

Cover Page

Order ID : Q1782

Project ID : Ansonia Landfill 2025

Client : Lockwood, Kessler & Bartlett, Inc.

Lab Sample Number

Q1782-01
Q1782-02
Q1782-03
Q1782-04
Q1782-05
Q1782-06
Q1782-07
Q1782-08
Q1782-09

Client Sample Number

MW-1
MW-1
MW-2
MW-2
MW-3
MW-3
MW-4
MW-4
TRIP BLANK

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 4/19/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

Lockwood, Kessler & Bartlett, Inc.

Project Name: Ansonia Landfill 2025

Project # N/A

Chemtech Project # Q1782

Test Name: Dissolved Metals Group5, Metals Group4

A. Number of Samples and Date of Receipt:

9 Water samples were received on 04/10/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Alkalinity, Ammonia, Anions Group1, BOD5, Dissolved Metals Group5, Metals Group4, pH, Redox Potential, TDS, TKN, Total Nitrogen, TSS, Turbidity and VOCMS Group1. This data package contains results for Dissolved Metals Group5, Metals Group4.

C. Analytical Techniques:

The analysis of Dissolved Metals Group5, Metals Group4 was based on method 6010D and digestion based on method 3010 (waters).

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Blank Spike met requirements for all samples.

The Duplicate (MW-4DUP) analysis met criteria for all samples except for Manganese due to sample Matrix interference.

The Matrix Spike (MW-4MS) analysis met criteria for all samples except for Manganese due to Chemical Interference during Digestion process.

The Matrix Spike Duplicate (MW-4MSD) analysis met criteria for all samples except for Manganese due to Chemical Interference during Digestion process.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

The Serial Dilution met the acceptable requirements.

E. Additional Comments:

Sample Q1782-01, Q1782-03, Q1782-05 and Q1782-07 analyzed as Total Metal, sample Q1782-02, Q1782-04, Q1782-06 and Q1782-08 analyzed as Dissolved Metal.



I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers “P” for ICP instrument “PM” for ICP when Microwave Digestion is used “CV” for Manual Cold Vapor AA “AV” for automated Cold Vapor AA “CA” for MIDI-Distillation Spectrophotometric “AS” for Semi -Automated Spectrophotometric “C” for Manual Spectrophotometric “T” for Titrimetric “NR” for analyte not required to be analyzed
OR	Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1782

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: KETAN PATEL

Date: 04/19/2025

LAB CHRONICLE

OrderID:	Q1782	OrderDate:	4/10/2025 1:22:00 PM
Client:	Lockwood, Kessler & Bartlett, Inc.	Project:	Ansonia Landfill 2025
Contact:	John Gerlach	Location:	K11,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1782-01	MW-1	Water	Metals Group4	6010D	04/09/25	04/14/25	04/15/25	04/10/25
Q1782-02	MW-1	Water	Dissolved Metals Group5	6010D	04/09/25	04/14/25	04/15/25	04/10/25
Q1782-03	MW-2	Water	Metals Group4	6010D	04/09/25	04/14/25	04/15/25	04/10/25
Q1782-04	MW-2	Water	Dissolved Metals Group5	6010D	04/09/25	04/14/25	04/15/25	04/10/25
Q1782-05	MW-3	Water	Metals Group4	6010D	04/09/25	04/14/25	04/15/25	04/10/25
Q1782-06	MW-3	Water	Dissolved Metals Group5	6010D	04/09/25	04/14/25	04/15/25	04/10/25
Q1782-07	MW-4	Water	Metals Group4	6010D	04/09/25	04/14/25	04/15/25	04/10/25
Q1782-08	MW-4	Water	Dissolved Metals Group5	6010D	04/09/25	04/14/25	04/15/25	04/10/25

Hit Summary Sheet SW-846

SDG No.: Q1782

Order ID: Q1782

Client: Lockwood, Kessler & Bartlett, Inc.

Project ID: Ansonia Landfill 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MW-1								
Q1782-01	MW-1	Water	Barium	43.9	J	6.28	50.0	ug/L
Q1782-01	MW-1	Water	Cadmium	1.18	J	0.094	3.00	ug/L
Q1782-01	MW-1	Water	Chromium	1.67	J	0.66	5.00	ug/L
Q1782-01	MW-1	Water	Nickel	4.15	J	0.85	20.0	ug/L
Q1782-01	MW-1	Water	Potassium	4240		685	1000	ug/L
Q1782-01	MW-1	Water	Sodium	63400		237	1000	ug/L
Q1782-01	MW-1	Water	Zinc	129		1.75	20.0	ug/L
Client ID : MW-1								
Q1782-02	MW-1	Water	Iron	158		18.5	50.0	ug/L
Q1782-02	MW-1	Water	Manganese	102		1.46	10.0	ug/L
Client ID : MW-2								
Q1782-03	MW-2	Water	Barium	115		6.28	50.0	ug/L
Q1782-03	MW-2	Water	Cadmium	0.18	J	0.094	3.00	ug/L
Q1782-03	MW-2	Water	Chromium	10.9		0.66	5.00	ug/L
Q1782-03	MW-2	Water	Copper	16.0		7.07	10.0	ug/L
Q1782-03	MW-2	Water	Nickel	6.76	J	0.85	20.0	ug/L
Q1782-03	MW-2	Water	Potassium	16500		685	1000	ug/L
Q1782-03	MW-2	Water	Sodium	192000		237	1000	ug/L
Q1782-03	MW-2	Water	Zinc	46.9		1.75	20.0	ug/L
Client ID : MW-2								
Q1782-04	MW-2	Water	Iron	113		18.5	50.0	ug/L
Q1782-04	MW-2	Water	Manganese	55.6		1.46	10.0	ug/L
Client ID : MW-3								
Q1782-05	MW-3	Water	Barium	117		6.28	50.0	ug/L
Q1782-05	MW-3	Water	Potassium	12400		685	1000	ug/L
Q1782-05	MW-3	Water	Sodium	205000		237	1000	ug/L
Q1782-05	MW-3	Water	Zinc	9.44	J	1.75	20.0	ug/L
Client ID : MW-3								
Q1782-06	MW-3	Water	Iron	74.5		18.5	50.0	ug/L
Q1782-06	MW-3	Water	Manganese	51.2		1.46	10.0	ug/L
Client ID : MW-4								
Q1782-07	MW-4	Water	Barium	113		6.28	50.0	ug/L
Q1782-07	MW-4	Water	Potassium	12200		685	1000	ug/L

Hit Summary Sheet
SW-846

SDG No.: Q1782

Order ID: Q1782

Client: Lockwood, Kessler & Bartlett, Inc.

Project ID: Ansonia Landfill 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1782-07	MW-4	Water	Sodium	202000		237	1000	ug/L
Q1782-07	MW-4	Water	Zinc	9.56	J	1.75	20.0	ug/L
Client ID : MW-4								
Q1782-08	MW-4	Water	Iron	71.3		18.5	50.0	ug/L
Q1782-08	MW-4	Water	Manganese	32.7		1.46	10.0	ug/L



SAMPLE DATA

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	04/09/25
Project:	Ansonia Landfill 2025	Date Received:	04/10/25
Client Sample ID:	MW-1	SDG No.:	Q1782
Lab Sample ID:	Q1782-01	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-36-0	Antimony	2.06	U	1	2.06	25.0	ug/L	04/14/25 10:30	04/15/25 19:50	SW6010	SW3010
7440-38-2	Arsenic	3.48	U	1	3.48	10.0	ug/L	04/14/25 10:30	04/15/25 19:50	SW6010	SW3010
7440-39-3	Barium	43.9	J	1	6.28	50.0	ug/L	04/14/25 10:30	04/15/25 19:50	SW6010	SW3010
7440-41-7	Beryllium	0.13	U	1	0.13	3.00	ug/L	04/14/25 10:30	04/15/25 19:50	SW6010	SW3010
7440-43-9	Cadmium	1.18	J	1	0.094	3.00	ug/L	04/14/25 10:30	04/15/25 19:50	SW6010	SW3010
7440-47-3	Chromium	1.67	J	1	0.66	5.00	ug/L	04/14/25 10:30	04/15/25 19:50	SW6010	SW3010
7440-48-4	Cobalt	0.50	U	1	0.50	15.0	ug/L	04/14/25 10:30	04/15/25 19:50	SW6010	SW3010
7440-50-8	Copper	7.07	U	1	7.07	10.0	ug/L	04/14/25 10:30	04/15/25 19:50	SW6010	SW3010
7439-92-1	Lead	3.51	U	1	3.51	6.00	ug/L	04/14/25 10:30	04/15/25 19:50	SW6010	SW3010
7440-02-0	Nickel	4.15	J	1	0.85	20.0	ug/L	04/14/25 10:30	04/15/25 19:50	SW6010	SW3010
7440-09-7	Potassium	4240		1	685	1000	ug/L	04/14/25 10:30	04/15/25 19:50	SW6010	SW3010
7782-49-2	Selenium	5.88	U	1	5.88	10.0	ug/L	04/14/25 10:30	04/15/25 19:50	SW6010	SW3010
7440-22-4	Silver	0.58	U	1	0.58	5.00	ug/L	04/14/25 10:30	04/15/25 19:50	SW6010	SW3010
7440-23-5	Sodium	63400		1	237	1000	ug/L	04/14/25 10:30	04/15/25 19:50	SW6010	SW3010
7440-28-0	Thallium	2.32	U	1	2.32	20.0	ug/L	04/14/25 10:30	04/15/25 19:50	SW6010	SW3010
7440-62-2	Vanadium	3.06	U	1	3.06	20.0	ug/L	04/14/25 10:30	04/15/25 19:50	SW6010	SW3010
7440-66-6	Zinc	129		1	1.75	20.0	ug/L	04/14/25 10:30	04/15/25 19:50	SW6010	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group4			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	04/09/25
Project:	Ansonia Landfill 2025	Date Received:	04/10/25
Client Sample ID:	MW-1	SDG No.:	Q1782
Lab Sample ID:	Q1782-02	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7439-89-6	Iron	158		1	18.5	50.0	ug/L	04/14/25 10:30	04/15/25 19:54	SW6010	SW3010
7439-96-5	Manganese	102	N*	1	1.46	10.0	ug/L	04/14/25 10:30	04/15/25 19:54	SW6010	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Dissolved Metals Group5			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	04/09/25
Project:	Ansonia Landfill 2025	Date Received:	04/10/25
Client Sample ID:	MW-2	SDG No.:	Q1782
Lab Sample ID:	Q1782-03	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-36-0	Antimony	2.06	U	1	2.06	25.0	ug/L	04/14/25 10:30	04/15/25 20:07	SW6010	SW3010
7440-38-2	Arsenic	3.48	U	1	3.48	10.0	ug/L	04/14/25 10:30	04/15/25 20:07	SW6010	SW3010
7440-39-3	Barium	115		1	6.28	50.0	ug/L	04/14/25 10:30	04/15/25 20:07	SW6010	SW3010
7440-41-7	Beryllium	0.13	U	1	0.13	3.00	ug/L	04/14/25 10:30	04/15/25 20:07	SW6010	SW3010
7440-43-9	Cadmium	0.18	J	1	0.094	3.00	ug/L	04/14/25 10:30	04/15/25 20:07	SW6010	SW3010
7440-47-3	Chromium	10.9		1	0.66	5.00	ug/L	04/14/25 10:30	04/15/25 20:07	SW6010	SW3010
7440-48-4	Cobalt	0.50	U	1	0.50	15.0	ug/L	04/14/25 10:30	04/15/25 20:07	SW6010	SW3010
7440-50-8	Copper	16.0		1	7.07	10.0	ug/L	04/14/25 10:30	04/15/25 20:07	SW6010	SW3010
7439-92-1	Lead	3.51	U	1	3.51	6.00	ug/L	04/14/25 10:30	04/15/25 20:07	SW6010	SW3010
7440-02-0	Nickel	6.76	J	1	0.85	20.0	ug/L	04/14/25 10:30	04/15/25 20:07	SW6010	SW3010
7440-09-7	Potassium	16500		1	685	1000	ug/L	04/14/25 10:30	04/15/25 20:07	SW6010	SW3010
7782-49-2	Selenium	5.88	U	1	5.88	10.0	ug/L	04/14/25 10:30	04/15/25 20:07	SW6010	SW3010
7440-22-4	Silver	0.58	U	1	0.58	5.00	ug/L	04/14/25 10:30	04/15/25 20:07	SW6010	SW3010
7440-23-5	Sodium	192000		1	237	1000	ug/L	04/14/25 10:30	04/15/25 20:07	SW6010	SW3010
7440-28-0	Thallium	2.32	U	1	2.32	20.0	ug/L	04/14/25 10:30	04/15/25 20:07	SW6010	SW3010
7440-62-2	Vanadium	3.06	U	1	3.06	20.0	ug/L	04/14/25 10:30	04/15/25 20:07	SW6010	SW3010
7440-66-6	Zinc	46.9		1	1.75	20.0	ug/L	04/14/25 10:30	04/15/25 20:07	SW6010	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group4			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N = Spiked sample recovery not within control limits

