53.85	77.49	311.5	1.284
#1	-.0012	.0704	.0009	.0069	.0009	-.0000	-.0004	.1634
#2	-.0011	.1102	-.0017	.0063	.0002	-.0001	-.0001	.1606
#3	-.0018	.0789	-.0003	.0074	.0007	-.0001	.0014	.1647

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**-.0006**	**-.0001**	**.0045**	**.0011**	**.0745**	**-.0503**	**.0009**
Stddev	.0001	.0010	.0001	.0001	.0002	.0030	.0413	.0016
%RSD	208.9	168.0	231.6	2.415	15.34	3.968	82.03	173.5
#1	.0001	-.0005	.0000	.0046	.0012	.0761	-.0964	-.0008
#2	-.0002	-.0016	.0000	.0046	.0011	.0711	-.0166	.0012
#3	-.0001	.0003	-.0002	.0044	.0009	.0764	-.0379	.0024

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0148**	**.0007**	**.0005**	**-.1308**	**.0004**	**-.0004**	**.0035**	**.0326**
Stddev	.0504	.0000	.0000	.0100	.0003	.0003	.0011	.0031
%RSD	341.5	2.936	4.152	7.631	65.53	62.96	30.78	9.571
#1	.0256	.0007	.0006	-.1232	.0001	-.0002	.0027	.0291
#2	-.0713	.0006	.0005	-.1421	.0006	-.0003	.0030	.0352
#3	.0013	.0007	.0005	-.1272	.0005	-.0007	.0047	.0335

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**.0013**	**.1260**	**-.0004**	**.0036**	**.0018**	F **-.0021**	**.0006**
Stddev	.0009	.0026	.0087	.0002	.0002	.0004	.0012	.0002
%RSD	671.4	199.4	6.944	52.25	4.530	20.58	55.99	38.55
#1	.0008	-.0014	.1358	-.0002	.0038	.0014	-.0007	.0009
#2	-.0002	.0015	.1230	-.0006	.0035	.0022	-.0028	.0004
#3	-.0010	.0037	.1191	-.0004	.0035	.0018	-.0027	.0006

Zoom In Zoom Out

Sample Name: jd49003-2 Acquired: 8/1/2022 17:31:58 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0019**	**.0044**	**.0004**
Stddev	.0002	.0002	.0002
%RSD	12.71	5.062	44.15
#1	.0017	.0043	.0005
#2	.0022	.0042	.0006
#3	.0019	.0046	.0002

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12593.**	**217640.**	**10208.**	**6030.0**
Stddev	28.	298.	69.	14.8
%RSD	.22489	.13672	.67709	.24563
#1	12624.	217390.	10189.	6046.4
#2	12588.	217560.	10285.	6025.7
#3	12568.	217970.	10151.	6017.8

Zoom In Zoom Out

Sample Name: jd49003-3 Acquired: 8/1/2022 17:36:52 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	**.0414**	**-.0003**	**.0261**	**.0407**	**-.0001**	**.0017**	**11.97**	**.0002**
Stddev	.0003	.0359	.0018	.0001	.0004	.0000	.0013	.02	.0001
%RSD	60.35	86.55	647.9	.2361	.8898	39.44	72.83	.1412	39.03
#1	-.0001	.0379	.0016	.0261	.0411	-.0000	.0031	11.99	.0003
#2	-.0007	.0075	-.0003	.0261	.0404	-.0001	.0007	11.96	.0002
#3	-.0006	.0789	-.0021	.0262	.0406	-.0000	.0014	11.97	.0001

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0023**	**.0028**	**.0001**	**.0008**	**.1685**	**1.353**	**.0024**	**4.688**	**.5014**
Stddev	.0020	.0003	.0002	.0004	.0036	.016	.0045	.014	.0014
%RSD	89.84	10.44	152.6	50.34	2.160	1.175	185.6	.2928	.2790
#1	-.0010	.0026	.0003	.0011	.1700	1.372	-.0027	4.672	.4998
#2	-.0012	.0031	.0001	.0009	.1643	1.347	.0058	4.696	.5023
#3	-.0046	.0026	-.0001	.0003	.1710	1.341	.0041	4.696	.5021

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**47.94**	**.0036**	**-.0018**	**.0007**	**3.837**	**-.0014**	**.0023**	**3.779**
Stddev	.0001	.11	.0003	.0012	.0015	.019	.0007	.0012	.004
%RSD	28.08	.2327	7.058	66.68	216.3	.4930	49.94	50.80	.1135
#1	.0005	47.94	.0039	-.0031	.0002	3.853	-.0017	.0035	3.781
#2	.0004	48.06	.0037	-.0011	.0023	3.816	-.0020	.0022	3.774
#3	.0003	47.83	.0034	-.0011	-.0005	3.843	-.0006	.0012	3.781

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**.1562**	**.0000**	**-.0004**	**.0005**	**.0024**	**.0282**	**-.0000**
Stddev	.0005	.0005	.0005	.0008	.0002	.0007	.0003	.0003
%RSD	96.88	.3313	4870.	213.7	39.98	31.07	.8967	731.6
#1	.0010	.1560	-.0004	-.0007	.0005	.0019	.0280	-.0003
#2	.0001	.1567	-.0002	-.0010	.0007	.0020	.0282	-.0001
#3	.0003	.1557	.0006	.0006	.0003	.0032	.0285	.0003

Zoom In Zoom Out

Sample Name: jd49003-3 Acquired: 8/1/2022 17:36:52 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12248.**	**214630.**	**10200.**	**5956.6**
Stddev	22.	868.	29.	9.1
%RSD	.18171	.40432	.27999	.15337
#1	12270.	214360.	10232.	5963.8
#2	12226.	213930.	10176.	5946.3
#3	12247.	215600.	10193.	5959.7

Zoom In Zoom Out

Sample Name: jd49003-4 Acquired: 8/1/2022 17:41:42 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0009**	**.0336**	**.0005**	**.0321**	**.0299**	**.0001**	**.0001**	**8.991**	**.0002**
Stddev	.0003	.0245	.0011	.0006	.0003	.0001	.0011	.028	.0002
%RSD	35.16	72.98	224.3	1.932	1.038	35.98	1435.	.3069	82.95
#1	-.0008	.0615	-.0007	.0315	.0301	.0001	-.0011	8.983	.0000
#2	-.0012	.0155	.0014	.0323	.0301	.0002	.0010	9.022	.0002
#3	-.0006	.0237	.0008	.0327	.0296	.0001	.0003	8.968	.0003

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0012**	**.0007**	**.0017**	**.0055**	**.0135**	**1.047**	**.0034**	**3.181**	**.0128**
Stddev	.0008	.0002	.0002	.0001	.0014	.025	.0037	.034	.0001
%RSD	64.13	23.94	10.45	1.866	10.09	2.425	107.1	1.052	.6786
#1	-.0005	.0009	.0017	.0056	.0125	1.024	.0004	3.145	.0128
#2	-.0021	.0006	.0015	.0056	.0151	1.074	.0075	3.211	.0129
#3	-.0012	.0005	.0018	.0054	.0130	1.043	.0024	3.188	.0128

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**22.12**	**.0391**	**-.0009**	**-.0003**	**1.514**	**.0007**	**.0021**	**3.731**
Stddev	.0002	.05	.0002	.0005	.0006	.006	.0017	.0017	.002
%RSD	264.4	.2405	.5705	58.53	168.8	.3975	242.5	84.26	.0480
#1	.0001	22.15	.0389	-.0005	-.0007	1.514	.0010	.0023	3.729
#2	-.0001	22.15	.0393	-.0007	-.0006	1.507	.0022	.0037	3.730
#3	.0002	22.06	.0391	-.0015	.0003	1.519	-.0011	.0002	3.733

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**.0586**	**-.0001**	**-.0011**	**.0006**	**.0028**	**.0276**	**-.0001**
Stddev	.0006	.0003	.0000	.0020	.0001	.0008	.0000	.0001
%RSD	310.0	.4755	36.71	181.6	20.08	28.95	.1589	72.59
#1	-.0004	.0590	-.0001	-.0019	.0004	.0029	.0276	-.0002
#2	.0002	.0584	-.0001	-.0026	.0007	.0019	.0276	-.0000
#3	.0008	.0585	-.0002	.0012	.0006	.0034	.0277	-.0002

Zoom In Zoom Out

Sample Name: jd49003-4 Acquired: 8/1/2022 17:41:42 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12421.**	**215050.**	**10285.**	**6021.6**
Stddev	27.	487.	112.	15.6
%RSD	.22043	.22625	1.0918	.25969
#1	12390.	215440.	10280.	6005.8
#2	12430.	214500.	10176.	6037.1
#3	12443.	215200.	10400.	6021.8

Zoom In Zoom Out

Sample Name: jd49003-3f Acquired: 8/1/2022 17:46:36 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**.0247**	**.0001**	**.0249**	**.0407**	**.0001**	**.0008**	**12.01**	**.0003**
Stddev	.0002	.0054	.0008	.0007	.0005	.0002	.0005	.03	.0000
%RSD	67.71	22.07	916.8	2.700	1.217	228.8	56.91	.2223	11.46
#1	-.0001	.0207	-.0008	.0249	.0409	-.0000	.0013	12.04	.0003
#2	-.0006	.0309	.0004	.0242	.0411	-.0000	.0004	12.01	.0003
#3	-.0003	.0224	.0006	.0256	.0402	.0003	.0008	11.98	.0003

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0024**	**.0027**	**-.0001**	**.0005**	**.1338**	**1.363**	**.0016**	**4.742**	**.4932**
Stddev	.0040	.0001	.0004	.0002	.0038	.006	.0025	.012	.0009
%RSD	165.2	5.110	366.2	30.38	2.827	.4349	157.5	.2516	.1753
#1	-.0034	.0029	.0001	.0004	.1374	1.370	.0033	4.749	.4930
#2	.0020	.0027	-.0005	.0007	.1299	1.360	-.0013	4.748	.4941
#3	-.0058	.0026	.0001	.0005	.1341	1.359	.0027	4.728	.4924

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**48.21**	**.0034**	**-.0018**	**-.0003**	**3.856**	**-.0000**	**.0021**	**3.750**
Stddev	.0002	.14	.0002	.0006	.0003	.006	.0014	.0010	.008
%RSD	80.58	.2949	6.818	32.75	112.5	.1642	134700.	48.62	.2138
#1	.0001	48.36	.0036	-.0023	.0000	3.863	.0010	.0031	3.759
#2	.0001	48.18	.0031	-.0011	-.0002	3.855	.0007	.0023	3.746
#3	.0005	48.08	.0035	-.0019	-.0006	3.850	-.0017	.0010	3.745

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	**.1569**	**-.0002**	**.0000**	**.0008**	**.0020**	**.0081**	**-.0001**
Stddev	.0003	.0005	.0004	.0029	.0001	.0011	.0002	.0002
%RSD	61.32	.2915	199.6	11290.	9.106	54.26	2.327	330.6
#1	-.0002	.1570	-.0004	-.0031	.0008	.0032	.0083	-.0000
#2	-.0006	.1573	.0003	.0026	.0008	.0011	.0079	-.0003
#3	-.0007	.1564	-.0004	.0005	.0007	.0016	.0081	.0001

Zoom In Zoom Out

Sample Name: jd49003-3f Acquired: 8/1/2022 17:46:36 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12262.**	**215230.**	**10230.**	**5983.6**
Stddev	1.	1314.	60.	1.9
%RSD	.01168	.61037	.58442	.03130
#1	12263.	216460.	10176.	5985.7
#2	12262.	213850.	10221.	5982.9
#3	12260.	215400.	10294.	5982.1

Zoom In Zoom Out

Sample Name: jd49003-4f Acquired: 8/1/2022 17:51:28 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0007**	**.0063**	**.0004**	**.0314**	**.0291**	**.0001**	**.0007**	**8.984**	**-.0000**
Stddev	.0004	.0286	.0010	.0005	.0001	.0001	.0017	.010	.0002
%RSD	49.01	451.5	246.3	1.471	.3965	120.1	240.9	.1135	1686.
#1	-.0011	-.0039	-.0006	.0316	.0292	-.0000	-.0011	8.995	-.0001
#2	-.0005	.0386	.0014	.0317	.0290	.0001	.0010	8.976	-.0001
#3	-.0005	-.0158	.0004	.0309	.0291	.0001	.0023	8.980	.0002

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0020**	**.0004**	**.0012**	**.0036**	**.0048**	**.9866**	**.0017**	**3.187**	**.0125**
Stddev	.0018	.0001	.0004	.0002	.0011	.0458	.0044	.036	.0000
%RSD	90.05	26.21	32.52	4.269	21.86	4.645	260.1	1.122	.3705
#1	.0000	.0005	.0008	.0034	.0039	.9717	.0018	3.226	.0125
#2	.0023	.0003	.0016	.0036	.0060	.9502	-.0028	3.181	.0125
#3	.0035	.0003	.0012	.0037	.0046	1.038	.0060	3.155	.0125

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**21.94**	**.0372**	**-.0010**	**-.0000**	**1.455**	**-.0014**	**.0031**	**3.673**
Stddev	.0004	.03	.0006	.0002	.0005	.002	.0004	.0013	.004
%RSD	522.5	.1542	1.558	15.59	2570.	.1639	29.14	43.79	.1001
#1	.0003	21.98	.0366	-.0012	.0006	1.452	-.0009	.0022	3.670
#2	-.0004	21.93	.0373	-.0010	-.0003	1.456	-.0017	.0024	3.677
#3	.0003	21.92	.0378	-.0009	-.0004	1.457	-.0015	.0046	3.673

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	**.0575**	**.0001**	**-.0009**	**.0005**	**.0013**	**.0252**	**-.0001**
Stddev	.0005	.0000	.0001	.0017	.0004	.0012	.0001	.0001
%RSD	92.39	.0795	46.81	202.3	96.63	89.61	.2041	94.61
#1	-.0005	.0575	.0001	-.0020	.0008	.0003	.0252	.0000
#2	-.0010	.0576	.0001	-.0017	.0006	.0011	.0253	-.0003
#3	-.0000	.0575	.0002	.0011	-.0000	.0026	.0252	-.0002

Zoom In Zoom Out

Sample Name: jd49003-4f Acquired: 8/1/2022 17:51:28 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	12379.	216420.	10198.	6026.3
Stddev	26.	498.	5.	13.1
%RSD	.21326	.23030	.05030	.21731
#1	12402.	216790.	10203.	6033.7
#2	12350.	216610.	10193.	6011.1
#3	12384.	215850.	10199.	6034.0

Zoom In Zoom Out

Sample Name: ccv Acquired: 8/1/2022 17:56:21 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2494	38.29	2.017	1.970	2.005	1.933	2.029	38.88	1.929
Stddev	.0004	.01	.004	.004	.004	.003	.004	.05	.004
%RSD	.1593	.0270	.2112	.2260	.1814	.1581	.2071	.1367	.2157
#1	.2493	38.28	2.012	1.965	2.001	1.931	2.024	38.83	1.924
#2	.2499	38.30	2.019	1.969	2.008	1.936	2.032	38.94	1.932
#3	.2491	38.28	2.020	1.974	2.007	1.931	2.030	38.87	1.931
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.004	1.959	1.968	1.957	39.29	39.82	1.986	38.62	2.010
Stddev	.002	.001	.002	.002	.11	.09	.003	.06	.021
%RSD	.0994	.0423	.0844	.1097	.2869	.2142	.1463	.1512	1.069
#1	2.005	1.958	1.969	1.957	39.20	39.72	1.989	38.55	2.035
#2	2.002	1.960	1.966	1.955	39.42	39.89	1.984	38.66	1.998
#3	2.005	1.959	1.968	1.959	39.27	39.85	1.984	38.63	1.998
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.038	39.35	1.958	2.019	1.943	2.026	2.014	1.947	4.982
Stddev	.005	.09	.000	.002	.002	.005	.006	.010	.011
%RSD	.2260	.2271	.0098	.1023	.1255	.2625	.2963	.5139	.2169
#1	2.033	39.27	1.958	2.017	1.940	2.023	2.007	1.938	4.970
#2	2.040	39.45	1.958	2.020	1.944	2.023	2.017	1.944	4.991
#3	2.041	39.33	1.958	2.021	1.945	2.032	2.018	1.958	4.985
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 8/1/2022 17:56:21 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.054	1.994	2.037	1.912	1.948	2.007	1.945	2.068
Stddev	.005	.004	.002	.006	.003	.001	.004	.000
%RSD	.2282	.2119	.0946	.3269	.1475	.0550	.1812	.0160
#1	2.048	1.990	2.040	1.916	1.951	2.006	1.942	2.068
#2	2.057	1.998	2.036	1.915	1.946	2.007	1.948	2.069
#3	2.056	1.994	2.037	1.905	1.947	2.008	1.946	2.068
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	11907.	208850.	10090.	5895.1
Stddev	11.	800.	46.	12.5
%RSD	.09319	.38305	.45096	.21248
#1	11910.	208080.	10140.	5907.4
#2	11917.	208800.	10052.	5895.4
#3	11895.	209670.	10078.	5882.4

Zoom In Zoom Out

Sample Name: ccb Acquired: 8/1/2022 18:01:12 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0012	.0196	.0001	.0050	.0001	F .0002	.0016	.0032	.0000
Stddev	.0004	.0390	.0004	.0004	.0002	.0001	.0018	.0023	.0002
%RSD	32.90	198.8	302.8	7.688	316.8	21.86	110.6	71.71	447.2
#1	-.0008	-.0203	.0001	.0049	.0001	.0002	.0021	.0045	.0001
#2	-.0012	.0577	.0006	.0054	.0002	.0003	.0032	.0045	.0002
#3	-.0016	.0214	-.0002	.0046	-.0002	.0003	-.0004	.0005	-.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit						.0001			
Low Limit						-.0001			

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0013	.0001	-.0001	.0006	.0027	-.1170	F .0042	-.0172	.0001
Stddev	.0052	.0001	.0001	.0005	.0029	.0388	.0016	.0260	.0001
%RSD	391.0	244.8	91.90	77.67	110.7	33.20	36.69	151.4	34.69
#1	.0008	.0002	-.0001	.0001	.0011	-.0981	.0060	-.0129	.0002
#2	.0025	-.0001	-.0003	.0008	.0060	-.1616	.0031	.0064	.0001
#3	-.0073	.0001	-.0001	.0010	.0008	-.0911	.0036	-.0451	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit							.0023		
Low Limit							-.0023		

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011	-.2068	.0003	-.0017	-.0013	.0015	.0015	.0008	.0068
Stddev	.0001	.0103	.0003	.0009	.0007	.0028	.0026	.0031	.0011
%RSD	12.80	4.978	92.58	55.01	57.02	194.2	171.5	377.7	15.60
#1	.0009	-.2184	.0001	-.0027	-.0017	.0006	.0006	-.0024	.0079
#2	.0012	-.1985	.0006	-.0011	-.0004	.0046	-.0005	.0038	.0066
#3	.0011	-.2036	.0002	-.0012	-.0018	-.0008	.0045	.0011	.0058
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ccb Acquired: 8/1/2022 18:01:12 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**.0000**	**.0006**	**.0024**	**.0003**	**.0006**	**-.0006**	**.0001**
Stddev	.0005	.0000	.0003	.0009	.0002	.0003	.0002	.0002
%RSD	140.2	121.6	59.73	39.53	53.57	46.81	31.87	122.6
#1	-.0008	.0000	.0009	.0034	.0002	.0005	-.0004	.0002
#2	-.0002	-.0000	.0003	.0017	.0005	.0009	-.0007	.0003
#3	.0001	.0001	.0005	.0019	.0002	.0003	-.0008	-.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12639.**	**215390.**	**10202.**	**6067.3**
Stddev	17.	2210.	22.	10.9
%RSD	.13147	1.0258	.21846	.18005
#1	12621.	217880.	10180.	6057.8
#2	12653.	214630.	10224.	6079.2
#3	12644.	213670.	10202.	6064.7

Zoom In Zoom Out

Sample Name: mp34333-mb2 Acquired: 8/1/2022 18:06:14 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0010**	**.0173**	**.0000**	**.0042**	**.0000**	**-.0001**	**-.0005**	**.0136**	**.0000**
Stddev	.0002	.0327	.0009	.0001	.0004	.0001	.0016	.0022	.0002
%RSD	23.03	189.0	2305.	3.153	1791.	69.77	303.3	16.25	479.8
#1	-.0011	.0253	.0001	.0042	.0002	-.0001	.0012	.0136	-.0000
#2	-.0007	-.0187	.0009	.0040	-.0004	-.0002	-.0010	.0113	-.0001
#3	-.0011	.0453	-.0009	.0043	.0003	-.0000	-.0018	.0158	.0003

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**-.0001**	**-.0001**	**.0003**	**.0083**	**-.1125**	**.0033**	**-.0522**	**.0001**
Stddev	.0043	.0000	.0002	.0002	.0027	.0158	.0018	.0308	.0000
%RSD	1371.	52.36	141.9	68.53	32.30	14.00	55.16	58.89	25.21
#1	.0035	-.0001	-.0003	.0001	.0099	-.0945	.0054	-.0696	.0001
#2	.0004	-.0000	.0001	.0005	.0097	-.1194	.0027	-.0703	.0001
#3	-.0049	-.0001	-.0001	.0002	.0052	-.1236	.0019	-.0167	.0001

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**-.2219**	**.0001**	**-.0004**	**-.0003**	**.0022**	**-.0005**	**.0021**	**.0126**
Stddev	.0003	.0085	.0003	.0005	.0006	.0028	.0011	.0003	.0009
%RSD	62.88	3.844	362.1	141.4	222.8	126.6	208.6	14.11	6.802
#1	.0004	-.2281	-.0003	.0002	-.0000	.0049	-.0018	.0024	.0136
#2	.0002	-.2122	.0003	-.0009	.0002	.0025	.0000	.0018	.0121
#3	.0007	-.2254	.0002	-.0004	-.0010	-.0007	.0002	.0020	.0122

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0000**	**-.0001**	**.0004**	**-.0004**	**.0004**	**.0020**	**.0018**	**.0003**
Stddev	.0005	.0000	.0005	.0024	.0002	.0006	.0001	.0001
%RSD	7524.	53.20	129.2	554.3	55.24	30.06	6.815	27.93
#1	-.0005	-.0001	.0010	.0022	.0005	.0027	.0019	.0005
#2	.0003	-.0001	.0000	-.0009	.0006	.0019	.0017	.0003
#3	.0002	-.0000	.0002	-.0026	.0002	.0015	.0019	.0003

Zoom In Zoom Out

Sample Name: mp34333-mb2 Acquired: 8/1/2022 18:06:14 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12612.**	**219560.**	**10224.**	**6066.0**
Stddev	23.	1251.	37.	10.5
%RSD	.18326	.56980	.36052	.17266
#1	12595.	219880.	10258.	6065.4
#2	12602.	220620.	10228.	6055.8
#3	12638.	218180.	10185.	6076.7

Zoom In Zoom Out

Sample Name: mp34333-b2 Acquired: 8/1/2022 18:11:08 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2445**	**30.50**	**1.945**	**1.889**	**1.953**	**1.894**	**.0276**	**31.22**
Stddev	.0001	.11	.005	.003	.003	.004	.0011	.04
%RSD	.0324	.3648	.2630	.1670	.1552	.2311	4.066	.1160
#1	.2444	30.58	1.949	1.887	1.954	1.898	.0278	31.25
#2	.2445	30.54	1.940	1.887	1.950	1.893	.0287	31.23
#3	.2445	30.37	1.948	1.892	1.956	1.890	.0264	31.18

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.868**	**-.0350**	**1.909**	**1.914**	**1.913**	**31.29**	**31.60**	**.0415**
Stddev	.003	.0041	.002	.001	.003	.04	.04	.0014
%RSD	.1381	11.70	.1004	.0466	.1464	.1197	.1267	3.457
#1	1.870	-.0387	1.910	1.914	1.914	31.31	31.61	.0404
#2	1.865	-.0306	1.907	1.913	1.914	31.25	31.56	.0431
#3	1.869	-.0357	1.911	1.915	1.909	31.32	31.64	.0409

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**30.75**	**1.970**	**1.969**	**31.31**	**1.901**	**1.940**	**1.888**	F **-.0868**
Stddev	.07	.014	.004	.05	.003	.004	.001	.0048
%RSD	.2125	.7140	.2030	.1721	.1663	.2153	.0483	5.541
#1	30.80	1.986	1.967	31.37	1.905	1.940	1.889	-.0816
#2	30.77	1.962	1.966	31.26	1.899	1.935	1.888	-.0877
#3	30.67	1.961	1.973	31.32	1.901	1.943	1.887	-.0911

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.957**	**1.876**	**.2285**	**1.926**	**1.941**	**1.987**	**1.863**	**1.887**
Stddev	.005	.003	.0010	.003	.004	.002	.007	.001
%RSD	.2327	.1439	.4369	.1649	.1833	.1028	.3571	.0414
#1	1.959	1.877	.2297	1.930	1.941	1.989	1.870	1.887
#2	1.952	1.873	.2280	1.923	1.937	1.985	1.857	1.886
#3	1.959	1.878	.2279	1.926	1.944	1.988	1.862	1.886

Zoom In Zoom Out

Sample Name: mp34333-b2 Acquired: 8/1/2022 18:11:08 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**1.349**	**1.934**	**2.004**
Stddev	.013	.004	.000
%RSD	.9497	.1824	.0204
#1	1.337	1.938	2.005
#2	1.348	1.931	2.004
#3	1.362	1.933	2.004

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12019.**	**211260.**	**10232.**	**5910.5**
Stddev	17.	904.	70.	6.6
%RSD	.14229	.42785	.68879	.11122
#1	12003.	210460.	10174.	5905.6
#2	12017.	212240.	10311.	5907.9
#3	12037.	211090.	10212.	5917.9

Zoom In Zoom Out

Sample Name: jd49004-13 Acquired: 8/1/2022 18:15:57 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0014**	**.0237**	**.0012**	**.0049**	**-.0000**	**-.0000**	**-.0002**	**.0111**
Stddev	.0004	.0425	.0007	.0005	.0005	.0001	.0005	.0028
%RSD	31.23	179.2	61.70	9.246	1338.	259.4	240.0	24.85
#1	-.0010	.0649	.0011	.0047	-.0005	-.0001	-.0007	.0080
#2	-.0019	.0261	.0005	.0046	-.0001	-.0000	.0004	.0130
#3	-.0014	-.0199	.0019	.0054	.0005	.0001	-.0003	.0125

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**.0002**	**.0001**	**.0003**	**.0004**	**.0058**	**-.0585**	**.0028**
Stddev	.0001	.0050	.0002	.0002	.0002	.0024	.0112	.0036
%RSD	52.04	3219.	172.9	64.07	37.84	41.93	19.12	129.7
#1	.0001	-.0023	-.0001	.0002	.0003	.0035	-.0714	-.0010
#2	.0003	.0059	.0001	.0005	.0003	.0084	-.0524	.0031
#3	.0003	-.0032	.0003	.0001	.0006	.0055	-.0517	.0063

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0026**	**.0001**	**.0019**	**-.2008**	**-.0000**	**.0003**	**-.0005**	**.0057**
Stddev	.0256	.0000	.0003	.0081	.0002	.0008	.0009	.0012
%RSD	975.7	29.39	17.71	4.022	424.8	244.8	173.4	20.83
#1	-.0073	.0001	.0019	-.2061	.0001	.0013	-.0009	.0071
#2	-.0256	.0001	.0022	-.2049	-.0000	-.0000	-.0012	.0049
#3	.0250	.0001	.0016	-.1915	-.0003	-.0002	.0005	.0052

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**.0019**	**.0087**	**.0002**	**-.0001**	**.0004**	F **-.0024**	**.0011**
Stddev	.0014	.0027	.0016	.0003	.0001	.0001	.0005	.0001
%RSD	2259.	144.3	17.82	123.5	61.33	36.06	19.60	9.535
#1	.0014	-.0012	.0104	.0000	-.0000	.0003	-.0024	.0011
#2	.0002	.0032	.0074	.0001	-.0001	.0005	-.0019	.0011
#3	-.0014	.0037	.0083	.0005	-.0001	.0004	-.0029	.0009

Zoom In Zoom Out

Sample Name: jd49004-13 Acquired: 8/1/2022 18:15:57 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0326**	**.0017**	**.0020**
Stddev	.0034	.0001	.0002
%RSD	10.31	3.273	7.819
#1	.0359	.0017	.0022
#2	.0326	.0016	.0020
#3	.0292	.0018	.0019

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12698.**	**219040.**	**10286.**	**6101.4**
Stddev	8.	2298.	136.	10.4
%RSD	.06496	1.0492	1.3266	.17046
#1	12696.	218210.	10441.	6102.0
#2	12691.	221640.	10187.	6090.7
#3	12707.	217280.	10228.	6111.5

Zoom In Zoom Out

Sample Name: jd49072-13 Acquired: 8/1/2022 18:20:57 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0011**	**.0201**	**.0022**	**.3916**	**.1441**	**-.0000**	**.0042**	F **224.1**	**.0005**
Stddev	.0003	.0116	.0012	.0005	.0003	.0000	.0026	.2	.0001
%RSD	30.46	57.86	55.58	.1302	.2385	110.1	61.34	.1021	20.65
#1	.0007	.0145	.0021	.3919	.1444	-.0000	.0020	224.3	.0004
#2	.0013	.0122	.0011	.3920	.1442	-.0000	.0070	224.0	.0006
#3	.0013	.0334	.0035	.3910	.1437	-.0001	.0035	223.9	.0005

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0014**	**.0023**	**.0001**	**.0017**	**3.726**	**1.998**	**.0121**	**79.30**	**3.163**
Stddev	.0022	.0002	.0003	.0002	.014	.035	.0019	.05	.036
%RSD	161.5	9.872	378.4	9.616	.3718	1.776	15.63	.0665	1.128
#1	.0006	.0022	.0004	.0015	3.736	1.971	.0113	79.36	3.203
#2	-.0010	.0026	.0000	.0019	3.710	2.038	.0106	79.30	3.136
#3	-.0038	.0022	-.0002	.0017	3.731	1.985	.0142	79.25	3.148

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0019**	F **456.9**	**.0051**	**.0232**	**.0005**	**84.02**	**-.0022**	**.0075**	**9.048**
Stddev	.0003	5.7	.0001	.0007	.0007	.05	.0012	.0021	.004
%RSD	13.28	1.244	2.217	2.859	135.8	.0610	53.69	28.50	.0391
#1	.0016	451.3	.0051	.0239	.0013	83.99	-.0014	.0058	9.052
#2	.0020	462.6	.0050	.0231	.0001	84.08	-.0016	.0068	9.047
#3	.0021	456.8	.0053	.0226	.0001	84.00	-.0036	.0099	9.045

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0008**	**1.120**	**.0004**	**.0036**	**-.0011**	**.0170**	**.0071**	**.0015**
Stddev	.0002	.004	.0004	.0003	.0001	.0009	.0001	.0002
%RSD	20.78	.3151	88.68	8.719	8.486	5.507	1.804	15.32
#1	-.0010	1.123	-.0000	.0038	-.0011	.0176	.0072	.0017
#2	-.0007	1.120	.0006	.0039	-.0012	.0159	.0069	.0013
#3	-.0008	1.116	.0006	.0033	-.0010	.0174	.0071	.0013

Zoom In Zoom Out

Sample Name: jd49072-13 Acquired: 8/1/2022 18:20:57 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**11091.**	**200920.**	**10023.**	**5568.1**
Stddev	12.	851.	86.	5.1
%RSD	.10540	.42368	.85685	.09183
#1	11089.	201050.	10116.	5572.0
#2	11104.	200010.	9947.3	5570.0
#3	11081.	201700.	10005.	5562.3

Zoom In Zoom Out

Sample Name: jd49072-15 Acquired: 8/1/2022 18:26:04 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**.8823**	**.0034**	**.2803**	**.1605**	**.0000**	**-.0007**	**71.00**	**.0002**
Stddev	.0001	.0075	.0008	.0005	.0002	.0001	.0007	.07	.0002
%RSD	18.94	.8476	24.68	.1915	.1038	1080.	111.6	.1053	90.11
#1	.0006	.8866	.0039	.2800	.1606	-.0001	-.0014	71.07	.0002
#2	.0008	.8866	.0038	.2809	.1607	.0000	.0000	70.92	.0000
#3	.0006	.8736	.0024	.2799	.1603	.0001	-.0006	71.02	.0003

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0023**	**-.0000**	**.0067**	**.0125**	**1.479**	**3.628**	**.0202**	**20.35**	**.1681**
Stddev	.0088	.0004	.0000	.0003	.001	.021	.0003	.04	.0002
%RSD	379.5	1585.	.3399	2.177	.0793	.5668	1.507	.1745	.1345
#1	-.0114	.0004	.0067	.0124	1.480	3.624	.0205	20.39	.1682
#2	.0061	-.0003	.0067	.0123	1.478	3.610	.0199	20.34	.1683
#3	-.0016	-.0002	.0067	.0128	1.478	3.650	.0202	20.32	.1679

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0034**	**45.96**	**.0027**	**.0484**	**.0014**	**4.900**	**-.0000**	**.0055**	**13.42**
Stddev	.0001	.05	.0001	.0005	.0008	.022	.0006	.0011	.03
%RSD	2.299	.1090	2.806	.9453	59.86	.4560	3658.	19.99	.1879
#1	.0034	45.95	.0026	.0480	.0021	4.923	-.0007	.0043	13.45
#2	.0034	45.91	.0026	.0489	.0005	4.896	.0003	.0064	13.41
#3	.0035	46.01	.0027	.0483	.0015	4.879	.0003	.0057	13.40

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0000**	**.9164**	**.0202**	**.0021**	**.0029**	**.0121**	**.0234**	**-.0001**
Stddev	.0003	.0009	.0001	.0010	.0002	.0007	.0001	.0003
%RSD	616.9	.0964	.6494	47.31	6.444	5.423	.3402	220.2
#1	-.0003	.9167	.0203	.0028	.0031	.0121	.0234	-.0004
#2	.0003	.9155	.0203	.0025	.0027	.0115	.0234	.0000
#3	-.0001	.9171	.0201	.0010	.0030	.0128	.0235	.0000

Zoom In Zoom Out

Sample Name: jd49072-15 Acquired: 8/1/2022 18:26:04 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12001.**	**212610.**	**10080.**	**5900.2**
Stddev	2.	732.	55.	8.2
%RSD	.01867	.34448	.54932	.13945
#1	11999.	213420.	10143.	5891.8
#2	12000.	211990.	10059.	5900.4
#3	12003.	212410.	10038.	5908.2

Zoom In Zoom Out

Sample Name: jd49072-13f Acquired: 8/1/2022 18:30:55 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010**	**-.0682**	**.0014**	**.3824**	**.1395**	**.0000**	**.0027**	F **217.5**	**.0004**
Stddev	.0002	.0161	.0003	.0004	.0003	.0001	.0009	.3	.0001
%RSD	20.82	23.55	24.53	.1084	.1942	3369.	34.48	.1232	13.73
#1	.0007	-.0857	.0011	.3821	.1393	.0000	.0032	217.7	.0004
#2	.0011	-.0542	.0018	.3823	.1398	.0001	.0016	217.7	.0005
#3	.0010	-.0646	.0013	.3829	.1394	-.0001	.0032	217.2	.0004

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0062**	**.0021**	**-.0018**	**.0029**	**2.768**	**1.871**	**.0113**	**77.12**	**3.070**
Stddev	.0013	.0003	.0001	.0005	.015	.010	.0036	.31	.035
%RSD	20.15	12.04	4.306	15.84	.5454	.5389	32.05	.4029	1.132
#1	-.0049	.0018	-.0018	.0027	2.783	1.882	.0113	77.28	3.034
#2	-.0064	.0022	-.0017	.0034	2.767	1.862	.0148	77.31	3.073
#3	-.0074	.0023	-.0019	.0026	2.753	1.870	.0076	76.76	3.103

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0017**	F **435.3**	**.0056**	**.0080**	**.0004**	**80.79**	**-.0030**	**.0066**	**8.562**
Stddev	.0002	5.2	.0003	.0012	.0009	.19	.0013	.0017	.017
%RSD	14.71	1.195	6.046	14.49	234.5	.2358	42.66	25.00	.2037
#1	.0016	435.9	.0057	.0089	.0011	80.90	-.0040	.0059	8.567
#2	.0020	440.3	.0053	.0067	.0006	80.57	-.0016	.0054	8.543
#3	.0015	429.9	.0060	.0084	-.0006	80.89	-.0035	.0085	8.577

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0006**	**1.082**	**-.0012**	**.0049**	**-.0014**	**.0109**	**.0144**	**.0002**
Stddev	.0004	.001	.0002	.0008	.0004	.0003	.0000	.0001
%RSD	67.78	.1254	20.51	17.03	32.09	3.061	.0291	40.29
#1	-.0001	1.081	-.0009	.0039	-.0016	.0109	.0144	.0002
#2	-.0009	1.081	-.0013	.0055	-.0016	.0107	.0144	.0003
#3	-.0009	1.083	-.0013	.0053	-.0009	.0113	.0144	.0001

Zoom In Zoom Out

Sample Name: jd49072-13f Acquired: 8/1/2022 18:30:55 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**11030.**	**198150.**	**9968.2**	**5542.0**
Stddev	4.	274.	48.0	9.2
%RSD	.03788	.13826	.48128	.16649
#1	11025.	197910.	9961.8	5536.0
#2	11032.	198090.	9923.6	5552.6
#3	11033.	198450.	10019.	5537.4

Zoom In Zoom Out

Sample Name: jd49072-15f Acquired: 8/1/2022 18:36:02 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**-.0154**	**.0039**	**.2953**	**.1642**	**-.0001**	**.0020**	**78.27**	**.0003**
Stddev	.0003	.0074	.0002	.0005	.0004	.0001	.0018	.14	.0002
%RSD	369.4	48.09	4.686	.1816	.2689	85.34	90.28	.1850	53.53
#1	-.0001	-.0112	.0039	.2949	.1646	-.0002	-.0001	78.41	.0004
#2	-.0000	-.0110	.0040	.2959	.1642	-.0000	.0030	78.29	.0001
#3	.0004	-.0239	.0037	.2952	.1637	-.0002	.0031	78.12	.0003