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	04/09/25
Project:	Ansonia Landfill 2025	Date Received:	04/10/25
Client Sample ID:	MW-2	SDG No.:	Q1782
Lab Sample ID:	Q1782-04	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7439-89-6	Iron	113		1	18.5	50.0	ug/L	04/14/25 10:30	04/15/25 20:11	SW6010	SW3010
7439-96-5	Manganese	55.6	N*	1	1.46	10.0	ug/L	04/14/25 10:30	04/15/25 20:11	SW6010	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Dissolved Metals Group5			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
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Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	04/09/25
Project:	Ansonia Landfill 2025	Date Received:	04/10/25
Client Sample ID:	MW-3	SDG No.:	Q1782
Lab Sample ID:	Q1782-05	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-36-0	Antimony	2.06	U	1	2.06	25.0	ug/L	04/14/25 10:30	04/15/25 20:16	SW6010	SW3010
7440-38-2	Arsenic	3.48	U	1	3.48	10.0	ug/L	04/14/25 10:30	04/15/25 20:16	SW6010	SW3010
7440-39-3	Barium	117		1	6.28	50.0	ug/L	04/14/25 10:30	04/15/25 20:16	SW6010	SW3010
7440-41-7	Beryllium	0.13	U	1	0.13	3.00	ug/L	04/14/25 10:30	04/15/25 20:16	SW6010	SW3010
7440-43-9	Cadmium	0.094	U	1	0.094	3.00	ug/L	04/14/25 10:30	04/15/25 20:16	SW6010	SW3010
7440-47-3	Chromium	0.66	U	1	0.66	5.00	ug/L	04/14/25 10:30	04/15/25 20:16	SW6010	SW3010
7440-48-4	Cobalt	0.50	U	1	0.50	15.0	ug/L	04/14/25 10:30	04/15/25 20:16	SW6010	SW3010
7440-50-8	Copper	7.07	U	1	7.07	10.0	ug/L	04/14/25 10:30	04/15/25 20:16	SW6010	SW3010
7439-92-1	Lead	3.51	U	1	3.51	6.00	ug/L	04/14/25 10:30	04/15/25 20:16	SW6010	SW3010
7440-02-0	Nickel	0.85	U	1	0.85	20.0	ug/L	04/14/25 10:30	04/15/25 20:16	SW6010	SW3010
7440-09-7	Potassium	12400		1	685	1000	ug/L	04/14/25 10:30	04/15/25 20:16	SW6010	SW3010
7782-49-2	Selenium	5.88	U	1	5.88	10.0	ug/L	04/14/25 10:30	04/15/25 20:16	SW6010	SW3010
7440-22-4	Silver	0.58	U	1	0.58	5.00	ug/L	04/14/25 10:30	04/15/25 20:16	SW6010	SW3010
7440-23-5	Sodium	205000		1	237	1000	ug/L	04/14/25 10:30	04/15/25 20:16	SW6010	SW3010
7440-28-0	Thallium	2.32	U	1	2.32	20.0	ug/L	04/14/25 10:30	04/15/25 20:16	SW6010	SW3010
7440-62-2	Vanadium	3.06	U	1	3.06	20.0	ug/L	04/14/25 10:30	04/15/25 20:16	SW6010	SW3010
7440-66-6	Zinc	9.44	J	1	1.75	20.0	ug/L	04/14/25 10:30	04/15/25 20:16	SW6010	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group4			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
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 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N = Spiked sample recovery not within control limits

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	04/09/25
Project:	Ansonia Landfill 2025	Date Received:	04/10/25
Client Sample ID:	MW-3	SDG No.:	Q1782
Lab Sample ID:	Q1782-06	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7439-89-6	Iron	74.5		1	18.5	50.0	ug/L	04/14/25 10:30	04/15/25 20:21	SW6010	SW3010
7439-96-5	Manganese	51.2	N*	1	1.46	10.0	ug/L	04/14/25 10:30	04/15/25 20:21	SW6010	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Dissolved Metals Group5			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	04/09/25
Project:	Ansonia Landfill 2025	Date Received:	04/10/25
Client Sample ID:	MW-4	SDG No.:	Q1782
Lab Sample ID:	Q1782-07	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-36-0	Antimony	2.06	U	1	2.06	25.0	ug/L	04/14/25 10:30	04/15/25 20:25	SW6010	SW3010
7440-38-2	Arsenic	3.48	U	1	3.48	10.0	ug/L	04/14/25 10:30	04/15/25 20:25	SW6010	SW3010
7440-39-3	Barium	113		1	6.28	50.0	ug/L	04/14/25 10:30	04/15/25 20:25	SW6010	SW3010
7440-41-7	Beryllium	0.13	U	1	0.13	3.00	ug/L	04/14/25 10:30	04/15/25 20:25	SW6010	SW3010
7440-43-9	Cadmium	0.094	U	1	0.094	3.00	ug/L	04/14/25 10:30	04/15/25 20:25	SW6010	SW3010
7440-47-3	Chromium	0.66	U	1	0.66	5.00	ug/L	04/14/25 10:30	04/15/25 20:25	SW6010	SW3010
7440-48-4	Cobalt	0.50	U	1	0.50	15.0	ug/L	04/14/25 10:30	04/15/25 20:25	SW6010	SW3010
7440-50-8	Copper	7.07	U	1	7.07	10.0	ug/L	04/14/25 10:30	04/15/25 20:25	SW6010	SW3010
7439-92-1	Lead	3.51	U	1	3.51	6.00	ug/L	04/14/25 10:30	04/15/25 20:25	SW6010	SW3010
7440-02-0	Nickel	0.85	U	1	0.85	20.0	ug/L	04/14/25 10:30	04/15/25 20:25	SW6010	SW3010
7440-09-7	Potassium	12200		1	685	1000	ug/L	04/14/25 10:30	04/15/25 20:25	SW6010	SW3010
7782-49-2	Selenium	5.88	U	1	5.88	10.0	ug/L	04/14/25 10:30	04/15/25 20:25	SW6010	SW3010
7440-22-4	Silver	0.58	U	1	0.58	5.00	ug/L	04/14/25 10:30	04/15/25 20:25	SW6010	SW3010
7440-23-5	Sodium	202000		1	237	1000	ug/L	04/14/25 10:30	04/15/25 20:25	SW6010	SW3010
7440-28-0	Thallium	2.32	U	1	2.32	20.0	ug/L	04/14/25 10:30	04/15/25 20:25	SW6010	SW3010
7440-62-2	Vanadium	3.06	U	1	3.06	20.0	ug/L	04/14/25 10:30	04/15/25 20:25	SW6010	SW3010
7440-66-6	Zinc	9.56	J	1	1.75	20.0	ug/L	04/14/25 10:30	04/15/25 20:25	SW6010	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group4			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	04/09/25
Project:	Ansonia Landfill 2025	Date Received:	04/10/25
Client Sample ID:	MW-4	SDG No.:	Q1782
Lab Sample ID:	Q1782-08	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7439-89-6	Iron	71.3		1	18.5	50.0	ug/L	04/14/25 10:30	04/15/25 20:59	SW6010	SW3010
7439-96-5	Manganese	32.7	N*	1	1.46	10.0	ug/L	04/14/25 10:30	04/15/25 20:59	SW6010	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Dissolved Metals Group5			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N =Spiked sample recovery not within control limits



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Lockwood, Kessler & Bartlett, Inc. SDG No.: Q1782
Contract: LOCK01 Lab Code: CHEM Case No.: Q1782 SAS No.: Q1782
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Antimony	1050	1000	105	90 - 110	P	04/15/2025	15:47	lb135445
	Arsenic	1020	1000	102	90 - 110	P	04/15/2025	15:47	lb135445
	Barium	548	520	105	90 - 110	P	04/15/2025	15:47	lb135445
	Beryllium	488	510	96	90 - 110	P	04/15/2025	15:47	lb135445
	Cadmium	493	510	97	90 - 110	P	04/15/2025	15:47	lb135445
	Chromium	506	520	97	90 - 110	P	04/15/2025	15:47	lb135445
	Cobalt	478	520	92	90 - 110	P	04/15/2025	15:47	lb135445
	Copper	508	510	100	90 - 110	P	04/15/2025	15:47	lb135445
	Iron	9690	10000	97	90 - 110	P	04/15/2025	15:47	lb135445
	Lead	973	1000	97	90 - 110	P	04/15/2025	15:47	lb135445
	Manganese	489	520	94	90 - 110	P	04/15/2025	15:47	lb135445
	Nickel	480	530	90	90 - 110	P	04/15/2025	15:47	lb135445
	Potassium	10100	9900	102	90 - 110	P	04/15/2025	15:47	lb135445
	Selenium	1070	1000	107	90 - 110	P	04/15/2025	15:47	lb135445
	Silver	247	250	99	90 - 110	P	04/15/2025	15:47	lb135445
	Sodium	10800	10000	108	90 - 110	P	04/15/2025	15:47	lb135445
	Thallium	1050	1000	105	90 - 110	P	04/15/2025	15:47	lb135445
	Vanadium	474	500	95	90 - 110	P	04/15/2025	15:47	lb135445
	Zinc	1010	1000	100	90 - 110	P	04/15/2025	15:47	lb135445

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Lockwood, Kessler & Bartlett, Inc. SDG No.: Q1782
Contract: LOCK01 Lab Code: CHEM Case No.: Q1782 SAS No.: Q1782
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV	Antimony	51.5	50.0	103	80 - 120	P	04/15/2025	15:51	lb135445
	Arsenic	22.8	20.0	114	80 - 120	P	04/15/2025	15:51	lb135445
	Barium	95.1	100	95	80 - 120	P	04/15/2025	15:51	lb135445
	Beryllium	5.81	6.0	97	80 - 120	P	04/15/2025	15:51	lb135445
	Cadmium	5.96	6.0	99	80 - 120	P	04/15/2025	15:51	lb135445
	Chromium	9.28	10.0	93	80 - 120	P	04/15/2025	15:51	lb135445
	Cobalt	28.6	30.0	95	80 - 120	P	04/15/2025	15:51	lb135445
	Copper	21.4	20.0	107	80 - 120	P	04/15/2025	15:51	lb135445
	Iron	92.9	100	93	80 - 120	P	04/15/2025	15:51	lb135445
	Lead	12.1	12.0	101	80 - 120	P	04/15/2025	15:51	lb135445
	Manganese	20.5	20.0	103	80 - 120	P	04/15/2025	15:51	lb135445
	Nickel	38.4	40.0	96	80 - 120	P	04/15/2025	15:51	lb135445
	Potassium	2040	2000	102	80 - 120	P	04/15/2025	15:51	lb135445
	Selenium	22.5	20.0	113	80 - 120	P	04/15/2025	15:51	lb135445
	Silver	10.5	10.0	104	80 - 120	P	04/15/2025	15:51	lb135445
	Sodium	1820	2000	91	80 - 120	P	04/15/2025	15:51	lb135445
	Thallium	44.9	40.0	112	80 - 120	P	04/15/2025	15:51	lb135445
	Vanadium	38.8	40.0	97	80 - 120	P	04/15/2025	15:51	lb135445
	Zinc	42.3	40.0	106	80 - 120	P	04/15/2025	15:51	lb135445

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Lockwood, Kessler & Bartlett, Inc. **SDG No.:** Q1782

Contract: LOCK01 **Lab Code:** CHEM **Case No.:** Q1782 **SAS No.:** Q1782

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Antimony	5020	5000	100	90 - 110	P	04/15/2025	16:26	lb135445
	Arsenic	5010	5000	100	90 - 110	P	04/15/2025	16:26	lb135445
	Barium	9820	10000	98	90 - 110	P	04/15/2025	16:26	lb135445
	Beryllium	249	250	100	90 - 110	P	04/15/2025	16:26	lb135445
	Cadmium	2440	2500	98	90 - 110	P	04/15/2025	16:26	lb135445
	Chromium	994	1000	99	90 - 110	P	04/15/2025	16:26	lb135445
	Cobalt	2450	2500	98	90 - 110	P	04/15/2025	16:26	lb135445
	Copper	1250	1250	100	90 - 110	P	04/15/2025	16:26	lb135445
	Iron	4940	5000	99	90 - 110	P	04/15/2025	16:26	lb135445
	Lead	4940	5000	99	90 - 110	P	04/15/2025	16:26	lb135445
	Manganese	2460	2500	98	90 - 110	P	04/15/2025	16:26	lb135445
	Nickel	2450	2500	98	90 - 110	P	04/15/2025	16:26	lb135445
	Potassium	25900	25000	104	90 - 110	P	04/15/2025	16:26	lb135445
	Selenium	5040	5000	101	90 - 110	P	04/15/2025	16:26	lb135445
	Silver	1240	1250	99	90 - 110	P	04/15/2025	16:26	lb135445
	Sodium	25600	25000	102	90 - 110	P	04/15/2025	16:26	lb135445
	Thallium	5080	5000	102	90 - 110	P	04/15/2025	16:26	lb135445
	Vanadium	2460	2500	98	90 - 110	P	04/15/2025	16:26	lb135445
	Zinc	2500	2500	100	90 - 110	P	04/15/2025	16:26	lb135445
CCV02	Antimony	4880	5000	98	90 - 110	P	04/15/2025	17:16	lb135445
	Arsenic	4870	5000	97	90 - 110	P	04/15/2025	17:16	lb135445
	Barium	9630	10000	96	90 - 110	P	04/15/2025	17:16	lb135445
	Beryllium	245	250	98	90 - 110	P	04/15/2025	17:16	lb135445
	Cadmium	2390	2500	96	90 - 110	P	04/15/2025	17:16	lb135445
	Chromium	988	1000	99	90 - 110	P	04/15/2025	17:16	lb135445
	Cobalt	2400	2500	96	90 - 110	P	04/15/2025	17:16	lb135445
	Copper	1220	1250	98	90 - 110	P	04/15/2025	17:16	lb135445
	Iron	4870	5000	97	90 - 110	P	04/15/2025	17:16	lb135445
	Lead	4820	5000	96	90 - 110	P	04/15/2025	17:16	lb135445
	Manganese	2410	2500	96	90 - 110	P	04/15/2025	17:16	lb135445
	Nickel	2400	2500	96	90 - 110	P	04/15/2025	17:16	lb135445
	Potassium	25400	25000	102	90 - 110	P	04/15/2025	17:16	lb135445
	Selenium	4880	5000	98	90 - 110	P	04/15/2025	17:16	lb135445
	Silver	1230	1250	98	90 - 110	P	04/15/2025	17:16	lb135445

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Lockwood, Kessler & Bartlett, Inc. **SDG No.:** Q1782

Contract: LOCK01 **Lab Code:** CHEM **Case No.:** Q1782 **SAS No.:** Q1782

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Sodium	25100	25000	100	90 - 110	P	04/15/2025	17:16	lb135445
	Thallium	4960	5000	99	90 - 110	P	04/15/2025	17:16	lb135445
	Vanadium	2420	2500	97	90 - 110	P	04/15/2025	17:16	lb135445
	Zinc	2460	2500	98	90 - 110	P	04/15/2025	17:16	lb135445
CCV03	Antimony	4980	5000	100	90 - 110	P	04/15/2025	18:07	lb135445
	Arsenic	4970	5000	99	90 - 110	P	04/15/2025	18:07	lb135445
	Barium	9800	10000	98	90 - 110	P	04/15/2025	18:07	lb135445
	Beryllium	242	250	97	90 - 110	P	04/15/2025	18:07	lb135445
	Cadmium	2440	2500	98	90 - 110	P	04/15/2025	18:07	lb135445
	Chromium	996	1000	100	90 - 110	P	04/15/2025	18:07	lb135445
	Cobalt	2440	2500	98	90 - 110	P	04/15/2025	18:07	lb135445
	Copper	1240	1250	99	90 - 110	P	04/15/2025	18:07	lb135445
	Iron	5050	5000	101	90 - 110	P	04/15/2025	18:07	lb135445
	Lead	4910	5000	98	90 - 110	P	04/15/2025	18:07	lb135445
	Manganese	2420	2500	97	90 - 110	P	04/15/2025	18:07	lb135445
	Nickel	2440	2500	98	90 - 110	P	04/15/2025	18:07	lb135445
	Potassium	25200	25000	101	90 - 110	P	04/15/2025	18:07	lb135445
	Selenium	5010	5000	100	90 - 110	P	04/15/2025	18:07	lb135445
	Silver	1240	1250	99	90 - 110	P	04/15/2025	18:07	lb135445
	Sodium	25000	25000	100	90 - 110	P	04/15/2025	18:07	lb135445
	Thallium	5020	5000	100	90 - 110	P	04/15/2025	18:07	lb135445
	Vanadium	2440	2500	98	90 - 110	P	04/15/2025	18:07	lb135445
	Zinc	2490	2500	100	90 - 110	P	04/15/2025	18:07	lb135445
CCV04	Antimony	4970	5000	100	90 - 110	P	04/15/2025	19:08	lb135445
	Arsenic	4980	5000	100	90 - 110	P	04/15/2025	19:08	lb135445
	Barium	9680	10000	97	90 - 110	P	04/15/2025	19:08	lb135445
	Beryllium	246	250	98	90 - 110	P	04/15/2025	19:08	lb135445
	Cadmium	2460	2500	98	90 - 110	P	04/15/2025	19:08	lb135445
	Chromium	994	1000	99	90 - 110	P	04/15/2025	19:08	lb135445
	Cobalt	2460	2500	98	90 - 110	P	04/15/2025	19:08	lb135445
	Copper	1240	1250	99	90 - 110	P	04/15/2025	19:08	lb135445
	Iron	4910	5000	98	90 - 110	P	04/15/2025	19:08	lb135445
	Lead	4950	5000	99	90 - 110	P	04/15/2025	19:08	lb135445
	Manganese	2440	2500	97	90 - 110	P	04/15/2025	19:08	lb135445

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Lockwood, Kessler & Bartlett, Inc. **SDG No.:** Q1782

Contract: LOCK01 **Lab Code:** CHEM **Case No.:** Q1782 **SAS No.:** Q1782

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Nickel	2460	2500	98	90 - 110	P	04/15/2025	19:08	lb135445
	Potassium	24400	25000	98	90 - 110	P	04/15/2025	19:08	lb135445
	Selenium	5000	5000	100	90 - 110	P	04/15/2025	19:08	lb135445
	Silver	1230	1250	98	90 - 110	P	04/15/2025	19:08	lb135445
	Sodium	24100	25000	96	90 - 110	P	04/15/2025	19:08	lb135445
	Thallium	5020	5000	100	90 - 110	P	04/15/2025	19:08	lb135445
	Vanadium	2460	2500	98	90 - 110	P	04/15/2025	19:08	lb135445
	Zinc	2470	2500	99	90 - 110	P	04/15/2025	19:08	lb135445
CCV05	Antimony	4830	5000	96	90 - 110	P	04/15/2025	19:59	lb135445
	Arsenic	4820	5000	96	90 - 110	P	04/15/2025	19:59	lb135445
	Barium	9600	10000	96	90 - 110	P	04/15/2025	19:59	lb135445
	Beryllium	238	250	95	90 - 110	P	04/15/2025	19:59	lb135445
	Cadmium	2390	2500	96	90 - 110	P	04/15/2025	19:59	lb135445
	Chromium	972	1000	97	90 - 110	P	04/15/2025	19:59	lb135445
	Cobalt	2390	2500	96	90 - 110	P	04/15/2025	19:59	lb135445
	Copper	1200	1250	96	90 - 110	P	04/15/2025	19:59	lb135445
	Iron	4870	5000	97	90 - 110	P	04/15/2025	19:59	lb135445
	Lead	4830	5000	97	90 - 110	P	04/15/2025	19:59	lb135445
	Manganese	2390	2500	96	90 - 110	P	04/15/2025	19:59	lb135445
	Nickel	2400	2500	96	90 - 110	P	04/15/2025	19:59	lb135445
	Potassium	24100	25000	97	90 - 110	P	04/15/2025	19:59	lb135445
	Selenium	4840	5000	97	90 - 110	P	04/15/2025	19:59	lb135445
	Silver	1210	1250	96	90 - 110	P	04/15/2025	19:59	lb135445
	Sodium	24000	25000	96	90 - 110	P	04/15/2025	19:59	lb135445
	Thallium	4850	5000	97	90 - 110	P	04/15/2025	19:59	lb135445
	Vanadium	2400	2500	96	90 - 110	P	04/15/2025	19:59	lb135445
	Zinc	2410	2500	96	90 - 110	P	04/15/2025	19:59	lb135445
	Antimony	4980	5000	100	90 - 110	P	04/15/2025	20:51	lb135445
CCV06	Arsenic	4980	5000	100	90 - 110	P	04/15/2025	20:51	lb135445
	Barium	9450	10000	94	90 - 110	P	04/15/2025	20:51	lb135445
	Beryllium	245	250	98	90 - 110	P	04/15/2025	20:51	lb135445
	Cadmium	2460	2500	98	90 - 110	P	04/15/2025	20:51	lb135445
	Chromium	1010	1000	100	90 - 110	P	04/15/2025	20:51	lb135445
	Cobalt	2450	2500	98	90 - 110	P	04/15/2025	20:51	lb135445

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Lockwood, Kessler & Bartlett, Inc. **SDG No.:** Q1782