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**-.0002**	**.0002**	**.0010**	**.6836**	**3.786**	**.0180**	**22.24**	**.1747**
Stddev	.0021	.0005	.0001	.0005	.0038	.028	.0012	.07	.0001
%RSD	1335.	193.3	95.13	45.47	.5533	.7511	6.639	.2933	.0577
#1	-.0002	-.0006	.0002	.0012	.6872	3.793	.0194	22.20	.1746
#2	-.0022	.0003	.0003	.0005	.6797	3.754	.0174	22.21	.1748
#3	.0020	-.0004	-.0000	.0014	.6838	3.809	.0172	22.32	.1747

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0030**	**51.47**	**.0009**	**.0106**	**-.0005**	**5.367**	**.0018**	**.0048**	**12.52**
Stddev	.0002	.10	.0003	.0006	.0013	.008	.0008	.0025	.01
%RSD	5.376	.1914	34.41	5.282	273.7	.1516	47.44	51.58	.0965
#1	.0032	51.54	.0010	.0113	.0009	5.360	.0026	.0020	12.53
#2	.0029	51.51	.0006	.0102	-.0015	5.366	.0010	.0064	12.52
#3	.0030	51.36	.0012	.0105	-.0008	5.376	.0017	.0062	12.51

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0012**	**1.016**	**-.0004**	**.0013**	**.0006**	**.0084**	**.0032**	**-.0008**
Stddev	.0004	.003	.0002	.0027	.0002	.0002	.0002	.0002
%RSD	35.55	.3098	52.22	204.1	31.18	2.338	7.103	24.63
#1	-.0016	1.016	-.0004	-.0014	.0007	.0084	.0029	-.0006
#2	-.0010	1.018	-.0006	.0040	.0004	.0083	.0033	-.0007
#3	-.0008	1.012	-.0002	.0015	.0007	.0087	.0033	-.0010

Zoom In Zoom Out

Sample Name: jd49072-15f Acquired: 8/1/2022 18:36:02 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**11907.**	**210470.**	**10062.**	**5836.8**
Stddev	24.	122.	43.	11.0
%RSD	.20167	.05773	.43154	.18927
#1	11889.	210600.	10021.	5827.4
#2	11934.	210360.	10107.	5849.0
#3	11899.	210450.	10058.	5833.9

Zoom In Zoom Out

Sample Name: mp34298-mb1conf Acquired: 8/1/2022 18:40:54 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0013**	**.0302**	**.0005**	**.0081**	**.0008**	**.0001**	**.0016**	**.2792**	**.0003**
Stddev	.0006	.0280	.0005	.0006	.0005	.0002	.0015	.0039	.0000
%RSD	46.63	92.69	100.8	6.827	62.66	211.2	92.55	1.394	11.66
#1	-.0017	.0406	.0010	.0082	.0012	-.0000	.0016	.2803	.0003
#2	-.0006	.0516	-.0001	.0087	.0010	.0000	.0001	.2823	.0003
#3	-.0017	-.0015	.0006	.0076	.0002	.0003	.0031	.2748	.0003

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0040**	**.0002**	**.0010**	**.0016**	**.0247**	**-.0363**	**.0037**	**-.0099**	**.0008**
Stddev	.0013	.0002	.0001	.0002	.0012	.0574	.0026	.0200	.0000
%RSD	31.71	159.1	7.699	11.65	4.658	158.1	70.47	202.6	3.511
#1	-.0055	.0003	.0011	.0018	.0260	-.0579	.0014	-.0259	.0008
#2	-.0030	-.0001	.0010	.0016	.0238	-.0797	.0066	-.0161	.0008
#3	-.0037	.0003	.0010	.0014	.0243	.0287	.0032	.0125	.0009

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**-.0347**	**.0013**	**.0283**	**-.0004**	**.0252**	**-.0024**	**-.0006**	**.0150**
Stddev	.0003	.0164	.0002	.0009	.0005	.0012	.0014	.0023	.0006
%RSD	82.22	47.32	15.54	3.177	135.8	4.875	59.06	359.3	3.970
#1	.0003	-.0454	.0014	.0293	-.0009	.0244	-.0025	.0017	.0145
#2	.0007	-.0430	.0010	.0277	-.0002	.0266	-.0038	-.0028	.0149
#3	.0001	-.0158	.0014	.0278	.0000	.0245	-.0010	-.0008	.0157

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0255**	**.0007**	**.0008**	**.0002**	**.0002**	**.0013**	**.0273**	**.0002**
Stddev	.0003	.0001	.0002	.0012	.0005	.0006	.0001	.0001
%RSD	1.155	7.834	23.24	664.9	227.7	48.20	.4559	46.72
#1	.0252	.0008	.0007	-.0012	.0008	.0021	.0273	.0003
#2	.0255	.0007	.0010	.0005	-.0000	.0010	.0275	.0001
#3	.0258	.0007	.0007	.0013	-.0001	.0009	.0273	.0002

Zoom In Zoom Out

Sample Name: mp34298-mb1conf Acquired: 8/1/2022 18:40:54 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12645.**	**217740.**	**10181.**	**6042.4**
Stddev	54.	899.	22.	31.2
%RSD	.42807	.41307	.21582	.51717
#1	12667.	217910.	10202.	6051.1
#2	12583.	216760.	10158.	6007.7
#3	12685.	218530.	10184.	6068.3

Zoom In Zoom Out

Sample Name: jd48765-1 7 Acquired: 8/1/2022 18:45:48 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0033**	**318.2**	**.0358**	**.0305**	**1.310**	**.0141**	**-.0037**	**17.22**
Stddev	.0032	.3	.0079	.0049	.002	.0003	.0036	.08
%RSD	94.89	.0902	22.07	16.11	.1597	2.230	99.30	.4384
#1	-.0026	318.6	.0433	.0296	1.312	.0142	-.0069	17.30
#2	-.0068	318.0	.0275	.0261	1.308	.0138	.0003	17.15
#3	-.0006	318.2	.0365	.0358	1.311	.0144	-.0044	17.21

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0101**	**.6503**	**.1574**	**.4395**	**.2749**	**316.8**	**75.88**	**.2521**
Stddev	.0002	.0116	.0021	.0014	.0010	.7	.20	.0096
%RSD	1.684	1.777	1.350	.3158	.3589	.2323	.2578	3.806
#1	.0099	.6479	.1555	.4405	.2738	317.7	75.93	.2416
#2	.0102	.6629	.1597	.4379	.2757	316.3	76.05	.2604
#3	.0101	.6401	.1570	.4401	.2752	316.5	75.67	.2542

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**84.63**	**3.999**	**.0055**	**3.755**	**.3136**	**4.825**	**.2078**	**1.043**
Stddev	.19	.005	.0017	.045	.0014	.014	.0036	.007
%RSD	.2195	.1367	31.08	1.192	.4444	.2824	1.729	.7085
#1	84.55	3.999	.0074	3.793	.3121	4.822	.2048	1.038
#2	84.50	4.004	.0049	3.705	.3148	4.812	.2068	1.051
#3	84.84	3.993	.0041	3.766	.3141	4.839	.2118	1.039

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0021**	**-.0043**	**2.588**	**.0280**	**.0888**	**12.75**	F **-.0154**	**.5391**
Stddev	.0024	.0072	.027	.0019	.0007	.01	.0118	.0002
%RSD	116.4	167.6	1.049	6.877	.8257	.0943	76.53	.0430
#1	-.0027	-.0126	2.605	.0271	.0892	12.76	-.0280	.5393
#2	-.0042	-.0012	2.602	.0268	.0879	12.74	-.0138	.5391
#3	.0006	.0008	2.556	.0302	.0892	12.75	-.0046	.5388

Zoom In Zoom Out

Sample Name: jd48765-1 7 Acquired: 8/1/2022 18:45:48 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0194**	**1.009**	**.0430**
Stddev	.0057	.002	.0003
%RSD	29.56	.2321	.7492
#1	.0218	1.007	.0426
#2	.0128	1.010	.0432
#3	.0235	1.011	.0431

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12206.**	**215220.**	**10180.**	**6032.3**
Stddev	28.	628.	26.	14.2
%RSD	.23298	.29190	.25907	.23610
#1	12238.	214520.	10182.	6044.8
#2	12194.	215720.	10153.	6035.3
#3	12185.	215440.	10205.	6016.8

Zoom In Zoom Out

Sample Name: ccv Acquired: 8/1/2022 18:50:39 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2495**	**37.86**	**2.029**	**1.973**	**2.027**	**1.930**	**2.051**	**38.74**	**1.932**
Stddev	.0011	.12	.002	.004	.001	.004	.002	.07	.002
%RSD	.4293	.3239	.1024	.2122	.0621	.2006	.0730	.1800	.1092
#1	.2484	37.99	2.027	1.969	2.025	1.935	2.049	38.79	1.929
#2	.2505	37.83	2.029	1.974	2.027	1.930	2.051	38.77	1.933
#3	.2497	37.75	2.031	1.977	2.028	1.927	2.052	38.66	1.933
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.985**	**1.960**	**1.969**	**1.962**	**39.17**	**40.21**	**1.983**	**38.18**	**2.034**
Stddev	.002	.003	.001	.000	.06	.02	.004	.20	.013
%RSD	.0977	.1617	.0625	.0142	.1598	.0444	.1846	.5257	.6558
#1	1.987	1.962	1.967	1.962	39.24	40.20	1.987	38.39	2.046
#2	1.983	1.956	1.970	1.962	39.11	40.20	1.983	38.16	2.037
#3	1.986	1.961	1.969	1.962	39.17	40.23	1.980	37.99	2.020
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.055**	**39.45**	**1.944**	**2.053**	**1.931**	**2.082**	**2.021**	**1.962**	**4.980**
Stddev	.002	.04	.002	.000	.001	.005	.004	.003	.001
%RSD	.1125	.1003	.0989	.0161	.0742	.2620	.1976	.1440	.0262
#1	2.052	39.48	1.946	2.053	1.932	2.076	2.019	1.959	4.979
#2	2.056	39.48	1.942	2.053	1.932	2.083	2.026	1.965	4.980
#3	2.056	39.41	1.944	2.053	1.929	2.087	2.019	1.961	4.981
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 8/1/2022 18:50:39 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.066**	**2.012**	**2.044**	**1.851**	**1.952**	**2.028**	**1.944**	**2.075**
Stddev	.003	.001	.003	.007	.003	.004	.004	.001
%RSD	.1663	.0634	.1354	.3644	.1753	.1765	.2207	.0229
#1	2.063	2.013	2.041	1.851	1.948	2.024	1.939	2.074
#2	2.067	2.010	2.046	1.858	1.953	2.030	1.945	2.075
#3	2.070	2.011	2.045	1.845	1.955	2.031	1.947	2.074
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**11837.**	**207440.**	**9961.5**	**5797.8**
Stddev	18.	530.	30.5	20.3
%RSD	.14982	.25548	.30659	.35075
#1	11858.	206890.	9976.8	5821.2
#2	11830.	207460.	9981.4	5787.8
#3	11825.	207950.	9926.4	5784.4

Zoom In Zoom Out

Sample Name: ccb Acquired: 8/1/2022 18:55:30 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0018**	**.0090**	**.0002**	**.0031**	**.0001**	**-.0000**	**.0018**	**-.0005**	**-.0001**
Stddev	.0002	.0044	.0007	.0008	.0000	.0001	.0020	.0038	.0002
%RSD	12.89	49.13	323.8	26.64	48.30	301.1	110.4	703.2	291.0
#1	-.0015	.0065	-.0004	.0032	.0001	-.0001	.0040	-.0036	.0001
#2	-.0020	.0141	.0010	.0022	.0000	.0001	.0011	-.0018	-.0000
#3	-.0019	.0063	.0001	.0038	.0001	-.0000	.0003	.0037	-.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0018**	**-.0004**	**-.0001**	**.0001**	**.0060**	**-.0959**	F **.0061**	**-.0035**	**.0001**
Stddev	.0062	.0002	.0003	.0003	.0015	.0427	.0013	.0395	.0000
%RSD	348.3	54.04	284.2	434.8	24.50	44.54	20.71	1118.	41.43
#1	.0054	-.0004	.0002	.0003	.0067	-.1304	.0074	-.0457	.0001
#2	-.0057	-.0002	-.0004	-.0003	.0071	-.1093	.0049	.0326	.0002
#3	-.0050	-.0006	-.0001	.0002	.0043	-.0481	.0060	.0025	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit							.0023		
Low Limit							-.0023		

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0013**	**-.1752**	**.0001**	**-.0011**	**-.0012**	**.0006**	**-.0012**	**.0005**	**.0027**
Stddev	.0000	.0071	.0003	.0004	.0021	.0021	.0023	.0003	.0008
%RSD	2.611	4.061	356.4	37.42	179.5	370.2	185.1	58.88	29.67
#1	.0013	-.1750	.0003	-.0016	.0008	.0026	-.0037	.0009	.0025
#2	.0012	-.1823	.0002	-.0010	-.0034	-.0016	.0009	.0005	.0020
#3	.0012	-.1681	-.0002	-.0008	-.0010	.0007	-.0009	.0003	.0036
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ccb Acquired: 8/1/2022 18:55:30 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**.0000**	**.0006**	**.0030**	**.0008**	**.0027**	**-.0006**	**.0003**
Stddev	.0004	.0001	.0003	.0025	.0002	.0007	.0001	.0002
%RSD	818.4	760.4	55.42	84.97	26.16	27.59	15.91	61.14
#1	.0004	.0001	.0008	.0002	.0009	.0021	-.0007	.0003
#2	-.0003	-.0001	.0007	.0036	.0006	.0035	-.0006	.0001
#3	-.0002	.0001	.0002	.0051	.0010	.0024	-.0006	.0004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12617.**	**216170.**	**10033.**	**6021.3**
Stddev	24.	747.	78.	14.6
%RSD	.19157	.34559	.78062	.24178
#1	12642.	216110.	9943.0	6037.9
#2	12594.	216940.	10079.	6010.7
#3	12615.	215450.	10078.	6015.4

Zoom In Zoom Out

Sample Name: mp34315-mb1conf Acquired: 8/1/2022 19:00:27 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**.3787**	**.0128**	**.0205**	**.0248**	**.0227**	**.0000**	**.4201**	**.0128**
Stddev	.0004	.0662	.0009	.0010	.0052	.0046	.0018	.0601	.0003
%RSD	91.13	17.49	6.714	4.722	20.82	20.20	43850.	14.30	2.629
#1	.0008	.4551	.0137	.0212	.0304	.0276	-.0021	.4839	.0132
#2	.0001	.3379	.0127	.0209	.0240	.0221	.0013	.4116	.0127
#3	.0003	.3430	.0120	.0194	.0201	.0185	.0009	.3647	.0126

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0007**	**.0131**	**.0161**	**.0155**	**.3647**	**.2244**	**.0047**	**.3300**	**.0170**
Stddev	.0019	.0006	.0011	.0009	.0698	.0648	.0019	.0738	.0011
%RSD	274.2	4.625	7.060	6.069	19.14	28.87	39.47	22.35	6.567
#1	.0027	.0138	.0173	.0165	.4394	.2991	.0068	.3948	.0182
#2	-.0011	.0128	.0161	.0155	.3534	.1902	.0044	.3455	.0168
#3	.0005	.0127	.0150	.0146	.3012	.1839	.0031	.2497	.0160

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0141**	**.2021**	**.0132**	**.0356**	**.0132**	**.0158**	**.0114**	**.0124**	**.0413**
Stddev	.0005	.0640	.0006	.0005	.0002	.0021	.0005	.0009	.0006
%RSD	3.504	31.68	4.289	1.277	1.312	13.41	4.196	6.996	1.408
#1	.0147	.2717	.0139	.0360	.0134	.0138	.0120	.0114	.0410
#2	.0138	.1890	.0128	.0355	.0132	.0180	.0113	.0129	.0419
#3	.0139	.1457	.0130	.0351	.0130	.0155	.0110	.0129	.0409

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0319**	**.0247**	**.0165**	**.0119**	**.0149**	**.0146**	**.0194**	**.0155**
Stddev	.0004	.0053	.0012	.0017	.0010	.0010	.0003	.0012
%RSD	1.294	21.46	7.490	14.12	6.708	7.028	1.781	7.998
#1	.0318	.0303	.0178	.0113	.0160	.0157	.0198	.0168
#2	.0324	.0240	.0162	.0107	.0145	.0137	.0193	.0153
#3	.0316	.0198	.0154	.0138	.0141	.0144	.0191	.0143

Zoom In Zoom Out

Sample Name: mp34315-mb1conf Acquired: 8/1/2022 19:00:27 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12677.**	**219330.**	**10302.**	**6077.8**
Stddev	37.	735.	22.	17.1
%RSD	.29448	.33523	.21283	.28205
#1	12662.	220150.	10327.	6075.6
#2	12649.	218740.	10290.	6061.9
#3	12719.	219090.	10288.	6096.0

Zoom In Zoom Out

Sample Name: mp34315-b1conf Acquired: 8/1/2022 19:05:21 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2387**	**24.34**	**1.958**	**1.885**	**1.999**	**1.916**	**.0279**	**24.89**
Stddev	.0002	.03	.002	.003	.003	.002	.0019	.05
%RSD	.0698	.1400	.1052	.1325	.1384	.1238	6.912	.1873
#1	.2385	24.32	1.957	1.883	1.999	1.916	.0285	24.92
#2	.2389	24.32	1.957	1.884	1.996	1.913	.0295	24.83
#3	.2388	24.38	1.961	1.888	2.002	1.918	.0258	24.91

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.889**	**-.0363**	**1.936**	**1.941**	**1.939**	**25.25**	**25.38**	**.0493**
Stddev	.004	.0019	.002	.001	.002	.03	.02	.0011
%RSD	.2236	5.201	.1167	.0368	.1194	.1001	.0914	2.174
#1	1.884	-.0382	1.935	1.942	1.941	25.28	25.35	.0503
#2	1.892	-.0363	1.939	1.941	1.937	25.26	25.39	.0493
#3	1.891	-.0344	1.934	1.941	1.939	25.23	25.39	.0482

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**24.51**	**1.987**	**1.983**	**25.08**	**1.921**	**2.030**	**1.910**	F **-.0999**
Stddev	.02	.013	.003	.04	.003	.004	.003	.0051
%RSD	.1009	.6457	.1400	.1547	.1426	.1779	.1772	5.154
#1	24.49	1.995	1.983	25.13	1.919	2.033	1.908	-.1010
#2	24.54	1.972	1.981	25.06	1.924	2.026	1.914	-.0942
#3	24.50	1.993	1.986	25.07	1.919	2.032	1.908	-.1043

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.948**	**1.905**	**.0926**	**2.027**	**1.982**	**1.985**	**1.859**	**1.917**
Stddev	.002	.001	.0022	.004	.003	.001	.005	.002
%RSD	.1011	.0427	2.386	.1870	.1607	.0467	.2682	.0837
#1	1.947	1.905	.0949	2.023	1.983	1.986	1.857	1.919
#2	1.950	1.904	.0926	2.026	1.979	1.985	1.865	1.916
#3	1.948	1.906	.0905	2.031	1.985	1.985	1.856	1.916

Zoom In Zoom Out

Sample Name: mp34315-b1conf Acquired: 8/1/2022 19:05:21 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**1.534**	**1.929**	**2.002**
Stddev	.008	.002	.002
%RSD	.5489	.1128	.0780
#1	1.527	1.927	2.004
#2	1.531	1.931	2.002
#3	1.543	1.930	2.001

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12111.**	**213730.**	**10240.**	**5912.5**
Stddev	11.	671.	13.	11.8
%RSD	.08895	.31375	.12301	.20037
#1	12122.	213070.	10235.	5917.1
#2	12101.	214410.	10231.	5921.3
#3	12109.	213690.	10254.	5899.0

Zoom In Zoom Out

Sample Name: mp34315-s1 Acquired: 8/1/2022 19:10:10 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2452**	**159.0**	**2.007**	**1.880**	**2.816**	**1.909**	**.0323**	**258.0**	**1.910**
Stddev	.0005	.5	.003	.002	.007	.004	.0009	.8	.003
%RSD	.2022	.3004	.1238	.1059	.2536	.2068	2.678	.2949	.1727
#1	.2450	159.5	2.010	1.881	2.823	1.913	.0313	258.9	1.913
#2	.2449	158.6	2.007	1.878	2.816	1.907	.0328	257.8	1.911
#3	.2458	158.8	2.005	1.882	2.809	1.906	.0327	257.4	1.907

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4642**	**1.991**	**2.080**	**2.087**	**162.8**	**43.71**	**.1457**	**123.3**	**7.664**
Stddev	.0071	.001	.001	.001	.4	.18	.0036	.6	.056
%RSD	1.527	.0541	.0297	.0441	.2628	.4016	2.489	.4654	.7254
#1	.4625	1.991	2.081	2.087	163.3	43.91	.1494	124.0	7.722
#2	.4580	1.989	2.080	2.086	162.7	43.67	.1457	123.0	7.612
#3	.4719	1.991	2.080	2.088	162.5	43.56	.1421	122.9	7.658

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.952**	**30.98**	**2.058**	**4.439**	**2.031**	**2.739**	**1.096**	**1.894**	**3.878**
Stddev	.001	.12	.001	.010	.003	.010	.002	.001	.017
%RSD	.0716	.3937	.0275	.2252	.1468	.3725	.1560	.0609	.4376
#1	1.952	31.12	2.057	4.450	2.030	2.742	1.097	1.894	3.891
#2	1.954	30.91	2.057	4.431	2.029	2.727	1.097	1.892	3.883
#3	1.951	30.90	2.058	4.435	2.035	2.747	1.094	1.895	3.859

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.934**	**2.792**	**3.822**	**1.898**	**2.119**	**1.190**	**2.271**	**2.061**
Stddev	.004	.005	.006	.010	.003	.004	.003	.003
%RSD	.2021	.1752	.1464	.5429	.1364	.3471	.1509	.1270
#1	1.937	2.797	3.827	1.892	2.123	1.194	2.273	2.058
#2	1.934	2.790	3.816	1.893	2.117	1.189	2.272	2.062
#3	1.930	2.788	3.821	1.910	2.118	1.186	2.267	2.063

Zoom In Zoom Out

Sample Name: mp34315-s1 Acquired: 8/1/2022 19:10:10 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**11746.**	**209640.**	**10190.**	**5884.4**
Stddev	24.	607.	57.	19.0
%RSD	.20395	.28955	.55536	.32321
#1	11719.	208960.	10171.	5863.1
#2	11762.	209830.	10145.	5890.1
#3	11759.	210120.	10253.	5899.9

Zoom In Zoom Out

Sample Name: mp34315-s2 Acquired: 8/1/2022 19:14:58 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2373**	**152.8**	**1.937**	**1.779**	**2.404**	**1.839**	**.0304**	**165.5**	**1.837**
Stddev	.0005	.4	.003	.001	.004	.001	.0011	.2	.002
%RSD	.2241	.2331	.1676	.0662	.1737	.0499	3.503	.1313	.1253
#1	.2367	152.9	1.936	1.778	2.402	1.839	.0315	165.4	1.837
#2	.2378	152.4	1.934	1.778	2.402	1.837	.0293	165.4	1.834
#3	.2374	153.0	1.940	1.780	2.409	1.839	.0305	165.8	1.839

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3562**	**1.910**	**2.009**	**2.071**	**136.1**	**42.28**	**.1441**	**88.37**	**5.082**
Stddev	.0046	.001	.004	.002	.2	.17	.0077	.15	.082
%RSD	1.299	.0467	.1802	.1143	.1221	.3996	5.364	.1646	1.616
#1	.3578	1.910	2.011	2.074	136.0	42.11	.1447	88.35	5.110
#2	.3510	1.909	2.005	2.070	136.0	42.30	.1361	88.24	4.990
#3	.3598	1.911	2.011	2.069	136.3	42.44	.1515	88.53	5.146

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.883**	**33.98**	**1.989**	**4.237**	**1.948**	**2.910**	**1.186**	**1.827**	**2.989**
Stddev	.002	.08	.002	.004	.002	.016	.002	.006	.004
%RSD	.0985	.2500	.1049	.0975	.0957	.5577	.1901	.3274	.1285
#1	1.882	33.95	1.988	4.236	1.946	2.894	1.187	1.820	2.994
#2	1.885	33.92	1.992	4.233	1.950	2.926	1.184	1.832	2.987
#3	1.883	34.08	1.988	4.241	1.947	2.909	1.188	1.829	2.987

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.885**	**2.484**	**3.433**	**1.838**	**2.073**	**1.197**	**2.432**	**1.987**
Stddev	.003	.006	.003	.008	.002	.002	.001	.003
%RSD	.1329	.2256	.0757	.4381	.0765	.1723	.0594	.1261
#1	1.883	2.482	3.435	1.836	2.074	1.197	2.430	1.990
#2	1.884	2.480	3.430	1.830	2.071	1.200	2.433	1.985
#3	1.888	2.491	3.433	1.846	2.073	1.195	2.433	1.987

Zoom In Zoom Out

Sample Name: mp34315-s2 Acquired: 8/1/2022 19:14:58 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**11899.**	**209670.**	**10183.**	**5962.0**
Stddev	31.	1832.	65.	21.2
%RSD	.25898	.87360	.63428	.35640
#1	11920.	210180.	10194.	5979.4
#2	11914.	211200.	10241.	5968.3
#3	11864.	207640.	10113.	5938.3

Zoom In Zoom Out

Sample Name: jd48982-1 Acquired: 8/1/2022 19:19:45 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0011**	**113.1**	**.0616**	**.0551**	**.7082**	**.0070**	**.0022**	**269.1**	**.0037**
Stddev	.0005	.2	.0010	.0003	.0016	.0002	.0028	.2	.0002
%RSD	42.56	.1556	1.568	.5300	.2222	2.312	126.3	.0657	5.624
#1	.0016	113.2	.0627	.0550	.7064	.0070	.0053	268.9	.0038
#2	.0010	113.2	.0611	.0555	.7087	.0068	-.0003	269.0	.0039
#3	.0007	112.9	.0609	.0549	.7095	.0072	.0016	269.3	.0035

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5794**	**.0719**	**.1706**	**.2356**	**162.4**	**13.50**	**.1307**	**107.0**	**6.264**
Stddev	.0143	.0005	.0004	.0006	.1	.05	.0036	.2	.085
%RSD	2.476	.7359	.2198	.2429	.0776	.3734	2.743	.2188	1.354
#1	.5723	.0725	.1703	.2358	162.2	13.54	.1269	107.1	6.236
#2	.5959	.0718	.1710	.2360	162.4	13.44	.1312	107.1	6.196
#3	.5700	.0715	.1706	.2349	162.5	13.51	.1340	106.7	6.359

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0093**	**6.003**	**.1329**	**2.902**	**.2616**	**4.668**	**.0024**	**.0003**	**3.058**
Stddev	.0004	.029	.0002	.008	.0018	.006	.0033	.0038	.010
%RSD	4.048	.4854	.1857	.2781	.7051	.1369	138.5	1464.	.3359
#1	.0088	6.000	.1326	2.910	.2629	4.675	.0001	.0021	3.067
#2	.0094	5.975	.1330	2.902	.2595	4.667	.0009	.0028	3.061
#3	.0095	6.033	.1331	2.894	.2624	4.663	.0062	-.0041	3.047

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0200**	**1.368**	**2.103**	**.0049**	**.2500**	**.0289**	**.5417**	**.0761**
Stddev	.0013	.002	.001	.0038	.0002	.0019	.0012	.0006
%RSD	6.696	.1330	.0609	78.30	.0680	6.556	.2237	.7581
#1	.0200	1.366	2.104	.0063	.2501	.0288	.5411	.0766
#2	.0213	1.367	2.102	.0006	.2498	.0308	.5409	.0761
#3	.0186	1.370	2.103	.0078	.2499	.0270	.5431	.0755

Zoom In Zoom Out

Sample Name: jd48982-1 Acquired: 8/1/2022 19:19:45 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**11818.**	**211350.**	**10287.**	**5935.3**
Stddev	35.	573.	21.	18.8
%RSD	.29685	.27112	.20047	.31608
#1	11856.	210820.	10265.	5954.8
#2	11808.	211960.	10292.	5933.7
#3	11788.	211280.	10305.	5917.4

Zoom In Zoom Out

Sample Name: mp34315-sd1 Acquired: 8/1/2022 19:24:41 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 10.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0109**	**110.5**	**.0614**	**.0760**	**.6766**	**.0071**	**.0213**	**259.5**	**.0038**
Stddev	.0049	2.2	.0099	.0030	.0180	.0010	.0116	8.3	.0007
%RSD	45.10	1.968	16.06	4.004	2.655	13.81	54.32	3.215	19.23
#1	-.0130	108.3	.0555	.0748	.6614	.0074	.0336	252.1	.0044
#2	-.0145	110.6	.0559	.0737	.6720	.0061	.0106	257.9	.0030
#3	-.0053	112.6	.0728	.0794	.6964	.0080	.0197	268.6	.0041

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5669**	**.0765**	**.1785**	**.2398**	**161.5**	**11.49**	**.1284**	**105.1**	**6.627**
Stddev	.0251	.0012	.0010	.0023	4.0	.79	.0231	3.1	.055
%RSD	4.421	1.511	.5495	.9489	2.459	6.894	17.98	2.966	.8341
#1	.5403	.0751	.1779	.2402	158.3	10.70	.1046	102.1	6.572
#2	.5702	.0771	.1796	.2374	160.4	11.50	.1298	104.9	6.626
#3	.5901	.0771	.1779	.2419	165.9	12.28	.1508	108.4	6.683

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0128**	**3.829**	**.1399**	**3.002**	**.2746**	**4.761**	**-.0064**	**-.0026**	**3.147**
Stddev	.0021	.315	.0046	.009	.0145	.030	.0249	.0282	.024
%RSD	16.19	8.235	3.253	.2855	5.269	.6351	390.3	1087.	.7501
#1	.0130	3.488	.1450	2.999	.2613	4.771	-.0038	.0125	3.174
#2	.0148	3.889	.1385	3.012	.2727	4.727	-.0325	-.0352	3.133
#3	.0106	4.110	.1363	2.995	.2900	4.784	.0171	.0149	3.133

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0251**	**1.318**	**2.123**	**.0103**	**.2680**	**.1086**	**.6244**	**.0814**
Stddev	.0036	.040	.021	.0108	.0004	.0055	.0017	.0016
%RSD	14.41	3.019	.9833	104.7	.1501	5.049	.2704	1.971
#1	.0229	1.285	2.101	.0068	.2679	.1093	.6263	.0801
#2	.0293	1.306	2.126	.0017	.2684	.1137	.6237	.0832
#3	.0231	1.362	2.143	.0224	.2676	.1028	.6232	.0811

Zoom In Zoom Out

Sample Name: mp34315-sd1 Acquired: 8/1/2022 19:24:41 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 10.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12285.**	**214500.**	**10123.**	**5995.5**
Stddev	10.	259.	25.	6.7
%RSD	.08388	.12070	.24373	.11248
#1	12274.	214240.	10136.	5989.8
#2	12290.	214490.	10139.	5993.8
#3	12293.	214760.	10095.	6002.9

Zoom In Zoom Out

Sample Name: jd48768-1 Acquired: 8/1/2022 19:29:32 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0051**	**77.04**	**.2366**	**.2873**	**.3469**	**.0070**	**.0240**	**598.0**	**.0031**
Stddev	.0012	1.16	.0046	.0032	.0040	.0006	.0043	8.1	.0005
%RSD	23.98	1.510	1.931	1.113	1.154	8.176	18.06	1.346	16.56
#1	-.0041	78.30	.2313	.2859	.3508	.0070	.0223	606.6	.0029
#2	-.0049	76.82	.2386	.2850	.3473	.0075	.0208	596.7	.0027
#3	-.0065	76.00	.2397	.2909	.3428	.0064	.0289	590.7	.0037

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3084**	**.0360**	**.2170**	**.0608**	**365.1**	**17.81**	**.0241**	**26.96**	**1.190**
Stddev	.0143	.0007	.0012	.0016	4.7	.04	.0102	.24	.002
%RSD	4.620	1.859	.5727	2.600	1.295	.2164	42.45	.8844	.1538
#1	.3011	.0356	.2159	.0612	370.2	17.85	.0317	27.23	1.192
#2	.3249	.0356	.2168	.0622	364.1	17.78	.0125	26.82	1.189
#3	.2993	.0368	.2183	.0591	360.9	17.80	.0282	26.81	1.189

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0102**	**4.212**	**.0562**	**8.771**	**.0415**	**12.96**	**.0047**	**-.0001**	**1.508**
Stddev	.0003	.081	.0010	.027	.0012	.03	.0085	.0031	.010
%RSD	3.401	1.920	1.755	.3055	2.920	.1982	179.6	2113.	.6778
#1	.0106	4.305	.0565	8.742	.0405	12.97	.0014	-.0013	1.519
#2	.0102	4.166	.0571	8.776	.0411	12.93	-.0016	-.0025	1.498
#3	.0099	4.164	.0551	8.794	.0428	12.98	.0144	.0034	1.508

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0155**	**3.856**	**2.220**	**.0175**	**.2149**	**.1071**	**.3134**	**.0909**
Stddev	.0007	.052	.007	.0092	.0011	.0048	.0004	.0010
%RSD	4.285	1.356	.2976	52.75	.5302	4.497	.1320	1.127
#1	.0162	3.912	2.228	.0087	.2149	.1091	.3129	.0920
#2	.0151	3.846	2.216	.0167	.2137	.1016	.3136	.0900
#3	.0150	3.809	2.217	.0271	.2160	.1106	.3136	.0907

Zoom In Zoom Out

Sample Name: jd48768-1 Acquired: 8/1/2022 19:29:32 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12132.**	**211820.**	**10089.**	**5903.7**
Stddev	5.	856.	95.	9.5
%RSD	.04228	.40397	.94395	.16015
#1	12131.	212350.	10034.	5912.0
#2	12128.	212290.	10199.	5905.5
#3	12138.	210830.	10035.	5893.4

Zoom In Zoom Out

Sample Name: jd48882-1 Acquired: 8/1/2022 19:34:21 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0015**	**104.9**	**.0601**	**.4007**	**2.255**	**.0042**	**.0003**	**173.5**
Stddev	.0006	.2	.0016	.0016	.005	.0001	.0026	.3
%RSD	40.13	.2294	2.708	.3895	.2149	2.119	886.8	.1950
#1	.0020	105.2	.0609	.3994	2.258	.0042	-.0016	173.9
#2	.0016	104.8	.0582	.4003	2.258	.0043	.0032	173.5
#3	.0008	104.8	.0612	.4025	2.250	.0041	-.0008	173.2

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0121**	**.3141**	**.0803**	**.1765**	**.5947**	**176.2**	**7.252**	**.1082**
Stddev	.0001	.0018	.0002	.0001	.0008	.5	.048	.0012
%RSD	1.107	.5689	.2441	.0499	.1399	.3030	.6606	1.141
#1	.0122	.3120	.0805	.1766	.5956	176.7	7.247	.1082
#2	.0123	.3147	.0803	.1765	.5946	176.3	7.303	.1069
#3	.0120	.3154	.0801	.1764	.5940	175.7	7.207	.1094

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**53.81**	**2.997**	**.0076**	**9.915**	**.1753**	**3.484**	**1.206**	**8.113**
Stddev	.18	.011	.0001	.025	.0002	.004	.003	.002
%RSD	.3263	.3797	.8467	.2511	.1221	.1305	.2333	.0240
#1	53.97	2.984	.0075	9.925	.1751	3.489	1.204	8.114
#2	53.84	3.005	.0075	9.933	.1756	3.481	1.209	8.110
#3	53.62	3.002	.0076	9.887	.1753	3.483	1.204	8.113

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0039**	**.0004**	**1.573**	**.0486**	**.7125**	**6.027**	F **-.0030**	**.3504**
Stddev	.0018	.0013	.006	.0004	.0019	.003	.0017	.0002
%RSD	46.48	343.6	.3614	.7489	.2659	.0537	56.95	.0708
#1	.0019	.0018	1.578	.0485	.7143	6.029	-.0049	.3506
#2	.0047	-.0004	1.575	.0483	.7129	6.028	-.0015	.3504
#3	.0053	-.0003	1.567	.0490	.7105	6.023	-.0026	.3501

Zoom In Zoom Out

Sample Name: jd48882-1 Acquired: 8/1/2022 19:34:21 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0151**	**2.786**	**.0881**
Stddev	.0001	.003	.0003
%RSD	.8448	.0912	.3029
#1	.0152	2.784	.0884
#2	.0152	2.789	.0880
#3	.0150	2.786	.0879

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**11956.**	**215550.**	**10638.**	**6031.2**
Stddev	5.	353.	65.	7.4
%RSD	.04394	.16371	.61559	.12203
#1	11961.	215870.	10575.	6025.7
#2	11951.	215600.	10635.	6028.2
#3	11956.	215170.	10705.	6039.5

Zoom In Zoom Out

Sample Name: jd48945-1 Acquired: 8/1/2022 19:39:16 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	**134.4**	**.0677**	**.0774**	**1.020**	**.0070**	**.0032**	**11.53**	**.0026**
Stddev	.0004	.3	.0020	.0017	.004	.0001	.0040	.02	.0005
%RSD	83.28	.1909	3.026	2.180	.4049	1.768	124.7	.1867	17.43
#1	-.0004	134.7	.0692	.0782	1.025	.0071	.0075	11.54	.0031
#2	-.0001	134.3	.0686	.0785	1.019	.0070	.0023	11.54	.0025
#3	-.0009	134.2	.0654	.0754	1.017	.0068	-.0003	11.50	.0022

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6232**	**.0991**	**.2015**	**.1252**	**234.4**	**12.29**	**.3097**	**26.88**	**7.174**
Stddev	.0031	.0006	.0004	.0002	.5	.07	.0099	.13	.032
%RSD	.4977	.5964	.2146	.1825	.2115	.5758	3.191	.4954	.4453
#1	.6206	.0997	.2011	.1251	235.0	12.37	.3006	27.00	7.144
#2	.6223	.0985	.2014	.1251	234.0	12.27	.3083	26.74	7.170
#3	.6266	.0990	.2019	.1255	234.2	12.23	.3202	26.89	7.208