Contract: LOCK01 **Lab Code:** CHEM **Case No.:** Q1782 **SAS No.:** Q1782

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV06	Copper	1230	1250	98	90 - 110	P	04/15/2025	20:51	lb135445
	Iron	4940	5000	99	90 - 110	P	04/15/2025	20:51	lb135445
	Lead	4960	5000	99	90 - 110	P	04/15/2025	20:51	lb135445
	Manganese	2380	2500	95	90 - 110	P	04/15/2025	20:51	lb135445
	Nickel	2470	2500	99	90 - 110	P	04/15/2025	20:51	lb135445
	Potassium	25300	25000	101	90 - 110	P	04/15/2025	20:51	lb135445
	Selenium	4980	5000	100	90 - 110	P	04/15/2025	20:51	lb135445
	Silver	1240	1250	99	90 - 110	P	04/15/2025	20:51	lb135445
	Sodium	24900	25000	100	90 - 110	P	04/15/2025	20:51	lb135445
	Thallium	5000	5000	100	90 - 110	P	04/15/2025	20:51	lb135445
	Vanadium	2430	2500	97	90 - 110	P	04/15/2025	20:51	lb135445
	Zinc	2490	2500	99	90 - 110	P	04/15/2025	20:51	lb135445
CCV07	Antimony	4940	5000	99	90 - 110	P	04/15/2025	21:43	lb135445
	Arsenic	4960	5000	99	90 - 110	P	04/15/2025	21:43	lb135445
	Barium	9520	10000	95	90 - 110	P	04/15/2025	21:43	lb135445
	Beryllium	246	250	98	90 - 110	P	04/15/2025	21:43	lb135445
	Cadmium	2460	2500	98	90 - 110	P	04/15/2025	21:43	lb135445
	Chromium	991	1000	99	90 - 110	P	04/15/2025	21:43	lb135445
	Cobalt	2450	2500	98	90 - 110	P	04/15/2025	21:43	lb135445
	Copper	1220	1250	98	90 - 110	P	04/15/2025	21:43	lb135445
	Iron	4840	5000	97	90 - 110	P	04/15/2025	21:43	lb135445
	Lead	4950	5000	99	90 - 110	P	04/15/2025	21:43	lb135445
	Manganese	2370	2500	95	90 - 110	P	04/15/2025	21:43	lb135445
	Nickel	2480	2500	99	90 - 110	P	04/15/2025	21:43	lb135445
	Potassium	24200	25000	97	90 - 110	P	04/15/2025	21:43	lb135445
	Selenium	5000	5000	100	90 - 110	P	04/15/2025	21:43	lb135445
	Silver	1230	1250	98	90 - 110	P	04/15/2025	21:43	lb135445
	Sodium	23900	25000	96	90 - 110	P	04/15/2025	21:43	lb135445
	Thallium	4850	5000	97	90 - 110	P	04/15/2025	21:43	lb135445
	Vanadium	2410	2500	96	90 - 110	P	04/15/2025	21:43	lb135445
	Zinc	2460	2500	98	90 - 110	P	04/15/2025	21:43	lb135445
	Antimony	4900	5000	98	90 - 110	P	04/15/2025	22:25	lb135445
CCV08	Arsenic	4920	5000	98	90 - 110	P	04/15/2025	22:25	lb135445
	Barium	9440	10000	94	90 - 110	P	04/15/2025	22:25	lb135445

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Lockwood, Kessler & Bartlett, Inc. SDG No.: Q1782
Contract: LOCK01 Lab Code: CHEM Case No.: Q1782 SAS No.: Q1782
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV08	Beryllium	248	250	99	90 - 110	P	04/15/2025	22:25	lb135445
	Cadmium	2460	2500	98	90 - 110	P	04/15/2025	22:25	lb135445
	Chromium	993	1000	99	90 - 110	P	04/15/2025	22:25	lb135445
	Cobalt	2440	2500	98	90 - 110	P	04/15/2025	22:25	lb135445
	Copper	1210	1250	97	90 - 110	P	04/15/2025	22:25	lb135445
	Iron	4820	5000	96	90 - 110	P	04/15/2025	22:25	lb135445
	Lead	4940	5000	99	90 - 110	P	04/15/2025	22:25	lb135445
	Manganese	2370	2500	95	90 - 110	P	04/15/2025	22:25	lb135445
	Nickel	2470	2500	99	90 - 110	P	04/15/2025	22:25	lb135445
	Potassium	24000	25000	96	90 - 110	P	04/15/2025	22:25	lb135445
	Selenium	4940	5000	99	90 - 110	P	04/15/2025	22:25	lb135445
	Silver	1230	1250	98	90 - 110	P	04/15/2025	22:25	lb135445
	Sodium	23500	25000	94	90 - 110	P	04/15/2025	22:25	lb135445
	Thallium	4950	5000	99	90 - 110	P	04/15/2025	22:25	lb135445
	Vanadium	2410	2500	96	90 - 110	P	04/15/2025	22:25	lb135445
	Zinc	2460	2500	98	90 - 110	P	04/15/2025	22:25	lb135445



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Lockwood, Kessler & Bartlett, Inc. **SDG No.:** Q1782
Contract: LOCK01 **Lab Code:** CHEM **Case No.:** Q1782 **SAS No.:** Q1782
Initial Calibration Source: _____
Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI1	Antimony	54.2	50.0	108	40 - 160	P	04/15/2025	16:05	lb135445
	Arsenic	23.2	20.0	116	40 - 160	P	04/15/2025	16:05	lb135445
	Barium	93.9	100	94	40 - 160	P	04/15/2025	16:05	lb135445
	Beryllium	5.90	6.0	98	40 - 160	P	04/15/2025	16:05	lb135445
	Cadmium	5.84	6.0	97	40 - 160	P	04/15/2025	16:05	lb135445
	Chromium	9.65	10.0	97	40 - 160	P	04/15/2025	16:05	lb135445
	Cobalt	28.6	30.0	95	40 - 160	P	04/15/2025	16:05	lb135445
	Copper	21.4	20.0	107	40 - 160	P	04/15/2025	16:05	lb135445
	Iron	90.6	100	91	40 - 160	P	04/15/2025	16:05	lb135445
	Lead	12.5	12.0	104	40 - 160	P	04/15/2025	16:05	lb135445
	Manganese	20.9	20.0	104	40 - 160	P	04/15/2025	16:05	lb135445
	Nickel	38.5	40.0	96	40 - 160	P	04/15/2025	16:05	lb135445
	Potassium	2000	2000	100	40 - 160	P	04/15/2025	16:05	lb135445
	Selenium	22.6	20.0	113	40 - 160	P	04/15/2025	16:05	lb135445
	Silver	10.3	10.0	103	40 - 160	P	04/15/2025	16:05	lb135445
	Sodium	1770	2000	88	40 - 160	P	04/15/2025	16:05	lb135445
	Thallium	43.2	40.0	108	40 - 160	P	04/15/2025	16:05	lb135445
	Vanadium	39.3	40.0	98	40 - 160	P	04/15/2025	16:05	lb135445
	Zinc	41.4	40.0	104	40 - 160	P	04/15/2025	16:05	lb135445



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc. SDG No.: Q1782
Contract: LOCK01 Lab Code: CHEM Case No.: Q1782 SAS No.: Q1782

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Antimony	50.0	+/-50.0	U	50.0	P	04/15/2025	15:55	lb135445
	Arsenic	20.0	+/-20.0	U	20.0	P	04/15/2025	15:55	lb135445
	Barium	100	+/-100	U	100	P	04/15/2025	15:55	lb135445
	Beryllium	6.00	+/-6.00	U	6.00	P	04/15/2025	15:55	lb135445
	Cadmium	6.00	+/-6.00	U	6.00	P	04/15/2025	15:55	lb135445
	Chromium	10.0	+/-10.0	U	10.0	P	04/15/2025	15:55	lb135445
	Cobalt	30.0	+/-30.0	U	30.0	P	04/15/2025	15:55	lb135445
	Copper	20.0	+/-20.0	U	20.0	P	04/15/2025	15:55	lb135445
	Iron	100	+/-100	U	100	P	04/15/2025	15:55	lb135445
	Lead	12.0	+/-12.0	U	12.0	P	04/15/2025	15:55	lb135445
	Manganese	20.0	+/-20.0	U	20.0	P	04/15/2025	15:55	lb135445
	Nickel	40.0	+/-40.0	U	40.0	P	04/15/2025	15:55	lb135445
	Potassium	2000	+/-2000	U	2000	P	04/15/2025	15:55	lb135445
	Selenium	20.0	+/-20.0	U	20.0	P	04/15/2025	15:55	lb135445
	Silver	10.0	+/-10.0	U	10.0	P	04/15/2025	15:55	lb135445
	Sodium	2000	+/-2000	U	2000	P	04/15/2025	15:55	lb135445
	Thallium	40.0	+/-40.0	U	40.0	P	04/15/2025	15:55	lb135445
	Vanadium	40.0	+/-40.0	U	40.0	P	04/15/2025	15:55	lb135445
	Zinc	40.0	+/-40.0	U	40.0	P	04/15/2025	15:55	lb135445

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc.		SDG No.: Q1782							
Contract: LOCK01	Lab Code: CHEM	Case No.: Q1782	SAS No.: Q1782						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Antimony	50.0	+/-50.0	U	50.0	P	04/15/2025	16:30	lb135445
	Arsenic	20.0	+/-20.0	U	20.0	P	04/15/2025	16:30	lb135445
	Barium	100	+/-100	U	100	P	04/15/2025	16:30	lb135445
	Beryllium	6.00	+/-6.00	U	6.00	P	04/15/2025	16:30	lb135445
	Cadmium	6.00	+/-6.00	U	6.00	P	04/15/2025	16:30	lb135445
	Chromium	10.0	+/-10.0	U	10.0	P	04/15/2025	16:30	lb135445
	Cobalt	30.0	+/-30.0	U	30.0	P	04/15/2025	16:30	lb135445
	Copper	20.0	+/-20.0	U	20.0	P	04/15/2025	16:30	lb135445
	Iron	100	+/-100	U	100	P	04/15/2025	16:30	lb135445
	Lead	12.0	+/-12.0	U	12.0	P	04/15/2025	16:30	lb135445
	Manganese	20.0	+/-20.0	U	20.0	P	04/15/2025	16:30	lb135445
	Nickel	40.0	+/-40.0	U	40.0	P	04/15/2025	16:30	lb135445
	Potassium	2000	+/-2000	U	2000	P	04/15/2025	16:30	lb135445
	Selenium	20.0	+/-20.0	U	20.0	P	04/15/2025	16:30	lb135445
	Silver	10.0	+/-10.0	U	10.0	P	04/15/2025	16:30	lb135445
	Sodium	2000	+/-2000	U	2000	P	04/15/2025	16:30	lb135445
	Thallium	40.0	+/-40.0	U	40.0	P	04/15/2025	16:30	lb135445
	Vanadium	40.0	+/-40.0	U	40.0	P	04/15/2025	16:30	lb135445
	Zinc	40.0	+/-40.0	U	40.0	P	04/15/2025	16:30	lb135445
CCB02	Antimony	50.0	+/-50.0	U	50.0	P	04/15/2025	17:20	lb135445
	Arsenic	20.0	+/-20.0	U	20.0	P	04/15/2025	17:20	lb135445
	Barium	100	+/-100	U	100	P	04/15/2025	17:20	lb135445
	Beryllium	6.00	+/-6.00	U	6.00	P	04/15/2025	17:20	lb135445
	Cadmium	6.00	+/-6.00	U	6.00	P	04/15/2025	17:20	lb135445
	Chromium	10.0	+/-10.0	U	10.0	P	04/15/2025	17:20	lb135445
	Cobalt	30.0	+/-30.0	U	30.0	P	04/15/2025	17:20	lb135445
	Copper	20.0	+/-20.0	U	20.0	P	04/15/2025	17:20	lb135445
	Iron	100	+/-100	U	100	P	04/15/2025	17:20	lb135445
	Lead	12.0	+/-12.0	U	12.0	P	04/15/2025	17:20	lb135445
	Manganese	20.0	+/-20.0	U	20.0	P	04/15/2025	17:20	lb135445
	Nickel	40.0	+/-40.0	U	40.0	P	04/15/2025	17:20	lb135445
	Potassium	2000	+/-2000	U	2000	P	04/15/2025	17:20	lb135445
	Selenium	20.0	+/-20.0	U	20.0	P	04/15/2025	17:20	lb135445
	Silver	10.0	+/-10.0	U	10.0	P	04/15/2025	17:20	lb135445
	Sodium	2000	+/-2000	U	2000	P	04/15/2025	17:20	lb135445
	Thallium	40.0	+/-40.0	U	40.0	P	04/15/2025	17:20	lb135445
	Vanadium	40.0	+/-40.0	U	40.0	P	04/15/2025	17:20	lb135445
	Zinc	40.0	+/-40.0	U	40.0	P	04/15/2025	17:20	lb135445
CCB03	Antimony	50.0	+/-50.0	U	50.0	P	04/15/2025	18:11	lb135445

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q1782

Contract: LOCK01

Lab Code: CHEM

Case No.: Q1782

SAS No.: Q1782

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB03	Arsenic	20.0	+/-20.0	U	20.0	P	04/15/2025	18:11	lb135445
	Barium	100	+/-100	U	100	P	04/15/2025	18:11	lb135445
	Beryllium	6.00	+/-6.00	U	6.00	P	04/15/2025	18:11	lb135445
	Cadmium	6.00	+/-6.00	U	6.00	P	04/15/2025	18:11	lb135445
	Chromium	10.0	+/-10.0	U	10.0	P	04/15/2025	18:11	lb135445
	Cobalt	30.0	+/-30.0	U	30.0	P	04/15/2025	18:11	lb135445
	Copper	20.0	+/-20.0	U	20.0	P	04/15/2025	18:11	lb135445
	Iron	100	+/-100	U	100	P	04/15/2025	18:11	lb135445
	Lead	12.0	+/-12.0	U	12.0	P	04/15/2025	18:11	lb135445
	Manganese	20.0	+/-20.0	U	20.0	P	04/15/2025	18:11	lb135445
	Nickel	40.0	+/-40.0	U	40.0	P	04/15/2025	18:11	lb135445
	Potassium	2000	+/-2000	U	2000	P	04/15/2025	18:11	lb135445
	Selenium	20.0	+/-20.0	U	20.0	P	04/15/2025	18:11	lb135445
	Silver	10.0	+/-10.0	U	10.0	P	04/15/2025	18:11	lb135445
	Sodium	2000	+/-2000	U	2000	P	04/15/2025	18:11	lb135445
	Thallium	40.0	+/-40.0	U	40.0	P	04/15/2025	18:11	lb135445
	Vanadium	40.0	+/-40.0	U	40.0	P	04/15/2025	18:11	lb135445
	Zinc	40.0	+/-40.0	U	40.0	P	04/15/2025	18:11	lb135445
CCB04	Antimony	50.0	+/-50.0	U	50.0	P	04/15/2025	19:12	lb135445
	Arsenic	20.0	+/-20.0	U	20.0	P	04/15/2025	19:12	lb135445
	Barium	100	+/-100	U	100	P	04/15/2025	19:12	lb135445
	Beryllium	6.00	+/-6.00	U	6.00	P	04/15/2025	19:12	lb135445
	Cadmium	6.00	+/-6.00	U	6.00	P	04/15/2025	19:12	lb135445
	Chromium	10.0	+/-10.0	U	10.0	P	04/15/2025	19:12	lb135445
	Cobalt	30.0	+/-30.0	U	30.0	P	04/15/2025	19:12	lb135445
	Copper	20.0	+/-20.0	U	20.0	P	04/15/2025	19:12	lb135445
	Iron	100	+/-100	U	100	P	04/15/2025	19:12	lb135445
	Lead	12.0	+/-12.0	U	12.0	P	04/15/2025	19:12	lb135445
	Manganese	20.0	+/-20.0	U	20.0	P	04/15/2025	19:12	lb135445
	Nickel	40.0	+/-40.0	U	40.0	P	04/15/2025	19:12	lb135445
	Potassium	2000	+/-2000	U	2000	P	04/15/2025	19:12	lb135445
	Selenium	20.0	+/-20.0	U	20.0	P	04/15/2025	19:12	lb135445
	Silver	10.0	+/-10.0	U	10.0	P	04/15/2025	19:12	lb135445
	Sodium	2000	+/-2000	U	2000	P	04/15/2025	19:12	lb135445
	Thallium	40.0	+/-40.0	U	40.0	P	04/15/2025	19:12	lb135445
	Vanadium	40.0	+/-40.0	U	40.0	P	04/15/2025	19:12	lb135445
	Zinc	40.0	+/-40.0	U	40.0	P	04/15/2025	19:12	lb135445
CCB05	Antimony	50.0	+/-50.0	U	50.0	P	04/15/2025	20:03	lb135445
	Arsenic	20.0	+/-20.0	U	20.0	P	04/15/2025	20:03	lb135445

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q1782

Contract: LOCK01

Lab Code: CHEM

Case No.: Q1782

SAS No.: Q1782

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB05	Barium	100	+/-100	U	100	P	04/15/2025	20:03	lb135445
	Beryllium	6.00	+/-6.00	U	6.00	P	04/15/2025	20:03	lb135445
	Cadmium	6.00	+/-6.00	U	6.00	P	04/15/2025	20:03	lb135445
	Chromium	10.0	+/-10.0	U	10.0	P	04/15/2025	20:03	lb135445
	Cobalt	30.0	+/-30.0	U	30.0	P	04/15/2025	20:03	lb135445
	Copper	20.0	+/-20.0	U	20.0	P	04/15/2025	20:03	lb135445
	Iron	100	+/-100	U	100	P	04/15/2025	20:03	lb135445
	Lead	12.0	+/-12.0	U	12.0	P	04/15/2025	20:03	lb135445
	Manganese	20.0	+/-20.0	U	20.0	P	04/15/2025	20:03	lb135445
	Nickel	40.0	+/-40.0	U	40.0	P	04/15/2025	20:03	lb135445
	Potassium	2000	+/-2000	U	2000	P	04/15/2025	20:03	lb135445
	Selenium	20.0	+/-20.0	U	20.0	P	04/15/2025	20:03	lb135445
	Silver	10.0	+/-10.0	U	10.0	P	04/15/2025	20:03	lb135445
	Sodium	2000	+/-2000	U	2000	P	04/15/2025	20:03	lb135445
	Thallium	40.0	+/-40.0	U	40.0	P	04/15/2025	20:03	lb135445
	Vanadium	40.0	+/-40.0	U	40.0	P	04/15/2025	20:03	lb135445
	Zinc	40.0	+/-40.0	U	40.0	P	04/15/2025	20:03	lb135445
CCB06	Antimony	50.0	+/-50.0	U	50.0	P	04/15/2025	20:55	lb135445
	Arsenic	20.0	+/-20.0	U	20.0	P	04/15/2025	20:55	lb135445
	Barium	100	+/-100	U	100	P	04/15/2025	20:55	lb135445
	Beryllium	6.00	+/-6.00	U	6.00	P	04/15/2025	20:55	lb135445
	Cadmium	6.00	+/-6.00	U	6.00	P	04/15/2025	20:55	lb135445
	Chromium	10.0	+/-10.0	U	10.0	P	04/15/2025	20:55	lb135445
	Cobalt	30.0	+/-30.0	U	30.0	P	04/15/2025	20:55	lb135445
	Copper	20.0	+/-20.0	U	20.0	P	04/15/2025	20:55	lb135445
	Iron	100	+/-100	U	100	P	04/15/2025	20:55	lb135445
	Lead	12.0	+/-12.0	U	12.0	P	04/15/2025	20:55	lb135445
	Manganese	20.0	+/-20.0	U	20.0	P	04/15/2025	20:55	lb135445
	Nickel	40.0	+/-40.0	U	40.0	P	04/15/2025	20:55	lb135445
	Potassium	2000	+/-2000	U	2000	P	04/15/2025	20:55	lb135445
	Selenium	20.0	+/-20.0	U	20.0	P	04/15/2025	20:55	lb135445
	Silver	10.0	+/-10.0	U	10.0	P	04/15/2025	20:55	lb135445
	Sodium	2000	+/-2000	U	2000	P	04/15/2025	20:55	lb135445
	Thallium	40.0	+/-40.0	U	40.0	P	04/15/2025	20:55	lb135445
	Vanadium	40.0	+/-40.0	U	40.0	P	04/15/2025	20:55	lb135445
	Zinc	40.0	+/-40.0	U	40.0	P	04/15/2025	20:55	lb135445
CCB07	Antimony	50.0	+/-50.0	U	50.0	P	04/15/2025	21:47	lb135445
	Arsenic	20.0	+/-20.0	U	20.0	P	04/15/2025	21:47	lb135445
	Barium	100	+/-100	U	100	P	04/15/2025	21:47	lb135445

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc. **SDG No.:** Q1782
Contract: LOCK01 **Lab Code:** CHEM **Case No.:** Q1782 **SAS No.:** Q1782

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB07	Beryllium	6.00	+/-6.00	U	6.00	P	04/15/2025	21:47	lb135445
	Cadmium	6.00	+/-6.00	U	6.00	P	04/15/2025	21:47	lb135445
	Chromium	10.0	+/-10.0	U	10.0	P	04/15/2025	21:47	lb135445
	Cobalt	30.0	+/-30.0	U	30.0	P	04/15/2025	21:47	lb135445
	Copper	20.0	+/-20.0	U	20.0	P	04/15/2025	21:47	lb135445
	Iron	100	+/-100	U	100	P	04/15/2025	21:47	lb135445
	Lead	12.0	+/-12.0	U	12.0	P	04/15/2025	21:47	lb135445
	Manganese	20.0	+/-20.0	U	20.0	P	04/15/2025	21:47	lb135445
	Nickel	40.0	+/-40.0	U	40.0	P	04/15/2025	21:47	lb135445
	Potassium	2000	+/-2000	U	2000	P	04/15/2025	21:47	lb135445
	Selenium	20.0	+/-20.0	U	20.0	P	04/15/2025	21:47	lb135445
	Silver	10.0	+/-10.0	U	10.0	P	04/15/2025	21:47	lb135445
	Sodium	2000	+/-2000	U	2000	P	04/15/2025	21:47	lb135445
	Thallium	40.0	+/-40.0	U	40.0	P	04/15/2025	21:47	lb135445
	Vanadium	40.0	+/-40.0	U	40.0	P	04/15/2025	21:47	lb135445
	Zinc	40.0	+/-40.0	U	40.0	P	04/15/2025	21:47	lb135445
CCB08	Antimony	50.0	+/-50.0	U	50.0	P	04/15/2025	22:29	lb135445
	Arsenic	20.0	+/-20.0	U	20.0	P	04/15/2025	22:29	lb135445
	Barium	100	+/-100	U	100	P	04/15/2025	22:29	lb135445
	Beryllium	6.00	+/-6.00	U	6.00	P	04/15/2025	22:29	lb135445
	Cadmium	6.00	+/-6.00	U	6.00	P	04/15/2025	22:29	lb135445
	Chromium	10.0	+/-10.0	U	10.0	P	04/15/2025	22:29	lb135445
	Cobalt	30.0	+/-30.0	U	30.0	P	04/15/2025	22:29	lb135445
	Copper	20.0	+/-20.0	U	20.0	P	04/15/2025	22:29	lb135445
	Iron	100	+/-100	U	100	P	04/15/2025	22:29	lb135445
	Lead	12.0	+/-12.0	U	12.0	P	04/15/2025	22:29	lb135445
	Manganese	20.0	+/-20.0	U	20.0	P	04/15/2025	22:29	lb135445
	Nickel	40.0	+/-40.0	U	40.0	P	04/15/2025	22:29	lb135445
	Potassium	2000	+/-2000	U	2000	P	04/15/2025	22:29	lb135445
	Selenium	20.0	+/-20.0	U	20.0	P	04/15/2025	22:29	lb135445
	Silver	10.0	+/-10.0	U	10.0	P	04/15/2025	22:29	lb135445
	Sodium	2000	+/-2000	U	2000	P	04/15/2025	22:29	lb135445
	Thallium	40.0	+/-40.0	U	40.0	P	04/15/2025	22:29	lb135445
	Vanadium	40.0	+/-40.0	U	40.0	P	04/15/2025	22:29	lb135445
	Zinc	40.0	+/-40.0	U	40.0	P	04/15/2025	22:29	lb135445