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0194**	**1.034**	**.1588**	**2.681**	**.1167**	**.2566**	**.0048**	**.0021**	**1.904**
Stddev	.0005	.013	.0006	.009	.0023	.0040	.0027	.0038	.007
%RSD	2.648	1.235	.3964	.3300	1.943	1.541	56.86	176.8	.3946
#1	.0189	1.045	.1586	2.688	.1153	.2594	.0079	.0030	1.909
#2	.0199	1.038	.1595	2.671	.1193	.2520	.0027	-.0020	1.907
#3	.0195	1.020	.1583	2.683	.1156	.2583	.0038	.0053	1.895

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0180**	**.0759**	**1.838**	**.0062**	**.2773**	**.0157**	**.4367**	**.0866**
Stddev	.0016	.0006	.001	.0031	.0014	.0015	.0011	.0006
%RSD	8.645	.7382	.0731	49.42	.5147	9.552	.2575	.6423
#1	.0177	.0765	1.837	.0097	.2763	.0141	.4375	.0860
#2	.0166	.0756	1.839	.0047	.2790	.0160	.4372	.0867
#3	.0196	.0755	1.837	.0042	.2767	.0171	.4354	.0871

Zoom In Zoom Out

Sample Name: jd48945-1 Acquired: 8/1/2022 19:39:16 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12381.**	**218810.**	**10510.**	**6127.4**
Stddev	14.	529.	17.	12.9
%RSD	.11020	.24198	.16309	.20985
#1	12367.	218570.	10520.	6112.5
#2	12381.	219420.	10520.	6135.1
#3	12394.	218440.	10491.	6134.5

Zoom In Zoom Out

Sample Name: jd48967-8 Acquired: 8/1/2022 19:44:15 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0070**	**40.07**	**.0656**	**.0423**	**.8586**	**.0044**	**.0222**	**17.67**	**.0032**
Stddev	.0006	2.71	.0049	.0012	.0596	.0014	.0018	1.26	.0004
%RSD	8.930	6.766	7.439	2.751	6.944	31.44	8.315	7.134	13.15
#1	-.0063	37.17	.0699	.0421	.7951	.0037	.0219	16.34	.0029
#2	-.0075	40.47	.0665	.0436	.8673	.0034	.0205	17.82	.0029
#3	-.0071	42.55	.0603	.0413	.9134	.0060	.0242	18.84	.0037

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3344**	**.0559**	**.1755**	**.6345**	**176.8**	**4.528**	**.0745**	**12.30**	**1.386**
Stddev	.0163	.0020	.0057	.0201	12.3	.229	.0106	1.11	.041
%RSD	4.884	3.619	3.255	3.171	6.940	5.046	14.21	9.046	2.955
#1	.3159	.0539	.1698	.6141	163.9	4.448	.0627	11.12	1.344
#2	.3465	.0557	.1755	.6350	178.3	4.351	.0778	12.44	1.390
#3	.3409	.0580	.1813	.6543	188.3	4.786	.0831	13.34	1.425

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0123**	**.6885**	**.1480**	**4.391**	**19.86**	**2.918**	**.0294**	**-.0046**	**1.512**
Stddev	.0015	.0465	.0012	.072	.33	.048	.0063	.0104	.010
%RSD	11.80	6.752	.8244	1.634	1.644	1.650	21.42	225.1	.6378
#1	.0107	.6394	.1467	4.320	19.52	2.880	.0221	-.0161	1.503
#2	.0129	.6941	.1491	4.388	19.91	2.903	.0326	-.0019	1.513
#3	.0135	.7319	.1483	4.463	20.16	2.972	.0334	.0041	1.522

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.982**	**.1243**	**1.488**	**-.0060**	**.1676**	**.0420**	**2.654**	**.0482**
Stddev	.033	.0092	.044	.0048	.0028	.0025	.042	.0007
%RSD	1.651	7.402	2.942	79.81	1.653	6.013	1.577	1.518
#1	1.947	.1146	1.442	-.0098	.1649	.0447	2.610	.0476
#2	1.987	.1255	1.492	-.0076	.1674	.0398	2.658	.0480
#3	2.012	.1329	1.529	-.0006	.1705	.0414	2.693	.0490

Zoom In Zoom Out

Sample Name: jd48967-8 Acquired: 8/1/2022 19:44:15 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12477.**	**216310.**	**10187.**	**6049.6**
Stddev	25.	579.	16.	20.7
%RSD	.19717	.26769	.15303	.34175
#1	12506.	216980.	10194.	6072.9
#2	12465.	215920.	10169.	6042.5
#3	12461.	216050.	10198.	6033.4

Zoom In Zoom Out

Sample Name: ccv Acquired: 8/1/2022 19:49:05 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2501**	**38.16**	**2.025**	**1.970**	**2.022**	**1.931**	**2.043**	**38.90**	**1.930**
Stddev	.0006	.09	.000	.002	.006	.003	.003	.08	.002
%RSD	.2509	.2487	.0041	.0816	.3093	.1533	.1661	.1974	.0896
#1	.2506	38.21	2.025	1.969	2.030	1.933	2.040	38.97	1.930
#2	.2504	38.05	2.025	1.972	2.019	1.928	2.042	38.82	1.928
#3	.2494	38.22	2.025	1.970	2.018	1.933	2.047	38.90	1.931
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.999**	**1.960**	**1.970**	**1.967**	**39.28**	**40.10**	**1.988**	**38.41**	**2.036**
Stddev	.007	.001	.004	.001	.08	.18	.003	.14	.004
%RSD	.3721	.0722	.1782	.0538	.2104	.4438	.1735	.3733	.2024
#1	2.007	1.962	1.969	1.968	39.37	40.30	1.992	38.52	2.032
#2	1.999	1.961	1.968	1.968	39.21	40.01	1.987	38.25	2.040
#3	1.992	1.959	1.974	1.966	39.26	39.98	1.985	38.47	2.035
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.051**	**39.49**	**1.951**	**2.049**	**1.938**	**2.062**	**2.020**	**1.955**	**4.974**
Stddev	.002	.06	.001	.004	.000	.006	.001	.006	.002
%RSD	.0947	.1610	.0734	.1904	.0024	.2809	.0288	.2980	.0463
#1	2.049	39.56	1.952	2.044	1.938	2.060	2.020	1.951	4.974
#2	2.051	39.46	1.952	2.049	1.938	2.068	2.019	1.952	4.971
#3	2.053	39.45	1.949	2.052	1.938	2.057	2.020	1.962	4.976
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 8/1/2022 19:49:05 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.061**	**2.008**	**2.039**	**1.874**	**1.942**	**2.028**	**1.942**	**2.084**
Stddev	.003	.005	.002	.002	.002	.002	.002	.002
%RSD	.1283	.2707	.1157	.0902	.0958	.1092	.1138	.0985
#1	2.059	2.014	2.039	1.876	1.942	2.026	1.941	2.084
#2	2.061	2.005	2.036	1.874	1.939	2.028	1.940	2.082
#3	2.064	2.005	2.041	1.873	1.943	2.030	1.944	2.086
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**11841.**	**207510.**	**9962.4**	**5823.0**
Stddev	28.	1442.	49.3	19.2
%RSD	.23327	.69506	.49507	.32946
#1	11832.	209110.	9932.9	5826.9
#2	11872.	207090.	10019.	5839.9
#3	11818.	206320.	9935.1	5802.1

Zoom In Zoom Out

Sample Name: ccb Acquired: 8/1/2022 19:53:57 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0010**	F **.0231**	**.0001**	**.0029**	**.0004**	**-.0001**	**.0008**	**.0043**	**.0002**
Stddev	.0003	.0260	.0006	.0006	.0003	.0001	.0012	.0012	.0003
%RSD	27.39	112.4	386.3	21.98	79.88	205.8	159.6	28.84	167.9
#1	-.0013	.0420	.0002	.0031	.0000	-.0002	.0015	.0034	.0000
#2	-.0008	-.0065	.0007	.0035	.0006	.0000	.0015	.0057	.0000
#3	-.0009	.0339	-.0004	.0022	.0006	.0000	-.0007	.0038	.0006
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		.0200							
Low Limit		-.0200							

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0027**	**-.0002**	**-.0002**	**.0005**	**.0048**	**-.1078**	F **.0027**	**.0002**	**.0001**
Stddev	.0025	.0002	.0005	.0004	.0011	.0238	.0006	.0263	.0000
%RSD	92.11	160.1	281.8	73.35	22.55	22.05	20.82	16350.	39.87
#1	-.0012	-.0004	.0001	.0001	.0039	-.0823	.0021	.0305	.0001
#2	-.0014	-.0002	.0002	.0005	.0046	-.1294	.0031	-.0160	.0001
#3	-.0056	.0001	-.0008	.0009	.0060	-.1116	.0029	-.0140	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit							.0023		
Low Limit							-.0023		

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010**	**-.2414**	**-.0003**	**-.0010**	**-.0006**	**.0001**	**-.0004**	**.0007**	**.0035**
Stddev	.0006	.0209	.0004	.0009	.0003	.0005	.0028	.0012	.0003
%RSD	60.31	8.674	134.8	98.05	48.31	371.1	694.9	169.6	9.006
#1	.0017	-.2369	-.0006	-.0012	-.0008	.0007	-.0019	-.0007	.0033
#2	.0006	-.2642	-.0003	.0001	-.0008	-.0001	.0028	.0013	.0034
#3	.0007	-.2231	.0001	-.0017	-.0003	-.0002	-.0020	.0015	.0039
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ccb Acquired: 8/1/2022 19:53:57 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0004**	**.0000**	**.0004**	**-.0001**	**.0006**	**.0048**	**-.0007**	**.0002**
Stddev	.0006	.0001	.0002	.0007	.0002	.0005	.0001	.0002
%RSD	146.6	530.0	49.82	597.7	34.40	9.617	17.85	98.77
#1	-.0011	.0000	.0004	-.0009	.0007	.0043	-.0006	.0003
#2	-.0004	.0001	.0006	.0003	.0007	.0052	-.0008	-.0000
#3	.0002	-.0001	.0002	.0002	.0004	.0049	-.0007	.0004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12554.**	**215100.**	**9979.3**	**6005.1**
Stddev	21.	593.	53.0	8.8
%RSD	.16919	.27558	.53086	.14706
#1	12578.	214680.	9962.4	6010.0
#2	12549.	214840.	9936.7	6010.4
#3	12537.	215780.	10039.	5994.9

Zoom In Zoom Out

Sample Name: mp34310-mb1conf Acquired: 8/1/2022 19:58:54 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	**.0705**	**.0045**	**.0065**	**.0046**	**.0040**	**.0009**	**.0760**	**.0044**
Stddev	.0002	.0135	.0010	.0002	.0003	.0001	.0007	.0021	.0001
%RSD	39.13	19.20	21.92	3.746	7.519	3.004	76.46	2.706	2.860
#1	-.0007	.0640	.0053	.0067	.0045	.0042	.0017	.0737	.0043
#2	-.0003	.0614	.0034	.0065	.0043	.0039	.0003	.0768	.0043
#3	-.0006	.0860	.0048	.0062	.0050	.0040	.0008	.0776	.0045

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0032**	**.0041**	**.0046**	**.0047**	**.0653**	**-.0327**	**.0019**	**.0489**	**.0048**
Stddev	.0061	.0004	.0001	.0002	.0019	.0160	.0023	.0279	.0000
%RSD	190.4	9.760	2.944	5.157	2.912	49.02	120.0	57.03	.3029
#1	.0038	.0043	.0048	.0050	.0675	-.0252	.0041	.0803	.0048
#2	-.0059	.0045	.0046	.0048	.0643	-.0218	.0020	.0392	.0048
#3	-.0075	.0037	.0045	.0045	.0641	-.0511	-.0004	.0271	.0048

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0051**	**-.1633**	**.0042**	**.0038**	**.0037**	**.0034**	**.0041**	**.0034**	**.0109**
Stddev	.0004	.0117	.0000	.0010	.0004	.0028	.0011	.0016	.0008
%RSD	8.100	7.147	.9018	26.56	10.88	80.67	27.92	46.55	7.820
#1	.0050	-.1574	.0042	.0031	.0032	.0063	.0028	.0019	.0118
#2	.0047	-.1557	.0042	.0033	.0038	.0008	.0043	.0033	.0106
#3	.0055	-.1767	.0042	.0050	.0040	.0031	.0051	.0050	.0102

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0042**	**.0043**	**.0047**	**.0019**	**.0046**	**.0120**	**.0064**	**.0042**
Stddev	.0002	.0001	.0001	.0008	.0002	.0005	.0002	.0002
%RSD	3.586	2.549	1.163	39.18	4.343	4.349	2.604	4.569
#1	.0043	.0042	.0048	.0026	.0044	.0116	.0065	.0044
#2	.0043	.0042	.0047	.0011	.0048	.0126	.0064	.0040
#3	.0041	.0044	.0048	.0021	.0045	.0119	.0062	.0043

Zoom In Zoom Out

Sample Name: mp34310-mb1conf Acquired: 8/1/2022 19:58:54 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12555.**	**215720.**	**10079.**	**6025.7**
Stddev	39.	1549.	65.	20.2
%RSD	.30841	.71807	.64811	.33483
#1	12561.	216300.	10069.	6030.5
#2	12591.	216890.	10149.	6043.1
#3	12514.	213960.	10020.	6003.6

Zoom In Zoom Out

Sample Name: mp34310-b1conf Acquired: 8/1/2022 20:03:55 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2426**	**24.95**	**1.984**	**1.913**	**1.997**	**1.915**	**.0267**	**25.43**
Stddev	.0016	.06	.002	.004	.005	.003	.0004	.05
%RSD	.6716	.2602	.0881	.2155	.2364	.1282	1.564	.2142
#1	.2441	25.00	1.985	1.914	2.003	1.918	.0272	25.49
#2	.2409	24.97	1.982	1.909	1.993	1.914	.0264	25.41
#3	.2426	24.88	1.986	1.917	1.997	1.913	.0267	25.39

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.897**	**-.0372**	**1.938**	**1.943**	**1.947**	**25.73**	**26.13**	**.0617**
Stddev	.003	.0017	.006	.004	.004	.06	.04	.0016
%RSD	.1817	4.516	.3321	.2159	.2332	.2199	.1415	2.572
#1	1.897	-.0372	1.934	1.946	1.950	25.78	26.16	.0603
#2	1.893	-.0388	1.936	1.938	1.942	25.73	26.13	.0634
#3	1.900	-.0355	1.946	1.945	1.949	25.66	26.09	.0615

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**25.07**	**2.000**	**2.033**	**25.74**	**1.921**	**2.011**	**1.909**	F **-.1411**
Stddev	.08	.035	.003	.04	.006	.005	.006	.0015
%RSD	.3122	1.728	.1682	.1726	.3161	.2339	.3228	1.085
#1	25.07	2.030	2.033	25.79	1.917	2.008	1.902	-.1413
#2	25.14	1.962	2.030	25.73	1.917	2.009	1.911	-.1395
#3	24.99	2.007	2.037	25.71	1.928	2.016	1.914	-.1426

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.983**	**1.909**	**.0372**	**2.039**	**1.980**	**2.015**	**1.840**	**1.929**
Stddev	.008	.005	.0011	.001	.004	.003	.010	.004
%RSD	.3858	.2677	3.039	.0706	.2036	.1485	.5261	.2193
#1	1.984	1.914	.0360	2.038	1.984	2.017	1.830	1.931
#2	1.975	1.904	.0373	2.039	1.976	2.012	1.840	1.924
#3	1.990	1.909	.0383	2.041	1.978	2.016	1.849	1.930

Zoom In Zoom Out

Sample Name: mp34310-b1conf Acquired: 8/1/2022 20:03:55 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**1.992**	**1.913**	**2.038**
Stddev	.004	.003	.004
%RSD	.2180	.1583	.2064
#1	1.989	1.914	2.039
#2	1.991	1.910	2.033
#3	1.997	1.916	2.042

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12004.**	**211130.**	**10096.**	**5857.3**
Stddev	21.	1211.	75.	20.0
%RSD	.17110	.57371	.74514	.34117
#1	11981.	210120.	10097.	5834.3
#2	12019.	212470.	10020.	5867.4
#3	12013.	210800.	10170.	5870.3

Zoom In Zoom Out

Sample Name: mp34310-s1 Acquired: 8/1/2022 20:08:44 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2257**	**107.0**	**1.862**	**2.163**	**3.456**	**1.728**	**.0349**	**276.4**	**1.728**
Stddev	.0012	.8	.008	.002	.030	.015	.0110	2.2	.003
%RSD	.5227	.7587	.4131	.1071	.8825	.8603	31.39	.7850	.1775
#1	.2244	107.8	1.871	2.161	3.485	1.742	.0347	278.7	1.732
#2	.2265	106.9	1.857	2.163	3.458	1.730	.0459	276.1	1.729
#3	.2263	106.2	1.858	2.165	3.424	1.712	.0240	274.4	1.725

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2895**	**1.801**	**2.433**	**2.383**	**177.5**	**78.43**	**.1705**	**104.6**	**5.691**
Stddev	.0115	.004	.011	.005	1.5	.85	.0065	.8	.020
%RSD	3.977	.2049	.4520	.2302	.8247	1.087	3.819	.7574	.3538
#1	.2767	1.805	2.445	2.389	179.0	79.27	.1631	105.5	5.710
#2	.2926	1.799	2.427	2.380	177.3	78.47	.1751	104.3	5.694
#3	.2991	1.798	2.425	2.379	176.1	77.56	.1734	104.0	5.670

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.848**	**514.6**	**1.959**	**5.354**	**3.631**	**8.370**	**1.346**	**1.762**	**63.79**
Stddev	.004	4.9	.006	.012	.003	.028	.006	.018	.08
%RSD	.2145	.9557	.3281	.2287	.0941	.3394	.4836	1.003	.1219
#1	1.853	519.3	1.966	5.367	3.634	8.349	1.353	1.744	63.87
#2	1.845	514.9	1.957	5.343	3.630	8.359	1.345	1.762	63.75
#3	1.847	509.5	1.954	5.352	3.628	8.402	1.340	1.780	63.73

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.076**	**4.025**	**5.003**	**1.636**	**1.999**	**1.625**	**5.278**	**1.683**
Stddev	.008	.036	.015	.009	.007	.002	.017	.005
%RSD	.4058	.8929	.3057	.5469	.3742	.1230	.3193	.3076
#1	2.086	4.060	5.020	1.641	2.008	1.623	5.294	1.688
#2	2.072	4.026	4.999	1.642	1.995	1.627	5.279	1.685
#3	2.071	3.989	4.990	1.626	1.995	1.626	5.260	1.678

Zoom In Zoom Out

Sample Name: mp34310-s1 Acquired: 8/1/2022 20:08:44 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**11837.**	**211860.**	**10138.**	**5903.0**
Stddev	20.	987.	66.	8.2
%RSD	.17242	.46575	.65026	.13931
#1	11814.	210820.	10065.	5893.9
#2	11844.	212780.	10159.	5905.2
#3	11854.	211980.	10192.	5909.9

Zoom In Zoom Out

Sample Name: mp34310-s2 Acquired: 8/1/2022 20:13:24 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2307**	**107.0**	**1.893**	**2.181**	**3.445**	**1.742**	**.0293**	**278.9**	**1.757**
Stddev	.0020	1.2	.001	.007	.034	.016	.0015	2.3	.002
%RSD	.8454	1.078	.0376	.3301	.9999	.9056	5.284	.8213	.1101
#1	.2304	108.1	1.893	2.173	3.481	1.760	.0294	281.3	1.755
#2	.2328	107.2	1.894	2.184	3.441	1.736	.0307	278.7	1.759
#3	.2290	105.8	1.894	2.187	3.413	1.730	.0276	276.7	1.757

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2991**	**1.827**	**2.453**	**2.395**	**175.8**	**80.73**	**.1780**	**106.0**	**5.734**
Stddev	.0324	.000	.009	.010	1.4	.66	.0087	.4	.011
%RSD	10.83	.0225	.3890	.4085	.7873	.8175	4.913	.3991	.1980
#1	.2853	1.828	2.464	2.406	177.2	81.37	.1774	106.4	5.746
#2	.3361	1.828	2.450	2.388	175.6	80.78	.1695	106.1	5.724
#3	.2760	1.827	2.446	2.390	174.5	80.05	.1870	105.6	5.731

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.877**	**520.0**	**1.985**	**5.318**	**3.630**	**8.328**	**1.395**	**1.800**	**62.12**
Stddev	.002	4.7	.004	.009	.006	.023	.006	.005	.03
%RSD	.1167	.8947	.1929	.1741	.1794	.2731	.4408	.2681	.0509
#1	1.878	524.7	1.980	5.328	3.634	8.331	1.394	1.794	62.09
#2	1.878	520.0	1.986	5.309	3.622	8.349	1.390	1.803	62.16
#3	1.874	515.4	1.988	5.316	3.633	8.304	1.402	1.802	62.11

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.098**	**4.044**	**4.927**	**1.663**	**2.026**	**1.659**	**5.287**	**1.722**
Stddev	.009	.035	.017	.013	.007	.002	.003	.004
%RSD	.4342	.8573	.3501	.7797	.3275	.0986	.0576	.2144
#1	2.108	4.081	4.945	1.676	2.028	1.659	5.285	1.727
#2	2.095	4.041	4.926	1.650	2.031	1.658	5.287	1.720
#3	2.091	4.012	4.911	1.664	2.019	1.661	5.291	1.721

Zoom In Zoom Out

Sample Name: mp34310-s2 Acquired: 8/1/2022 20:13:24 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**11829.**	**211800.**	**10222.**	**5900.6**
Stddev	8.	913.	78.	4.7
%RSD	.06872	.43088	.76230	.07978
#1	11839.	211870.	10156.	5906.0
#2	11826.	212680.	10203.	5898.6
#3	11824.	210860.	10308.	5897.3

Zoom In Zoom Out

Sample Name: jd48968-3 Acquired: 8/1/2022 20:18:03 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0030**	**63.95**	**.0582**	**.3956**	**1.488**	**.0053**	**.0082**	**253.1**	**.0094**
Stddev	.0015	.42	.0066	.0026	.003	.0004	.0026	.9	.0014
%RSD	47.92	.6633	11.39	.6605	.2142	6.967	31.51	.3632	15.24
#1	.0044	64.40	.0622	.3986	1.491	.0057	.0107	254.2	.0081
#2	.0031	63.55	.0618	.3937	1.488	.0052	.0056	252.7	.0109
#3	.0015	63.89	.0506	.3945	1.485	.0050	.0084	252.5	.0090

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2962**	**.0569**	**.6352**	**.5782**	**142.3**	**51.90**	**.1020**	**77.47**	**3.842**
Stddev	.0116	.0016	.0012	.0008	.4	.14	.0069	.29	.003
%RSD	3.908	2.797	.1940	.1414	.3122	.2603	6.766	.3734	.0674
#1	.2973	.0579	.6364	.5791	142.8	52.04	.1072	77.77	3.845
#2	.2841	.0550	.6339	.5775	141.9	51.89	.1047	77.45	3.839
#3	.3072	.0577	.6351	.5780	142.2	51.77	.0942	77.19	3.842

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0484**	**504.7**	**.1808**	**3.281**	**1.752**	**8.154**	**.0090**	**.0168**	**49.84**
Stddev	.0004	1.6	.0006	.008	.003	.007	.0108	.0068	.08
%RSD	.8164	.3205	.3104	.2427	.1935	.0881	119.3	40.46	.1587
#1	.0480	506.5	.1801	3.282	1.750	8.149	.0159	.0241	49.78
#2	.0488	503.7	.1810	3.273	1.755	8.151	.0146	.0155	49.81
#3	.0484	503.8	.1811	3.289	1.749	8.162	-.0034	.0107	49.93

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2564**	**2.218**	**2.709**	**.0180**	**.2670**	**.0347**	**3.407**	**.0244**
Stddev	.0019	.004	.004	.0028	.0020	.0082	.003	.0013
%RSD	.7315	.1926	.1554	15.73	.7348	23.56	.1005	5.379
#1	.2586	2.222	2.712	.0158	.2654	.0403	3.405	.0259
#2	.2555	2.218	2.711	.0212	.2692	.0384	3.406	.0236
#3	.2552	2.213	2.704	.0171	.2665	.0253	3.411	.0237

Zoom In Zoom Out

Sample Name: jd48968-3 Acquired: 8/1/2022 20:18:03 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**11792.**	**210660.**	**10080.**	**5885.6**
Stddev	19.	520.	48.	15.1
%RSD	.16486	.24678	.47421	.25685
#1	11770.	211250.	10126.	5869.7
#2	11805.	210460.	10083.	5899.8
#3	11802.	210280.	10030.	5887.4

Zoom In Zoom Out

Sample Name: mp34310-sd1 Acquired: 8/1/2022 20:22:52 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 25.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0267**	**67.01**	**.0739**	**.4420**	**1.532**	**.0040**	**.0830**	**262.1**	**.0120**
Stddev	.0064	.18	.0318	.0191	.009	.0017	.0408	.8	.0029
%RSD	23.85	.2759	42.99	4.316	.6197	42.75	49.19	.3113	24.16
#1	-.0296	67.20	.0837	.4317	1.539	.0021	.1273	262.4	.0091
#2	-.0311	66.84	.0996	.4303	1.521	.0054	.0748	261.2	.0119
#3	-.0194	66.99	.0384	.4640	1.535	.0044	.0469	262.7	.0149

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1630**	**.0591**	**.6474**	**.5995**	**148.4**	**51.43**	**.2202**	**81.52**	**3.943**
Stddev	.0217	.0008	.0032	.0105	.3	1.15	.0362	.72	.010
%RSD	13.29	1.378	.4905	1.752	.1747	2.231	16.45	.8867	.2483
#1	.1625	.0585	.6452	.6054	148.7	51.23	.2294	82.35	3.948
#2	.1850	.0601	.6510	.6057	148.3	52.67	.2509	81.06	3.950
#3	.1416	.0588	.6459	.5874	148.2	50.40	.1803	81.14	3.932

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0524**	**518.6**	**.1755**	**3.282**	**1.791**	**8.079**	**-.0281**	**.0031**	**51.11**
Stddev	.0037	.7	.0031	.034	.035	.036	.0195	.0446	.12
%RSD	7.106	.1316	1.755	1.030	1.971	.4436	69.10	1434.	.2360
#1	.0484	519.2	.1768	3.243	1.755	8.063	-.0058	-.0052	51.12
#2	.0531	517.8	.1720	3.304	1.825	8.055	-.0414	.0513	50.99
#3	.0557	518.6	.1777	3.298	1.792	8.120	-.0373	-.0368	51.23

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2655**	**2.286**	**2.717**	**-.0177**	**.2745**	**.1041**	**3.660**	**.0230**
Stddev	.0050	.009	.008	.0472	.0108	.0353	.015	.0061
%RSD	1.900	.3972	.2855	266.1	3.932	33.95	.3992	26.54
#1	.2608	2.294	2.725	-.0115	.2675	.0637	3.643	.0190
#2	.2649	2.276	2.710	-.0678	.2691	.1291	3.667	.0199
#3	.2708	2.288	2.715	.0260	.2869	.1196	3.670	.0300

Zoom In Zoom Out

Sample Name: mp34310-sd1 Acquired: 8/1/2022 20:22:52 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 25.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12313.**	**214370.**	**9930.8**	**5986.5**
Stddev	15.	1109.	7.2	11.6
%RSD	.12465	.51722	.07283	.19410
#1	12330.	213710.	9925.5	5997.6
#2	12302.	213750.	9939.0	5987.6
#3	12306.	215650.	9927.8	5974.4

Zoom In Zoom Out

Sample Name: jd48940-2 Acquired: 8/1/2022 20:27:44 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0029**	**1.070**	**.3839**	**.1174**	**1.196**	**.0000**	**.0138**	**119.8**	**.0025**
Stddev	.0023	.163	.0112	.0028	.014	.0011	.0059	1.7	.0013
%RSD	78.47	15.23	2.909	2.425	1.199	2222.	42.91	1.378	50.07
#1	.0054	1.237	.3967	.1197	1.210	-.0003	.0164	121.4	.0015
#2	.0021	.9112	.3764	.1143	1.198	-.0008	.0071	119.9	.0039
#3	.0011	1.062	.3786	.1183	1.181	.0013	.0181	118.1	.0022

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2437**	**.1750**	**.0007**	**.0114**	**412.2**	**6.342**	**.0460**	**18.16**	**11.70**
Stddev	.0072	.0019	.0006	.0011	5.9	.070	.0018	.44	.14
%RSD	2.970	1.110	87.14	9.419	1.435	1.109	3.806	2.437	1.238
#1	.2507	.1764	.0012	.0126	418.1	6.323	.0442	18.61	11.87
#2	.2362	.1759	.0006	.0109	412.2	6.284	.0477	18.13	11.64
#3	.2441	.1728	.0001	.0106	406.3	6.420	.0460	17.73	11.60

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0052**	**107.9**	**.1289**	**27.39**	**.0041**	**.6816**	**.0041**	**.0099**	**29.12**
Stddev	.0007	1.6	.0030	.18	.0037	.0109	.0066	.0055	.19
%RSD	12.98	1.488	2.289	.6699	91.06	1.601	163.7	56.21	.6416
#1	.0054	109.4	.1320	27.55	.0058	.6790	.0110	.0153	29.29
#2	.0057	107.9	.1286	27.44	-.0002	.6935	.0034	.0042	29.14
#3	.0044	106.2	.1261	27.19	.0067	.6722	-.0023	.0101	28.92

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0018**	**.2922**	**.0097**	**.0320**	**-.0062**	**.0131**	**.0547**	**.0023**
Stddev	.0026	.0045	.0014	.0074	.0024	.0057	.0011	.0003
%RSD	149.9	1.552	13.96	23.07	38.38	43.28	1.959	12.04
#1	-.0012	.2964	.0084	.0235	-.0064	.0150	.0556	.0021
#2	.0024	.2929	.0111	.0351	-.0085	.0176	.0550	.0023
#3	.0040	.2874	.0095	.0372	-.0037	.0067	.0535	.0026

Zoom In Zoom Out

Sample Name: jd48940-2 Acquired: 8/1/2022 20:27:44 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12368.**	**214160.**	**10183.**	**5965.0**
Stddev	6.	1012.	24.	6.1
%RSD	.04735	.47238	.23637	.10249
#1	12373.	213980.	10156.	5965.3
#2	12362.	213250.	10201.	5958.7
#3	12368.	215250.	10192.	5971.0

Zoom In Zoom Out

Sample Name: jd48940-3 Acquired: 8/1/2022 20:32:44 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0076**	**108.2**	**.3027**	**.0791**	**1.642**	**.0150**	**.0231**	**89.44**	**.0088**
Stddev	.0002	1.0	.0019	.0046	.021	.0005	.0079	.92	.0003
%RSD	2.291	.9296	.6426	5.857	1.254	3.514	34.44	1.027	3.106
#1	.0074	109.2	.3039	.0803	1.661	.0155	.0282	90.24	.0085
#2	.0076	108.1	.3005	.0829	1.646	.0150	.0139	89.63	.0089
#3	.0077	107.2	.3038	.0739	1.620	.0145	.0271	88.43	.0090

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.044**	**.3202**	**.0737**	**.1462**	**478.0**	**13.90**	**.1552**	**37.58**	**17.36**
Stddev	.014	.0003	.0009	.0011	5.1	.40	.0114	.43	.15
%RSD	1.384	.0981	1.183	.7558	1.058	2.847	7.331	1.141	.8470
#1	1.027	.3198	.0742	.1463	482.7	14.20	.1515	37.83	17.39
#2	1.052	.3204	.0741	.1472	478.6	14.04	.1680	37.82	17.49
#3	1.052	.3203	.0727	.1450	472.7	13.45	.1462	37.08	17.20

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0214**	**188.2**	**.5986**	**5.741**	**.0778**	**1.118**	**.0023**	**.0293**	**58.18**
Stddev	.0010	2.2	.0013	.006	.0065	.009	.0058	.0045	.02
%RSD	4.701	1.158	.2183	.0999	8.314	.7801	254.6	15.35	.0427
#1	.0203	190.1	.5972	5.734	.0704	1.128	-.0015	.0318	58.16
#2	.0220	188.6	.5998	5.744	.0825	1.114	-.0006	.0321	58.16
#3	.0221	185.8	.5986	5.744	.0806	1.112	.0089	.0241	58.21

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0018**	**.3584**	**.3293**	**.0304**	**.1094**	**.0224**	**1.905**	**.0145**
Stddev	.0025	.0039	.0009	.0120	.0010	.0036	.006	.0003
%RSD	134.4	1.081	.2810	39.57	.9422	16.24	.2916	2.049
#1	-.0008	.3617	.3284	.0428	.1105	.0241	1.900	.0149
#2	.0041	.3594	.3292	.0297	.1086	.0182	1.911	.0144
#3	.0022	.3542	.3303	.0188	.1089	.0248	1.904	.0144

Zoom In Zoom Out

Sample Name: jd48940-3 Acquired: 8/1/2022 20:32:44 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12267.**	**219080.**	**10415.**	**6154.8**
Stddev	28.	626.	65.	15.3
%RSD	.23161	.28568	.62481	.24802
#1	12264.	218510.	10428.	6155.2
#2	12240.	218960.	10345.	6139.3
#3	12297.	219750.	10473.	6169.8

Zoom In Zoom Out

Sample Name: jd48940-6 Acquired: 8/1/2022 20:37:41 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0039**	**35.65**	**.4161**	**.0602**	**.1146**	**.0019**	**.0210**	**37.36**	**.0032**
Stddev	.0021	.28	.0046	.0001	.0018	.0002	.0047	.43	.0005
%RSD	53.18	.7802	1.097	.2369	1.537	10.61	22.18	1.138	15.70
#1	.0018	35.96	.4110	.0601	.1126	.0020	.0182	37.82	.0027
#2	.0040	35.57	.4197	.0604	.1155	.0020	.0185	37.27	.0032
#3	.0060	35.43	.4177	.0602	.1157	.0017	.0264	36.99	.0036

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2950**	**.0985**	**.0156**	**.1483**	**401.9**	**4.282**	**.0670**	**37.06**	**7.794**
Stddev	.0219	.0008	.0012	.0030	5.1	.120	.0084	.35	.084
%RSD	7.437	.7998	7.956	2.040	1.279	2.808	12.54	.9384	1.076
#1	.3203	.0994	.0160	.1516	407.4	4.408	.0716	37.38	7.806
#2	.2824	.0978	.0165	.1457	401.0	4.168	.0573	37.13	7.871
#3	.2823	.0983	.0142	.1474	397.2	4.270	.0722	36.69	7.705

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0052**	**85.80**	**.1497**	**21.95**	**.0360**	**3.761**	**.0020**	**.0295**	**55.25**
Stddev	.0010	1.14	.0009	.08	.0022	.015	.0031	.0104	.11
%RSD	18.65	1.325	.6046	.3465	6.194	.4061	157.9	35.29	.2066
#1	.0047	86.96	.1494	22.03	.0349	3.778	.0037	.0380	55.38
#2	.0064	85.76	.1508	21.93	.0345	3.748	.0038	.0179	55.22
#3	.0047	84.68	.1490	21.88	.0386	3.757	-.0016	.0327	55.16

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0066**	**.1132**	**.0290**	**.0208**	**.0689**	**.0188**	**.3833**	**.0016**
Stddev	.0028	.0013	.0014	.0071	.0008	.0070	.0011	.0013
%RSD	42.00	1.111	4.980	33.95	1.147	37.49	.2769	77.69
#1	.0034	.1146	.0301	.0132	.0690	.0245	.3835	.0029
#2	.0081	.1131	.0274	.0272	.0696	.0209	.3842	.0015
#3	.0083	.1121	.0296	.0220	.0681	.0109	.3821	.0004

Zoom In Zoom Out

Sample Name: jd48940-6 Acquired: 8/1/2022 20:37:41 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	12412.	216260.	10335.	6029.7
Stddev	15.	117.	7.	8.5
%RSD	.12265	.05421	.06316	.14043
#1	12398.	216130.	10337.	6020.6
#2	12411.	216300.	10339.	6031.2
#3	12428.	216360.	10327.	6037.4

Zoom In Zoom Out

Sample Name: ccv Acquired: 8/1/2022 20:42:40 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2495	38.29	2.027	1.973	2.024	1.932	2.043	38.95	1.933
Stddev	.0004	.12	.002	.004	.003	.004	.004	.07	.002
%RSD	.1701	.3199	.1123	.1935	.1344	.2050	.1986	.1863	.0966
#1	.2494	38.22	2.028	1.973	2.022	1.928	2.041	38.86	1.931
#2	.2499	38.43	2.024	1.969	2.024	1.933	2.039	39.00	1.933
#3	.2491	38.22	2.028	1.977	2.027	1.936	2.047	38.98	1.935
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.000	1.962	1.967	1.955	39.22	40.24	1.996	38.44	2.012
Stddev	.005	.001	.001	.003	.06	.03	.007	.12	.011
%RSD	.2757	.0576	.0409	.1321	.1651	.0801	.3507	.3237	.5265
#1	2.005	1.962	1.968	1.957	39.15	40.22	1.991	38.31	2.002
#2	2.000	1.961	1.967	1.955	39.28	40.27	2.004	38.56	2.010
#3	1.994	1.964	1.967	1.952	39.21	40.22	1.994	38.45	2.023
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.049	39.59	1.955	2.053	1.943	2.052	2.022	1.959	4.985
Stddev	.003	.07	.001	.009	.002	.002	.007	.006	.008
%RSD	.1550	.1838	.0486	.4285	.1171	.1092	.3349	.3286	.1600
#1	2.050	39.51	1.955	2.053	1.940	2.051	2.020	1.958	4.979
#2	2.045	39.66	1.955	2.044	1.943	2.052	2.017	1.953	4.982
#3	2.051	39.59	1.956	2.062	1.945	2.055	2.029	1.966	4.994
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 8/1/2022 20:42:40 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.063	2.008	2.040	1.889	1.949	2.022	1.950	2.071
Stddev	.003	.003	.001	.011	.002	.005	.002	.004
%RSD	.1250	.1239	.0474	.6005	.1077	.2368	.0873	.1732
#1	2.063	2.005	2.042	1.877	1.951	2.020	1.949	2.074
#2	2.060	2.009	2.040	1.900	1.947	2.018	1.951	2.072
#3	2.066	2.010	2.040	1.891	1.950	2.027	1.952	2.067
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	11849.	208810.	9852.9	5834.8
Stddev	15.	303.	93.7	10.3
%RSD	.12657	.14498	.95144	.17715
#1	11832.	209060.	9872.4	5823.3
#2	11853.	208470.	9751.0	5843.4
#3	11862.	208900.	9935.4	5837.8