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q1782

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167583BL	WATER			Batch Number:	PB167583		Prep Date:	04/14/2025	
	Antimony	25.0	<25.0	U	25.0	P	04/15/2025	19:33	lb135445
	Arsenic	10.0	<10.0	U	10.0	P	04/15/2025	19:33	lb135445
	Barium	50.0	<50.0	U	50.0	P	04/15/2025	19:33	lb135445
	Beryllium	3.00	<3.00	U	3.00	P	04/15/2025	19:33	lb135445
	Cadmium	3.00	<3.00	U	3.00	P	04/15/2025	19:33	lb135445
	Chromium	5.00	<5.00	U	5.00	P	04/15/2025	19:33	lb135445
	Cobalt	15.0	<15.0	U	15.0	P	04/15/2025	19:33	lb135445
	Copper	10.0	<10.0	U	10.0	P	04/15/2025	19:33	lb135445
	Iron	50.0	<50.0	U	50.0	P	04/15/2025	19:33	lb135445
	Lead	6.00	<6.00	U	6.00	P	04/15/2025	19:33	lb135445
	Manganese	10.0	<10.0	U	10.0	P	04/15/2025	19:33	lb135445
	Nickel	20.0	<20.0	U	20.0	P	04/15/2025	19:33	lb135445
	Potassium	1000	<1000	U	1000	P	04/15/2025	19:33	lb135445
	Selenium	10.0	<10.0	U	10.0	P	04/15/2025	19:33	lb135445
	Silver	5.00	<5.00	U	5.00	P	04/15/2025	19:33	lb135445
	Sodium	1000	<1000	U	1000	P	04/15/2025	19:33	lb135445
	Thallium	20.0	<20.0	U	20.0	P	04/15/2025	19:33	lb135445
	Vanadium	20.0	<20.0	U	20.0	P	04/15/2025	19:33	lb135445
	Zinc	20.0	<20.0	U	20.0	P	04/15/2025	19:33	lb135445

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Lockwood, Kessler & Bartlett, Inc. **SDG No.:** Q1782
Contract: LOCK01 **Lab Code:** CHEM **Case No.:** Q1782 **SAS No.:** Q1782
ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Antimony	11.2			-50	50	04/15/2025	16:09	lb135445
	Arsenic	1.49			-20	20	04/15/2025	16:09	lb135445
	Barium	32.8	6.0	547	-94	106	04/15/2025	16:09	lb135445
	Beryllium	1.40			-6	6	04/15/2025	16:09	lb135445
	Cadmium	4.88	1.0	488	-5	7	04/15/2025	16:09	lb135445
	Chromium	57.8	52.0	111	42	62	04/15/2025	16:09	lb135445
	Cobalt	9.75			-30	30	04/15/2025	16:09	lb135445
	Copper	15.2	2.0	760	-18	22	04/15/2025	16:09	lb135445
	Iron	96800	101000	96	85600	116500	04/15/2025	16:09	lb135445
	Lead	11.2			-12	12	04/15/2025	16:09	lb135445
	Manganese	15.7	7.0	224	-13	27	04/15/2025	16:09	lb135445
	Nickel	9.59	2.0	480	-38	42	04/15/2025	16:09	lb135445
	Potassium	172			0	0	04/15/2025	16:09	lb135445
	Selenium	10.3			-20	20	04/15/2025	16:09	lb135445
	Silver	-2.32			-10	10	04/15/2025	16:09	lb135445
	Sodium	96.5			0	0	04/15/2025	16:09	lb135445
	Thallium	25.3			-40	40	04/15/2025	16:09	lb135445
	Vanadium	10.1			-40	40	04/15/2025	16:09	lb135445
	Zinc	11.8			-40	40	04/15/2025	16:09	lb135445
ICSAB01	Antimony	643	618	104	525	711	04/15/2025	16:13	lb135445
	Arsenic	96.5	104	93	88.4	120	04/15/2025	16:13	lb135445
	Barium	467	537	87	437	637	04/15/2025	16:13	lb135445
	Beryllium	490	495	99	420	570	04/15/2025	16:13	lb135445
	Cadmium	1020	972	105	826	1120	04/15/2025	16:13	lb135445
	Chromium	561	542	104	460	624	04/15/2025	16:13	lb135445
	Cobalt	497	476	104	404	548	04/15/2025	16:13	lb135445
	Copper	498	511	98	434	588	04/15/2025	16:13	lb135445
	Iron	94700	99300	95	84400	114500	04/15/2025	16:13	lb135445
	Lead	41.0	49.0	84	37	61	04/15/2025	16:13	lb135445
	Manganese	471	507	93	430	584	04/15/2025	16:13	lb135445
	Nickel	980	954	103	810	1100	04/15/2025	16:13	lb135445
	Potassium	53.4			0	0	04/15/2025	16:13	lb135445
	Selenium	49.4	46.0	107	26	66	04/15/2025	16:13	lb135445
	Silver	177	201	88	170	232	04/15/2025	16:13	lb135445
	Sodium	-14.9			0	0	04/15/2025	16:13	lb135445
	Thallium	101	108	94	68	148	04/15/2025	16:13	lb135445
	Vanadium	467	491	95	417	565	04/15/2025	16:13	lb135445
	Zinc	1040	952	109	809	1095	04/15/2025	16:13	lb135445



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Lockwood, Kessler & Bartlett, Inc. **level:** low **sdg no.:** Q1782
contract: LOCK01 **lab code:** CHEM **case no.:** Q1782 **sas no.:** Q1782
matrix: Water **sample id:** Q1782-07 **client id:** MW-4MS
Percent Solids for Sample: NA **Spiked ID:** Q1782-07MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	ug/L	75 - 125	350		25.0	U	400	88		P
Arsenic	ug/L	75 - 125	347		10.0	U	400	87		P
Barium	ug/L	75 - 125	191		113		100	78		P
Beryllium	ug/L	75 - 125	77.8		3.00	U	100	78		P
Cadmium	ug/L	75 - 125	84.7		3.00	U	100	85		P
Chromium	ug/L	75 - 125	163		5.00	U	200	82		P
Cobalt	ug/L	75 - 125	81.6		15.0	U	100	82		P
Copper	ug/L	75 - 125	119		10.0	U	150	79		P
Iron	ug/L	75 - 125	1330		67.2		1500	84		P
Lead	ug/L	75 - 125	404		6.00	U	500	81		P
Manganese	ug/L	75 - 125	106		98.1		100	8	N	P
Nickel	ug/L	75 - 125	204		20.0	U	250	82		P
Potassium	ug/L	75 - 125	16400		12200		5000	85		P
Selenium	ug/L	75 - 125	832		10.0	U	1000	83		P
Silver	ug/L	75 - 125	31.2		5.00	U	37.5	83		P
Sodium	ug/L	75 - 125	198000		202000		1500	-221		P
Thallium	ug/L	75 - 125	780		20.0	U	1000	78		P
Vanadium	ug/L	75 - 125	119		20.0	U	150	79		P
Zinc	ug/L	75 - 125	93.8		9.56	J	100	84		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Lockwood, Kessler & Bartlett, Inc. **level:** low **sdg no.:** Q1782
contract: LOCK01 **lab code:** CHEM **case no.:** Q1782 **sas no.:** Q1782
matrix: Water **sample id:** Q1782-07 **client id:** MW-4MSD
Percent Solids for Sample: NA **Spiked ID:** Q1782-07MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	ug/L	75 - 125	377		25.0	U	400	94		P
Arsenic	ug/L	75 - 125	350		10.0	U	400	88		P
Barium	ug/L	75 - 125	195		113		100	82		P
Beryllium	ug/L	75 - 125	80.8		3.00	U	100	81		P
Cadmium	ug/L	75 - 125	84.8		3.00	U	100	85		P
Chromium	ug/L	75 - 125	166		5.00	U	200	83		P
Cobalt	ug/L	75 - 125	82.0		15.0	U	100	82		P
Copper	ug/L	75 - 125	120		10.0	U	150	80		P
Iron	ug/L	75 - 125	1460		67.2		1500	93		P
Lead	ug/L	75 - 125	404		6.00	U	500	81		P
Manganese	ug/L	75 - 125	112		98.1		100	14	N	P
Nickel	ug/L	75 - 125	204		20.0	U	250	82		P
Potassium	ug/L	75 - 125	16600		12200		5000	89		P
Selenium	ug/L	75 - 125	836		10.0	U	1000	84		P
Silver	ug/L	75 - 125	31.9		5.00	U	37.5	85		P
Sodium	ug/L	75 - 125	201000		202000		1500	-25		P
Thallium	ug/L	75 - 125	776		20.0	U	1000	78		P
Vanadium	ug/L	75 - 125	121		20.0	U	150	81		P
Zinc	ug/L	75 - 125	96.0		9.56	J	100	86		P