Zoom In Zoom Out

Sample Name: ccb Acquired: 8/1/2022 20:47:31 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0012	.0120	.0005	.0021	.0003	.0000	.0023	-.0000	.0000
Stddev	.0003	.0244	.0006	.0008	.0004	.0001	.0005	.0017	.0002
%RSD	21.49	202.3	110.5	38.79	144.5	205.9	22.76	3942.	1351.
#1	-.0014	.0049	.0006	.0016	.0003	.0001	.0025	.0016	.0000
#2	-.0013	-.0079	.0010	.0030	.0006	-.0000	.0017	.0001	-.0002
#3	-.0009	.0392	-.0001	.0017	-.0001	.0000	.0026	-.0018	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0008	-.0000	-.0001	.0004	.0056	-.0856	F .0056	-.0134	.0001
Stddev	.0026	.0003	.0003	.0001	.0029	.0157	.0005	.0191	.0000
%RSD	325.6	564.2	216.2	26.80	52.47	18.35	9.707	142.4	70.43
#1	-.0033	.0002	-.0003	.0005	.0038	-.0689	.0053	.0069	.0001
#2	.0020	-.0000	-.0002	.0003	.0039	-.0879	.0062	-.0310	.0000
#3	-.0012	-.0003	.0002	.0005	.0089	-.1001	.0053	-.0162	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit							.0023		
Low Limit							-.0023		

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011	-.2306	-.0001	.0019	-.0009	.0021	-.0009	.0008	.0049
Stddev	.0002	.0100	.0002	.0005	.0017	.0060	.0017	.0020	.0009
%RSD	14.82	4.358	200.0	24.01	188.3	287.4	184.0	259.7	17.70
#1	.0012	-.2355	.0001	.0014	-.0023	-.0011	-.0014	-.0014	.0053
#2	.0011	-.2190	-.0000	.0021	.0009	.0090	.0010	.0012	.0054
#3	.0009	-.2372	-.0003	.0022	-.0013	-.0017	-.0023	.0025	.0039
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ccb Acquired: 8/1/2022 20:47:31 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0004**	**.0001**	**.0003**	**.0014**	**.0001**	**.0021**	**-.0007**	**.0004**
Stddev	.0005	.0001	.0004	.0011	.0002	.0003	.0001	.0000
%RSD	129.9	117.2	129.9	80.63	129.4	16.78	14.73	2.570
#1	-.0005	.0002	.0006	.0021	.0002	.0023	-.0007	.0004
#2	.0002	.0001	-.0001	.0019	-.0001	.0022	-.0008	.0004
#3	-.0008	-.0000	.0005	.0001	.0003	.0017	-.0006	.0004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12631.**	**218240.**	**10164.**	**6061.2**
Stddev	22.	1054.	24.	3.7
%RSD	.17264	.48300	.23478	.06146
#1	12640.	217780.	10139.	6059.7
#2	12606.	217490.	10186.	6058.4
#3	12647.	219450.	10168.	6065.4

Zoom In Zoom Out

Sample Name: mp34317-mb1conf Acquired: 8/1/2022 20:52:27 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0012**	**.0373**	**.0002**	**.0072**	**-.0000**	**-.0000**	**-.0001**	**.1661**	**.0003**
Stddev	.0004	.0279	.0006	.0002	.0000	.0002	.0009	.0075	.0001
%RSD	31.60	74.85	386.1	3.315	92.41	649.2	684.4	4.514	43.76
#1	-.0017	.0598	-.0004	.0070	-.0001	-.0001	-.0011	.1580	.0004
#2	-.0011	.0460	.0001	.0074	-.0001	.0002	.0003	.1727	.0002
#3	-.0009	.0060	.0008	.0070	.0000	-.0001	.0004	.1677	.0003

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0034**	**.0001**	**.0007**	**.0012**	**.0281**	**-.0892**	**.0017**	**.0237**	**.0005**
Stddev	.0024	.0002	.0002	.0000	.0024	.0205	.0012	.0154	.0001
%RSD	69.47	286.5	25.71	2.668	8.368	23.03	70.32	65.20	10.06
#1	-.0012	.0002	.0009	.0012	.0287	-.0658	.0031	.0217	.0006
#2	-.0059	.0001	.0006	.0012	.0301	-.0972	.0006	.0400	.0005
#3	-.0032	-.0001	.0006	.0011	.0255	-.1044	.0015	.0093	.0006

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**-.1104**	**.0001**	**.0217**	**-.0000**	**.0138**	**-.0022**	**.0011**	**.0181**
Stddev	.0001	.0049	.0002	.0007	.0013	.0037	.0017	.0014	.0018
%RSD	30.59	4.427	210.3	3.323	26020.	26.86	80.50	124.0	9.682
#1	.0005	-.1112	.0003	.0209	.0015	.0097	-.0040	.0023	.0167
#2	.0006	-.1052	.0001	.0219	-.0011	.0149	-.0018	.0015	.0201
#3	.0003	-.1148	-.0001	.0223	-.0004	.0168	-.0006	-.0004	.0175

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0171**	**.0006**	**.0008**	**-.0009**	**.0004**	**.0030**	**.0056**	**.0010**
Stddev	.0006	.0001	.0001	.0022	.0002	.0011	.0002	.0002
%RSD	3.257	10.84	15.78	247.9	38.77	35.62	4.208	16.15
#1	.0174	.0005	.0007	-.0033	.0003	.0033	.0059	.0010
#2	.0165	.0006	.0009	-.0005	.0004	.0039	.0054	.0011
#3	.0175	.0006	.0008	.0011	.0006	.0018	.0056	.0008

Zoom In Zoom Out

Sample Name: mp34317-mb1conf Acquired: 8/1/2022 20:52:27 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12668.**	**217400.**	**10375.**	**6098.2**
Stddev	31.	1844.	239.	16.3
%RSD	.24304	.84840	2.3054	.26794
#1	12653.	215470.	10644.	6085.9
#2	12648.	219150.	10188.	6092.0
#3	12704.	217580.	10291.	6116.8

Zoom In Zoom Out

Sample Name: fa97588-13 Acquired: 8/1/2022 20:57:26 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 10.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0127**	**429.7**	**.1244**	**.0540**	**1.647**	**.0177**	**-.0348**	**5.162**
Stddev	.0023	2.0	.0123	.0042	.006	.0008	.0137	.027
%RSD	17.98	.4755	9.852	7.700	.3683	4.682	39.28	.5259
#1	-.0154	431.9	.1224	.0503	1.647	.0169	-.0416	5.187
#2	-.0112	429.4	.1132	.0585	1.653	.0185	-.0190	5.167
#3	-.0117	427.8	.1375	.0531	1.641	.0176	-.0437	5.133

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0080**	**2.946**	**.2473**	**.2221**	**.7803**	**316.5**	**44.22**	**.3830**
Stddev	.0039	.082	.0039	.0061	.0243	1.3	.04	.0264
%RSD	48.36	2.795	1.578	2.766	3.115	.4027	.1003	6.905
#1	.0042	2.943	.2491	.2242	.7887	317.9	44.27	.4021
#2	.0120	3.030	.2428	.2269	.7993	316.2	44.21	.3528
#3	.0079	2.865	.2500	.2152	.7529	315.4	44.18	.3940

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**41.44**	**2.742**	**.1564**	**-1.490**	**.1458**	**7.134**	**.1228**	**.8607**
Stddev	.53	.085	.0023	.009	.0020	.002	.0099	.0473
%RSD	1.281	3.088	1.470	.5767	1.350	.0319	8.075	5.495
#1	41.86	2.769	.1539	-1.487	.1446	7.136	.1309	.8493
#2	41.61	2.809	.1566	-1.484	.1447	7.133	.1117	.8202
#3	40.84	2.647	.1585	-1.500	.1480	7.132	.1259	.9127

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0162**	**.0070**	**1.799**	**.0162**	**.4430**	**12.34**	F **-.0200**	**.2706**
Stddev	.0127	.0275	.017	.0059	.0024	.42	.0241	.0107
%RSD	78.38	393.5	.9647	36.65	.5396	3.369	120.6	3.968
#1	-.0209	.0199	1.819	.0184	.4458	12.46	-.0099	.2742
#2	-.0018	-.0246	1.788	.0094	.4421	12.69	-.0026	.2790
#3	-.0259	.0256	1.791	.0206	.4413	11.88	-.0475	.2585

Zoom In Zoom Out

Sample Name: fa97588-13 Acquired: 8/1/2022 20:57:26 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 10.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0161**	**.6826**	**.0372**
Stddev	.0033	.0007	.0016
%RSD	20.73	.1001	4.177
#1	.0170	.6818	.0390
#2	.0188	.6829	.0362
#3	.0124	.6831	.0364

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12373.**	**224820.**	**10706.**	**6281.5**
Stddev	19.	6191.	28.	7.9
%RSD	.15255	2.7535	.26554	.12632
#1	12383.	222290.	10678.	6286.5
#2	12352.	220300.	10706.	6272.4
#3	12386.	231880.	10735.	6285.8

Zoom In Zoom Out

Sample Name: mp34313-mb1conf Acquired: 8/1/2022 21:02:20 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0011**	**.0215**	**.0007**	**.0013**	**.0001**	**-.0002**	**.0009**	**-.0005**	**.0002**
Stddev	.0005	.0107	.0003	.0003	.0002	.0001	.0003	.0043	.0000
%RSD	42.48	50.05	45.75	20.89	267.3	79.07	38.78	929.4	7.212
#1	-.0014	.0187	.0006	.0016	-.0001	-.0001	.0006	-.0017	.0002
#2	-.0006	.0333	.0004	.0010	.0003	-.0000	.0013	-.0041	.0002
#3	-.0013	.0123	.0011	.0014	.0001	-.0003	.0008	.0043	.0002

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0012**	**.0001**	**-.0002**	**.0004**	**.0015**	**-.1344**	**.0031**	**-.0038**	**.0001**
Stddev	.0036	.0000	.0002	.0004	.0026	.0058	.0017	.0240	.0001
%RSD	290.9	70.29	94.50	88.35	177.2	4.333	53.87	628.5	73.26
#1	-.0021	.0001	-.0004	.0001	-.0011	-.1280	.0046	.0198	.0000
#2	.0051	.0001	-.0000	.0003	.0014	-.1394	.0013	-.0281	.0001
#3	.0007	.0000	-.0002	.0009	.0041	-.1359	.0034	-.0032	.0001

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000**	**-.2539**	**.0001**	**-.0007**	**-.0006**	**.0002**	**-.0026**	**.0001**	**.0033**
Stddev	.0002	.0117	.0002	.0006	.0001	.0027	.0007	.0018	.0012
%RSD	1747.	4.592	221.5	74.99	18.30	1779.	25.76	2101.	37.20
#1	.0002	-.2407	.0002	-.0002	-.0007	-.0028	-.0033	-.0015	.0042
#2	-.0001	-.2578	-.0001	-.0007	-.0006	.0026	-.0023	.0020	.0039
#3	-.0001	-.2631	.0002	-.0013	-.0005	.0006	-.0021	-.0002	.0019

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**-.0001**	**.0000**	**-.0018**	**.0005**	**.0009**	**.0009**	**.0001**
Stddev	.0011	.0001	.0001	.0020	.0002	.0010	.0001	.0001
%RSD	268.2	85.06	443.1	111.5	35.93	114.3	11.96	62.15
#1	.0017	-.0003	.0001	-.0009	.0005	.0021	.0009	.0002
#2	-.0005	-.0001	.0001	-.0004	.0007	.0005	.0010	.0001
#3	.0001	-.0000	-.0001	-.0040	.0004	.0001	.0008	.0000

Zoom In Zoom Out

Sample Name: mp34313-mb1conf Acquired: 8/1/2022 21:02:20 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12589.**	**216080.**	**10019.**	**6036.3**
Stddev	11.	269.	37.	9.6
%RSD	.09122	.12454	.36592	.15842
#1	12585.	216310.	10034.	6034.4
#2	12601.	215790.	10046.	6046.7
#3	12579.	216150.	9977.6	6027.8

Zoom In Zoom Out

Sample Name: jd46880-3r 1 Acquired: 8/1/2022 21:07:16 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0038**	**.2484**	**-.0022**	**3.999**	**.0097**	**-.0003**	**.0241**	**366.5**	**.0023**
Stddev	.0006	.1436	.0072	.071	.0002	.0006	.0093	1.3	.0008
%RSD	15.55	57.81	324.2	1.781	2.180	210.0	38.73	.3513	34.70
#1	-.0031	.1149	.0019	3.950	.0100	.0002	.0349	368.0	.0014
#2	-.0041	.4002	-.0105	4.080	.0096	-.0009	.0182	365.8	.0027
#3	-.0041	.2300	.0020	3.966	.0097	-.0001	.0192	365.7	.0030

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0282**	**-.0019**	**.0040**	**.0095**	**.6079**	**400.3**	**.3541**	**1149.**	**.0133**
Stddev	.0124	.0014	.0012	.0016	.0181	1.8	.0017	5.	.0001
%RSD	44.09	75.30	30.18	16.49	2.981	.4387	.4834	.4419	1.030
#1	-.0145	-.0014	.0028	.0111	.6262	399.1	.3530	1155.	.0131
#2	-.0388	-.0008	.0040	.0092	.6075	399.5	.3532	1146.	.0134
#3	-.0311	-.0035	.0052	.0080	.5899	402.3	.3561	1146.	.0132

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0091**	**F 8084.**	**.0066**	**.0253**	**.0035**	**F 993.3**	**-.0061**	**-.0054**	**1.242**
Stddev	.0018	106.	.0019	.0090	.0052	17.8	.0073	.0024	.354
%RSD	19.25	1.310	28.86	35.75	150.5	1.793	120.2	45.28	28.52
#1	.0080	8112.	.0044	.0232	-.0024	981.6	-.0144	-.0072	1.045
#2	.0111	7967.	.0073	.0352	.0074	1014.	-.0008	-.0026	1.651
#3	.0082	8174.	.0080	.0175	.0054	984.5	-.0031	-.0063	1.029

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0044**	**6.853**	**.0032**	**.0304**	**.0019**	**.0068**	**.2351**	**-.0031**
Stddev	.0020	.029	.0017	.0027	.0029	.0027	.0038	.0003
%RSD	45.03	.4210	54.49	8.975	157.1	40.21	1.629	9.230
#1	-.0067	6.887	.0022	.0285	-.0012	.0047	.2327	-.0028
#2	-.0028	6.838	.0022	.0291	.0021	.0099	.2395	-.0031
#3	-.0038	6.836	.0052	.0335	.0047	.0058	.2331	-.0033

Zoom In Zoom Out

Sample Name: jd46880-3r 1 Acquired: 8/1/2022 21:07:16 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**10194.**	**184510.**	**9561.2**	**5193.2**
Stddev	155.	172.	17.3	92.8
%RSD	1.5209	.09332	.18090	1.7860
#1	10303.	184670.	9561.2	5258.6
#2	10017.	184520.	9578.6	5087.0
#3	10264.	184320.	9544.0	5233.8

Zoom In Zoom Out

Sample Name: jd46880-4r Acquired: 8/1/2022 21:12:14 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0056**	**.3418**	**.0024**	**4.306**	**.0092**	**.0003**	**.0258**	**399.8**	**.0004**
Stddev	.0009	.1856	.0049	.072	.0015	.0011	.0124	2.3	.0011
%RSD	15.60	54.30	208.1	1.685	16.84	337.3	48.12	.5716	263.6
#1	-.0046	.1660	.0026	4.302	.0081	.0013	.0394	401.8	.0014
#2	-.0061	.3235	.0071	4.380	.0109	.0006	.0227	400.3	.0007
#3	-.0062	.5358	-.0027	4.235	.0084	-.0009	.0151	397.3	-.0008

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0576**	**-.0007**	**-.0017**	**.0069**	**.4402**	**435.1**	**.3506**	**1252.**	**.0120**
Stddev	.0283	.0004	.0009	.0008	.0272	1.4	.0052	7.	.0001
%RSD	49.10	61.49	51.07	11.21	6.169	.3226	1.480	.5809	.4657
#1	-.0326	-.0012	-.0010	.0062	.4612	433.5	.3538	1258.	.0120
#2	-.0520	-.0004	-.0027	.0067	.4095	435.5	.3446	1256.	.0119
#3	-.0883	-.0006	-.0015	.0077	.4498	436.2	.3533	1244.	.0120

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0104**	F **8187.**	**.0051**	**.0232**	**.0025**	F **1072.**	**-.0186**	**-.0087**	**1.271**
Stddev	.0011	71.	.0020	.0048	.0009	18.	.0038	.0022	.019
%RSD	10.41	.8702	39.47	20.58	34.67	1.649	20.37	24.76	1.528
#1	.0102	8256.	.0029	.0208	.0015	1070.	-.0193	-.0080	1.266
#2	.0116	8190.	.0054	.0200	.0032	1090.	-.0220	-.0111	1.292
#3	.0095	8114.	.0069	.0286	.0026	1055.	-.0145	-.0070	1.255

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0029**	**7.520**	**.0035**	**.0341**	**.0026**	**.0003**	**.0338**	**-.0019**
Stddev	.0047	.046	.0005	.0054	.0021	.0052	.0014	.0011
%RSD	161.1	.6144	15.28	15.92	81.57	1535.	4.042	57.16
#1	-.0071	7.555	.0034	.0289	.0033	-.0007	.0324	-.0028
#2	.0022	7.537	.0030	.0398	.0042	-.0043	.0351	-.0007
#3	-.0039	7.467	.0041	.0336	.0002	.0060	.0339	-.0024

Zoom In Zoom Out

Sample Name: jd46880-4r Acquired: 8/1/2022 21:12:14 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**10212.**	**183250.**	**9581.5**	**5215.7**
Stddev	117.	511.	23.4	73.1
%RSD	1.1469	.27913	.24422	1.4008
#1	10226.	182690.	9586.9	5220.1
#2	10088.	183690.	9555.9	5140.6
#3	10321.	183370.	9601.8	5286.5

Zoom In Zoom Out

Sample Name: jd46880-3fr Acquired: 8/1/2022 21:17:12 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0046**	**.0161**	**.0022**	**4.176**	**.0092**	**-.0003**	**.0200**	**388.3**	**.0009**
Stddev	.0012	.1583	.0031	.002	.0011	.0003	.0163	1.1	.0010
%RSD	25.35	980.7	145.7	.0379	12.12	131.7	81.20	.2831	108.0
#1	-.0042	.1648	-.0014	4.174	.0099	-.0006	.0381	389.3	.0018
#2	-.0037	.0339	.0045	4.178	.0079	.0001	.0152	388.5	.0010
#3	-.0059	-.1503	.0034	4.177	.0099	-.0003	.0067	387.2	-.0001

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0578**	**-.0001**	**-.0014**	**.0072**	**.1650**	**429.1**	**.2807**	**1214.**	**.0015**
Stddev	.0176	.0010	.0007	.0011	.0035	1.8	.0110	3.	.0002
%RSD	30.36	1033.	46.02	15.85	2.100	.4186	3.929	.2529	10.66
#1	-.0384	.0001	-.0020	.0062	.1683	430.6	.2814	1217.	.0015
#2	-.0726	-.0012	-.0007	.0084	.1614	429.7	.2693	1213.	.0014
#3	-.0625	.0008	-.0016	.0070	.1653	427.1	.2913	1211.	.0017

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0087**	F **7934.**	**.0016**	**-.0045**	**-.0005**	F **1041.**	**-.0112**	**-.0108**	**.5296**
Stddev	.0011	178.	.0034	.0033	.0025	2.	.0054	.0063	.0027
%RSD	13.16	2.239	216.5	73.79	478.9	.2159	48.24	58.62	.5146
#1	.0080	8082.	-.0020	-.0059	-.0007	1043.	-.0051	-.0041	.5320
#2	.0100	7984.	.0048	-.0068	-.0029	1042.	-.0153	-.0166	.5266
#3	.0080	7737.	.0019	-.0007	.0021	1039.	-.0132	-.0116	.5300

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0017**	**7.324**	**-.0022**	**.0280**	**.0008**	**.0034**	**.1158**	**-.0031**
Stddev	.0057	.020	.0021	.0080	.0012	.0041	.0008	.0016
%RSD	340.5	.2777	92.94	28.68	138.1	121.6	.6615	51.48
#1	-.0052	7.339	-.0018	.0353	.0004	.0013	.1167	-.0032
#2	-.0047	7.332	-.0004	.0292	-.0001	.0082	.1152	-.0047
#3	.0049	7.301	-.0045	.0194	.0021	.0008	.1155	-.0015

Zoom In Zoom Out

Sample Name: jd46880-3fr Acquired: 8/1/2022 21:17:12 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**10205.**	**183480.**	**9547.8**	**5207.7**
Stddev	10.	295.	75.5	9.3
%RSD	.09630	.16057	.79060	.17947
#1	10197.	183800.	9479.4	5197.0
#2	10216.	183410.	9535.1	5213.9
#3	10201.	183220.	9628.8	5212.2

Zoom In Zoom Out

Sample Name: jd46880-4fr Acquired: 8/1/2022 21:22:10 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0041**	**.7167**	**-.0057**	**4.309**	**.0092**	**-.0007**	**.0205**	**395.4**	**.0006**
Stddev	.0014	.0647	.0073	.023	.0004	.0009	.0071	10.1	.0008
%RSD	35.01	9.032	127.4	.5396	4.806	133.2	34.51	2.542	125.6
#1	-.0049	.7694	-.0027	4.283	.0097	.0002	.0226	399.7	.0007
#2	-.0025	.6445	-.0140	4.317	.0090	-.0007	.0263	383.9	.0014
#3	-.0050	.7362	-.0004	4.327	.0088	-.0016	.0126	402.6	-.0002

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0536**	**.0004**	**-.0005**	**.0048**	**.2572**	**435.9**	**.2719**	**1240.**	**.0048**
Stddev	.0272	.0010	.0010	.0018	.0295	10.2	.0237	32.	.0002
%RSD	50.84	248.5	213.2	37.75	11.47	2.349	8.715	2.572	3.629
#1	-.0851	.0001	-.0009	.0068	.2897	440.1	.2992	1252.	.0046
#2	-.0380	-.0004	-.0012	.0033	.2320	424.2	.2572	1204.	.0049
#3	-.0377	.0015	.0007	.0043	.2498	443.4	.2592	1264.	.0048

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0106**	F **7844.**	**.0012**	**-.0011**	**.0022**	F **1061.**	**-.0166**	**-.0225**	**.5956**
Stddev	.0019	164.	.0010	.0040	.0048	7.	.0043	.0125	.0099
%RSD	18.05	2.084	84.55	351.8	219.7	.6605	25.85	55.66	1.658
#1	.0087	7928.	.0011	-.0040	.0076	1053.	-.0208	-.0282	.6067
#2	.0107	7656.	.0002	-.0030	.0001	1064.	-.0123	-.0081	.5924
#3	.0125	7949.	.0022	.0035	-.0012	1066.	-.0167	-.0311	.5877

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0057**	**7.425**	**-.0006**	**.0248**	**-.0007**	**.0020**	**.0565**	**-.0030**
Stddev	.0011	.183	.0031	.0070	.0023	.0034	.0011	.0000
%RSD	19.45	2.469	558.6	28.32	309.6	171.1	1.878	.8018
#1	-.0051	7.501	.0026	.0297	.0003	.0029	.0553	-.0030
#2	-.0069	7.216	-.0006	.0279	.0008	-.0018	.0571	-.0030
#3	-.0050	7.557	-.0037	.0167	-.0034	.0048	.0571	-.0031

Zoom In Zoom Out

Sample Name: jd46880-4fr Acquired: 8/1/2022 21:22:10 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**10117.**	**182170.**	**9548.8**	**5177.4**
Stddev	51.	939.	211.6	28.2
%RSD	.50830	.51517	2.2163	.54520
#1	10177.	181100.	9518.5	5209.9
#2	10091.	182840.	9773.9	5159.2
#3	10085.	182580.	9354.0	5163.0

Zoom In Zoom Out

Sample Name: jd48762-6undconf Acquired: 8/1/2022 21:27:09 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0029**	**-.0812**	**.0003**	**.7118**	**.0364**	**-.0001**	**.0083**	F **355.2**	**.0012**
Stddev	.0002	.0147	.0019	.0023	.0003	.0001	.0004	5.0	.0004
%RSD	8.082	18.09	582.5	.3253	.8394	126.3	4.939	1.422	30.22
#1	.0032	-.0981	.0014	.7094	.0365	-.0001	.0081	360.2	.0009
#2	.0028	-.0732	-.0019	.7140	.0360	-.0002	.0088	350.1	.0010
#3	.0027	-.0722	.0015	.7121	.0366	.0000	.0080	355.3	.0016

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0044**	**.0010**	**.1566**	**.0008**	**10.07**	**123.0**	**.0038**	**184.3**	**4.311**
Stddev	.0038	.0002	.0005	.0002	.05	.4	.0022	.2	.046
%RSD	85.51	18.12	.3375	29.76	.4651	.2986	56.71	.0881	1.071
#1	-.0021	.0011	.1560	.0010	10.12	123.1	.0045	184.4	4.279
#2	-.0088	.0008	.1565	.0006	10.04	122.6	.0014	184.4	4.364
#3	-.0024	.0010	.1571	.0010	10.04	123.4	.0056	184.1	4.289

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0173**	F **746.6**	**.0034**	**.0346**	**.0076**	F **883.2**	**-.0038**	**.0164**	**14.10**
Stddev	.0011	9.9	.0002	.0022	.0002	5.3	.0022	.0020	.04
%RSD	6.455	1.328	5.108	6.225	2.702	.6037	59.68	12.47	.2854
#1	.0163	746.3	.0036	.0367	.0075	879.2	-.0044	.0140	14.08
#2	.0171	756.7	.0032	.0348	.0075	889.2	-.0056	.0178	14.15
#3	.0185	736.9	.0035	.0324	.0078	881.0	-.0013	.0174	14.08

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0007**	**1.158**	**-.0013**	**.0205**	**.0008**	**.1343**	**.0003**	**.0009**
Stddev	.0012	.003	.0003	.0009	.0005	.0137	.0002	.0002
%RSD	158.4	.2688	21.07	4.633	57.37	10.19	79.95	21.30
#1	-.0000	1.158	-.0015	.0211	.0003	.1203	.0002	.0009
#2	-.0001	1.154	-.0010	.0194	.0008	.1351	.0005	.0011
#3	-.0021	1.161	-.0013	.0210	.0013	.1476	.0001	.0007

Zoom In Zoom Out

Sample Name: jd48762-6undconf Acquired: 8/1/2022 21:27:09 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**10523.**	**191890.**	**9737.0**	**5324.1**
Stddev	42.	113.	14.6	34.1
%RSD	.39843	.05912	.15013	.64108
#1	10569.	192000.	9730.9	5363.5
#2	10513.	191900.	9726.4	5302.5
#3	10487.	191770.	9753.7	5306.4

Zoom In Zoom Out

Sample Name: ccv Acquired: 8/1/2022 21:32:25 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2511**	**38.34**	**2.046**	**1.986**	**2.032**	**1.933**	**2.056**	**38.90**	**1.944**
Stddev	.0003	.07	.001	.004	.003	.004	.003	.08	.001
%RSD	.1274	.1786	.0227	.1929	.1557	.2246	.1656	.2071	.0688
#1	.2512	38.32	2.046	1.984	2.034	1.937	2.055	38.98	1.944
#2	.2514	38.28	2.046	1.985	2.028	1.929	2.053	38.82	1.943
#3	.2508	38.41	2.047	1.991	2.033	1.934	2.060	38.89	1.946
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.012**	**1.976**	**1.983**	**1.969**	**38.87**	**40.37**	**1.995**	**38.26**	**2.033**
Stddev	.008	.002	.002	.001	.07	.05	.003	.23	.014
%RSD	.4151	.1010	.0941	.0660	.1915	.1147	.1691	.6088	.6885
#1	2.020	1.978	1.984	1.970	38.93	40.43	1.999	38.52	2.048
#2	2.013	1.974	1.983	1.968	38.79	40.34	1.992	38.19	2.030
#3	2.003	1.976	1.981	1.968	38.90	40.35	1.995	38.08	2.021
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.063**	**39.08**	**1.967**	**2.073**	**1.955**	**2.132**	**2.036**	**1.978**	**5.016**
Stddev	.004	.07	.002	.003	.003	.004	.005	.003	.006
%RSD	.1925	.1744	.0914	.1537	.1430	.1685	.2658	.1534	.1133
#1	2.063	39.11	1.969	2.073	1.957	2.135	2.034	1.976	5.015
#2	2.060	39.01	1.966	2.070	1.952	2.128	2.031	1.975	5.010
#3	2.067	39.14	1.967	2.076	1.957	2.132	2.042	1.981	5.021
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 8/1/2022 21:32:25 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.077**	**2.014**	**2.058**	**1.884**	**1.970**	**2.065**	**1.961**	**2.084**
Stddev	.003	.003	.003	.006	.004	.004	.001	.002
%RSD	.1586	.1317	.1405	.3403	.1861	.1702	.0656	.0739
#1	2.073	2.016	2.061	1.879	1.974	2.068	1.960	2.085
#2	2.079	2.011	2.056	1.891	1.967	2.067	1.962	2.084
#3	2.079	2.015	2.056	1.882	1.968	2.061	1.962	2.082
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**11786.**	**206450.**	**9851.9**	**5802.6**
Stddev	14.	321.	13.7	14.0
%RSD	.11945	.15537	.13923	.24112
#1	11800.	206500.	9864.7	5818.7
#2	11772.	206110.	9837.4	5795.5
#3	11788.	206750.	9853.8	5793.5

Zoom In Zoom Out

Sample Name: ccb Acquired: 8/1/2022 21:37:15 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0015**	**.0075**	**.0001**	**.0031**	**.0003**	**.0001**	**.0005**	**-.0001**	**.0004**
Stddev	.0004	.0131	.0005	.0006	.0002	.0000	.0012	.0045	.0001
%RSD	28.67	174.2	361.3	19.07	69.41	32.13	215.7	3406.	22.02
#1	-.0013	.0086	.0004	.0036	.0004	.0002	.0015	-.0052	.0003
#2	-.0020	-.0061	.0005	.0032	.0005	.0001	.0010	.0015	.0004
#3	-.0012	.0200	-.0005	.0025	.0001	.0001	-.0008	.0033	.0005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0013**	**-.0000**	**-.0001**	**.0002**	**.0047**	**.0419**	**.0021**	**-.0298**	**.0001**
Stddev	.0042	.0002	.0004	.0002	.0019	.0136	.0028	.0300	.0000
%RSD	323.5	416.5	298.4	73.69	40.50	32.42	133.1	100.8	33.64
#1	-.0032	.0001	.0001	.0004	.0066	.0334	.0054	-.0568	.0002
#2	-.0043	-.0000	.0000	.0001	.0028	.0348	.0007	.0026	.0001
#3	.0035	-.0002	-.0005	.0002	.0048	.0576	.0003	-.0353	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0017**	**.2639**	**.0002**	**-.0011**	**-.0012**	F **.0202**	**.0016**	**.0015**	**.0041**
Stddev	.0002	.0108	.0002	.0001	.0004	.0072	.0014	.0021	.0006
%RSD	9.636	4.106	83.96	13.23	30.88	35.52	84.87	142.7	14.74
#1	.0018	.2669	.0000	-.0012	-.0013	.0283	.0013	.0039	.0035
#2	.0017	.2518	.0002	-.0010	-.0015	.0145	.0004	.0003	.0047
#3	.0015	.2728	.0004	-.0012	-.0008	.0179	.0031	.0003	.0041
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit						.0148			
Low Limit						-.0148			

Zoom In Zoom Out

Sample Name: ccb Acquired: 8/1/2022 21:37:15 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0000**	**-.0001**	**.0003**	**.0005**	**.0009**	F **.0147**	**-.0007**	**.0003**
Stddev	.0004	.0001	.0002	.0015	.0003	.0004	.0001	.0001
%RSD	6506.	59.13	55.21	312.5	30.06	2.418	17.42	20.44
#1	-.0005	-.0002	.0003	.0022	.0009	.0150	-.0006	.0002
#2	.0002	-.0000	.0005	-.0004	.0012	.0147	-.0008	.0003
#3	.0002	-.0002	.0002	-.0004	.0007	.0143	-.0008	.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit						.0050		
Low Limit						-.0050		

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12382.**	**216800.**	**9938.1**	**5920.3**
Stddev	232.	294.	24.6	137.0
%RSD	1.8710	.13551	.24758	2.3141
#1	12513.	217090.	9948.3	6004.8
#2	12115.	216800.	9955.9	5762.3
#3	12519.	216500.	9910.0	5993.9

Zoom In Zoom Out

Sample Name: mp34320-mb1 7 Acquired: 8/1/2022 21:42:12 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0015**	**.0103**	**-.0013**	**.0031**	**-.0002**	**-.0000**	**.0001**	**.0075**
Stddev	.0004	.0160	.0002	.0006	.0001	.0001	.0005	.0039
%RSD	30.19	156.4	16.66	20.94	43.25	103.8	696.4	52.71
#1	-.0010	-.0047	-.0012	.0029	-.0002	-.0001	.0004	.0068
#2	-.0019	.0272	-.0011	.0026	-.0001	-.0000	-.0005	.0117
#3	-.0016	.0083	-.0015	.0038	-.0001	-.0000	.0003	.0039

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000**	**-.0015**	**.0001**	**.0008**	**.0002**	**.0067**	**.0518**	**.0035**
Stddev	.0000	.0016	.0002	.0001	.0002	.0017	.0350	.0021
%RSD	162.3	107.8	183.0	7.968	102.3	26.27	67.56	59.99
#1	.0000	-.0029	-.0001	.0008	.0004	.0084	.0860	.0029
#2	.0001	-.0017	.0001	.0009	-.0000	.0067	.0161	.0058
#3	-.0000	.0002	.0004	.0009	.0003	.0049	.0534	.0018

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0158**	**.0001**	**.0007**	**5.800**	**-.0001**	**.0000**	**.0001**	**.0211**
Stddev	.0278	.0000	.0002	.013	.0001	.0005	.0002	.0042
%RSD	176.1	30.43	30.56	.2190	83.92	2001.	192.3	20.00
#1	-.0343	.0001	.0009	5.795	-.0001	-.0004	.0004	.0244
#2	-.0293	.0001	.0006	5.815	-.0001	-.0002	.0000	.0226
#3	.0162	.0001	.0006	5.791	-.0000	.0006	-.0000	.0163

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**.0006**	**.0112**	**.0004**	**-.0001**	**.0003**	F **-.0024**	**.0008**
Stddev	.0009	.0019	.0010	.0006	.0002	.0003	.0034	.0002
%RSD	229.6	294.8	9.255	139.0	184.9	109.6	143.8	27.06
#1	.0000	.0008	.0116	.0010	-.0002	.0003	-.0043	.0006
#2	.0015	-.0013	.0120	.0005	.0001	-.0000	-.0044	.0007
#3	-.0003	.0025	.0101	-.0002	-.0002	.0007	.0016	.0010

Zoom In Zoom Out

Sample Name: mp34320-mb1 7 Acquired: 8/1/2022 21:42:12 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0069**	**.0012**	**.0006**
Stddev	.0007	.0001	.0001
%RSD	10.21	4.970	19.53
#1	.0076	.0011	.0005
#2	.0062	.0013	.0007
#3	.0069	.0012	.0006

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12389.**	**213680.**	**9920.9**	**5983.6**
Stddev	13.	3444.	36.5	12.0
%RSD	.10567	1.6118	.36808	.20102
#1	12384.	209830.	9962.8	5973.2
#2	12404.	214780.	9895.5	5996.8
#3	12379.	216450.	9904.5	5981.0

Zoom In Zoom Out

Sample Name: mp34320-lb1 Acquired: 8/1/2022 21:47:10 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0013**	**.0743**	**.0010**	**.0183**	**.0072**	**.0000**	**.0030**	**.4032**
Stddev	.0002	.0113	.0007	.0009	.0002	.0003	.0021	.0008
%RSD	17.41	15.22	69.62	4.879	2.900	555.1	71.94	.1905
#1	-.0012	.0731	.0017	.0193	.0071	.0002	.0011	.4025
#2	-.0016	.0636	.0009	.0181	.0072	.0001	.0053	.4040
#3	-.0012	.0861	.0004	.0176	.0075	-.0002	.0025	.4029

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**-.0082**	**.0001**	**.0019**	**.0177**	**.0532**	**2.255**	**.0212**
Stddev	.0002	.0053	.0001	.0003	.0001	.0012	.074	.0008
%RSD	384.4	64.19	124.0	16.71	.7680	2.335	3.290	3.645
#1	-.0000	-.0036	.0000	.0018	.0178	.0518	2.173	.0208
#2	-.0001	-.0070	.0000	.0016	.0176	.0540	2.275	.0220
#3	.0003	-.0139	.0002	.0022	.0177	.0538	2.318	.0206

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0531**	**.0040**	**.0005**	F **1273.**	**.0017**	**.0805**	**.0041**	**.0734**
Stddev	.0352	.0001	.0001	1.	.0002	.0018	.0013	.0027
%RSD	66.30	1.509	30.47	.0678	12.53	2.270	32.42	3.709
#1	.0909	.0040	.0006	1274.	.0015	.0786	.0044	.0702
#2	.0470	.0040	.0003	1272.	.0019	.0823	.0027	.0751
#3	.0213	.0039	.0005	1272.	.0019	.0807	.0054	.0748

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0016**	**.0025**	**.4598**	**.0014**	**.0039**	**.0001**	F **-.0066**	**.0006**
Stddev	.0003	.0022	.0010	.0008	.0001	.0002	.0031	.0004
%RSD	19.66	87.35	.2154	57.85	3.679	182.8	47.74	79.18
#1	-.0015	.0011	.4600	.0007	.0040	.0001	-.0089	.0006
#2	-.0014	.0014	.4587	.0012	.0040	-.0001	-.0030	.0001
#3	-.0020	.0051	.4606	.0022	.0037	.0004	-.0079	.0010