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc. **SDG No.:** Q1782
Contract: LOCK01 **Lab Code:** CHEM **Case No.:** Q1782 **SAS No.:** Q1782
Matrix: Water **Level:** LOW **Client ID:** MW-4A
Sample ID: Q1782-07 **Spiked ID:** Q1782-07A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Manganese	ug/L	75 - 125	107		98.1		100	9		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc. **Level:** LOW **SDG No.:** Q1782
Contract: LOCK01 **Lab Code:** CHEM **Case No.:** Q1782 **SAS No.:** Q1782
Matrix: Water **Sample ID:** Q1782-07 **Client ID:** MW-4DUP
Percent Solids for Sample: NA **Duplicate ID** Q1782-07DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Antimony	ug/L	20	25.0	U	25.0	U			P
Arsenic	ug/L	20	10.0	U	10.0	U			P
Barium	ug/L	20	113		114		1		P
Beryllium	ug/L	20	3.00	U	3.00	U			P
Cadmium	ug/L	20	3.00	U	3.00	U			P
Chromium	ug/L	20	5.00	U	5.00	U			P
Cobalt	ug/L	20	15.0	U	15.0	U			P
Copper	ug/L	20	10.0	U	10.0	U			P
Iron	ug/L	20	67.2		66.4		1		P
Lead	ug/L	20	6.00	U	6.00	U			P
Manganese	ug/L	20	98.1		28.2		111	*	P
Nickel	ug/L	20	20.0	U	20.0	U			P
Potassium	ug/L	20	12200		12400		2		P
Selenium	ug/L	20	10.0	U	10.0	U			P
Silver	ug/L	20	5.00	U	5.00	U			P
Sodium	ug/L	20	202000		204000		1		P
Thallium	ug/L	20	20.0	U	20.0	U			P
Vanadium	ug/L	20	20.0	U	20.0	U			P
Zinc	ug/L	20	9.56	J	9.63	J	1		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc. **Level:** LOW **SDG No.:** Q1782
Contract: LOCK01 **Lab Code:** CHEM **Case No.:** Q1782 **SAS No.:** Q1782
Matrix: Water **Sample ID:** Q1782-07MS **Client ID:** MW-4MSD
Percent Solids for Sample: NA **Duplicate ID** Q1782-07MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Antimony	ug/L	20	350		377		7		P
Arsenic	ug/L	20	347		350		1		P
Barium	ug/L	20	191		195		2		P
Beryllium	ug/L	20	77.8		80.8		4		P
Cadmium	ug/L	20	84.7		84.8		0		P
Chromium	ug/L	20	163		166		2		P
Cobalt	ug/L	20	81.6		82.0		0		P
Copper	ug/L	20	119		120		1		P
Iron	ug/L	20	1330		1460		9		P
Lead	ug/L	20	404		404		0		P
Manganese	ug/L	20	106		112		6		P
Nickel	ug/L	20	204		204		0		P
Potassium	ug/L	20	16400		16600		1		P
Selenium	ug/L	20	832		836		0		P
Silver	ug/L	20	31.2		31.9		2		P
Sodium	ug/L	20	198000		201000		2		P
Thallium	ug/L	20	780		776		1		P
Vanadium	ug/L	20	119		121		2		P
Zinc	ug/L	20	93.8		96.0		2		P

Metals

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc. **SDG No.:** Q1782
Contract: LOCK01 **Lab Code:** CHEM **Case No.:** Q1782 **SAS No.:** Q1782

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167583BS							
Antimony	ug/L	400	388		97	80 - 120	P
Arsenic	ug/L	400	375		94	80 - 120	P
Barium	ug/L	100	87.9		88	80 - 120	P
Beryllium	ug/L	100	91.5		92	80 - 120	P
Cadmium	ug/L	100	90.7		91	80 - 120	P
Chromium	ug/L	200	183		92	80 - 120	P
Cobalt	ug/L	100	87.4		87	80 - 120	P
Copper	ug/L	150	140		93	80 - 120	P
Iron	ug/L	1500	1360		91	80 - 120	P
Lead	ug/L	500	453		91	80 - 120	P
Manganese	ug/L	100	90.0		90	80 - 120	P
Nickel	ug/L	250	221		88	80 - 120	P
Potassium	ug/L	5000	4370		87	80 - 120	P
Selenium	ug/L	1000	966		97	80 - 120	P
Silver	ug/L	37.5	34.3		92	80 - 120	P
Sodium	ug/L	1500	1270		85	80 - 120	P
Thallium	ug/L	1000	953		95	80 - 120	P
Vanadium	ug/L	150	132		88	80 - 120	P
Zinc	ug/L	100	94.0		94	80 - 120	P

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

MW-4L

Lab Name: Chemtech Consulting Group

Contract: LOCK01

Lab Code: CHEM **Lb No.:** lb135445 **Lab Sample ID :** Q1782-07L **SDG No.:** Q1782

Matrix (soil/water): Water **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ-ence	Q	M
		C		C			
Antimony	25.0	U	125	U			P
Arsenic	10.0	U	50.0	U			P
Barium	113		111	J	3		P
Beryllium	3.00	U	15.0	U			P
Cadmium	3.00	U	15.0	U			P
Chromium	5.00	U	25.0	U			P
Cobalt	15.0	U	75.0	U			P
Copper	10.0	U	50.0	U			P
Iron	67.2		250	U	100.0		P
Lead	6.00	U	30.0	U			P
Manganese	98.1		94.7		3		P
Nickel	20.0	U	100	U			P
Potassium	12200		11400		6		P
Selenium	10.0	U	50.0	U			P
Silver	5.00	U	25.0	U			P
Sodium	202000		196000		3		P
Thallium	20.0	U	100	U			P
Vanadium	20.0	U	100	U			P
Zinc	9.56	J	9.46	J	1		P



METAL PREPARATION & INSTRUMENT DATA

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q1782

Contract: LOCK01

Lab Code: CHEM

Case No.: Q1782

SAS No.: Q1782

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Al	Ca	Fe	Mg	Ag
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q1782

Contract: LOCK01

Lab Code: CHEM

Case No.: Q1782

SAS No.: Q1782

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		As	Ba	Be	Cd	Co
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0054900
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q1782

Contract: LOCK01

Lab Code: CHEM

Case No.: Q1782

SAS No.: Q1782

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Cr	Cu	K	Mn	Mo
Antimony	206.833	0.0122000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	-0.0000710	-0.0003400
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	-0.0007860
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0017400	-0.0100400
Vanadium	292.402	-0.0025100	0.0000000	0.0000000	0.0000000	-0.0072000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q1782

Contract: LOCK01

Lab Code: CHEM

Case No.: Q1782

SAS No.: Q1782

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Na	Ni	Pb	Sb	Se
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Lockwood, Kessler & Bartlett, Inc.

SDG No.: Q1782

Contract: LOCK01

Lab Code: CHEM

Case No.: Q1782

SAS No.: Q1782

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Sn	Ti	Tl	V	Zn
Antimony	206.833	-0.0035600	-0.0007970	0.0000000	-0.0018900	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Cobalt	228.616	0.0000000	0.0018800	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	-0.0039700	0.0000000	-0.0115600	0.0000000
Vanadium	292.402	0.0000000	0.0005320	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000



METAL PREPARATION & ANALYICAL SUMMARY

Metals

- 13 -

SAMPLE PREPARATION SUMMARY

Client: Lockwood, Kessler & Bartlett, Inc. **SDG No.:** Q1782
Contract: LOCK01 **Lab Code:** CHEM **Method:**
Case No.: Q1782 **SAS No.:** Q1782

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB167583							
PB167583BL	PB167583BL	MB	WATER	04/14/2025	50.0	25.0	
PB167583BS	PB167583BS	LCS	WATER	04/14/2025	50.0	25.0	
Q1782-01	MW-1	SAM	WATER	04/14/2025	50.0	25.0	
Q1782-02	MW-1	SAM	WATER	04/14/2025	50.0	25.0	
Q1782-03	MW-2	SAM	WATER	04/14/2025	50.0	25.0	
Q1782-04	MW-2	SAM	WATER	04/14/2025	50.0	25.0	
Q1782-05	MW-3	SAM	WATER	04/14/2025	50.0	25.0	
Q1782-06	MW-3	SAM	WATER	04/14/2025	50.0	25.0	
Q1782-07	MW-4	SAM	WATER	04/14/2025	50.0	25.0	
Q1782-07DUP	MW-4DUP	DUP	WATER	04/14/2025	50.0	25.0	
Q1782-07MS	MW-4MS	MS	WATER	04/14/2025	50.0	25.0	
Q1782-07MSD	MW-4MSD	MSD	WATER	04/14/2025	50.0	25.0	
Q1782-08	MW-4	SAM	WATER	04/14/2025	50.0	25.0	

metals
- 14 -
ANALYSIS RUN LOG

Client: Lockwood, Kessler & Bartlett, Inc.

Contract: LOCK01

Lab code: CHEM

Case no.: Q1782

Sas no.: Q1782

Sdg no.: Q1782

Instrument id number:

Method:

Run number: lb135445

Start date: 04/15/2025

End date: 04/15/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1508	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1512	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1516	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1521	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1525	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1529	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1547	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV	LLICV	1	1551	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1555	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI1	CRI1	1	1605	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1609	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1613	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1626	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1630	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1716	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1720	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1807	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1811	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1908	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1912	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB167583BL	PB167583BL	1	1933	Ag,As,Ba,Be,Cd,Co,Cr,Cu,Fe,K,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB167583BS	PB167583BS	1	1938	Ag,As,Ba,Be,Cd,Co,Cr,Cu,Fe,K,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1782-01	MW-1	1	1950	Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1782-02	MW-1	1	1954	Fe,Mn
CCV05	CCV05	1	1959	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	2003	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1782-03	MW-2	1	2007	Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1782-04	MW-2	1	2011	Fe,Mn
Q1782-05	MW-3	1	2016	Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1782-06	MW-3	1	2021	Fe,Mn
Q1782-07	MW-4	1	2025	Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1782-07DUP	MW-4DUP	1	2029	Ag,As,Ba,Be,Cd,Co,Cr,Cu,Fe,K,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1782-07L	MW-4L	5	2034	Ag,As,Ba,Be,Cd,Co,Cr,Cu,Fe,K,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1782-07MS	MW-4MS	1	2038	Ag,As,Ba,Be,Cd,Co,Cr,Cu,Fe,K,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1782-07MSD	MW-4MSD	1	2042	Ag,As,Ba,Be,Cd,Co,Cr,Cu,Fe,K,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1782-07A	MW-4A	1	2046	Mn
CCV06	CCV06	1	2051	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	2055	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1782-08	MW-4	1	2059	Fe,Mn
CCV07	CCV07	1	2143	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	2147	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn

metals
- 14 -
ANALYSIS RUN LOG

Client: Lockwood, Kessler & Bartlett, Inc.

Contract: LOCK01

Lab code: CHEM **Case no.:** Q1782 **Sas no.:** Q1782

Sdg no.: Q1782

Instrument id number: **Method:**

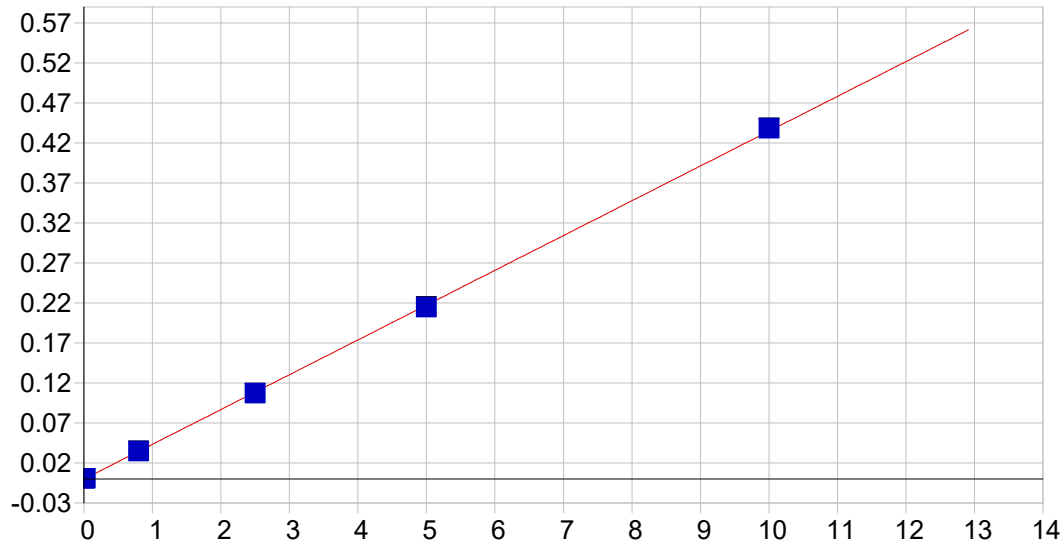
Run number: lb135445

Start date: 04/15/2025 **End date:** 04/15/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
CCV08	CCV08	1	2225	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	2229	Fe,Mn,Ag,As,Ba,Be,Cd,Co,Cr,Cu,K,Na,Ni,Pb,Sb,Se,Tl,V,Zn