Zoom In Zoom Out

Sample Name: mp34320-lb1 Acquired: 8/1/2022 21:47:10 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0026**	**.0514**	**.0000**
Stddev	.0011	.0001	.0001
%RSD	41.53	.1765	499.0
#1	.0023	.0515	.0001
#2	.0038	.0513	.0001
#3	.0017	.0514	-.0001

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**10733.**	**192530.**	**9676.3**	**5513.8**
Stddev	24.	707.	17.5	4.6
%RSD	.22198	.36722	.18082	.08316
#1	10716.	191840.	9673.1	5510.8
#2	10723.	192510.	9695.2	5511.6
#3	10760.	193250.	9660.7	5519.1

Zoom In Zoom Out

Sample Name: mp34320-b1 Acquired: 8/1/2022 21:52:12 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2495**	**25.69**	**2.039**	**1.967**	**2.039**	**1.946**	**.0259**	**25.99**
Stddev	.0002	.09	.023	.025	.003	.004	.0015	.05
%RSD	.0775	.3314	1.144	1.292	.1682	.1928	5.962	.1746
#1	.2496	25.70	2.024	1.948	2.035	1.949	.0276	26.05
#2	.2495	25.60	2.066	1.996	2.042	1.942	.0256	25.96
#3	.2493	25.77	2.028	1.957	2.039	1.946	.0245	25.98

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.946**	**-.0353**	**1.994**	**1.986**	**1.979**	**26.04**	**26.90**	**.0642**
Stddev	.026	.0034	.020	.000	.003	.02	.02	.0033
%RSD	1.331	9.700	1.007	.0145	.1383	.0797	.0640	5.090
#1	1.927	-.0381	1.981	1.986	1.979	26.05	26.88	.0650
#2	1.976	-.0364	2.017	1.986	1.977	26.02	26.92	.0670
#3	1.936	-.0315	1.985	1.986	1.982	26.06	26.91	.0606

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**25.55**	**2.029**	**2.080**	**26.31**	**1.981**	**2.065**	**1.966**	F **-.1360**
Stddev	.02	.013	.027	.01	.021	.021	.021	.0072
%RSD	.0734	.6587	1.291	.0347	1.070	1.028	1.044	5.276
#1	25.56	2.045	2.063	26.30	1.967	2.051	1.952	-.1322
#2	25.53	2.021	2.111	26.31	2.006	2.089	1.990	-.1443
#3	25.55	2.023	2.066	26.31	1.971	2.054	1.957	-.1315

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.033**	**1.965**	**.0305**	**2.094**	**2.018**	**2.055**	**1.914**	**1.967**
Stddev	.027	.025	.0015	.029	.002	.002	.016	.005
%RSD	1.334	1.255	4.945	1.365	.0937	.1149	.8429	.2817
#1	2.017	1.948	.0290	2.074	2.016	2.058	1.902	1.973
#2	2.064	1.993	.0320	2.126	2.019	2.054	1.933	1.968
#3	2.017	1.953	.0305	2.080	2.020	2.053	1.909	1.962

Zoom In Zoom Out

Sample Name: mp34320-b1 Acquired: 8/1/2022 21:52:12 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**2.003**	**1.972**	**2.079**
Stddev	.027	.027	.004
%RSD	1.361	1.381	.1764
#1	1.983	1.954	2.077
#2	2.034	2.004	2.077
#3	1.992	1.959	2.084

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**11946.**	**211360.**	**10076.**	**5850.2**
Stddev	97.	383.	49.	64.0
%RSD	.81313	.18122	.48552	1.0935
#1	12010.	211780.	10029.	5890.7
#2	11834.	211030.	10127.	5776.5
#3	11993.	211260.	10073.	5883.5

Zoom In Zoom Out

Sample Name: mp34320-ls1 Acquired: 8/1/2022 21:57:01 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2584**	**25.00**	**2.065**	**1.890**	**2.004**	**1.921**	**.0297**	**25.38**
Stddev	.0047	.08	.004	.002	.003	.004	.0025	.05
%RSD	1.827	.3043	.2111	.1243	.1505	.2175	8.454	.1799
#1	.2553	25.07	2.069	1.893	2.007	1.924	.0291	25.43
#2	.2561	25.02	2.065	1.891	2.001	1.923	.0276	25.35
#3	.2639	24.92	2.061	1.888	2.003	1.916	.0325	25.36

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.929**	**-.0437**	**1.980**	**1.958**	**1.909**	**25.28**	**29.40**	**.0771**
Stddev	.002	.0011	.002	.035	.034	.04	.05	.0029
%RSD	.1188	2.533	.1057	1.780	1.758	.1556	.1764	3.788
#1	1.931	-.0447	1.983	1.939	1.889	25.30	29.41	.0748
#2	1.930	-.0425	1.980	1.936	1.891	25.30	29.35	.0804
#3	1.927	-.0440	1.979	1.998	1.948	25.24	29.45	.0760

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**24.46**	**1.984**	**1.972**	F **1212.**	**1.978**	**2.142**	**1.943**	F **-.0991**
Stddev	.02	.017	.003	8.	.000	.006	.001	.0016
%RSD	.0667	.8376	.1623	.6417	.0187	.2629	.0320	1.662
#1	24.44	1.966	1.975	1220.	1.979	2.148	1.944	-.1005
#2	24.46	1.988	1.972	1211.	1.978	2.141	1.943	-.0995
#3	24.47	1.999	1.968	1205.	1.978	2.137	1.943	-.0973

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.969**	**2.064**	**.2893**	**1.956**	**1.984**	**2.007**	**1.790**	**1.963**
Stddev	.004	.004	.0009	.004	.004	.035	.005	.036
%RSD	.2145	.1943	.3253	.2231	.1903	1.759	.2721	1.828
#1	1.973	2.068	.2890	1.961	1.988	1.987	1.791	1.944
#2	1.967	2.064	.2885	1.955	1.982	1.985	1.795	1.940
#3	1.965	2.060	.2903	1.952	1.982	2.047	1.785	2.004

Zoom In Zoom Out

Sample Name: mp34320-ls1 Acquired: 8/1/2022 21:57:01 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**1.949**	**2.007**	**2.058**
Stddev	.004	.003	.035
%RSD	.1835	.1602	1.694
#1	1.953	2.009	2.036
#2	1.948	2.009	2.040
#3	1.946	2.003	2.098

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**10766.**	**192980.**	**9782.4**	**5554.4**
Stddev	35.	3068.	50.7	25.6
%RSD	.32301	1.5898	.51839	.46103
#1	10745.	194040.	9751.1	5536.4
#2	10746.	195380.	9840.9	5543.1
#3	10806.	189520.	9755.2	5583.7

Zoom In Zoom Out

Sample Name: mp34320-s1 Acquired: 8/1/2022 22:01:59 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2560**	**26.28**	**2.115**	**6.721**	**2.116**	**1.825**	**.0297**	**102.5**	**1.841**
Stddev	.0001	.07	.004	.009	.008	.003	.0021	.2	.002
%RSD	.0437	.2720	.2026	.1405	.3606	.1523	7.001	.1770	.1178
#1	.2561	26.22	2.113	6.730	2.121	1.826	.0301	102.6	1.843
#2	.2559	26.36	2.119	6.722	2.120	1.828	.0275	102.6	1.843
#3	.2561	26.26	2.111	6.711	2.107	1.822	.0317	102.3	1.839

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0381**	**1.887**	**1.833**	**2.528**	**25.47**	**33.99**	**.0832**	**29.37**	**2.178**
Stddev	.0036	.004	.001	.008	.04	.07	.0021	.09	.009
%RSD	9.536	.2245	.0511	.3150	.1400	.2171	2.551	.3089	.3914
#1	-.0384	1.890	1.832	2.535	25.51	33.96	.0823	29.34	2.172
#2	-.0416	1.888	1.833	2.520	25.48	34.07	.0817	29.48	2.176
#3	-.0343	1.882	1.834	2.528	25.44	33.93	.0856	29.31	2.188

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.012**	F **1261.**	**1.989**	**2.131**	**1.893**	**1.452**	**1.956**	**1.968**	**12.16**
Stddev	.002	21.	.004	.004	.003	.006	.004	.006	.02
%RSD	.1164	1.630	.1788	.1996	.1697	.4016	.2252	.2834	.1739
#1	2.015	1256.	1.991	2.132	1.896	1.459	1.958	1.973	12.16
#2	2.012	1284.	1.991	2.135	1.892	1.449	1.960	1.969	12.18
#3	2.010	1244.	1.985	2.126	1.890	1.449	1.952	1.962	12.14

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.911**	**2.232**	**1.963**	**1.695**	**1.846**	**1.934**	**5.134**	**2.009**
Stddev	.000	.007	.000	.008	.002	.002	.000	.001
%RSD	.0140	.3123	.0194	.4821	.1307	.0811	.0039	.0517
#1	1.911	2.236	1.964	1.693	1.845	1.935	5.134	2.010
#2	1.911	2.236	1.963	1.704	1.845	1.934	5.135	2.008
#3	1.911	2.224	1.963	1.688	1.849	1.932	5.135	2.009

Zoom In Zoom Out

Sample Name: mp34320-s1 Acquired: 8/1/2022 22:01:59 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**10612.**	**195130.**	**9828.8**	**5503.2**
Stddev	41.	139.	14.1	30.1
%RSD	.38273	.07125	.14335	.54719
#1	10639.	195230.	9825.2	5522.2
#2	10631.	194970.	9816.8	5518.8
#3	10565.	195190.	9844.3	5468.4

Zoom In Zoom Out

Sample Name: mp34320-s2 Acquired: 8/1/2022 22:06:56 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2578**	**25.80**	**2.133**	**6.758**	**2.127**	**1.848**	**.0283**	**101.9**	**1.866**
Stddev	.0005	.05	.007	.018	.004	.004	.0017	.2	.003
%RSD	.1771	.1920	.3412	.2692	.1805	.2391	5.962	.1874	.1827
#1	.2578	25.86	2.127	6.747	2.125	1.851	.0296	102.0	1.864
#2	.2582	25.79	2.133	6.748	2.131	1.850	.0288	102.1	1.864
#3	.2573	25.76	2.141	6.779	2.124	1.843	.0264	101.7	1.870

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0346**	**1.907**	**1.847**	**2.539**	**24.80**	**33.32**	**.0834**	**28.79**	**2.193**
Stddev	.0016	.003	.003	.003	.05	.03	.0026	.10	.008
%RSD	4.568	.1801	.1342	.0995	.2205	.0988	3.113	.3541	.3722
#1	-.0331	1.905	1.850	2.536	24.81	33.31	.0805	28.90	2.185
#2	-.0344	1.905	1.846	2.539	24.84	33.36	.0854	28.70	2.194
#3	-.0362	1.911	1.846	2.541	24.74	33.29	.0844	28.76	2.201

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.024**	F **1254.**	**2.012**	**2.153**	**1.922**	**1.466**	**1.970**	**1.992**	**12.18**
Stddev	.004	11.	.005	.006	.006	.011	.005	.005	.03
%RSD	.2071	.8455	.2321	.2903	.3406	.7767	.2741	.2552	.2419
#1	2.023	1266.	2.012	2.146	1.922	1.453	1.964	1.988	12.17
#2	2.021	1250.	2.008	2.154	1.915	1.471	1.971	1.989	12.16
#3	2.029	1247.	2.017	2.159	1.929	1.474	1.975	1.997	12.21

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.919**	**2.244**	**1.973**	**1.730**	**1.866**	**1.947**	**5.141**	**2.015**
Stddev	.002	.004	.002	.004	.004	.005	.009	.000
%RSD	.0779	.1659	.1176	.2399	.2187	.2494	.1692	.0194
#1	1.919	2.243	1.975	1.727	1.871	1.946	5.144	2.015
#2	1.918	2.247	1.972	1.735	1.863	1.943	5.131	2.014
#3	1.921	2.240	1.971	1.728	1.864	1.953	5.147	2.015

Zoom In Zoom Out

Sample Name: mp34320-s2 Acquired: 8/1/2022 22:06:56 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**10693.**	**193820.**	**9690.8**	**5568.2**
Stddev	26.	848.	44.2	13.3
%RSD	.24505	.43763	.45629	.23822
#1	10663.	193780.	9726.3	5552.8
#2	10713.	193000.	9641.3	5576.0
#3	10702.	194690.	9704.9	5575.7

Zoom In Zoom Out

Sample Name: da47321-1 Acquired: 8/1/2022 22:11:53 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**1.121**	**.0793**	**5.063**	**.2157**	**.0001**	**.0037**	**78.59**
Stddev	.0002	.007	.0010	.015	.0004	.0001	.0013	.05
%RSD	28.73	.6489	1.305	.2933	.1844	80.90	35.37	.0665
#1	.0008	1.114	.0781	5.059	.2161	.0002	.0050	78.63
#2	.0006	1.129	.0796	5.051	.2158	.0002	.0024	78.60
#3	.0004	1.121	.0800	5.079	.2153	.0000	.0036	78.53

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**-.0053**	**.0156**	**.0076**	**.7230**	**.2419**	**5.747**	**.0245**
Stddev	.0001	.0040	.0002	.0001	.0003	.0032	.095	.0052
%RSD	56.50	75.63	1.207	1.941	.0351	1.344	1.647	21.20
#1	.0003	-.0081	.0155	.0075	.7232	.2404	5.664	.0213
#2	.0001	-.0007	.0158	.0075	.7229	.2456	5.726	.0218
#3	.0001	-.0069	.0155	.0077	.7228	.2396	5.850	.0305

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.240**	**.3229**	**.0730**	F **1240.**	**.1272**	**.1117**	**.0627**	**1.626**
Stddev	.038	.0002	.0002	9.	.0004	.0008	.0011	.005
%RSD	.7331	.0506	.2362	.6999	.2903	.7223	1.784	.2869
#1	5.237	.3230	.0730	1243.	.1271	.1117	.0618	1.623
#2	5.280	.3230	.0732	1247.	.1269	.1125	.0640	1.623
#3	5.203	.3227	.0729	1230.	.1276	.1109	.0625	1.631

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0062**	**.0093**	**12.13**	**.0008**	**.3536**	**.0030**	F **-.0029**	**.0033**
Stddev	.0008	.0004	.03	.0003	.0004	.0003	.0009	.0004
%RSD	12.51	3.972	.2397	37.64	.1214	9.002	31.01	11.82
#1	.0059	.0097	12.12	.0005	.3537	.0031	-.0034	.0036
#2	.0056	.0089	12.11	.0010	.3540	.0027	-.0018	.0029
#3	.0071	.0093	12.17	.0008	.3532	.0033	-.0034	.0035

Zoom In Zoom Out

Sample Name: da47321-1 Acquired: 8/1/2022 22:11:53 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0162**	**3.449**	**.0001**
Stddev	.0010	.007	.0002
%RSD	6.013	.2109	182.9
#1	.0152	3.455	.0003
#2	.0163	3.441	.0001
#3	.0171	3.452	-.0001

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**10619.**	**191520.**	**9685.6**	**5475.6**
Stddev	18.	637.	22.3	10.1
%RSD	.16819	.33237	.23072	.18426
#1	10606.	191990.	9709.2	5468.9
#2	10611.	190800.	9683.1	5470.8
#3	10639.	191790.	9664.7	5487.2

Zoom In Zoom Out

Sample Name: mp34320-sd1 Acquired: 8/1/2022 22:16:52 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0032**	**1.383**	**.0834**	**5.453**	**.2266**	**-.0005**	**.0197**	**82.39**	**.0010**
Stddev	.0017	.099	.0073	.007	.0011	.0007	.0153	.46	.0011
%RSD	51.36	7.154	8.751	.1281	.5011	142.0	77.82	.5605	110.6
#1	-.0042	1.485	.0750	5.446	.2273	-.0008	.0216	82.63	.0001
#2	-.0013	1.376	.0879	5.451	.2272	-.0011	.0340	82.67	.0022
#3	-.0042	1.287	.0875	5.460	.2253	.0003	.0035	81.85	.0006

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0142**	**.0157**	**.0091**	**.7293**	**.2638**	**5.347**	**.0228**	**5.450**	**.3351**
Stddev	.0055	.0012	.0003	.0034	.0199	.107	.0176	.177	.0013
%RSD	38.57	7.821	3.550	.4652	7.528	1.994	77.00	3.249	.3735
#1	-.0085	.0147	.0088	.7255	.2803	5.315	.0420	5.650	.3340
#2	-.0195	.0171	.0094	.7321	.2694	5.466	.0074	5.313	.3364
#3	-.0147	.0154	.0090	.7301	.2417	5.259	.0192	5.388	.3349

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0780**	F **1525.**	**.1321**	**.1065**	**.0670**	**1.643**	**-.0005**	**.0136**	**12.66**
Stddev	.0015	18.	.0009	.0024	.0010	.042	.0089	.0050	.01
%RSD	1.932	1.182	.6521	2.218	1.530	2.559	1844.	36.67	.1153
#1	.0791	1506.	.1326	.1051	.0672	1.608	.0066	.0127	12.67
#2	.0763	1528.	.1311	.1093	.0659	1.689	.0025	.0092	12.66
#3	.0787	1542.	.1325	.1053	.0680	1.632	-.0105	.0190	12.64

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0012**	**.3721**	**.0040**	**-.0026**	**.0044**	**.0196**	**3.633**	**-.0004**
Stddev	.0020	.0024	.0013	.0037	.0011	.0069	.002	.0012
%RSD	171.8	.6538	33.17	141.8	25.31	35.35	.0449	296.5
#1	-.0026	.3740	.0025	-.0068	.0046	.0269	3.633	.0008
#2	.0011	.3729	.0048	.0005	.0054	.0187	3.634	-.0016
#3	-.0021	.3693	.0047	-.0017	.0032	.0131	3.631	-.0004

Zoom In Zoom Out

Sample Name: mp34320-sd1 Acquired: 8/1/2022 22:16:52 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**11528.**	**207620.**	**9943.5**	**5820.0**
Stddev	33.	831.	9.0	16.8
%RSD	.28308	.40044	.09017	.28848
#1	11491.	208550.	9950.0	5801.8
#2	11553.	206950.	9933.3	5834.9
#3	11540.	207350.	9947.2	5823.3

Zoom In Zoom Out

Sample Name: da47321-2 Acquired: 8/1/2022 22:21:52 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0016**	**.2811**	**.1066**	F **10.33**	**.2314**	**-.0000**	**.0027**	**197.5**
Stddev	.0006	.0174	.0011	.03	.0003	.0002	.0006	.3
%RSD	37.03	6.205	1.078	.2424	.1107	741.4	20.79	.1284
#1	.0009	.2612	.1070	10.32	.2317	-.0002	.0030	197.8
#2	.0018	.2939	.1054	10.32	.2313	.0000	.0031	197.4
#3	.0020	.2881	.1076	10.36	.2313	.0001	.0021	197.4

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**-.0032**	**.0135**	**.0057**	**.4809**	**.0593**	**4.508**	**.0139**
Stddev	.0002	.0047	.0002	.0002	.0004	.0029	.068	.0015
%RSD	60.37	148.7	1.623	4.142	.0738	4.887	1.510	11.10
#1	.0001	.0014	.0136	.0056	.4811	.0561	4.455	.0155
#2	.0005	-.0029	.0133	.0056	.4805	.0599	4.485	.0139
#3	.0004	-.0081	.0137	.0060	.4812	.0618	4.585	.0124

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**69.35**	**.3710**	**.0355**	F **1187.**	**.0854**	**.0385**	**.0265**	**2.349**
Stddev	.07	.0005	.0002	2.	.0006	.0008	.0009	.004
%RSD	.0959	.1355	.5755	.1859	.7267	1.994	3.276	.1802
#1	69.42	.3710	.0354	1189.	.0858	.0394	.0269	2.347
#2	69.34	.3705	.0358	1186.	.0846	.0382	.0255	2.354
#3	69.29	.3715	.0354	1185.	.0856	.0379	.0272	2.347

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0124**	**.0111**	**17.19**	**.0002**	**.3989**	**-.0003**	F **-.0040**	**.0030**
Stddev	.0015	.0019	.03	.0003	.0006	.0002	.0015	.0003
%RSD	11.93	16.85	.1727	173.4	.1401	84.21	38.04	11.46
#1	.0140	.0118	17.18	.0005	.3991	-.0003	-.0033	.0027
#2	.0111	.0126	17.16	-.0001	.3983	-.0000	-.0058	.0034
#3	.0120	.0090	17.22	.0002	.3994	-.0005	-.0030	.0028

Zoom In Zoom Out

Sample Name: da47321-2 Acquired: 8/1/2022 22:21:52 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0170**	**3.414**	**-.0008**
Stddev	.0006	.005	.0001
%RSD	3.534	.1426	7.427
#1	.0168	3.412	-.0008
#2	.0166	3.411	-.0009
#3	.0177	3.420	-.0008

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**10524.**	**192800.**	**9811.6**	**5422.7**
Stddev	41.	832.	49.9	25.7
%RSD	.38514	.43142	.50889	.47431
#1	10570.	192700.	9822.0	5452.2
#2	10501.	193680.	9855.6	5411.1
#3	10500.	192020.	9757.3	5404.9

Zoom In Zoom Out

Sample Name: da47321-3 Acquired: 8/1/2022 22:26:49 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0013**	**-.0330**	**.0930**	F **11.99**	**.1630**	**-.0002**	**.0038**	F **267.1**
Stddev	.0000	.0137	.0009	.01	.0004	.0000	.0034	5.6
%RSD	3.529	41.61	.9964	.0795	.2251	20.20	89.25	2.092
#1	.0012	-.0484	.0919	11.98	.1631	-.0001	.0036	267.5
#2	.0013	-.0287	.0937	11.99	.1633	-.0002	.0072	261.4
#3	.0013	-.0220	.0933	12.00	.1626	-.0002	.0005	272.5

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**-.0006**	**.0082**	**.0017**	**.1388**	**.0284**	**3.978**	**.0129**
Stddev	.0001	.0040	.0004	.0002	.0004	.0046	.020	.0015
%RSD	47.39	642.5	4.621	10.12	.2847	16.21	.5032	11.28
#1	.0002	.0021	.0079	.0017	.1384	.0271	3.977	.0112
#2	.0003	-.0052	.0079	.0018	.1392	.0335	3.999	.0141
#3	.0001	.0013	.0086	.0015	.1388	.0245	3.959	.0132

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**120.5**	**.2940**	**.0301**	F **1118.**	**.0610**	**.0155**	**.0009**	**3.479**
Stddev	.3	.0001	.0002	9.	.0001	.0004	.0016	.007
%RSD	.2888	.0435	.7279	.8163	.1899	2.732	177.7	.2038
#1	120.2	.2938	.0299	1107.	.0611	.0157	-.0009	3.478
#2	120.9	.2940	.0303	1123.	.0611	.0158	.0016	3.472
#3	120.3	.2941	.0302	1123.	.0609	.0150	.0021	3.486

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0137**	**.0152**	**17.99**	**-.0002**	**.3256**	**-.0009**	F **-.0052**	**.0021**
Stddev	.0003	.0015	.02	.0006	.0006	.0005	.0014	.0005
%RSD	2.361	9.991	.0889	349.8	.1959	54.28	27.73	25.01
#1	.0134	.0161	17.99	.0001	.3261	-.0013	-.0063	.0026
#2	.0140	.0160	17.97	-.0009	.3257	-.0011	-.0036	.0016
#3	.0136	.0134	18.01	.0002	.3248	-.0003	-.0057	.0020

Zoom In Zoom Out

Sample Name: da47321-3 Acquired: 8/1/2022 22:26:49 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0138**	**2.020**	**-.0010**
Stddev	.0017	.004	.0000
%RSD	12.67	.2163	3.304
#1	.0120	2.017	-.0009
#2	.0155	2.018	-.0010
#3	.0138	2.025	-.0010

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**10349.**	**190220.**	**9544.7**	**5326.6**
Stddev	30.	384.	83.1	23.5
%RSD	.28663	.20208	.87085	.44034
#1	10376.	190200.	9630.7	5345.5
#2	10356.	190620.	9464.7	5333.9
#3	10317.	189850.	9538.8	5300.3

Zoom In Zoom Out

Sample Name: ccv Acquired: 8/1/2022 22:31:56 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2516**	**38.80**	**2.040**	**1.998**	**2.035**	**1.933**	**2.047**	**38.87**	**1.945**
Stddev	.0004	.03	.004	.004	.004	.001	.004	.04	.002
%RSD	.1757	.0858	.1856	.1847	.1765	.0445	.2064	.1156	.0803
#1	.2514	38.84	2.043	1.999	2.039	1.934	2.046	38.91	1.945
#2	.2521	38.77	2.035	1.994	2.032	1.932	2.043	38.82	1.943
#3	.2512	38.81	2.040	2.001	2.034	1.933	2.051	38.89	1.947
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.023**	**1.977**	**1.984**	**1.968**	**38.44**	**40.73**	**2.036**	**38.27**	**2.018**
Stddev	.005	.002	.004	.002	.06	.06	.004	.06	.019
%RSD	.2615	.1149	.1834	.1142	.1498	.1554	.1825	.1653	.9533
#1	2.020	1.980	1.982	1.967	38.46	40.72	2.039	38.22	1.997
#2	2.029	1.977	1.988	1.971	38.38	40.68	2.032	38.25	2.034
#3	2.020	1.976	1.983	1.967	38.49	40.80	2.038	38.35	2.023
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.057**	**39.59**	**1.977**	**2.061**	**1.962**	**2.061**	**2.031**	**1.973**	**5.016**
Stddev	.002	.10	.002	.003	.002	.010	.004	.004	.005
%RSD	.0852	.2620	.1123	.1367	.1146	.4774	.2156	.2135	.0922
#1	2.056	39.70	1.978	2.058	1.964	2.051	2.027	1.973	5.017
#2	2.057	39.50	1.978	2.061	1.960	2.059	2.029	1.968	5.011
#3	2.059	39.58	1.974	2.063	1.962	2.071	2.036	1.977	5.020
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 8/1/2022 22:31:56 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.075**	**2.016**	**2.055**	**1.925**	**1.966**	**2.030**	**1.964**	**2.083**
Stddev	.003	.003	.002	.005	.004	.003	.001	.003
%RSD	.1260	.1609	.0858	.2730	.2162	.1693	.0388	.1551
#1	2.075	2.019	2.057	1.929	1.970	2.030	1.964	2.081
#2	2.072	2.013	2.055	1.927	1.966	2.026	1.964	2.087
#3	2.077	2.015	2.053	1.919	1.962	2.033	1.963	2.082
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**11793.**	**206720.**	**9686.3**	**5830.0**
Stddev	3.	1677.	24.7	10.4
%RSD	.02438	.81106	.25551	.17754
#1	11796.	208250.	9698.8	5836.8
#2	11793.	204930.	9702.3	5835.1
#3	11790.	206970.	9657.8	5818.1

Zoom In Zoom Out

Sample Name: ccb Acquired: 8/1/2022 22:36:47 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0010**	**.0120**	**.0001**	F **.0107**	**.0004**	**.0001**	**.0015**	**-.0034**	**-.0000**
Stddev	.0004	.0157	.0008	.0005	.0003	.0000	.0023	.0029	.0003
%RSD	41.98	130.5	743.4	4.465	76.24	53.83	155.0	84.32	2898.
#1	-.0010	-.0050	-.0008	.0105	.0003	.0000	-.0012	-.0066	-.0003
#2	-.0015	.0151	.0005	.0103	.0008	.0001	.0026	-.0013	.0001
#3	-.0006	.0259	.0006	.0112	.0002	.0001	.0032	-.0022	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				.0100					
Low Limit				-.0100					

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**-.0001**	**-.0003**	**.0004**	**.0028**	**.0101**	**-.0016**	**-.0236**	**.0001**
Stddev	.0051	.0002	.0001	.0001	.0020	.0307	.0008	.0196	.0000
%RSD	2062.	191.5	33.42	33.13	70.12	302.9	51.60	83.25	34.07
#1	-.0056	.0001	-.0002	.0004	.0015	-.0233	-.0012	-.0431	.0001
#2	.0044	-.0003	-.0002	.0004	.0019	.0372	-.0026	-.0238	.0001
#3	.0004	-.0001	-.0004	.0006	.0051	.0165	-.0011	-.0038	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0011**	**.3675**	**.0001**	**-.0004**	**-.0004**	**.0034**	**-.0013**	**.0007**	**.0033**
Stddev	.0002	.0026	.0003	.0009	.0003	.0026	.0019	.0025	.0020
%RSD	19.16	.7068	232.8	241.9	83.45	77.18	145.7	361.2	60.00
#1	.0013	.3675	-.0002	-.0011	-.0002	.0033	-.0018	-.0022	.0051
#2	.0010	.3701	.0004	.0007	-.0007	.0060	-.0028	.0022	.0037
#3	.0009	.3649	.0003	-.0008	-.0001	.0008	.0008	.0021	.0012
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ccb Acquired: 8/1/2022 22:36:47 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**-.0001**	**.0006**	**.0004**	**.0000**	**.0019**	**-.0008**	**.0003**
Stddev	.0004	.0001	.0002	.0016	.0003	.0008	.0001	.0001
%RSD	231.3	85.18	43.89	416.0	894.7	44.06	12.43	34.23
#1	-.0000	-.0001	.0008	.0009	-.0002	.0026	-.0008	.0004
#2	-.0007	-.0000	.0003	.0018	.0003	.0022	-.0007	.0004
#3	.0001	-.0001	.0005	-.0014	-.0001	.0010	-.0008	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12552.**	**215520.**	**9835.3**	**6044.3**
Stddev	42.	1246.	86.8	31.1
%RSD	.33834	.57805	.88231	.51382
#1	12553.	214130.	9810.7	6038.0
#2	12593.	215880.	9763.5	6078.1
#3	12508.	216550.	9931.7	6016.9

Zoom In Zoom Out

Sample Name: da47321-4 Acquired: 8/1/2022 22:41:47 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0018**	**-.0687**	**.3023**	F **18.58**	**.1251**	**-.0001**	**.0035**	F **292.6**
Stddev	.0002	.0485	.0014	.03	.0003	.0000	.0004	2.7
%RSD	14.02	70.64	.4561	.1704	.2232	37.51	12.73	.9165
#1	.0020	-.1100	.3034	18.55	.1248	-.0001	.0034	292.4
#2	.0017	-.0153	.3008	18.58	.1251	-.0001	.0039	289.9
#3	.0015	-.0808	.3029	18.61	.1253	-.0001	.0031	295.3

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**-.0143**	**.0053**	**.0001**	**.0016**	**.0106**	**3.435**	**.0118**
Stddev	.0003	.0056	.0003	.0002	.0001	.0020	.058	.0032
%RSD	224.8	39.33	4.965	129.3	7.230	19.30	1.673	27.26
#1	.0003	-.0114	.0055	-.0001	.0015	.0085	3.394	.0146
#2	.0003	-.0106	.0054	.0003	.0017	.0126	3.410	.0083
#3	-.0002	-.0207	.0050	.0002	.0017	.0106	3.501	.0126

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**207.5**	**.1720**	**.0270**	F **1210.**	**.0362**	**.0351**	**-.0008**	**14.42**
Stddev	.5	.0002	.0004	7.	.0004	.0008	.0012	.03
%RSD	.2175	.0956	1.307	.5911	1.034	2.246	148.0	.1784
#1	207.2	.1718	.0274	1203.	.0360	.0342	.0003	14.42
#2	207.3	.1720	.0268	1210.	.0360	.0358	-.0007	14.39
#3	208.0	.1721	.0268	1218.	.0366	.0353	-.0021	14.44

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0212**	**.0179**	**20.35**	**-.0005**	**.3697**	**-.0016**	F **-.0027**	**.0044**
Stddev	.0013	.0012	.04	.0005	.0008	.0006	.0010	.0003
%RSD	5.926	6.512	.1935	111.1	.2046	36.63	37.01	7.886
#1	.0212	.0176	20.32	-.0010	.3690	-.0022	-.0031	.0041
#2	.0199	.0170	20.34	-.0003	.3695	-.0013	-.0035	.0043
#3	.0225	.0192	20.39	-.0000	.3705	-.0011	-.0016	.0048

Zoom In Zoom Out

Sample Name: da47321-4 Acquired: 8/1/2022 22:41:47 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0134**	**.0027**	**-.0007**
Stddev	.0002	.0001	.0001
%RSD	1.429	4.077	16.12
#1	.0132	.0026	-.0006
#2	.0135	.0027	-.0008
#3	.0136	.0028	-.0008

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**10306.**	**188310.**	**9487.0**	**5291.0**
Stddev	22.	810.	24.3	17.8
%RSD	.21772	.43000	.25609	.33709
#1	10288.	188580.	9507.6	5271.9
#2	10298.	187400.	9493.2	5294.0
#3	10331.	188960.	9460.3	5307.2

Zoom In Zoom Out

Sample Name: da47321-5 Acquired: 8/1/2022 22:46:54 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0057**	**-.1537**	**.8800**	F **51.31**	**.1976**	**-.0003**	**.0031**	F **517.8**	**.0001**
Stddev	.0005	.0205	.0030	.05	.0003	.0000	.0024	5.2	.0002
%RSD	8.149	13.32	.3445	.1064	.1610	16.62	77.29	1.013	295.6
#1	.0054	-.1365	.8772	51.25	.1979	-.0003	.0015	522.4	-.0001
#2	.0063	-.1764	.8832	51.34	.1976	-.0003	.0019	512.1	.0000
#3	.0055	-.1483	.8797	51.35	.1972	-.0002	.0059	519.0	.0004

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0131**	**.0004**	**.0008**	**.0018**	**.0175**	**8.925**	**.0072**	**67.34**	**.0423**
Stddev	.0031	.0003	.0001	.0002	.0010	.029	.0026	.07	.0001
%RSD	23.91	87.40	11.57	10.93	5.684	.3209	36.53	.1069	.1509
#1	-.0138	-.0000	.0008	.0018	.0182	8.896	.0084	67.27	.0422
#2	-.0158	.0006	.0009	.0017	.0180	8.927	.0091	67.41	.0422
#3	-.0096	.0006	.0007	.0021	.0164	8.953	.0042	67.33	.0423

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0647**	F **1174.**	**.0224**	**.0717**	**-.0010**	**3.994**	**.0204**	**.0418**	F **57.46**
Stddev	.0004	20.	.0002	.0014	.0017	.014	.0008	.0022	.06
%RSD	.5566	1.742	.8778	1.912	168.9	.3453	4.025	5.187	.1117
#1	.0643	1192.	.0222	.0717	-.0001	3.986	.0213	.0434	57.39
#2	.0650	1179.	.0226	.0704	-.0030	3.987	.0197	.0426	57.50
#3	.0648	1152.	.0223	.0731	.0000	4.010	.0201	.0393	57.49

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**.7352**	**-.0041**	**-.0019**	**.0077**	**.0393**	**.0022**	**-.0047**
Stddev	.0013	.0017	.0005	.0026	.0004	.0006	.0002	.0001
%RSD	822.8	.2370	12.99	133.3	5.766	1.609	8.836	1.312
#1	-.0007	.7371	-.0047	-.0045	.0073	.0386	.0019	-.0048
#2	-.0005	.7345	-.0036	-.0019	.0082	.0399	.0022	-.0047
#3	.0016	.7338	-.0041	.0006	.0076	.0393	.0023	-.0048

Zoom In Zoom Out

Sample Name: da47321-5 Acquired: 8/1/2022 22:46:54 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**10275.**	**189730.**	**9496.2**	**5303.9**
Stddev	14.	728.	33.1	8.0
%RSD	.14029	.38380	.34827	.15089
#1	10281.	190520.	9472.6	5309.0
#2	10259.	189570.	9482.0	5294.7
#3	10286.	189090.	9534.0	5308.0

Zoom In Zoom Out

Sample Name: da47321-6 Acquired: 8/1/2022 22:51:58 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0074**	**-.1565**	**1.150**	F **56.95**	**.2256**	**-.0004**	**.0020**	F **582.2**	**.0001**
Stddev	.0002	.0119	.002	.07	.0006	.0001	.0007	5.1	.0004
%RSD	2.148	7.616	.1822	.1292	.2795	16.03	35.56	.8829	402.6
#1	.0073	-.1608	1.149	57.00	.2259	-.0004	.0026	576.3	.0004
#2	.0073	-.1657	1.153	56.99	.2260	-.0003	.0022	585.0	.0002
#3	.0076	-.1430	1.149	56.87	.2249	-.0004	.0012	585.3	-.0003

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0136**	**-.0006**	**.0020**	**.0015**	**.0179**	**6.419**	**.0101**	**29.72**	**-.0005**
Stddev	.0047	.0002	.0002	.0007	.0014	.042	.0036	.16	.0000
%RSD	34.69	28.46	7.839	46.26	7.993	.6479	35.01	.5277	3.338
#1	-.0094	-.0005	.0019	.0020	.0163	6.375	.0062	29.56	-.0005
#2	-.0188	-.0007	.0022	.0018	.0182	6.425	.0130	29.71	-.0005
#3	-.0127	-.0004	.0019	.0007	.0191	6.457	.0113	29.88	-.0005

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0400**	F **1152.**	**.0015**	**.0166**	**-.0011**	**3.137**	**.0202**	**.0493**	F **70.13**
Stddev	.0003	11.	.0005	.0016	.0006	.006	.0010	.0009	.05
%RSD	.6797	.9734	31.47	9.357	57.45	.1955	4.983	1.755	.0750
#1	.0401	1165.	.0013	.0161	-.0004	3.143	.0213	.0493	70.17
#2	.0403	1147.	.0012	.0153	-.0016	3.131	.0194	.0485	70.14
#3	.0397	1144.	.0021	.0183	-.0013	3.138	.0198	.0502	70.07

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**1.016**	**-.0051**	**-.0002**	**.0089**	**.0463**	**.0022**	**-.0061**
Stddev	.0003	.002	.0001	.0014	.0001	.0008	.0003	.0002
%RSD	41.69	.2162	2.177	573.0	1.368	1.812	11.79	2.798
#1	.0008	1.015	-.0050	-.0009	.0090	.0454	.0024	-.0059
#2	.0007	1.019	-.0050	-.0012	.0088	.0471	.0019	-.0060
#3	.0003	1.015	-.0052	.0014	.0088	.0463	.0022	-.0062

Zoom In Zoom Out

Sample Name: da47321-6 Acquired: 8/1/2022 22:51:58 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**10308.**	**190420.**	**9533.7**	**5318.0**
Stddev	26.	1266.	15.0	23.4
%RSD	.25699	.66484	.15772	.44001
#1	10322.	190970.	9549.1	5334.9
#2	10277.	191330.	9532.8	5291.3
#3	10324.	188980.	9519.1	5327.8

Zoom In Zoom Out

Sample Name: da47321-7 Acquired: 8/1/2022 22:57:03 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0009**	**.0417**	**.1511**	**2.057**	**.0325**	**.0001**	**.0023**	**6.750**
Stddev	.0002	.0251	.0007	.011	.0002	.0001	.0017	.010
%RSD	23.43	60.22	.4897	.5395	.7536	126.2	73.82	.1496
#1	-.0007	.0688	.1508	2.069	.0322	.0002	.0028	6.750
#2	-.0008	.0193	.1519	2.055	.0326	.0002	.0004	6.740
#3	-.0011	.0370	.1505	2.047	.0327	-.0000	.0036	6.760

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**-.0090**	**.0011**	**.0012**	**.0014**	**.0124**	**2.037**	**.0142**
Stddev	.0001	.0011	.0001	.0004	.0002	.0030	.051	.0043
%RSD	42.53	12.32	9.342	35.35	17.23	24.61	2.527	30.22
#1	.0002	-.0102	.0011	.0014	.0015	.0148	1.992	.0179
#2	.0002	-.0080	.0011	.0007	.0015	.0090	2.093	.0095
#3	.0001	-.0087	.0010	.0014	.0011	.0133	2.025	.0151

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.967**	**.0570**	**.0005**	F **1094.**	**.0186**	**.7758**	**.0002**	**22.99**
Stddev	.019	.0005	.0002	10.	.0004	.0022	.0006	.08
%RSD	.9504	.9025	44.95	.9091	2.221	.2832	340.7	.3531
#1	1.952	.0566	.0003	1086.	.0182	.7783	.0009	23.08
#2	1.961	.0576	.0007	1092.	.0185	.7743	.0001	22.96
#3	1.988	.0568	.0004	1105.	.0190	.7748	-.0004	22.93

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0019**	**.0020**	**1.766**	**-.0000**	**.0750**	**-.0002**	F **-.0026**	**.0004**
Stddev	.0005	.0024	.006	.0005	.0000	.0002	.0019	.0003
%RSD	25.47	119.4	.3446	1398.	.0638	157.9	75.59	72.63
#1	-.0015	.0043	1.773	.0005	.0749	-.0004	-.0041	.0004
#2	-.0025	-.0005	1.761	-.0002	.0750	.0001	-.0032	.0006
#3	-.0018	.0023	1.765	-.0004	.0750	-.0002	-.0004	.0001

Zoom In Zoom Out

Sample Name: da47321-7 Acquired: 8/1/2022 22:57:03 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0011**	**.1279**	**-.0001**
Stddev	.0009	.0003	.0001
%RSD	77.46	.2504	55.32
#1	.0013	.1276	-.0001
#2	.0002	.1278	-.0000
#3	.0019	.1282	-.0001

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**10918.**	**196120.**	**9721.0**	**5581.7**
Stddev	42.	2106.	95.3	25.5
%RSD	.38417	1.0736	.98072	.45698
#1	10936.	198540.	9731.9	5592.8
#2	10870.	194730.	9810.5	5552.5
#3	10947.	195080.	9620.7	5599.8

Zoom In Zoom Out

Sample Name: da47321-8 Acquired: 8/1/2022 23:02:02 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0026**	F **-.2278**	**.7448**	F **87.77**	**.4263**	**-.0005**	**.0046**	F **731.7**
Stddev	.0003	.0058	.0025	.07	.0006	.0001	.0011	.3
%RSD	9.867	2.561	.3325	.0819	.1300	13.41	24.51	.0460
#1	.0027	-.2236	.7431	87.77	.4268	-.0005	.0052	731.6
#2	.0028	-.2345	.7435	87.70	.4266	-.0004	.0033	732.1
#3	.0023	-.2253	.7476	87.85	.4257	-.0005	.0054	731.5

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**-.0131**	**-.0001**	**.0014**	**.0009**	**.0187**	**13.37**	**.0085**
Stddev	.0004	.0060	.0002	.0001	.0003	.0014	.04	.0020
%RSD	82.56	45.59	290.6	10.57	32.61	7.547	.2835	23.70
#1	.0001	-.0082	-.0001	.0015	.0012	.0194	13.38	.0068
#2	.0005	-.0114	-.0002	.0012	.0006	.0195	13.33	.0107
#3	.0008	-.0198	.0001	.0013	.0009	.0170	13.40	.0080

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**24.03**	**-.0004**	**.0392**	F **1127.**	**.0002**	**.0000**	**-.0018**	**2.210**
Stddev	.07	.0000	.0003	15.	.0003	.0011	.0014	.001
%RSD	.2981	7.855	.7806	1.313	119.3	4413.	78.67	.0644
#1	24.07	-.0004	.0393	1137.	.0001	-.0011	-.0004	2.208
#2	23.94	-.0004	.0388	1133.	.0000	.0011	-.0017	2.210
#3	24.07	-.0003	.0394	1110.	.0006	.0001	-.0032	2.210

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0270**	**.0384**	F **33.85**	**-.0005**	**1.574**	**-.0048**	F **-.0090**	**.0189**
Stddev	.0005	.0029	.03	.0011	.002	.0002	.0022	.0003
%RSD	1.671	7.452	.0845	213.8	.0944	3.189	24.34	1.584
#1	.0272	.0403	33.83	.0007	1.575	-.0049	-.0068	.0187
#2	.0273	.0351	33.85	-.0014	1.574	-.0047	-.0090	.0187
#3	.0264	.0397	33.88	-.0007	1.572	-.0050	-.0112	.0192

Zoom In Zoom Out

Sample Name: da47321-8 Acquired: 8/1/2022 23:02:02 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0696**	**.0016**	**-.0034**
Stddev	.0019	.0001	.0003
%RSD	2.763	6.609	10.21
#1	.0691	.0015	-.0030
#2	.0718	.0017	-.0037
#3	.0681	.0015	-.0035

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**10239.**	**189610.**	**9447.7**	**5274.7**
Stddev	24.	851.	41.1	9.2
%RSD	.23063	.44870	.43490	.17468
#1	10215.	189300.	9433.8	5264.4
#2	10262.	188950.	9493.9	5282.2
#3	10242.	190570.	9415.3	5277.4

Zoom In Zoom Out

Sample Name: da47321-9 Acquired: 8/1/2022 23:07:07 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0051**	**-.1986**	**1.285**	F **78.89**	**.3587**	**-.0004**	**.0040**	F **711.9**
Stddev	.0003	.0111	.001	.03	.0001	.0001	.0023	10.0
%RSD	6.234	5.609	.0712	.0394	.0263	28.05	57.20	1.400
#1	.0050	-.2093	1.284	78.93	.3586	-.0005	.0015	723.4
#2	.0048	-.1993	1.286	78.88	.3588	-.0003	.0059	705.7
#3	.0055	-.1871	1.285	78.88	.3588	-.0005	.0048	706.5

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**-.0144**	**-.0002**	**.0047**	**.0013**	**.0298**	**10.02**	**.0055**
Stddev	.0001	.0008	.0005	.0001	.0004	.0028	.02	.0023
%RSD	99.24	5.684	216.9	1.771	33.37	9.387	.2297	41.80
#1	.0001	-.0148	.0002	.0048	.0016	.0288	10.00	.0071
#2	.0002	-.0135	-.0007	.0046	.0016	.0330	10.04	.0029
#3	-.0000	-.0150	-.0002	.0048	.0008	.0276	10.00	.0065

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**33.37**	**-.0004**	**.0388**	F **1149.**	**.0008**	**.0049**	**-.0007**	**1.577**
Stddev	.17	.0000	.0001	27.	.0005	.0009	.0010	.008
%RSD	.5179	9.239	.3469	2.314	58.54	18.55	147.8	.4855
#1	33.56	-.0004	.0389	1179.	.0007	.0054	.0004	1.582
#2	33.25	-.0003	.0387	1131.	.0013	.0038	-.0009	1.568
#3	33.29	-.0004	.0389	1136.	.0004	.0053	-.0016	1.581

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0337**	**.0462**	F **53.36**	**-.0001**	**1.431**	**-.0050**	F **-.0060**	**.0188**
Stddev	.0014	.0021	.05	.0009	.003	.0001	.0018	.0001
%RSD	4.300	4.450	.0897	1575.	.2087	1.536	29.62	.6300
#1	.0352	.0447	53.41	.0010	1.434	-.0051	-.0070	.0188
#2	.0335	.0453	53.32	-.0004	1.428	-.0051	-.0070	.0188
#3	.0323	.0485	53.35	-.0007	1.430	-.0049	-.0040	.0186

Zoom In Zoom Out

Sample Name: da47321-9 Acquired: 8/1/2022 23:07:07 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0584**	**.0053**	**-.0049**
Stddev	.0008	.0001	.0003
%RSD	1.424	2.340	6.341
#1	.0587	.0054	-.0051
#2	.0574	.0052	-.0045
#3	.0589	.0052	-.0051

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**10291.**	**190110.**	**9446.0**	**5310.4**
Stddev	11.	619.	48.0	12.5
%RSD	.10590	.32543	.50780	.23466
#1	10298.	189390.	9411.5	5323.4
#2	10296.	190410.	9425.6	5309.4
#3	10278.	190510.	9500.8	5298.5

Zoom In Zoom Out

Sample Name: da47321-10 Acquired: 8/1/2022 23:12:12 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0062**	**-.1700**	**.9498**	F **83.76**	**.3920**	**-.0005**	**.0056**	F **665.7**
Stddev	.0002	.0214	.0018	.05	.0015	.0002	.0007	13.2
%RSD	3.979	12.57	.1864	.0645	.3765	37.12	11.72	1.984
#1	.0065	-.1506	.9478	83.75	.3927	-.0003	.0064	667.1
#2	.0060	-.1666	.9512	83.72	.3930	-.0006	.0051	678.2
#3	.0062	-.1929	.9503	83.82	.3903	-.0005	.0054	651.9

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**-.0159**	**-.0006**	**.0039**	**.0027**	**.0267**	**37.51**	**.0128**
Stddev	.0003	.0033	.0003	.0004	.0002	.0049	.10	.0022
%RSD	57.56	20.73	43.37	9.383	8.460	18.42	.2701	17.58
#1	.0002	-.0196	-.0003	.0041	.0024	.0245	37.56	.0115
#2	.0006	-.0144	-.0008	.0035	.0028	.0232	37.58	.0115
#3	.0007	-.0136	-.0006	.0042	.0028	.0323	37.39	.0154

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**33.60**	**-.0001**	**.0795**	F **1103.**	**.0019**	**.0203**	**-.0005**	**4.242**
Stddev	.17	.0001	.0002	30.	.0002	.0002	.0009	.003
%RSD	.5080	53.41	.2426	2.750	9.530	1.185	163.0	.0806
#1	33.73	-.0001	.0793	1132.	.0021	.0203	-.0005	4.240
#2	33.65	-.0000	.0797	1106.	.0018	.0201	-.0014	4.246
#3	33.41	-.0002	.0795	1072.	.0018	.0206	.0003	4.240

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0360**	**.0493**	F **59.40**	**.0007**	**1.607**	**-.0051**	F **-.0035**	**.0199**
Stddev	.0003	.0029	.05	.0013	.003	.0003	.0028	.0004
%RSD	.8377	5.920	.0784	184.3	.2028	6.194	80.16	1.958
#1	.0357	.0475	59.37	.0012	1.609	-.0053	-.0025	.0196
#2	.0363	.0477	59.38	-.0008	1.608	-.0048	-.0014	.0198
#3	.0360	.0526	59.45	.0016	1.603	-.0053	-.0067	.0203

Zoom In Zoom Out

Sample Name: da47321-10 Acquired: 8/1/2022 23:12:12 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0753**	**.0055**	**-.0053**
Stddev	.0013	.0001	.0002
%RSD	1.735	2.482	4.346
#1	.0740	.0053	-.0051
#2	.0766	.0056	-.0055
#3	.0754	.0056	-.0054

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**10265.**	**189540.**	**9521.0**	**5296.0**
Stddev	11.	385.	115.4	5.1
%RSD	.10445	.20299	1.2119	.09688
#1	10263.	189970.	9478.5	5297.9
#2	10277.	189220.	9432.9	5300.0
#3	10256.	189430.	9651.6	5290.2

Zoom In Zoom Out

Sample Name: jd48925-1 Acquired: 8/1/2022 23:17:17 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0007**	**.6280**	**.0922**	**.2884**	**.1125**	**.0001**	**.0029**	**111.0**	**.0104**
Stddev	.0001	.0242	.0006	.0052	.0002	.0001	.0015	.2	.0001
%RSD	20.11	3.852	.6005	1.790	.1710	112.4	51.10	.1616	.7385
#1	.0006	.6430	.0927	.2934	.1124	.0002	.0030	111.2	.0104
#2	.0007	.6001	.0925	.2887	.1127	.0001	.0042	110.8	.0103
#3	.0009	.6409	.0916	.2831	.1124	-.0000	.0013	110.9	.0104

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0079**	**.0019**	**.0007**	**.0251**	**1.562**	**14.46**	**.0126**	**20.54**	**2.127**
Stddev	.0065	.0005	.0000	.0002	.010	.03	.0035	.11	.019
%RSD	82.00	26.99	2.368	.7934	.6318	.1839	27.98	.5221	.8990
#1	.0088	.0016	.0007	.0252	1.572	14.43	.0124	20.59	2.136
#2	.0140	.0026	.0008	.0252	1.560	14.48	.0091	20.41	2.105
#3	.0010	.0016	.0007	.0248	1.553	14.45	.0162	20.60	2.141

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0028**	F **1006.**	**.0294**	**3.455**	**.0261**	**42.71**	**.0001**	**.0060**	**5.002**
Stddev	.0004	6.	.0003	.004	.0004	.05	.0020	.0013	.004
%RSD	12.54	.5994	.9326	.1192	1.515	.1202	2268.	21.11	.0846
#1	.0029	1005.	.0296	3.458	.0265	42.74	-.0008	.0049	5.002
#2	.0025	1013.	.0294	3.455	.0261	42.75	-.0012	.0074	5.007
#3	.0032	1001.	.0291	3.450	.0257	42.65	.0023	.0058	4.998

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**.6239**	**.0095**	**.0013**	**.0029**	**.0029**	**.9584**	**.0019**
Stddev	.0002	.0006	.0004	.0035	.0003	.0010	.0007	.0001
%RSD	83.86	.1037	4.136	263.5	10.13	33.55	.0690	2.869
#1	.0005	.6246	.0099	-.0017	.0027	.0040	.9584	.0020
#2	.0000	.6239	.0091	.0005	.0027	.0025	.9590	.0019
#3	.0003	.6233	.0094	.0052	.0032	.0022	.9577	.0019

Zoom In Zoom Out

Sample Name: jd48925-1 Acquired: 8/1/2022 23:17:17 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**10839.**	**197520.**	**9776.6**	**5594.7**
Stddev	28.	800.	54.7	17.1
%RSD	.25827	.40478	.55995	.30568
#1	10809.	198360.	9714.8	5577.4
#2	10842.	197420.	9819.0	5595.2
#3	10865.	196770.	9796.1	5611.5

Zoom In Zoom Out

Sample Name: mp34321-lb1 3 Acquired: 8/1/2022 23:22:22 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0006**	**.0478**	**-.0001**	**.0864**	**.0041**	**-.0001**	**.0003**	**.3552**	**.0000**
Stddev	.0002	.0044	.0022	.0016	.0003	.0001	.0018	.0091	.0001
%RSD	35.90	9.124	3446.	1.867	8.229	61.94	534.7	2.566	133.9
#1	-.0009	.0431	.0015	.0863	.0041	-.0000	.0017	.3655	.0001
#2	-.0005	.0483	-.0026	.0881	.0037	-.0002	-.0018	.3482	-.0000
#3	-.0006	.0518	.0009	.0849	.0044	-.0001	.0011	.3518	.0000

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0042**	**.0002**	**.0004**	**.0197**	**.0381**	**1.425**	**.0007**	**.0099**	**.0042**
Stddev	.0021	.0001	.0003	.0002	.0062	.037	.0019	.0383	.0001
%RSD	50.09	31.84	77.31	1.016	16.39	2.606	260.5	386.4	1.287
#1	.0044	.0002	.0001	.0197	.0423	1.432	-.0006	.0331	.0042
#2	.0062	.0002	.0004	.0196	.0309	1.385	-.0001	.0308	.0041
#3	.0020	.0003	.0006	.0200	.0410	1.458	.0030	-.0343	.0042

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**1.433**	**.0002**	**.0956**	**.0001**	**1.084**	**-.0009**	**.0010**	**.4432**
Stddev	.0001	.033	.0001	.0011	.0010	.011	.0009	.0012	.0052
%RSD	51.68	2.300	77.22	1.125	725.1	1.052	108.8	111.0	1.182
#1	.0003	1.470	.0001	.0949	.0002	1.078	-.0008	.0004	.4402
#2	.0001	1.418	.0003	.0969	.0011	1.097	.0001	.0024	.4492
#3	.0004	1.410	.0001	.0952	-.0009	1.076	-.0018	.0004	.4401

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**.0037**	**.0000**	**-.0018**	**.0004**	**.0011**	**.0471**	**.0002**
Stddev	.0007	.0001	.0003	.0021	.0002	.0010	.0006	.0002
%RSD	196.5	2.495	6397.	116.4	45.26	89.00	1.211	72.68
#1	.0003	.0037	-.0004	-.0010	.0002	.0022	.0468	.0003
#2	-.0010	.0038	.0002	-.0003	.0005	.0004	.0478	.0003
#3	-.0004	.0036	.0002	-.0042	.0005	.0007	.0468	.0000

Zoom In Zoom Out

Sample Name: mp34321-lb1 3 Acquired: 8/1/2022 23:22:22 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12578.**	**219250.**	**10134.**	**6112.8**
Stddev	141.	1861.	31.	82.6
%RSD	1.1189	.84874	.30383	1.3510
#1	12653.	218290.	10099.	6157.6
#2	12416.	221400.	10152.	6017.5
#3	12666.	218070.	10152.	6163.3

Zoom In Zoom Out

Sample Name: mp34321-mb1 3 Acquired: 8/1/2022 23:27:21 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0009**	**.0167**	**-.0004**	**.0612**	**-.0004**	**-.0001**	**-.0002**	**.0128**	**-.0000**
Stddev	.0002	.0088	.0012	.0017	.0003	.0001	.0020	.0023	.0001
%RSD	21.19	52.77	276.3	2.848	89.67	231.6	1103.	17.68	204.5
#1	-.0007	.0128	-.0009	.0629	-.0007	-.0001	.0014	.0154	-.0001
#2	-.0009	.0267	-.0014	.0611	-.0004	-.0001	.0006	.0114	.0001
#3	-.0010	.0105	.0009	.0594	-.0000	.0001	-.0025	.0116	-.0001

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0022**	**-.0001**	**.0002**	**.0005**	**.0042**	**-.0139**	**-.0010**	**-.0360**	**.0001**
Stddev	.0023	.0001	.0002	.0001	.0047	.0228	.0020	.0464	.0000
%RSD	103.6	156.3	79.84	21.49	112.1	163.8	200.2	128.9	30.53
#1	-.0030	-.0001	.0001	.0004	.0050	-.0348	-.0005	.0116	.0002
#2	.0004	-.0001	.0004	.0006	.0085	.0104	-.0032	-.0386	.0001
#3	-.0040	.0000	.0001	.0006	-.0009	-.0174	.0007	-.0811	.0001

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**.6612**	**-.0001**	**.0006**	**-.0010**	**.0048**	**.0002**	**.0006**	**.0079**
Stddev	.0002	.0117	.0002	.0005	.0005	.0016	.0011	.0006	.0008
%RSD	114.6	1.777	147.6	87.24	50.43	33.41	505.3	95.39	10.42
#1	.0002	.6721	-.0003	.0007	-.0008	.0064	.0008	-.0000	.0084
#2	-.0000	.6487	-.0000	.0010	-.0016	.0046	-.0011	.0010	.0070
#3	.0003	.6628	-.0000	.0000	-.0006	.0033	.0009	.0008	.0083

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**.0001**	**.0000**	**-.0008**	**.0002**	**.0011**	**.0019**	**.0001**
Stddev	.0009	.0001	.0001	.0011	.0001	.0012	.0001	.0001
%RSD	912.2	79.07	352.3	143.7	49.82	113.4	4.356	75.00
#1	-.0008	.0001	.0000	.0005	.0002	-.0003	.0019	.0000
#2	-.0004	.0000	.0002	-.0017	.0004	.0016	.0020	.0002
#3	.0009	.0002	-.0001	-.0011	.0001	.0019	.0019	.0002

Zoom In Zoom Out

Sample Name: mp34321-mb1 3 Acquired: 8/1/2022 23:27:21 Type: Unk
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	12523.	215490.	9861.5	6131.5
Stddev	41.	1978.	24.9	20.6
%RSD	.32777	.91807	.25208	.33669
#1	12493.	215210.	9888.8	6112.1
#2	12506.	217590.	9840.2	6129.3
#3	12570.	213660.	9855.4	6153.2

Zoom In Zoom Out

Sample Name: ccv Acquired: 8/1/2022 23:32:26 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2611	39.64	2.080	2.067	2.063	1.942	2.071	39.15	1.976
Stddev	.0022	.04	.002	.003	.003	.002	.003	.05	.002
%RSD	.8241	.1035	.0750	.1446	.1224	.1129	.1467	.1201	.0949
#1	.2634	39.67	2.080	2.070	2.060	1.943	2.070	39.13	1.978
#2	.2608	39.67	2.079	2.064	2.065	1.943	2.068	39.21	1.976
#3	.2591	39.59	2.082	2.066	2.063	1.939	2.074	39.13	1.974
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.126	2.026	2.067	2.028	38.15	41.31	2.062	38.24	2.091
Stddev	.021	.001	.019	.018	.09	.06	.002	.10	.024
%RSD	1.001	.0697	.8999	.9050	.2436	.1468	.1027	.2590	1.137
#1	2.150	2.025	2.087	2.048	38.05	41.24	2.059	38.21	2.103
#2	2.120	2.024	2.065	2.025	38.24	41.35	2.063	38.35	2.106
#3	2.109	2.027	2.050	2.011	38.16	41.33	2.062	38.16	2.063
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.086	39.88	2.040	2.083	2.022	2.096	2.069	2.016	5.116
Stddev	.001	.08	.001	.003	.004	.008	.004	.006	.004
%RSD	.0515	.1983	.0447	.1276	.2249	.3620	.1837	.2862	.0685
#1	2.085	39.79	2.039	2.086	2.018	2.089	2.071	2.022	5.120
#2	2.087	39.95	2.041	2.082	2.027	2.095	2.065	2.016	5.114
#3	2.085	39.91	2.039	2.080	2.021	2.104	2.072	2.010	5.113
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 8/1/2022 23:32:26 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.109	2.040	2.141	2.025	2.054	2.056	2.007	2.166
Stddev	.002	.001	.021	.010	.021	.002	.003	.022
%RSD	.0855	.0695	1.003	.4849	1.002	.1049	.1677	1.024
#1	2.110	2.039	2.165	2.030	2.077	2.057	2.011	2.189
#2	2.109	2.042	2.137	2.031	2.049	2.054	2.006	2.166
#3	2.107	2.040	2.123	2.014	2.037	2.058	2.004	2.145
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	11929.	207000.	9994.3	5979.9
Stddev	12.	1818.	22.0	10.5
%RSD	.10384	.87806	.21978	.17477
#1	11923.	205360.	10009.	5971.9
#2	11943.	206670.	9969.1	5991.7
#3	11921.	208950.	10004.	5976.1

Zoom In Zoom Out

Sample Name: ccb Acquired: 8/1/2022 23:37:26 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0008	F .0230	.0010	F .0410	-.0003	.0001	.0013	-.0009	.0004
Stddev	.0004	.0190	.0020	.0007	.0001	.0001	.0018	.0010	.0003
%RSD	47.74	82.89	197.7	1.666	51.86	93.53	145.2	117.2	71.90
#1	-.0004	.0096	.0033	.0416	-.0004	.0000	.0033	-.0003	.0007
#2	-.0010	.0145	.0001	.0412	-.0003	.0001	.0008	-.0020	.0001
#3	-.0010	.0448	-.0004	.0403	-.0001	.0003	-.0003	-.0002	.0003
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		.0200		.0100					
Low Limit		-.0200		-.0100					

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0000	.0004	.0001	.0010	.0031	-.0175	-.0017	-.0443	.0005
Stddev	.0033	.0003	.0001	.0004	.0004	.0362	.0019	.0264	.0002
%RSD	13850.	69.15	110.6	43.78	14.43	206.6	114.6	59.63	47.21
#1	-.0038	.0006	.0002	.0007	.0036	.0184	.0005	-.0478	.0003
#2	.0026	.0001	-.0000	.0015	.0031	-.0170	-.0028	-.0689	.0004
#3	.0011	.0005	.0001	.0007	.0027	-.0539	-.0028	-.0163	.0007
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012	.2637	.0003	-.0001	-.0007	.0073	-.0011	.0016	.0063
Stddev	.0002	.0050	.0002	.0011	.0007	.0036	.0013	.0018	.0011
%RSD	17.71	1.901	58.17	1092.	97.48	50.01	123.6	107.0	17.83
#1	.0012	.2610	.0004	.0005	.0000	.0049	-.0021	.0019	.0067
#2	.0014	.2695	.0001	-.0013	-.0008	.0115	-.0016	-.0002	.0071
#3	.0010	.2607	.0003	.0005	-.0013	.0055	.0004	.0033	.0050
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In
Zoom Out

Sample Name: ccb Acquired: 8/1/2022 23:37:26 Type: QC
Method: SGS No Vlave3(v298) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**-.0000**	**.0007**	**.0013**	**.0007**	**.0017**	**-.0004**	**.0008**
Stddev	.0003	.0001	.0001	.0017	.0003	.0006	.0002	.0001
%RSD	197.0	235.7	8.759	134.4	38.22	37.94	44.79	11.98
#1	-.0001	-.0001	.0007	.0015	.0007	.0024	-.0006	.0008
#2	.0004	.0000	.0006	-.0005	.0004	.0011	-.0002	.0007
#3	.0001	.0000	.0006	.0029	.0009	.0015	-.0003	.0009
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12573.**	**220460.**	**10058.**	**6150.2**
Stddev	10.	1303.	39.	3.0
%RSD	.07632	.59110	.38650	.04933
#1	12584.	219020.	10081.	6153.1
#2	12569.	221560.	10080.	6147.1
#3	12566.	220810.	10013.	6150.4

NOTE: The remaining raw data for this batch is not relevant to this job. As such it has been omitted.

	Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
	Ag 328.068 {103}	☒	18	Mn	-0.000338	0.000000	No
				Mo	0.000016	0.000000	No
				Ti	-0.000226	0.000000	No
				Fe	-0.000106	0.000000	No
				V	-0.001090	0.000000	No
				Zn	-0.000090	0.000000	No
				Ca	-0.000002	0.000000	No
				Al	0.000000	0.000000	No
				Ba	0.000005	0.000000	No
				Cr	0.000016	0.000000	No
				Si	-0.000120	0.000000	No
				Zr	0.005600	0.000000	No
				W	0.000000	0.000000	No
				Sn	0.000000	0.000000	No
				Ni	0.000020	0.000000	No
				Ce	-0.001200	0.000000	No
				Mg	-0.000001	0.000000	No
				Co	-0.000300	0.000000	No
	Al 396.152 { 85}	☒	6	Si	0.000378	0.000000	No
				Ca	0.000191	0.000000	No
				Mo	0.049044	0.000000	No
				Zr	0.016506	0.000000	No
				Ti	-0.000017	0.000000	No
				Ce	-0.047000	0.000000	No
	As 189.042 {478}	☒	23	Al	-0.000002	0.000000	No
				Fe	-0.000016	0.000000	No
				Ca	-0.000007	0.000000	No
				Mn	-0.000124	0.000000	No
				Mo	0.000878	0.000000	No
				Cr	-0.003500	0.000000	No
				V	-0.000050	0.000000	No
				Co	-0.000100	0.000000	No
				Sn	-0.000085	0.000000	No
				Cd	0.000092	0.000000	No
				Tl	0.000150	0.000000	No
				Si	-0.000050	0.000000	No
				Zn	-0.000052	0.000000	No
				Sr	-0.000090	0.000000	No
				Zr	0.000123	0.000000	No
				Ti	-0.000016	0.000000	No
				Cu	0.000100	0.000000	No
				Ag	0.000300	0.000000	No
				Mg	-0.000003	0.000000	No
				W	0.000000	0.000000	No
				S	0.000010	0.000000	No
				B	-0.000013	0.000000	No
				Ce	-0.000600	0.000000	No
	B 208.959 {462}	☒	1	Mo	0.038910	0.000000	No
	Ba 455.403 { 74}	☒	2	Zr	0.001200	0.000000	No
				Al	0.000100	0.000000	No
	Be 313.042 {108}	☒	12	V	0.002769	0.000000	No
				Mo	-0.000067	0.000000	No
				Ti	-0.000150	0.000000	No
				Mn	-0.000015	0.000000	No
				Cu	-0.000008	0.000000	No
				Zn	-0.000010	0.000000	No
				Al	0.000000	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			Ni	-0.000050	0.000000	No
			Cr	0.000003	0.000000	No
			Fe	-0.000002	0.000000	No
			Mg	0.000000	0.000000	No
			K	0.000000	0.000000	No
Bi 223.061 {451}	☒	10	V	-0.000380	0.000000	No
			Co	-0.022210	0.000000	No
			Mg	-0.000002	0.000000	No
			W	0.000000	0.000000	No
			Cu	-0.001404	0.000000	No
			Fe	0.000130	0.000000	No
			Cr	0.001500	0.000000	No
			Ti	-0.000381	0.000000	No
			Mo	-0.000200	0.000000	No
			Ce	-0.010000	0.000000	No
Ca 317.933 {106}	☒	14	Fe	0.000130	0.000000	No
			W	0.003960	0.000000	No
			Tl	0.004948	0.000000	No
			Be	0.001840	0.000000	No
			Ba	0.003500	0.000000	No
			Cu	-0.001800	0.000000	No
			Cd	0.003700	0.000000	No
			Ni	0.001513	0.000000	No
			B	-0.000210	0.000000	No
			Se	0.002000	0.000000	No
			Co	0.000540	0.000000	No
			Cr	0.000640	0.000000	No
			Al	0.000026	0.000000	No
			As	0.002488	0.000000	No
Cd 228.802 {448}	☒	13	As	0.001160	0.000000	No
			Ni	-0.000300	0.000000	No
			Fe	-0.000019	0.000000	No
			V	0.000110	0.000000	No
			Ba	0.000021	0.000000	No
			Co	-0.001671	0.000000	No
			Mn	-0.000087	0.000000	No
			Cr	-0.000010	0.000000	No
			Cu	-0.000009	0.000000	No
			Ti	-0.000600	0.000000	No
			Mo	0.000030	0.000000	No
			W	-0.005000	0.000000	No
			Zn	-0.000020	0.000000	No
Ce 404.076 { 83}	☒	None				
Co 228.616 {448}	☒	8	Cr	0.000051	0.000000	No
			Mo	-0.001650	0.000000	No
			Ni	0.000091	0.000000	No
			Ti	0.001640	0.000000	No
			W	0.000160	0.000000	No
			Cd	0.000012	0.000000	No
			Be	0.000100	0.000000	No
			Fe	-0.000004	0.000000	No
Cr 267.716 {126}	☒	8	Mn	0.000800	0.000000	No
			Mo	-0.000199	0.000000	No
			Ba	0.000013	0.000000	No
			Cu	0.000020	0.000000	No
			Sr	0.000003	0.000000	No
			Fe	-0.000017	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			W	0.000000	0.000000	No
			Ca	0.000003	0.000000	No
Cu 324.754 {104}2	☒	16	Cr	0.000056	0.000000	No
			V	-0.000411	0.000000	No
			Mo	0.000492	0.000000	No
			Ti	-0.001250	0.000000	No
			Fe	-0.000195	0.000000	No
			Sn	0.000103	0.000000	No
			Zr	0.000098	0.000000	No
			Si	-0.000007	0.000000	No
			Ag	-0.000327	0.000000	No
			Sb	0.000010	0.000000	No
			B	0.000000	0.000000	No
			Mg	0.000001	0.000000	No
			Al	0.000006	0.000000	No
			W	0.000000	0.000000	No
			Mn	0.000004	0.000000	No
			Co	-0.001000	0.000000	No
Fe 259.940 {130}	☒	8	Cr	-0.000566	0.000000	No
			Mn	-0.000025	0.000000	No
			V	-0.000064	0.000000	No
			Cu	0.001043	0.000000	No
			Zn	0.000046	0.000000	No
			Ti	-0.000631	0.000000	No
			Ca	-0.000020	0.000000	No
			Ba	-0.009000	0.000000	No
K 766.490 { 44}	☒	10	Al	-0.000023	0.000000	No
			Ca	0.000179	0.000000	No
			Mn	0.001430	0.000000	No
			Si	-0.003000	0.000000	No
			V	-0.002000	0.000000	No
			Sn	-0.004700	0.000000	No
			Ba	-0.002700	0.000000	No
			Mo	0.007150	0.000000	No
			Cu	-0.010000	0.000000	No
			Ni	-0.010000	0.000000	No
Li 670.784 { 50}	☒	2	Ca	0.000027	0.000000	No
			W	-0.030000	0.000000	No
Mg 279.079 {121}	☒	2	Mo	-0.017699	0.000000	No
			Ti	-0.014200	0.000000	No
Mn 257.610 {131}	☒	8	Fe	-0.000038	0.000000	No
			Si	0.000011	0.000000	No
			Ba	0.000012	0.000000	No
			Ni	0.000028	0.000000	No
			Mo	0.000000	0.000000	No
			Cr	-0.000110	0.000000	No
			Mg	0.000004	0.000000	No
			Al	-0.000002	0.000000	No
Mo 202.030 {467}	☒	1	Fe	-0.000010	0.000000	No
Na 589.592 { 57}	☒	5	K	-0.000560	0.000000	No
			Ba	0.000900	0.000000	No
			Ca	0.000055	0.000000	No
			Al	0.000320	0.000000	No
			V	-0.005000	0.000000	No
Ni 231.604 {446}	☒	10	Fe	0.000018	0.000000	No
			Zn	-0.000021	0.000000	No
			Be	-0.000112	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			Co	-0.000075	0.000000	No
			Tl	0.000209	0.000000	No
			Mo	-0.000020	0.000000	No
			V	-0.000032	0.000000	No
			Cu	0.000006	0.000000	No
			Se	0.000286	0.000000	No
			Sn	-0.000026	0.000000	No
P 177.495 {490}	☒	1	Cu	-0.061800	0.000000	No
Pb 220.353 {453}	☒	22	Al	-0.000112	0.000000	No
			Fe	0.000043	0.000000	No
			Ca	-0.000001	0.000000	No
			Mn	0.000025	0.000000	No
			Zn	-0.000036	0.000000	No
			Mo	-0.002220	0.000000	No
			Cu	0.000500	0.000000	No
			V	0.000093	0.000000	No
			Co	-0.000061	0.000000	No
			Ti	-0.000991	0.000000	No
			Si	0.000125	0.000000	No
			Ba	-0.000012	0.000000	No
			Sb	-0.000190	0.000000	No
			Sr	0.000070	0.000000	No
			W	0.000000	0.000000	No
			Cd	0.000193	0.000000	No
			Cr	-0.000224	0.000000	No
			Zr	-0.000435	0.000000	No
			Ni	0.000291	0.000000	No
			S	-0.000013	0.000000	No
			B	0.000000	0.000000	No
			Mg	0.000007	0.000000	No
S 182.034 {485}	☒	9	Ca	-0.000222	0.000000	No
			Mo	-0.003096	0.000000	No
			Al	-0.000287	0.000000	No
			Fe	-0.000145	0.000000	No
			Mn	0.004790	0.000000	No
			Zn	-0.001538	0.000000	No
			Cd	-0.001300	0.000000	No
			W	0.000000	0.000000	No
			Mg	0.000038	0.000000	No
Sb 206.833 {463}	☒	15	Fe	-0.000060	0.000000	No
			Al	0.000020	0.000000	No
			Ca	0.000003	0.000000	No
			Ni	-0.001100	0.000000	No
			Cr	0.013090	0.000000	No
			V	-0.003720	0.000000	No
			Zn	-0.000084	0.000000	No
			Mo	0.001873	0.000000	No
			Ti	-0.001890	0.000000	No
			Sn	-0.007304	0.000000	No
			Mg	0.000007	0.000000	No
			Zr	-0.001091	0.000000	No
			Sr	-0.000049	0.000000	No
			W	0.000000	0.000000	No
			Ce	-0.001800	0.000000	No
Se 196.090 {472}	☒	22	Al	-0.000002	0.000000	No
			Ca	-0.000012	0.000000	No
			Mn	0.000679	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			Mo	0.000028	0.000000	No
			Fe	-0.000242	0.000000	No
			Co	-0.000081	0.000000	No
			V	-0.000079	0.000000	No
			Sr	0.000042	0.000000	No
			Si	-0.000437	0.000000	No
			Tl	-0.000520	0.000000	No
			Be	-0.000543	0.000000	No
			Zn	-0.000038	0.000000	No
			B	-0.000140	0.000000	No
			Ti	-0.000020	0.000000	No
			Cd	-0.000160	0.000000	No
			Zr	-0.000152	0.000000	No
			Ba	0.000087	0.000000	No
			Mg	-0.000006	0.000000	No
			Cr	0.000053	0.000000	No
			S	0.000008	0.000000	No
			W	0.000000	0.000000	No
			Ce	-0.004800	0.000000	No
Si 212.412 {459}	☒	13	Sr	0.000366	0.000000	No
			Ni	0.000106	0.000000	No
			Mo	0.039790	0.000000	No
			V	0.006020	0.000000	No
			Ti	0.006772	0.000000	No
			Al	0.000026	0.000000	No
			Cd	0.001043	0.000000	No
			Ba	0.000170	0.000000	No
			Sn	0.001790	0.000000	No
			Zn	0.000385	0.000000	No
			As	0.000140	0.000000	No
			Pb	0.000471	0.000000	No
			Ca	0.000011	0.000000	No
Sn 189.989 {478}	☒	5	Ti	-0.002859	0.000000	No
			Mo	0.000011	0.000000	No
			Si	-0.000009	0.000000	No
			Fe	0.000000	0.000000	No
			W	0.000000	0.000000	No
Sr 407.771 { 83}	☒	1	Ca	0.000011	0.000000	No
Ti 334.904 {101}	☒	3	Cr	0.000069	0.000000	No
			Mo	0.001092	0.000000	No
			Si	0.000035	0.000000	No
Tl 190.856 {477}	☒	25	Cr	0.000227	0.000000	No
			Mo	-0.015400	0.000000	No
			Al	0.000005	0.000000	No
			Fe	-0.000065	0.000000	No
			V	-0.012755	0.000000	No
			Mn	0.003900	0.000000	No
			Si	-0.000178	0.000000	No
			Ca	0.000002	0.000000	No
			Ti	-0.017550	0.000000	No
			Mg	-0.000003	0.000000	No
			Co	0.004200	0.000000	No
			Sr	-0.000060	0.000000	No
			B	0.000056	0.000000	No
			Ba	0.000078	0.000000	No
			Zn	0.000087	0.000000	No
			As	0.000005	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			Ni	-0.000030	0.000000	No
			Pb	0.000035	0.000000	No
			S	-0.000024	0.000000	No
			W	-0.024500	0.000000	No
			K	0.000000	0.000000	No
			Sn	-0.000054	0.000000	No
			Ag	0.000700	0.000000	No
			Cu	-0.000078	0.000000	No
			P	-0.000714	0.000000	No
V 292.402 {115}	☒	6	Ti	0.000596	0.000000	No
			Mo	-0.013600	0.000000	No
			Sr	0.000000	0.000000	No
			Cr	-0.004010	0.000000	No
			Mn	-0.002000	0.000000	No
			Fe	0.000061	0.000000	No
W 207.911 {462}	☒	18	As	-0.000459	0.000000	No
			Mn	-0.000110	0.000000	No
			Mo	-0.000300	0.000000	No
			Sr	0.000050	0.000000	No
			V	-0.000140	0.000000	No
			Cd	-0.000650	0.000000	No
			Cr	-0.000390	0.000000	No
			Zn	0.012900	0.000000	No
			Sn	0.001300	0.000000	No
			Zr	0.000763	0.000000	No
			Sb	-0.000200	0.000000	No
			Co	0.000041	0.000000	No
			Ni	-0.000263	0.000000	No
			Be	-0.000130	0.000000	No
			Se	-0.002600	0.000000	No
			Cu	-0.000118	0.000000	No
			Ba	-0.000090	0.000000	No
			Tl	-0.000110	0.000000	No
Zn 206.200 {464}	☒	13	Mo	-0.000125	0.000000	No
			Fe	0.000014	0.000000	No
			Ba	0.000108	0.000000	No
			Sr	-0.000023	0.000000	No
			Sn	0.000069	0.000000	No
			Cu	0.000156	0.000000	No
			As	0.000449	0.000000	No
			Be	0.000071	0.000000	No
			Bi	-0.002000	0.000000	No
			Mn	0.000055	0.000000	No
			W	0.000000	0.000000	No
			Al	0.000010	0.000000	No
			Cr	-0.000900	0.000000	No
Zr 339.198 { 99}	☒	6	Mo	0.000415	0.000000	No
			Fe	-0.000053	0.000000	No
			Si	0.000083	0.000000	No
			Ti	0.000049	0.000000	No
			V	0.000120	0.000000	No
			W	0.000000	0.000000	No
In 230.606 {446}*	☒	None				
Y 360.073 { 94}*	☒	None				
Y 371.030 { 91}*	☒	None				
Y 224.306 {451}*	☒	None				

Element, Wavelength and Order	Date of Fit	Date of Cal.	Type of Fit	Weighting	A0	A1	A2	n (Exponent)
Ag 328.068 {103}	8/2/2022 8:25:18	8/1/2022 11:59:26	Linear	None	-0.000623	0.136567	0.000000	1.000000
Al 396.152 { 85}	8/2/2022 8:25:18	8/1/2022 11:59:26	Linear	None	-0.002477	0.032105	0.000000	1.000000
As 189.042 {478}	8/2/2022 8:25:18	8/1/2022 11:59:26	Linear	None	-0.000456	0.113258	0.000000	1.000000
B 208.959 {462}	8/2/2022 8:25:18	8/1/2022 11:59:26	Linear	None	0.000102	0.203531	0.000000	1.000000
Ba 455.403 { 74}	8/2/2022 8:25:18	8/1/2022 11:59:26	Linear	None	0.014355	2.143016	0.000000	1.000000
Be 313.042 {108}	8/2/2022 8:25:18	8/1/2022 11:59:26	Linear	None	0.000534	1.711330	0.000000	1.000000
Bi 223.061 {451}	8/2/2022 8:25:18	8/1/2022 11:59:26	Linear	None	0.000125	0.200599	0.000000	1.000000
Ca 317.933 {106}	8/2/2022 8:25:18	8/1/2022 11:59:26	Linear	None	0.002233	0.073384	0.000000	1.000000
Cd 228.802 {448}	8/2/2022 8:25:18	8/1/2022 11:59:26	Linear	None	0.001093	1.068728	0.000000	1.000000
Ce 404.076 { 83}	8/2/2022 8:25:18	8/1/2022 11:59:26	Linear	1/Conc	-0.001214	0.021831	0.000000	1.000000
Co 228.616 {448}	8/2/2022 8:25:18	8/1/2022 11:59:26	Linear	None	-0.000609	0.650134	0.000000	1.000000
Cr 267.716 {126}	8/2/2022 8:25:18	8/1/2022 11:59:26	Linear	None	-0.000026	0.122383	0.000000	1.000000
Cu 324.754 {104}2	8/2/2022 8:25:18	8/1/2022 11:59:26	Linear	None	0.002148	0.239300	0.000000	1.000000
Fe 259.940 {130}	8/2/2022 8:25:18	8/1/2022 11:59:26	Linear	None	-0.000014	0.040030	0.000000	1.000000
K 766.490 { 44}	8/2/2022 8:25:18	8/1/2022 11:59:26	Linear	None	0.009803	0.037684	0.000000	1.000000
Li 670.784 { 50}	8/2/2022 8:25:18	8/1/2022 11:59:26	Linear	None	0.001062	0.498164	0.000000	1.000000
Mg 279.079 {121}	8/2/2022 8:25:18	8/1/2022 11:59:26	Linear	None	0.000218	0.005980	0.000000	1.000000
Mn 257.610 {131}	8/2/2022 8:25:18	8/1/2022 11:59:26	Linear	None	-0.000101	0.679320	0.000000	1.000000
Mo 202.030 {467}	8/2/2022 8:25:18	8/1/2022 11:59:26	Linear	None	-0.000710	0.786484	0.000000	1.000000
Na 589.592 { 57}	8/2/2022 8:25:18	8/1/2022 11:59:26	Linear	None	0.014130	0.119316	0.000000	1.000000
Ni 231.604 {446}	8/2/2022 8:25:18	8/1/2022 11:59:26	Linear	None	0.000256	0.470783	0.000000	1.000000
P 177.495 {490}	8/2/2022 8:25:18	8/1/2022 11:59:26	Linear	None	-0.001229	0.124605	0.000000	1.000000
Pb 220.353 {453}	8/2/2022 8:25:18	8/1/2022 11:59:26	Linear	None	0.000492	0.195542	0.000000	1.000000
S 182.034 {485}	8/2/2022 8:25:18	8/1/2022 11:59:26	Linear	None	-0.004610	0.039084	0.000000	1.000000
Sb 206.833 {463}	8/2/2022 8:25:18	8/1/2022 11:59:26	Linear	None	0.001486	0.152104	0.000000	1.000000
Se 196.090 {472}	8/2/2022 8:25:18	8/1/2022 11:59:26	Linear	None	-0.000393	0.083368	0.000000	1.000000
Si 212.412 {459}	8/2/2022 8:25:18	8/1/2022 11:59:26	Linear	None	0.002321	0.200059	0.000000	1.000000
Sn 189.989 {478}	8/2/2022 8:25:18	8/1/2022 11:59:26	Linear	None	-0.000095	0.203088	0.000000	1.000000
Sr 407.771 { 83}	8/2/2022 8:25:18	8/1/2022 11:59:26	Linear	None	-0.004875	4.300865	0.000000	1.000000
Ti 334.904 {101}	8/2/2022 8:25:18	8/1/2022 11:59:26	Linear	None	-0.000223	0.145257	0.000000	1.000000
Tl 190.856 {477}	8/2/2022 8:25:18	8/1/2022 11:59:26	Linear	None	-0.000090	0.035972	0.000000	1.000000
V 292.402 {115}	8/2/2022 8:25:18	8/1/2022 11:59:26	Linear	None	0.000007	0.105713	0.000000	1.000000
W 207.911 {462}	8/2/2022 8:25:18	8/1/2022 11:59:26	Linear	None	0.001651	0.390661	0.000000	1.000000
Zn 206.200 {464}	8/2/2022 8:25:18	8/1/2022 11:59:26	Linear	None	0.002240	1.250622	0.000000	1.000000
Zr 339.198 { 99}	8/2/2022 8:25:18	8/1/2022 11:59:26	Linear	None	-0.001146	0.340973	0.000000	1.000000
In 230.606 {446}*	8/2/2022 8:25:18	12/23/2009 10:44:16	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000
Y 360.073 { 94}*	8/2/2022 8:25:18	12/23/2009 10:44:16	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000
Y 371.030 { 91}*	8/2/2022 8:25:18	12/23/2009 10:44:16	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000
Y 224.306 {451}*	8/2/2022 8:25:18	12/23/2009 10:44:16	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000

	Element, Wavelength and Order	Correlation	Std Error of Est	Predicted MDL	Predicted MQL	Status	Reslope		QC Norm	
							Slope	Y-int	Slope factor	Offset
	Ag 328.068 {103}	1.000000	0.000000	0.000418	0.001393	OK.	1.000000	0.000000	1	0
	Al 396.152 { 85}	1.000000	0.000000	0.021264	0.070880	OK.	1.000000	0.000000	1	0
	As 189.042 {478}	1.000000	0.000000	0.001294	0.004314	OK.	1.000000	0.000000	1	0
	B 208.959 {462}	1.000000	0.000000	0.000864	0.002881	OK.	1.000000	0.000000	1	0
	Ba 455.403 { 74}	1.000000	0.000000	0.000361	0.001204	OK.	1.000000	0.000000	1	0
	Be 313.042 {108}	1.000000	0.000000	0.000150	0.000501	OK.	1.000000	0.000000	1	0
	Bi 223.061 {451}	1.000000	0.000000	0.001830	0.006099	OK.	1.000000	0.000000	1	0
	Ca 317.933 {106}	1.000000	0.000000	0.004724	0.015747	OK.	1.000000	0.000000	1	0
	Cd 228.802 {448}	1.000000	0.000000	0.000226	0.000753	OK.	1.000000	0.000000	1	0
	Ce 404.076 { 83}	1.000000	0.000000	0.004115	0.013717	OK.	1.000000	0.000000	1	0
	Co 228.616 {448}	1.000000	0.000000	0.000293	0.000976	OK.	1.000000	0.000000	1	0
	Cr 267.716 {126}	1.000000	0.000000	0.000292	0.000972	OK.	1.000000	0.000000	1	0
	Cu 324.754 {104}2	1.000000	0.000000	0.000360	0.001198	OK.	1.000000	0.000000	1	0
	Fe 259.940 {130}	1.000000	0.000000	0.004137	0.013789	OK.	1.000000	0.000000	1	0
	K 766.490 { 44}	1.000000	0.000000	0.038470	0.128232	OK.	1.000000	0.000000	1	0
	Li 670.784 { 50}	1.000000	0.000000	0.002832	0.009439	OK.	1.000000	0.000000	1	0
	Mg 279.079 {121}	1.000000	0.000000	0.034775	0.115917	OK.	1.000000	0.000000	1	0
	Mn 257.610 {131}	1.000000	0.000000	0.000048	0.000159	OK.	1.000000	0.000000	1	0
	Mo 202.030 {467}	1.000000	0.000000	0.000287	0.000955	OK.	1.000000	0.000000	1	0
	Na 589.592 { 57}	1.000000	0.000000	0.012299	0.040997	OK.	1.000000	0.000000	1	0
	Ni 231.604 {446}	1.000000	0.000000	0.000362	0.001208	OK.	1.000000	0.000000	1	0
	P 177.495 {490}	1.000000	0.000000	0.001091	0.003637	OK.	1.000000	0.000000	1	0
	Pb 220.353 {453}	1.000000	0.000000	0.001193	0.003977	OK.	1.000000	0.000000	1	0
	S 182.034 {485}	1.000000	0.000000	0.004005	0.013350	OK.	1.000000	0.000000	1	0
	Sb 206.833 {463}	1.000000	0.000000	0.001721	0.005735	OK.	1.000000	0.000000	1	0
	Se 196.090 {472}	1.000000	0.000000	0.002337	0.007789	OK.	1.000000	0.000000	1	0
	Si 212.412 {459}	1.000000	0.000000	0.001335	0.004451	OK.	1.000000	0.000000	1	0
	Sn 189.989 {478}	1.000000	0.000000	0.000714	0.002379	OK.	1.000000	0.000000	1	0
	Sr 407.771 { 83}	1.000000	0.000000	0.000141	0.000470	OK.	1.000000	0.000000	1	0
	Ti 334.904 {101}	1.000000	0.000000	0.000343	0.001142	OK.	1.000000	0.000000	1	0
	Tl 190.856 {477}	1.000000	0.000000	0.002398	0.007994	OK.	1.000000	0.000000	1	0
	V 292.402 {115}	1.000000	0.000000	0.000354	0.001180	OK.	1.000000	0.000000	1	0
	W 207.911 {462}	1.000000	0.000000	0.001142	0.003807	OK.	1.000000	0.000000	1	0
	Zn 206.200 {464}	1.000000	0.000000	0.000153	0.000511	OK.	1.000000	0.000000	1	0
	Zr 339.198 { 99}	1.000000	0.000000	0.000190	0.000633	OK.	1.000000	0.000000	1	0
	In 230.606 {446}*	0.000000	0.000000	-1.000000	-1.000000	Warnin	1.000000	0.000000	1	0
	Y 360.073 { 94}*	0.000000	0.000000	-1.000000	-1.000000	Warnin	1.000000	0.000000	1	0
	Y 371.030 { 91}*	0.000000	0.000000	-1.000000	-1.000000	Warnin	1.000000	0.000000	1	0
	Y 224.306 {451}*	0.000000	0.000000	-1.000000	-1.000000	Warnin	1.000000	0.000000	1	0

SGS

Mercury Hot Block Digestion Log

Product **HG / HGTCLP**
Matrix: Aq / Liq / DW

Methods (Circle as appropriate)
EPA 245.1 **SW846 7470A**
Required corrected Temp. Range is 90-95 C.

MA Batch #: MA52793
Analyst: LM
Date: 7/29/2022
Balance ID: N/A
Reagents: See attached sheet
Auto pipet ID: M-82

Hot Block # HG-8 Start Time: 14:45 End Time: 16:45 Tube # 1-33.
Start Temp: 92 Corrected Start Temp: 92 Correction: 0 Thermometer ID: 698872.
End Temp: 90 Corrected Start Temp: 90 Correction: 0 Thermometer ID: 698872.
Hot Block #_____ Start Time:_____ End Time:_____ Tube #_____.
Start Temp:_____ Corrected Start Temp:_____ Correction:_____ Thermometer ID:_____.
End Temp:_____ Corrected Start Temp:_____ Correction:_____ Thermometer ID:_____.

Bot #	Sample ID	pH <2 Y/N	Initial Sample Vol ml	Final Samp Vol ml	Spiked Used Amount Spiked	Spiked Used Added-Y or N	Spikelot and Conc (mg/L)	MP Number	Comments/Lot # and Vendor
1	MP34251-MB2	N*	30	30				MP34251	TCLP
2	MP34251-B2	N*	30	30	2.0ml	Y	0.03		HG-22-163-105-HGA3, IN. V.
3	MP34251-S1	N*	5	30	2.0ml	Y	0.03		JD48090-2, HG-22-163-105-HGA3, IN. V.
4	MP34251-S2	N*	5	30	2.0ml	Y	0.03		JD48090-2, HG-22-163-105-HGA3, IN. V.
5	JD48090-2	N*	5	30					DIFFICULT MATRIX; *0.5mL of HNO3 added at 14:15 for pH<2
6	MP34346-MB1	N*	30	30				MP34346	TCLP
7	MP34346-B1	N*	30	30	2.0ml	Y	0.03		HG-22-163-105-HGA3, IN. V.
8	MP34346-S1	N*	30	30	2.0ml	Y	0.03		JD48794-1A,HG-22-163-105-HGA3, IN. V
9	MP34346-S2	N*	30	30	2.0ml	Y	0.03		JD48794-1A,HG-22-163-105-HGA3, IN. V.
10	JD48794-1A	N*	30	30					*0.5mL of HNO3 added at 14:15 for pH<2
11	JD48794-4A	Y	30	30					
12	JD48794-5A	Y	30	30					
13	JD48768-1A	Y	30	30					
14	JD48789-24	Y	30	30					
15	JD48790-30	Y	30	30					
16	JD48790-50	Y	30	30					
17	JD48859-11	Y	30	30					
18	JD48859-51	Y	30	30					
19	MP34347-MB1	N*	30	30				MP34347	TCLP
20	MP34347-B1	N*	30	30	2.0ml	Y	0.03		HG-22-163-105-HGA3, IN. V.
21	MP34347-S1	N*	30	30	2.0ml	Y	0.03		DA47321-1, HG-22-163-105-HGA3, IN. V.
22	MP34347-S2	N*	30	30	2.0ml	Y	0.03		DA47321-1, HG-22-163-105-HGA3, IN. V.
23	DA47321-1	N*	30	30					*0.5mL of HNO3 added at 14:15 for pH<2
24	DA47321-2	Y	30	30					
25	DA47321-3	Y	30	30					
26	DA47321-4	Y	30	30					
27	DA47321-5	Y	30	30					
28	DA47321-6	Y	30	30					
29	DA47321-7	Y	30	30					
30	DA47321-8	Y	30	30					
31	DA47321-9	Y	30	30					
32	DA47321-10	Y	30	30					
33	JD48925-1	Y	30	30					
34									
35									

ANALYST: LM
Spike witness:_____
QC: REVIEWER:_____

DATE: 8/1/22
DATE:_____
DATE:_____

DAYT-MET-0113-01-FORM-HGWATERPREP
Revision Date: 8/28/18

7.3.1

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SGS

Mercury Hot Block Digestion Log

Product **HG / EHG / HGTCLP**
Matrix: Aq / Liq / DW

MA Batch #: MA52793
Analyst: LM
Date: 7/29/2022
Balance ID: B-24
Reagents: See attached sheet
Auto pipet ID M-82

Methods (Circle as appropriate)
EPA 245.1 **SW846 7470A**

Required corrected Temp. Range is 90-95 C.
Hot Block # HG-8 Start Time: 14:45 End Time: 16:45 Tube # S1-CRI.

Start Temp: 92 Corrected Start Temp: 92 Correction: 0 Thermometer ID: 698872 .
End Temp: 90 Corrected Start Temp: 90 Correction: 0 Thermometer ID: 698872 .

Bot #	Sample ID	pH <2 Y/N	Initial Sample Vol ml	Final Samp Vol ml	Spiked Used		Spikelot and Conc (mg/L)	MP Number	Comments/Lot # and Vendor
					Amount Spiked	Added-Y or N			
S-1	Calibration Blank	N	30 ml	30 ml	0.0 ml	N			
S-2	0.2 ug/l Standard	N	30 ml	30 ml	2.0 ml	Y	0.003		HG-22-163-106-HGA4, IN. V.
S-3	0.5 ug/l Standard	N	30 ml	30 ml	5.0 ml	Y	0.003		HG-22-163-106-HGA4, IN. V.
S-4	1.0 ug/l Standard	N	30 ml	30 ml	1.0 ml	Y	0.030		HG-22-163-105-HGA3, IN. V.
S-5	2.5 ug/l Standard	N	30 ml	30 ml	2.5 ml	Y	0.030		HG-22-163-105-HGA3, IN. V.
S-6	5.0 ug/l Standard	N	30 ml	30 ml	5.0 ml	Y	0.030		HG-22-163-105-HGA3, IN. V.
ICV	ICV_MA52793 (Externa	N	30 ml	30 ml	3.0 ml	Y	0.03		HG-22-163-107-HGB3, AGILENT
ICB	ICB	N	30 ml	30 ml	0.0 ml	N			
CCV	CCV_MA52793	N	30 ml	30 ml	2.5 ml	Y	0.03		HG-22-163-105-HGA3, IN. V.
CCB	CCB	N	30 ml	30 ml	0.0 ml	N			
CRI	CRI	N	30 ml	30 ml	2.0 ml	Y	0.003		HG-22-163-106-HGA4, IN. V.

Form HG022-03
Revision Date: 8/24/15

ANALYST: LM
QC: REVIEWER:

DATE: 8/1/22
DATE:

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SGS

Reagent Information Log- Hg Waters

MA # 52793

Reagents	Exp. Date	Reagent # or
Conc. Sulfuric Acid	6/29/2024	Fisher 220502
Conc. Nitric Acid	7/27/2024	Supelco 62082
Sodium Chloride-Hydroxylamine Hydrochloride	1/26/2023	HG-22-163 92 -HGHCL
Potassium Permanganate 5%	1/26/2023	HG-22-163 90 -HGKM1
Potassium Persulfate	1/26/2023	HG-22-163 91 -HGKS
Stannous Chloride	8/2/2022	HG-22-163 108 -HGS
STD Hg standard solution 1000 ppm	2/14/2023	Inorganic Ventures R2-HG696409
STD Hg standard solution 30 ppb	7/30/2022	HG-22-163- 101 -HGA3
STD Hg standard solution 3ppb	7/30/2022	HG-22-163- 102 -HGA4
ICV Hg standard solution 1000 ppm	4/30/2026	Agilent CT-1449
ICV Hg standard solution 30ppb	7/30/2022	HG-22-163- 103 -HGB3
Dilution Acid	12/20/2022	HG-21-416- 408 HGD2
Digestion Tubes Lot	N/A	Environmental Express 2204135
pH Paper	8/1/2022	Hydrion: 221419

Form:GN087A79-03
Rev. Date: 6/6/17

SGS

Mercury Hot Block Digestion Log

Product **HG / HGTCLP**
Matrix: Aq / Liq / DW

Methods (Circle as appropriate)
EPA 245.1 **SW846 7470A**
Required corrected Temp. Range is 90-95 C.

MA Batch #: MA52793
Analyst: LM
Date: 8/1/2022
Balance ID: N/A
Reagents: See attached sheet
Auto pipet ID: M-82

Hot Block # HG-7 Start Time: 12:00 End Time: 14:00 Tube # 1-28.
Start Temp: 94 Corrected Start Temp: 93 Correction: -1 Thermometer ID: 3124942.
End Temp: 95 Corrected Start Temp: 94 Correction: -1 Thermometer ID: 3124942.
Hot Block #_____ Start Time:_____ End Time:_____ Tube #_____.
Start Temp:_____ Corrected Start Temp:_____ Correction:_____ Thermometer ID:_____.
End Temp:_____ Corrected Start Temp:_____ Correction:_____ Thermometer ID:_____.

Bot #	Sample ID	pH <2 Y/N	Initial Sample Vol ml	Final Samp Vol ml	Spiked Used Amount Spiked	Spiked Used Added- Y or N	Spikelot and Conc (mg/L)	MP Number	Comments/Lot # and Vendor
1	MP34348-MB1	N*	30	30				MP34348	TCLP
2	MP34348-B1	N*	30	30	2.0ml	Y	0.03		HG-22-163-105-HGA3, IN. V.
3	MP34348-S1	N*	30	30	2.0ml	Y	0.03		DA47320-1, HG-22-163-105-HGA3, IN. V.
4	MP34348-S2	N*	30	30	2.0ml	Y	0.03		DA47320-1, HG-22-163-105-HGA3, IN. V.
5	DA47320-1	N*	30	30					*0.5mL of HNO3 added at 11:30 for pH<2
6	MP34349-MB1	N	30	30				MP34349	
7	MP34349-B1	N	30	30	2.0ml	Y	0.03		HG-22-163-105-HGA3, IN. V.
8	MP34349-S1	Y	30	30	2.0ml	Y	0.03		JD48726-3, HG-22-163-105-HGA3, IN. V.
9	MP34349-S2	Y	30	30	2.0ml	Y	0.03		JD48726-3, HG-22-163-105-HGA3, IN. V.
10	MP34349-S3	Y	30	30	2.0ml	Y	0.03		JD48726-3F, HG-22-163-105-HGA3, IN. V
11	MP34349-S4	Y	30	30	2.0ml	Y	0.03		JD48726-3F, HG-22-163-105-HGA3, IN. V
12	JD48726-3	Y	30	30					
13	JD48726-3F	Y	30	30					
14	JD48726-1	Y	30	30					
15	JD48726-2	Y	30	30					
16	JD48726-4	Y	30	30					
17	JD48726-5	Y	30	30					
18	JD48726-6	Y	30	30					
19	JD48726-1F	Y	30	30					
20	JD48726-2F	Y	30	30					
21	JD48726-4F	Y	30	30					
22	JD48726-5F	Y	30	30					
23	JD48789-20	Y	30	30					
24	JD48790-1	Y	30	30					
25	JD48914-10	Y	30	30					
26	JD48579-2	Y	30	30					
27	JD48579-4	Y	30	30					
28	JD48805-2F	Y	30	30					
29									
30									
31									
32									
33									
34									
35									

ANALYST: LM
Spike witness:_____
QC: REVIEWER:_____

DATE: 8/1/22
DATE:_____
DATE:_____

DAYT-MET-0113-01-FORM-HGWATERPREP
Revision Date: 8/28/18

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SGS

Reagent Information Log- Hg Waters

MA # 52793

Reagents	Exp. Date	Reagent # or
Conc. Sulfuric Acid	8/1/2024	Fisher 220502
Conc. Nitric Acid	7/27/2024	Supelco 62082
Sodium Chloride-Hydroxylamine Hydrochloride	1/26/2023	HG-22-163 92 -HGHCL
Potassium Permanganate 5%	1/26/2023	HG-22-163 90 -HGKM1
Potassium Persulfate	1/26/2023	HG-22-163 91 -HGKS
Stannous Chloride	8/2/2022	HG-22-163 108 -HGS
STD Hg standard solution 1000 ppm	2/14/2023	Inorganic Ventures R2-HG696409
STD Hg standard solution 30 ppb	8/2/2022	HG-22-163- 105 -HGA3
STD Hg standard solution 3ppb	8/2/2022	HG-22-163- 106 -HGA4
ICV Hg standard solution 1000 ppm	4/30/2026	Agilent CT-1449
ICV Hg standard solution 30ppb	8/2/2022	HG-22-163- 107 -HGB3
Dilution Acid	12/20/2022	HG-21-416- 408 HGD2
Digestion Tubes Lot	N/A	Environmental Express 2204135
pH Paper	8/1/2022	Hydrion: 221419

Form:GN087A79-03
Rev. Date: 6/6/17

SGS North America Inc.

Aqueous Metals Digestion Form

Batch Information

Batch ID	Start Date	Start Time	End Date	End time	QC Samp 1	QC Samp 2
MP34320	7/29/2022	11:20	7/29/2022	16:30	DA47321-1	

Temperature

		Block ID1	Therm. ID#	Temperature	Correction	Corrected Temp
1	Start	MP-10	771240	95	0	95
1	End	MP-10	771240	95	0	95
2	Start					
2	End					

Methods and Equipment

	Dig. Method	Heating Method		Auto Pipette #	Digestion Tube Lot #	
	SW846 3010A	Digestion Block		M-81	2204135	

Sample ID	Bottle Number	pH<2 (Y/N)_	Initial Sample Volume	Final Volume in ML	Reagent Groups Added	Spike Groups Added	Comments
MP34320-MB1	N/A	N	50	50	AB		
MP34320-B1	N/A	N	50	50	AB	ABCD	
MP34320-S1	1.3	N	50	50	AB	ABCD	*
MP34320-S2	1.3	N	50	50	AB	ABCD	*
MP34320-SD1	1.3	N	50	50	AB		*
DA47321-1	1.3	N	50	50	AB		*
DA47321-10	1.2	Y	50	50	AB		
DA47321-2	1.4	Y	50	50	AB		
DA47321-3	1.3	Y	50	50	AB		
DA47321-4	1.4	Y	50	50	AB		
DA47321-5	1.4	Y	50	50	AB		
DA47321-6	1.2	Y	50	50	AB		
DA47321-7	1.2	Y	50	50	AB		
DA47321-8	1.2	Y	50	50	AB		
DA47321-9	1.2	Y	50	50	AB		
JD48925-1	1.1	Y	50	50	AB		
MP34320-LB1	N/A	N	50	50	AB		*
MP34320-LS1	N/A	N	50	50	AB	ABCD	*

Reagents Groups

Group	Description	MLs Used
A	CONC. HNO3	3
B	1:1 HCL	5
C		
D		
E		
F		
G		
H		

Spike Groups

Group	Description	MLs Used
A	ACCUTEST 13A REV1	0.5
B	ACCUTEST 14A REV1	0.5
C	MINERALS 5000 PPM	0.25
D	AG 20 PPM	0.625
E		
F		
G		
H		
I		

Comments: *0.5 ML OF CONC. HNO3 WAS ADDED TO MAKE PH<2 AT 11:15

Analyst SARAHF **Approved by** PATM **Approved on** 7/29/2022

Note: Reagent traceability for batch Start Date can be seen on the reagent traceability page for this batch.
Serial Dilution samples shown for QC purposes only.
Acceptable Temperature range is 90-95 degrees C unless otherwise noted

SGS

Metals Digestion Reagents Information Log

Digestion Batch ID: MP34320 Date: 7/29/22

Matrix: ALL

Standard/Reagent Type	Exp. Date	Standard/Reagent ID
Spiking Solution- (ACCUTEST 13A REV1)	10/22/2022	MP-21-58-46
Spiking Solution- (ACCUTEST 14A REV1)	10/22/2022	MP-21-58-45
Spiking Solution - 5000 mg/l Minerals	4/21/2023	T2-MEB716124 MFG: INO.VENT.
Spiking Solution - Sulfur 1000ppm	5/17/2024	LOT: 051721 MFG: ABSOLUTE STD.
Spiking Solution - Si 1000ppm	11/29/2022	S2-S1700841 MFG: INO.VENT.
Spiking Solution - Bi 1000ppm	12/10/2022	22125008 MFG: INO.VENT.
Spiking Solution - Se 20ppm	8/31/2022	MP-21-58-48
Spiking Solution - Li 1000ppm	11/2/2022	S2-L1701641 MFG: INO.VENT.
Spiking Solution- Ag 20 ppm	12/21/2022	MP-21-58-56
Spiking Solution - (ACCUTEST 13B REV1)	10/15/2022	MP-21-58-42
Spiking Solution - (ACCUTEST 14B REV1)	10/15/2022	MP-21-58-43
Spiking Solution - 1000ppm Minerals	8/17/2022	MP-21-58-31
Spiking Solution- P		
Nitric Acid	7/16/2024	LOT:MKCQ4070 MFG: SIGMA ALDRICH
Nitric Acid (1:1)	1/28/2023	MP-21-60-93 1:1 HNO3
Hydrochloric Acid	7/19/2024	LOT:22C1662007 MFG: BAKER
Hydrochloric Acid (1:1)	1/28/2023	MP-21-60-94 1:1 HCL
Hydrogen Peroxide	7/19/2024	LOT: 218420 MFG: FISHER
Soil Lab Control/Soil LC	7/6/2024	LOT: D110-540 MFG: ERA
Teflon Chips(For Soil MB and Blank Spike)	N/A	LOT: 27407287 MFG: SAINT-GOBAIN
Digestion Tubes	N/A	LOT: 2204135 MFG: ENV. EXPRESS
pH Paper	2/15/2024	LOT: 205521 MFG: HYDRION
Filter paper Q8	N/A	LOT: 17470298 MFG: FISHER

Spike witnessed By: SF

metals digestion reagents information log 2022
1/17/18

Misc. Raw Data

Raw Data

SGS

TOXICITY CHARACTERISTIC LEACHING PROCEDURE FOR METALS & EXTRACTABLES, METHOD SW846 1311 (TCLPE)

NOTE: Only one lot of fluid 1 or fluid 2 may be used per sheet. Lots shown on page 2. **TC Batch ID: TCO769**

TCLPE

Samples		Container			Leaching Dates		Leaching Times				Extracted Masses			Preliminary Evaluation*					Extraction Fluid					
Sample ID	PS?* (Y/N)	No.	Type	Rot.	Started	Stopped	Start	Earliest Stop	Latest Stop	Actual Stop	Grams Total	%SOL	Grams Solid	Buffer TV	Step1 pH	Step 1 spin	Buffer TV	Step2 pH	Fluid #	pH	Pass?	Vol. (mL)	Buffer TV	Final pH
PH Buffer														4.00	4.02		4.00	4.02	#1 pH = 4.93 ± 0.05 #2 pH = 2.88 ± 0.05				4.00	4.00
PH Buffer														7.00	7.02		7.00	7.02					7.00	7.01
PH Buffer														10.00	9.98		10.00	9.98					10.00	9.99
LB (fluid #1)	N	36	M/E	9	27-Jul-22	28-Jul-22	17:05	9:05	13:05	10:30	NA	NA	NA	NA	NA	NA	NA	NA	1	4.89	YES	2000	NA	4.78
LB (fluid #2)	N	NA	M/E	9	27-Jul-22	28-Jul-22	17:05	9:05	13:05	10:30	NA	NA	NA	NA	NA	NA	NA	NA	2	2.88	YES	2000	NA	NA
DA47321-1	N	1	M/E	9	27-Jul-22	28-Jul-22	17:05	9:05	13:05	10:30	100.42	100	100.42	NA	9.18	5 mins	NA	1.57	1	4.89	YES	2008.4	NA	4.93
DA47321-2	N	3	M/E	9	27-Jul-22	28-Jul-22	17:05	9:05	13:05	10:30	100.35	100	100.35	NA	9.73	5 mins	NA	1.62	1	4.89	YES	2007	NA	5.29
DA47321-3	N	6	M/E	9	27-Jul-22	28-Jul-22	17:05	9:05	13:05	10:30	100.19	100	100.19	NA	9.91	5 mins	NA	1.58	1	4.89	YES	2003.8	NA	5.86
DA47321-4	N	7	M/E	9	27-Jul-22	28-Jul-22	17:05	9:05	13:05	10:30	100.34	100	100.34	NA	9.88	5 mins	NA	1.57	1	4.89	YES	2006.8	NA	8.37
DA47321-5	N	8	M/E	9	27-Jul-22	28-Jul-22	17:05	9:05	13:05	10:30	100.66	100	100.66	NA	10.59	5 mins	NA	1.60	1	4.89	YES	2013.2	NA	8.62
DA47321-6	N	18	M/E	9	27-Jul-22	28-Jul-22	17:05	9:05	13:05	10:30	100.59	100	100.59	NA	10.46	5 mins	NA	1.58	1	4.89	YES	2011.8	NA	9.40
DA47321-7	N	25	M/E	9	27-Jul-22	28-Jul-22	17:05	9:05	13:05	10:30	100.12	100	100.12	NA	10.73	5 mins	NA	1.67	1	4.89	YES	2002.4	NA	5.16
DA47321-8	N	29	M/E	9	27-Jul-22	28-Jul-22	17:05	9:05	13:05	10:30	100.37	100	100.37	NA	6.79	5 mins	NA	1.56	1	4.89	YES	2007.4	NA	10.09
DA47321-9	N	31	M/E	9	27-Jul-22	28-Jul-22	17:05	9:05	13:05	10:30	100.19	100	100.19	NA	11.11	5 mins	NA	1.93	1	4.89	YES	2003.8	NA	9.69
DA47321-10	N	33	M/E	9	27-Jul-22	28-Jul-22	17:05	9:05	13:05	10:30	100.41	100	100.41	NA	10.75	5 mins	NA	1.87	1	4.89	YES	2008.2	NA	9.45
PH Buffer														4.00	4.05		2.00	2.05					4.00	4.00
PH Buffer														10.00	9.99		4.00	4.05					10.00	10.00
JD48925-1	N	34	M/E	9	27-Jul-22	28-Jul-22	17:05	9:05	13:05	10:30	100.38	100	100.38	NA	6.11	5 mins	NA	1.58	1	4.89	YES	2007.6	NA	4.87
												100	0.00	NA		5 mins	NA		1	4.89	YES		NA	
												100	0.00	NA		5 mins	NA		1	4.89	YES		NA	
												100	0.00	NA		5 mins	NA		1	4.89	YES		NA	
												100	0.00	NA		5 mins	NA		1	4.89	YES		NA	
												100	0.00	NA		5 mins	NA		1	4.89	YES		NA	
												100	0.00	NA		5 mins	NA		1	4.89	YES		NA	
												100	0.00	NA		5 mins	NA		1	4.89	YES		NA	
												100	0.00	NA		5 mins	NA		1	4.89	YES		NA	
												100	0.00	NA		5 mins	NA		1	4.89	YES		NA	
												100	0.00	NA		5 mins	NA		1	4.89	YES		NA	
PH Buffer														4.00	4.05		2.00	2.05					4.00	4.00
PH Buffer														10.00	9.99		4.00	4.05					7.00	7.01

Comments and additional information continued on the next page. (*PS=particle sizing)

Data Reviewer / Date: _____ Set-up analyst: NF Take-down analyst: NF

Form: AGN-TCLPE-07b
Revised: 18-Jun-17
Validated: AD, 18-Jun-17

SGS ACCUTEST

TOXICITY CHARACTERISTIC LEACHING PROCEDURE FOR METALS & EXTRACTABLES, METHOD SW846 1311 (TCLPE)

TC Batch ID: TCO769

Balance ID: B54

pH meter ID: PH 67

Temperature ranges during leaching. (Must be from 20.5-25.4 °C, and recorded for each leaching period).

	Uncorrected Temperatures			Corrected Temperatures		
Probe ID	Minimum	Maximum	CF	Minimum	Maximum	For rotator(s)
56418			0	0.00	0.00	7 & 8
50266	18.71	19.30	0	18.71	19.30	9 & 10
56717			0	0.00	0.00	4
45776			0	0.00	0.00	5
49504			0	0.00	0.00	11 & 12

Rotator revolution rates. (Must be from 28-32 rpm, and check weekly for all rotators).

Rotator ID:	Rate:	Last measured:
4	32	15-Jul-22
5	29	15-Jul-22
7	28	15-Jul-22
8	NA	22-Apr-21
9	32	15-Jul-22
10	32	15-Jul-22
11	NA	7-Sep-21
12	28	15-Jul-22

***Preliminary Evaluation Temperature (49.5-50.4 °C, heat for 10 min)**

Thermometer ID: 5624720

Expiration: 13-Jul-23

Recorded temperature: 50

Heating time: Start:

End:

Reagent Information	Reagent ID or Manufacturer Lot	Expiration Date
Reagent		
Extraction fluid 1	GNE7-70894-TCLP	3-Aug-2022
Extraction fluid 2	GNE7-70895-TCLP	3-Aug-2022
TCLP filters	Env. Exp. Lot 115066-2038-AG	N/A
Filter acid-rinse solution	GNE7-70898-TCLP	20-Jan-2023
pH 2 buffer	FISHER 210051	1-Mar-2023
pH 4 buffer	FISHER 215966	1-Nov-2023
pH 7 buffer	FISHER 215965	1-Sep-2023
pH 10 buffer	FISHER 210276	1-Feb-2023
pH 12 buffer	N/A	N/A
pH 13 buffer	RICCA 2107D21	1-Jan-2023
Nitric acid, concentrated	REAGENTS 8203522	31-Jan-2024
Nitric acid, 1N		
1N HCl	GNE6-70547-TCLP	12/2/2022

SGS

TOXICITY CHARACTERISTIC LEACHING PROCEDURE FOR METALS & EXTRACTABLES, METHOD SW846 1311 (TCLPE)

NOTE: Only one lot of fluid 1 or fluid 2 may be used per sheet. Lots shown on page 2. **TC Batch ID: TCO769**

TCLPE

Samples		Container			Leaching Dates		Leaching Times				Extracted Masses			Preliminary Evaluation					Extraction Fluid					
Sample ID	PS?* (Y/N)	No.	Type	Rot.	Started	Stopped	Start	Earliest Stop	Latest Stop	Actual Stop	Grams Total	%SOL	Grams Solid	Buffer TV	Step1 pH	Step 1 spin	Buffer TV	Step2 pH	Fluid #	pH	Pass?	Vol. (mL)	Buffer TV	Final pH
PH Buffer														4.00	NA		4.00	NA	#1 pH = 4.93 ± 0.05 #2 pH = 2.88 ± 0.05				4.00	4.00
PH Buffer														7.00	NA		7.00	NA					7.00	7.02
PH Buffer														10.00	NA		10.00	NA					10.00	10.00
LB (fluid #1)					27-Jul-22	27-Jul-22	FILTER			ONLY	NA	NA	NA	NA	NA	NA	NA	NA	1	DI	NO	2000	NA	5.90
LB (fluid #2)					27-Jul-22	27-Jul-22					NA	NA	NA	NA	NA	NA	NA	NA	2	NA	NO	2000	NA	NA
DA47320-1					27-Jul-22	27-Jul-22	FILTER			ONLY	NA	100	#####	NA	NA	5 mins	NA	NA	2	NA	NO		NA	7.62
											NA	100	#####	NA	NA	5 mins	NA	NA	2	NA	NO		NA	
												100	0.0	NA		5 mins	NA		1	DI	NO		NA	
												100	0.0	NA		5 mins	NA		1	DI	NO		NA	
												100	0.0	NA		5 mins	NA		1	DI	NO		NA	
												100	0.0	NA		5 mins	NA		1	DI	NO		NA	
												100	0.0	NA		5 mins	NA		1	DI	NO		NA	
												100	0.0	NA		5 mins	NA		1	DI	NO		NA	
												100	0.0	NA		5 mins	NA		1	DI	NO		NA	
												100	0.0	NA		5 mins	NA		1	DI	NO		NA	
												100	0.0	NA		5 mins	NA		1	DI	NO		NA	
PH Buffer														4.00	NA		4.00	NA					4.00	4.01
PH Buffer														4.00	NA		4.00	NA					7.00	7.02
												100	0.0	NA		5 mins	NA		1	DI	NO		NA	
												100	0.0	NA		5 mins	NA		1	DI	NO		NA	
												100	0.0	NA		5 mins	NA		1	DI	NO		NA	
												100	0.0	NA		5 mins	NA		1	DI	NO		NA	
												100	0.0	NA		5 mins	NA		1	DI	NO		NA	
												100	0.0	NA		5 mins	NA		1	DI	NO		NA	
												100	0.0	NA		5 mins	NA		1	DI	NO		NA	
												100	0.0	NA		5 mins	NA		1	DI	NO		NA	
												100	0.0	NA		5 mins	NA		1	DI	NO		NA	
												100	0.0	NA		5 mins	NA		1	DI	NO		NA	
												100	0.0	NA		5 mins	NA		1	DI	NO		NA	
PH Buffer														4.00	NA		4.00	NA					4.00	4.01
PH Buffer														4.00	NA		4.00	NA					10.00	10.00

Comments and additional information continued on the next page. (*PS=particle sizing)

Data Reviewer/Date: _____ Set-up analyst: NF Take-down analyst: NF

Form: AGN-TCLPE-04
Revised: 18-JUN-2017
Validated: Anthony Dapaah
Date: 18-JUN-2017

ALS Environmental
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December 07, 2022

Analytical Report for Service Request No: K2213590

Brian Croft
Tetra Tech, Inc.
1420 5th Ave.
Seattle, WA 98101

RE: Garner Street Soils / 103X903520F0071211205

Dear Brian,

Enclosed are the results of the sample(s) submitted to our laboratory November 16, 2022
For your reference, these analyses have been assigned our service request number **K2213590.**

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. All results are intended to be considered in their entirety, and ALS Group USA Corp. dba ALS Environmental (ALS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please contact me if you have any questions. My extension is 3260. You may also contact me via email at Luke.Rahn@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Luke Rahn
Project Manager

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Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LOD	Limit of Detection
LOQ	Limit of Quantitation
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Inorganic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
E	The result is an estimate amount because the value exceeded the instrument calibration range.
J	The result is an estimated value.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.
H	The holding time for this test is immediately following sample collection. The samples were analyzed as soon as possible after receipt by the laboratory.

Metals Data Qualifiers

#	The control limit criteria is not applicable.
J	The result is an estimated value.
E	The percent difference for the serial dilution was greater than 10%, indicating a possible matrix interference in the sample.
M	The duplicate injection precision was not met.
N	The Matrix Spike sample recovery is not within control limits. See case narrative.
S	The reported value was determined by the Method of Standard Additions (MSA).
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
W	The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
+	The correlation coefficient for the MSA is less than 0.995.
Q	See case narrative. One or more quality control criteria was outside the limits.

Organic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
A	A tentatively identified compound, a suspected aldol-condensation product.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
C	The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
D	The reported result is from a dilution.
E	The result is an estimated value.
J	The result is an estimated value.
N	The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
P	The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a chromatographic interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.

Additional Petroleum Hydrocarbon Specific Qualifiers

F	The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
L	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
H	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
O	The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
Y	The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
Z	The chromatographic fingerprint does not resemble a petroleum product.

ALS Group USA Corp. dba ALS Environmental (ALS) - Kelso
State Certifications, Accreditations, and Licenses

Agency	Web Site	Number
Alaska DEH	http://dec.alaska.gov/eh/lab/cs/csapproval.htm	UST-040
Arizona DHS	http://www.azdhs.gov/lab/license/env.htm	AZ0339
Arkansas - DEQ	http://www.adeq.state.ar.us/techsvs/labcert.htm	88-0637
California DHS (ELAP)	http://www.cdph.ca.gov/certlic/labs/Pages/ELAP.aspx	2795
DOD ELAP	http://www.denix.osd.mil/edqw/Accreditation/AccreditedLabs.cfm	L16-58-R4
Florida DOH	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E87412
Hawaii DOH	http://health.hawaii.gov/	-
ISO 17025	http://www.pjlabs.com/	L16-57
Louisiana DEQ	http://www.deq.louisiana.gov/page/la-lab-accreditation	03016
Maine DHS	http://www.maine.gov/dhhs/	WA01276
Minnesota DOH	http://www.health.state.mn.us/accreditation	053-999-457
Nevada DEP	http://ndep.nv.gov/bsdw/labservice.htm	WA01276
New Jersey DEP	http://www.nj.gov/dep/enforcement/oqa.html	WA005
New York - DOH	https://www.wadsworth.org/regulatory/elap	12060
North Carolina DEQ	https://deq.nc.gov/about/divisions/water-resources/water-resources-data/water-sciences-home-page/laboratory-certification-branch/non-field-lab-certification	605
Oklahoma DEQ	http://www.deq.state.ok.us/CSDnew/labcert.htm	9801
Oregon – DEQ (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	WA100010
South Carolina DHEC	http://www.scdhec.gov/environment/EnvironmentalLabCertification/	61002
Texas CEQ	http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html	T104704427
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C544
Wyoming (EPA Region 8)	https://www.epa.gov/region8-waterops/epa-region-8-certified-drinking-water-	-
Kelso Laboratory Website	www.alsglobal.com	NA

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. A complete listing of specific NELAP-certified analytes, can be found in the certification section at www.ALSGlobal.com or at the accreditation bodies web site.
Please refer to the certification and/or accreditation body's web site if samples are submitted for compliance purposes. The states highlighted above, require the analysis be listed on the state certification if used for compliance purposes and if the method/anlayte is offered by that state.

Case Narrative

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

Client: Tetra Tech, Inc.
Project: Garner Street Soils
Sample Matrix: Soil

Service Request: K2213590
Date Received: 11/16/2022

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

Sample Receipt:

Fifteen soil samples were received for analysis at ALS Environmental on 11/16/2022. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Metals:

No significant anomalies were noted with this analysis.

Approved by _____ Date 12/07/2022

Chain of Custody

ALS Environmental—Kelso Laboratory
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Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

ALS Environmental
1317 South 13th Ave
Kelso, WA 98626
(Tel) 360.577.7222
(Fax) 360.636.1068

Chain of Custody Form

h22135 90

ALS Project Manager:	Luke Rahn	ALS Work Order #:	

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Garner Street Soils	A	EPA Method 1340/SW846 6020 - Bioaccessibility for Arsenic
Work Order		Project Number	103X903520F0071211205	B	
Company Name	Tetra Tech R8 START	Bill To Company	Tetra Tech	C	
Send Report To	Brian Croft	Invoice Attn.	Rindy Mortensen (rindy.mortensen@tetratech.com)	D	
Address	1560 Broadway Suite 1400	Address	1560 Broadway Suite 1400	E	
				F	
City/State/Zip	Denver CO 80202	City/State/Zip	Denver CO 80202	G	
Phone	206.300.0301	Phone		H	
Email	brian.croft@tetratech.com	Email	rindy.mortensen@tetratech.com	I	
Additional Contact	Maura McAleese via r8start.labreports@tetratechinc.onmicrosoft			J	

No.	Sample Description	Date	Time	Matrix	Pres. Key Numbers	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	GS-04A-00-01	5/17/2022	2:27 PM	Soil		1	X										
2	GS-04B-00-01	5/18/2022	9:48 AM	Soil		1	X										
3	GS-05B-00-01	5/18/2022	9:31 AM	Soil		1	X										
4	GS-08E-00-01	5/19/2022	9:42 AM	Soil		1	X										
5	GS-09B-00-01	5/18/2022	8:14 AM	Soil		1	X										
6	GS-10B-00-01	5/17/2022	4:36 PM	Soil		1	X										
7	GS-11D-00-01	5/18/2022	2:44 PM	Soil		1	X										
8	GS-16B1-00-01	5/18/2022	10:36 AM	Soil		1	X										
9	GS-28D-00-01	5/18/2022	4:40 PM	Soil		1	X										
10	GS-29A5-00-01	5/16/2022	11:13 AM	Soil		1	X										

Sampler(s): Please Print & Sign Brian Croft

Shipment Method: FedEx

Required Turnaround Time: (Check Box) ☑ 10 Wk Days ☐ 5 Wk Days ☐ 3 Wk Days ☐ 2 Wk Days ☐ 24 Hour ☐ Other _____

Results Due Date:

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Notes:
Brian Croft	11/14/22	1600	Josh McPherson	11/16/22	1030	R8 SCRIBE EDD. Please send invoice to Brian, Rindy, and Maura
Relinquished by:	Date:	Time:	Received by (Laboratory): ALS Kelso	Date:	Time:	
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):			

ALS Cooler ID	Cooler Temp	QC Package: (Check Box Below)	
		☑ Level II: Standard QC	☐ Level III: Raw Data
		☐ TRRP LRC	☐ TRRP Level IV
		☑ Level IV: SW846 Methods/CLP like	
		☐ Other:	

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C

Note: Any changes must be made in writing once samples and COC Form have been submitted to ALS.

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ALS Environmental
1317 South 13th Ave
Kelso, WA 98626
(Tel) 360.577.7222
(Fax) 360.636.1068

Chain of Custody Form

K2213590

ALS Project Manager:	Luke Rahn	ALS Work Order #:	

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Garner Street Soils	A	EPA Method 1340/SW846 6020 - Bioaccessibility for Arsenic
Work Order		Project Number	103X903520F0071211205	B	
Company Name	Tetra Tech R8 START	Bill To Company	Tetra Tech	C	
Send Report To	Brian Croft	Invoice Attn.	Rindy Mortensen	D	
Address	1560 Broadway Suite 1400	Address	1560 Broadway Suite 1400	E	
				F	
City/State/Zip	Denver CO 80202	City/State/Zip	Denver CO 80202	G	
PM Phone	206.300.0301	Phone		H	
PM Email	brian.croft@tetratech.com	Email	rindy.mortensen@tetratech.com	I	
Additional Contact	Maura McAleese via r8start.labreports@tetratechinc.onmicrosoft			J	

No.	Sample Description	Date	Time	Matrix	Pres. Key Numbers	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	GS-33A-00-01	5/16/2022	12:46 PM	Soil	None	1	X										
2	GS-38A-00-01	5/16/2022	3:01 PM	Soil	None	1	X										
3	GS-40A1-00-01	5/16/2022	4:50 PM	Soil	None	1	X										
4	GS-44A-00-01	5/17/2022	8:33 AM	Soil	None	1	X										
5	GS-HOUSE-00-01	5/17/2022	10:39 AM	Soil	None	1	X										
6																	
7	*SAMPLES ALREADY DRIED AND SIEVED*																
8																	
9																	
10																	

Sampler(s): Please Print & Sign
Brian S. Croft

Shipment Method:

Required Turnaround Time: (Check Box)
☑ 10 Wk Days ☐ 5 Wk Days ☐ 3 Wk Days ☐ 2 Wk Days ☐ 24 Hour ☐ Other _____

Results Due Date:

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
	11/14/22	1600	Jason McPherson	11/16/22	1030
Relinquished by:	Date:	Time:	Received by (Laboratory):	Date:	Time:
			ALS Kelso		
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):		

Notes: R8 SCRIBE EDD. Please send invoice to Brian, Rindy, and Maura

ALS Cooler ID	Cooler Temp	QC Package: (Check Box Below)	
		☑ Level II: Standard QC	☐ Level III: Raw Data
		☐ TRRP LRC	☐ TRRP Level IV
		☑ Level IV: SW846 Methods/CLP like	
		☐ Other:	

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C

Note: Any changes must be made in writing once samples and COC Form have been submitted to ALS.

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PM UK

Cooler Receipt and Preservation Form

Client TETRA TECH Service Request K22 135590

Received: 11/16/22 Opened: 11/16/22 By: JM Unloaded: 11/16/22 By: JM

1. Samples were received via? *USPS* (*Fed Ex*) *UPS* *DHL* *PDX* *Courier* *Hand Delivered*
2. Samples were received in: (circle) (*Cooler*) *Box* *Envelope* *Other*_____ *NA*
3. Were custody seals on coolers? NA Y (N) If yes, how many and where? _____
   If present, were custody seals intact? Y N If present, were they signed and dated? Y N

Temp Blank	Sample Temp	IR Gun	Cooler #/COC ID / NA	Out of temp indicate with "X"	PM Notified if out of temp	Tracking Number NA	Filed
	11.4	IR01				770487969749	

4. Was a Temperature Blank present in cooler? NA Y (N) If yes, notate the temperature in the appropriate column above:
   If no, take the temperature of a representative sample bottle contained within the cooler; notate in the column "Sample Temp":
5. Were samples received within the method specified temperature ranges? NA Y (N)
   If no, were they received on ice and same day as collected? If not, notate the cooler # below and notify the PM. NA Y (N)

If applicable, tissue samples were received: *Frozen* *Partially Thawed* *Thawed*

6. Packing material: *Inserts* (*Baggies*) (*Bubble Wrap*) (*Gel Packs*) *Wet Ice* *Dry Ice* *Sleeves* _____
7. Were custody papers properly filled out (ink, signed, etc.)? NA (Y) N
8. Were samples received in good condition (unbroken) NA (Y) N
9. Were all sample labels complete (ie, analysis, preservation, etc.)? NA (Y) N
10. Did all sample labels and tags agree with custody papers? NA (Y) N
11. Were appropriate bottles/containers and volumes received for the tests indicated? NA (Y) N
12. Were the pH-preserved bottles (*see SMO GEN SOP*) received at the appropriate pH? *Indicate in the table below* (NA) Y N
13. Were VOA vials received without headspace? *Indicate in the table below.* (NA) Y N
14. Was C12/Res negative? (NA) Y N
15. Were 100ml sterile microbiology bottles filled exactly to the 100ml mark? (NA) Y N Under filled Overfilled

Sample ID on Bottle	Sample ID on COC	Identified by:

Sample ID	Bottle Count Bottle Type	Head-space	Broke	pH	Reagent	Volume added	Reagent Lot Number	Initials	Time

Notes, Discrepancies, Resolutions: _____

Total Solids

ALS Environmental—Kelso Laboratory
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www.alsglobal.com

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2213590
Project:	Garner Street Soils/103X903520F0071211205	**Date Collected:**	05/16/22 - 05/19/22
Sample Matrix:	Soil	**Date Received:**	11/16/22
Analysis Method:	160.3 Modified	**Units:**	Percent
Prep Method:	None	**Basis:**	As Received

Solids, Total

Sample Name	Lab Code	Result	MRL	Dil.	Date Analyzed	Q
GS-04A-00-01	K2213590-001	**99.4**	-	1	12/05/22 15:42	
GS-04B-00-01	K2213590-002	**98.4**	-	1	12/05/22 15:42	
GS-05B-00-01	K2213590-003	**96.6**	-	1	12/05/22 15:42	
GS-08E-00-01	K2213590-004	**98.4**	-	1	12/05/22 15:42	
GS-09B-00-01	K2213590-005	**99.0**	-	1	12/05/22 15:42	
GS-10B-00-01	K2213590-006	**99.2**	-	1	12/05/22 15:42	
GS-11D-00-01	K2213590-007	**99.0**	-	1	12/05/22 15:42	
GS-16B1-00-01	K2213590-008	**98.6**	-	1	12/05/22 15:42	
GS-28D-00-01	K2213590-009	**98.0**	-	1	12/05/22 15:42	
GS-29A5-00-01	K2213590-010	**99.6**	-	1	12/05/22 15:42	
GS-33A-00-01	K2213590-011	**97.7**	-	1	12/05/22 15:42	
GS-38A-00-01	K2213590-012	**98.3**	-	1	12/05/22 15:42	
GS-40A1-00-01	K2213590-013	**98.4**	-	1	12/05/22 15:42	
GS-44A-00-01	K2213590-014	**98.2**	-	1	12/05/22 15:42	
GS-HOUSE-00-01	K2213590-015	**97.9**	-	1	12/05/22 15:42	

ALS Group USA, Corp.

dba ALS Environmental

QA/QC Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2213590
Project	Garner Street Soils/103X903520F0071211205	**Date Collected:**	05/17/22
Sample Matrix:	Soil	**Date Received:**	11/16/22
		Date Analyzed:	12/05/22

Replicate Sample Summary
Inorganic Parameters

Sample Name:	GS-04A-00-01	**Units:**	Percent
Lab Code:	K2213590-001	**Basis:**	As Received

Analyte Name	Analysis Method	MRL	Sample Result	Duplicate Sample K2213590-001DUP Result	Average	RPD	RPD Limit
Solids, Total	160.3 Modified	-	99.4	98.4	98.9	1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Metals

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Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

ALS Group USA, Corp.
dba ALS Environmental
Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2213590
Project:	Garner Street Soils/103X903520F0071211205	**Date Collected:**	5/16-5/19/2022
Sample Matrix:	Soil	**Date Received:**	11/16/2022
		Date Extracted:	12/6/2022
		Date Analyzed:	12/7/2022

Bioaccessibility Value
Analyte: Arsenic
Units: Percent (%)

Sample Name	Lab Code	Result
GS-04A-00-01	K2213590-001	15.5
GS-04B-00-01	K2213590-002	14.4
GS-05B-00-01	K2213590-003	14.8
GS-08E-00-01	K2213590-004	18.3
GS-09B-00-01	K2213590-005	8.1
GS-10B-00-01	K2213590-006	9.0
GS-11D-00-01	K2213590-007	17.2
GS-16B1-00-01	K2213590-008	12.3
GS-28D-00-01	K2213590-009	15.1
GS-29A5-00-01	K2213590-010	6.9
GS-33A-00-01	K2213590-011	9.8
GS-38A-00-01	K2213590-012	8.1
GS-40A1-00-01	K2213590-013	11.6
GS-44A-00-01	K2213590-014	15.6
GS-HOUSE-00-01	K2213590-015	13.8

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2213590
Project:	Garner Street Soils/103X903520F0071211205	**Date Collected:**	05/17/22 14:27
Sample Matrix:	Soil	**Date Received:**	11/16/22 10:30
Sample Name:	GS-04A-00-01	**Basis:**	Dry
Lab Code:	K2213590-001		

Total Metals – IVBA Analysis

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**31.6**	mg/Kg	0.50	5	12/07/22 08:18	12/06/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2213590
Project:	Garner Street Soils/103X903520F0071211205	**Date Collected:**	05/17/22 14:27
Sample Matrix:	Soil	**Date Received:**	11/16/22 10:30
Sample Name:	GS-04A-00-01	**Basis:**	Dry
Lab Code:	K2213590-001		

IVBA Metals

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**4.89**	mg/Kg	0.50	5	12/07/22 09:40	12/06/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2213590
Project:	Garner Street Soils/103X903520F0071211205	**Date Collected:**	05/18/22 09:48
Sample Matrix:	Soil	**Date Received:**	11/16/22 10:30
Sample Name:	GS-04B-00-01	**Basis:**	Dry
Lab Code:	K2213590-002		

Total Metals – IVBA Analysis

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**96.3**	mg/Kg	0.49	5	12/07/22 08:19	12/06/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2213590
Project:	Garner Street Soils/103X903520F0071211205	**Date Collected:**	05/18/22 09:48
Sample Matrix:	Soil	**Date Received:**	11/16/22 10:30
Sample Name:	GS-04B-00-01	**Basis:**	Dry
Lab Code:	K2213590-002		

IVBA Metals

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**13.9**	mg/Kg	0.49	5	12/07/22 09:41	12/06/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2213590
Project:	Garner Street Soils/103X903520F0071211205	**Date Collected:**	05/18/22 09:31
Sample Matrix:	Soil	**Date Received:**	11/16/22 10:30
Sample Name:	GS-05B-00-01	**Basis:**	Dry
Lab Code:	K2213590-003		

Total Metals – IVBA Analysis

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**62.7**	mg/Kg	0.49	5	12/07/22 08:20	12/06/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2213590
Project:	Garner Street Soils/103X903520F0071211205	**Date Collected:**	05/18/22 09:31
Sample Matrix:	Soil	**Date Received:**	11/16/22 10:30
Sample Name:	GS-05B-00-01	**Basis:**	Dry
Lab Code:	K2213590-003		

IVBA Metals

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**9.25**	mg/Kg	0.50	5	12/07/22 09:45	12/06/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2213590
Project:	Garner Street Soils/103X903520F0071211205	**Date Collected:**	05/19/22 09:42
Sample Matrix:	Soil	**Date Received:**	11/16/22 10:30
Sample Name:	GS-08E-00-01	**Basis:**	Dry
Lab Code:	K2213590-004		

Total Metals – IVBA Analysis

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**46.7**	mg/Kg	0.50	5	12/07/22 08:24	12/06/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2213590
Project:	Garner Street Soils/103X903520F0071211205	**Date Collected:**	05/19/22 09:42
Sample Matrix:	Soil	**Date Received:**	11/16/22 10:30
Sample Name:	GS-08E-00-01	**Basis:**	Dry
Lab Code:	K2213590-004		

IVBA Metals

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**8.53**	mg/Kg	0.50	5	12/07/22 09:46	12/06/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2213590
Project:	Garner Street Soils/103X903520F0071211205	**Date Collected:**	05/18/22 08:14
Sample Matrix:	Soil	**Date Received:**	11/16/22 10:30
Sample Name:	GS-09B-00-01	**Basis:**	Dry
Lab Code:	K2213590-005		

Total Metals – IVBA Analysis

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**109**	mg/Kg	0.50	5	12/07/22 08:12	12/06/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2213590
Project:	Garner Street Soils/103X903520F0071211205	**Date Collected:**	05/18/22 08:14
Sample Matrix:	Soil	**Date Received:**	11/16/22 10:30
Sample Name:	GS-09B-00-01	**Basis:**	Dry
Lab Code:	K2213590-005		

IVBA Metals

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**8.85**	mg/Kg	0.50	5	12/07/22 09:34	12/06/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2213590
Project:	Garner Street Soils/103X903520F0071211205	**Date Collected:**	05/17/22 16:36
Sample Matrix:	Soil	**Date Received:**	11/16/22 10:30
Sample Name:	GS-10B-00-01	**Basis:**	Dry
Lab Code:	K2213590-006		

Total Metals – IVBA Analysis

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**120**	mg/Kg	0.50	5	12/07/22 08:25	12/06/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2213590
Project:	Garner Street Soils/103X903520F0071211205	**Date Collected:**	05/17/22 16:36
Sample Matrix:	Soil	**Date Received:**	11/16/22 10:30
Sample Name:	GS-10B-00-01	**Basis:**	Dry
Lab Code:	K2213590-006		

IVBA Metals

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**10.8**	mg/Kg	0.50	5	12/07/22 09:47	12/06/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2213590
Project:	Garner Street Soils/103X903520F0071211205	**Date Collected:**	05/18/22 14:44
Sample Matrix:	Soil	**Date Received:**	11/16/22 10:30
Sample Name:	GS-11D-00-01	**Basis:**	Dry
Lab Code:	K2213590-007		

Total Metals – IVBA Analysis

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**34.1**	mg/Kg	0.50	5	12/07/22 08:27	12/06/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2213590
Project:	Garner Street Soils/103X903520F0071211205	**Date Collected:**	05/18/22 14:44
Sample Matrix:	Soil	**Date Received:**	11/16/22 10:30
Sample Name:	GS-11D-00-01	**Basis:**	Dry
Lab Code:	K2213590-007		

IVBA Metals

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**5.87**	mg/Kg	0.49	5	12/07/22 09:49	12/06/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2213590
Project:	Garner Street Soils/103X903520F0071211205	**Date Collected:**	05/18/22 10:36
Sample Matrix:	Soil	**Date Received:**	11/16/22 10:30
Sample Name:	GS-16B1-00-01	**Basis:**	Dry
Lab Code:	K2213590-008		

Total Metals – IVBA Analysis

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**35.5**	mg/Kg	0.49	5	12/07/22 08:28	12/06/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2213590
Project:	Garner Street Soils/103X903520F0071211205	**Date Collected:**	05/18/22 10:36
Sample Matrix:	Soil	**Date Received:**	11/16/22 10:30
Sample Name:	GS-16B1-00-01	**Basis:**	Dry
Lab Code:	K2213590-008		

IVBA Metals

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**4.38**	mg/Kg	0.50	5	12/07/22 09:50	12/06/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2213590
Project:	Garner Street Soils/103X903520F0071211205	**Date Collected:**	05/18/22 16:40
Sample Matrix:	Soil	**Date Received:**	11/16/22 10:30
Sample Name:	GS-28D-00-01	**Basis:**	Dry
Lab Code:	K2213590-009		

Total Metals – IVBA Analysis

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**48.2**	mg/Kg	0.50	5	12/07/22 08:29	12/06/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2213590
Project:	Garner Street Soils/103X903520F0071211205	**Date Collected:**	05/18/22 16:40
Sample Matrix:	Soil	**Date Received:**	11/16/22 10:30
Sample Name:	GS-28D-00-01	**Basis:**	Dry
Lab Code:	K2213590-009		

IVBA Metals

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**7.29**	mg/Kg	0.49	5	12/07/22 09:51	12/06/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2213590
Project:	Garner Street Soils/103X903520F0071211205	**Date Collected:**	05/16/22 11:13
Sample Matrix:	Soil	**Date Received:**	11/16/22 10:30
Sample Name:	GS-29A5-00-01	**Basis:**	Dry
Lab Code:	K2213590-010		

Total Metals – IVBA Analysis

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**109**	mg/Kg	0.49	5	12/07/22 08:30	12/06/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2213590
Project:	Garner Street Soils/103X903520F0071211205	**Date Collected:**	05/16/22 11:13
Sample Matrix:	Soil	**Date Received:**	11/16/22 10:30
Sample Name:	GS-29A5-00-01	**Basis:**	Dry
Lab Code:	K2213590-010		

IVBA Metals

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**7.55**	mg/Kg	0.49	5	12/07/22 09:52	12/06/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2213590
Project:	Garner Street Soils/103X903520F0071211205	**Date Collected:**	05/16/22 12:46
Sample Matrix:	Soil	**Date Received:**	11/16/22 10:30
Sample Name:	GS-33A-00-01	**Basis:**	Dry
Lab Code:	K2213590-011		

Total Metals – IVBA Analysis

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**106**	mg/Kg	0.50	5	12/07/22 08:31	12/06/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2213590
Project:	Garner Street Soils/103X903520F0071211205	**Date Collected:**	05/16/22 12:46
Sample Matrix:	Soil	**Date Received:**	11/16/22 10:30
Sample Name:	GS-33A-00-01	**Basis:**	Dry
Lab Code:	K2213590-011		

IVBA Metals

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**10.4**	mg/Kg	0.50	5	12/07/22 09:53	12/06/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2213590
Project:	Garner Street Soils/103X903520F0071211205	**Date Collected:**	05/16/22 15:01
Sample Matrix:	Soil	**Date Received:**	11/16/22 10:30
Sample Name:	GS-38A-00-01	**Basis:**	Dry
Lab Code:	K2213590-012		

Total Metals – IVBA Analysis

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**64.7**	mg/Kg	0.50	5	12/07/22 08:33	12/06/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2213590
Project:	Garner Street Soils/103X903520F0071211205	**Date Collected:**	05/16/22 15:01
Sample Matrix:	Soil	**Date Received:**	11/16/22 10:30
Sample Name:	GS-38A-00-01	**Basis:**	Dry
Lab Code:	K2213590-012		

IVBA Metals

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**5.27**	mg/Kg	0.49	5	12/07/22 09:55	12/06/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2213590
Project:	Garner Street Soils/103X903520F0071211205	**Date Collected:**	05/16/22 16:50
Sample Matrix:	Soil	**Date Received:**	11/16/22 10:30
Sample Name:	GS-40A1-00-01	**Basis:**	Dry
Lab Code:	K2213590-013		

Total Metals – IVBA Analysis

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**39.0**	mg/Kg	0.49	5	12/07/22 08:34	12/06/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2213590
Project:	Garner Street Soils/103X903520F0071211205	**Date Collected:**	05/16/22 16:50
Sample Matrix:	Soil	**Date Received:**	11/16/22 10:30
Sample Name:	GS-40A1-00-01	**Basis:**	Dry
Lab Code:	K2213590-013		

IVBA Metals

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**4.52**	mg/Kg	0.50	5	12/07/22 09:56	12/06/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2213590
Project:	Garner Street Soils/103X903520F0071211205	**Date Collected:**	05/17/22 08:33
Sample Matrix:	Soil	**Date Received:**	11/16/22 10:30
Sample Name:	GS-44A-00-01	**Basis:**	Dry
Lab Code:	K2213590-014		

Total Metals – IVBA Analysis

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**25.6**	mg/Kg	0.49	5	12/07/22 08:35	12/06/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2213590
Project:	Garner Street Soils/103X903520F0071211205	**Date Collected:**	05/17/22 08:33
Sample Matrix:	Soil	**Date Received:**	11/16/22 10:30
Sample Name:	GS-44A-00-01	**Basis:**	Dry
Lab Code:	K2213590-014		

IVBA Metals

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**4.00**	mg/Kg	0.50	5	12/07/22 09:59	12/06/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2213590
Project:	Garner Street Soils/103X903520F0071211205	**Date Collected:**	05/17/22 10:39
Sample Matrix:	Soil	**Date Received:**	11/16/22 10:30
Sample Name:	GS-HOUSE-00-01	**Basis:**	Dry
Lab Code:	K2213590-015		

Total Metals – IVBA Analysis

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**58.2**	mg/Kg	0.49	5	12/07/22 08:39	12/06/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2213590
Project:	Garner Street Soils/103X903520F0071211205	**Date Collected:**	05/17/22 10:39
Sample Matrix:	Soil	**Date Received:**	11/16/22 10:30
Sample Name:	GS-HOUSE-00-01	**Basis:**	Dry
Lab Code:	K2213590-015		

IVBA Metals

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**8.02**	mg/Kg	0.50	5	12/07/22 10:01	12/06/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2213590
Project:	Garner Street Soils/103X903520F0071211205	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	Dry
Lab Code:	KQ2221470-01		

Total Metals – IVBA Analysis

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND U	mg/Kg	0.50	5	12/07/22 08:10	12/06/22	

Analytical Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2213590
Project:	Garner Street Soils/103X903520F0071211205	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	Dry
Lab Code:	KQ2221471-01		

IVBA Metals

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND U	mg/Kg	0.50	5	12/07/22 09:30	12/06/22	

ALS Group USA, Corp.

dba ALS Environmental

QA/QC Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2213590
Project	Garner Street Soils/103X903520F0071211205	**Date Collected:**	05/18/22
Sample Matrix:	Soil	**Date Received:**	11/16/22
		Date Analyzed:	12/07/22

Replicate Sample Summary

Total Metals – IVBA Analysis

Sample Name:	GS-09B-00-01	**Units:**	mg/Kg
Lab Code:	K2213590-005	**Basis:**	Dry

Analyte Name	Analysis Method	MRL	Sample Result	Duplicate Sample KQ2221470-03 Result	Average	RPD	RPD Limit
Arsenic	6020A	0.49	109	112	111	3	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp.

dba ALS Environmental

QA/QC Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2213590
Project	Garner Street Soils/103X903520F0071211205	**Date Collected:**	05/18/22
Sample Matrix:	Soil	**Date Received:**	11/16/22
		Date Analyzed:	12/07/22

Replicate Sample Summary
IVBA Metals

Sample Name:	GS-09B-00-01	**Units:**	mg/Kg
Lab Code:	K2213590-005	**Basis:**	Dry

Analyte Name	Analysis Method	MRL	Sample Result	Duplicate Sample KQ2221471-04 Result	Average	RPD	RPD Limit
Arsenic	6020A	0.50	8.85	8.68	8.77	2	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2213590
Project:	Garner Street Soils/103X903520F0071211205	**Date Collected:**	05/18/22
Sample Matrix:	Soil	**Date Received:**	11/16/22
		Date Analyzed:	12/7/22
		Date Extracted:	12/6/22

Matrix Spike Summary
Total Metals – IVBA Analysis

Sample Name:	GS-09B-00-01	**Units:**	mg/Kg
Lab Code:	K2213590-005	**Basis:**	Dry
Analysis Method:	6020A		
Prep Method:	EPA 3050B		

Matrix Spike
KQ2221470-04

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	109	213	99.2	106	75-125

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Tetra Tech, Inc.	**Service Request:**	K2213590
Project:	Garner Street Soils/103X903520F0071211205	**Date Collected:**	05/18/22
Sample Matrix:	Soil	**Date Received:**	11/16/22
		Date Analyzed:	12/7/22
		Date Extracted:	12/6/22

Matrix Spike Summary
IVBA Metals

Sample Name:	GS-09B-00-01	**Units:**	mg/Kg
Lab Code:	K2213590-005	**Basis:**	Dry
Analysis Method:	6020A		
Prep Method:	EPA 9200.2-86		

Matrix Spike
KQ2221471-05

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	8.85	87.9	99.3	80	75-125

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

Client: Tetra Tech, Inc.
Project: Garner Street Soils/103X903520F0071211205
Sample Matrix: Soil

Service Request: K2213590
Date Analyzed: 12/07/22

Lab Control Sample Summary
Total Metals – IVBA Analysis

Units:mg/Kg
Basis: Dry

Lab Control Sample
KQ2221470-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	6020A	100	100	100	80-120

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Tetra Tech, Inc.
Project: Garner Street Soils/103X903520F0071211205
Sample Matrix: Soil

Service Request: K2213590
Date Analyzed: 12/07/22

Lab Control Sample Summary
IVBA Metals

Units:mg/Kg
Basis: Dry

Lab Control Sample
KQ2221471-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	6020A	97.5	100	98	80-120