METAL RAW DATA

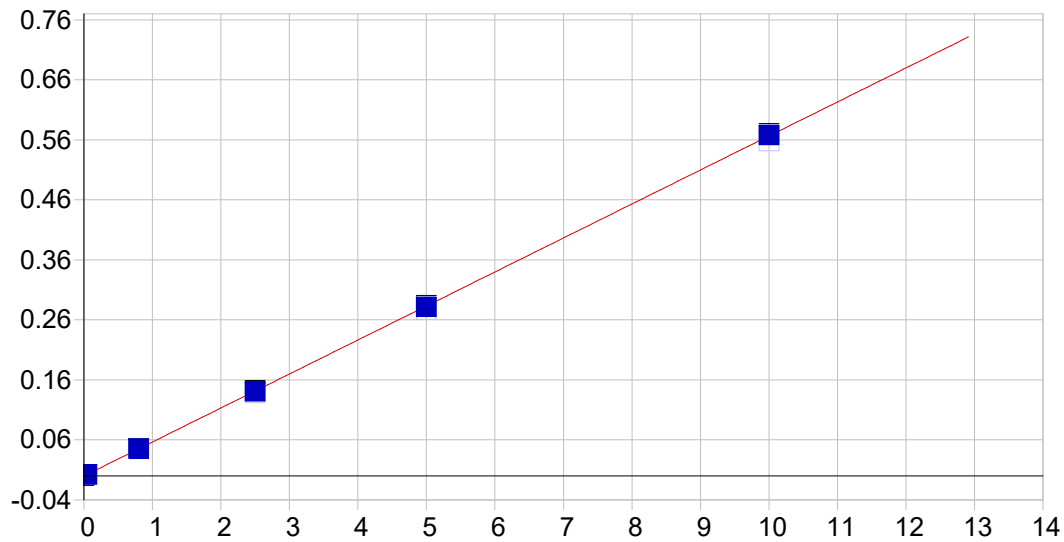


As 189.042 {479}

Date of Fit: 4/15/2025 17:32:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000170 Re-Slope: 1.000000
A1 (Gain): 0.043494 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999920 Status: OK.
Std Error of Est: 0.000013
Predicted MDL: 0.003404
Predicted MQL: 0.011345

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00017	.000	1
S1	.02000	.02429	.004	21.5	.00088	.000	1
S3	2.5000	2.4663	-.034	-1.35	.10701	.000	1
S4	5.0000	4.9380	-.062	-1.24	.21442	.001	1
S5	10.000	10.086	.086	.860	.43814	.000	1
S2	.80000	.80550	.006	.688	.03483	.000	1

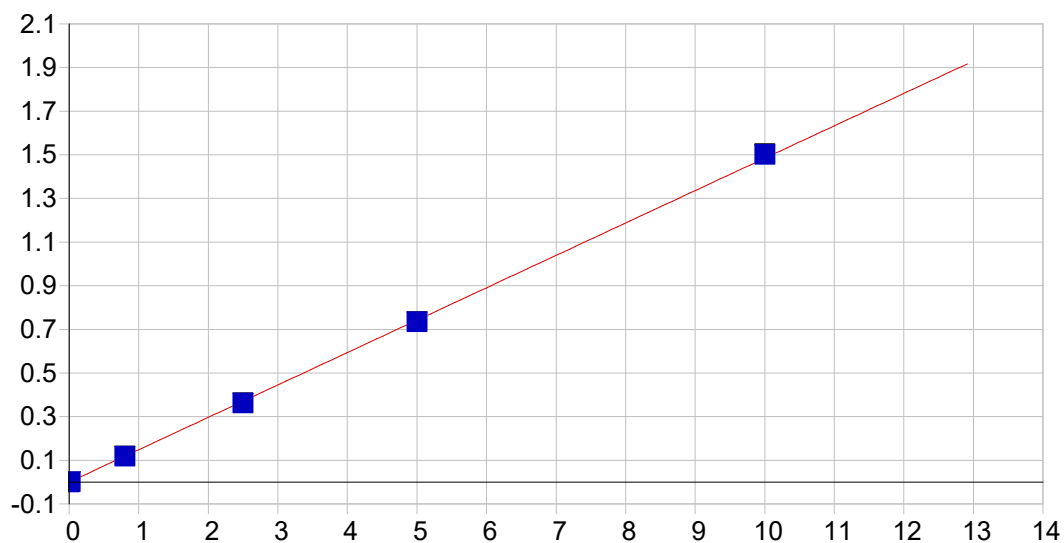


TI 190.856 {477}

Date of Fit: 4/15/2025 17:32:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000124 Re-Slope: 1.000000
A1 (Gain): 0.056658 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999982 Status: OK.
Std Error of Est: 0.000011
Predicted MDL: 0.002238
Predicted MQL: 0.007460

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00012	.000	1
S1	.04000	.04392	.004	9.80	.00222	.000	1
S3	2.5000	2.4888	-.011	-.450	.13828	.001	1
S4	5.0000	4.9755	-.025	-.490	.27656	.002	1
S5	10.000	10.029	.029	.286	.55764	.002	1
S2	.80000	.80337	.003	.421	.04456	.000	1

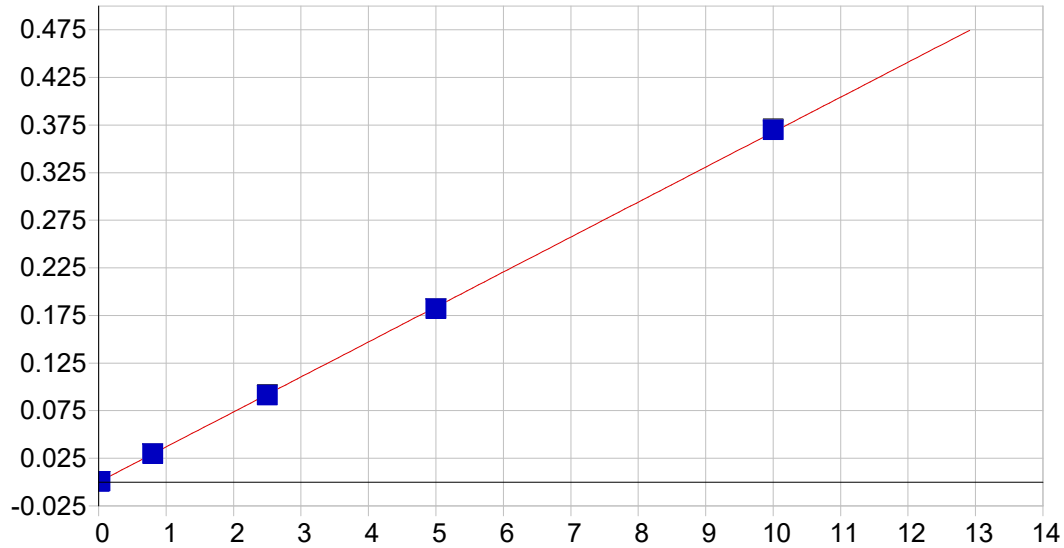


Pb 220.353 {453}

Date of Fit: 4/15/2025 17:32:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000131 Re-Slope: 1.000000
A1 (Gain): 0.148466 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999904 Status: OK.
Std Error of Est: 0.000037
Predicted MDL: 0.001984
Predicted MQL: 0.006614

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00013	.000	1
S1	.01200	.01142	-.001	-4.80	.00153	.000	1
S3	2.5000	2.4398	-.060	-2.41	.36171	.001	1
S4	5.0000	4.9469	-.053	-1.06	.73356	.001	1
S5	10.000	10.119	.119	1.19	1.5007	.002	1
S2	.80000	.79462	-.005	-.673	.11772	.000	1

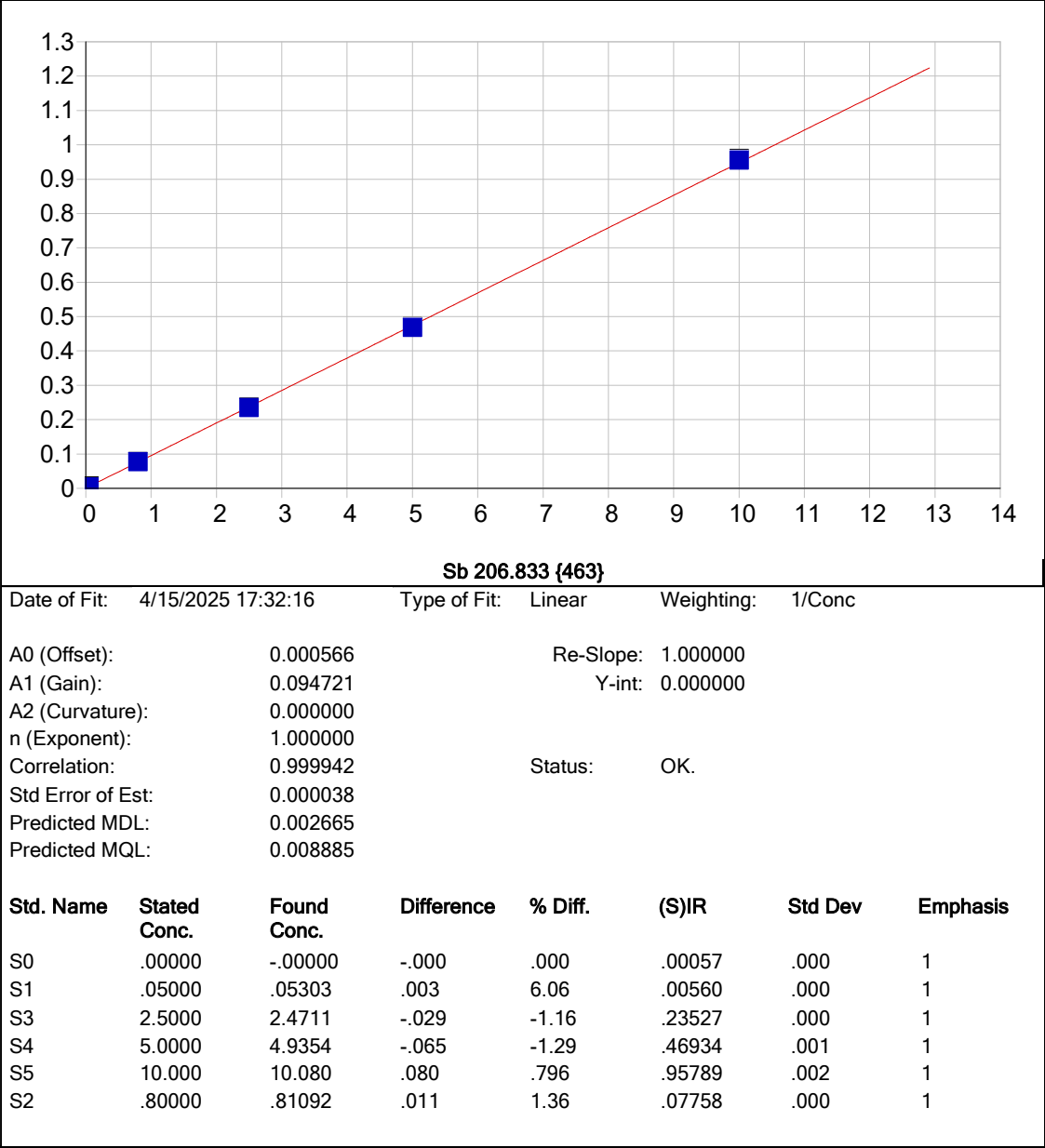


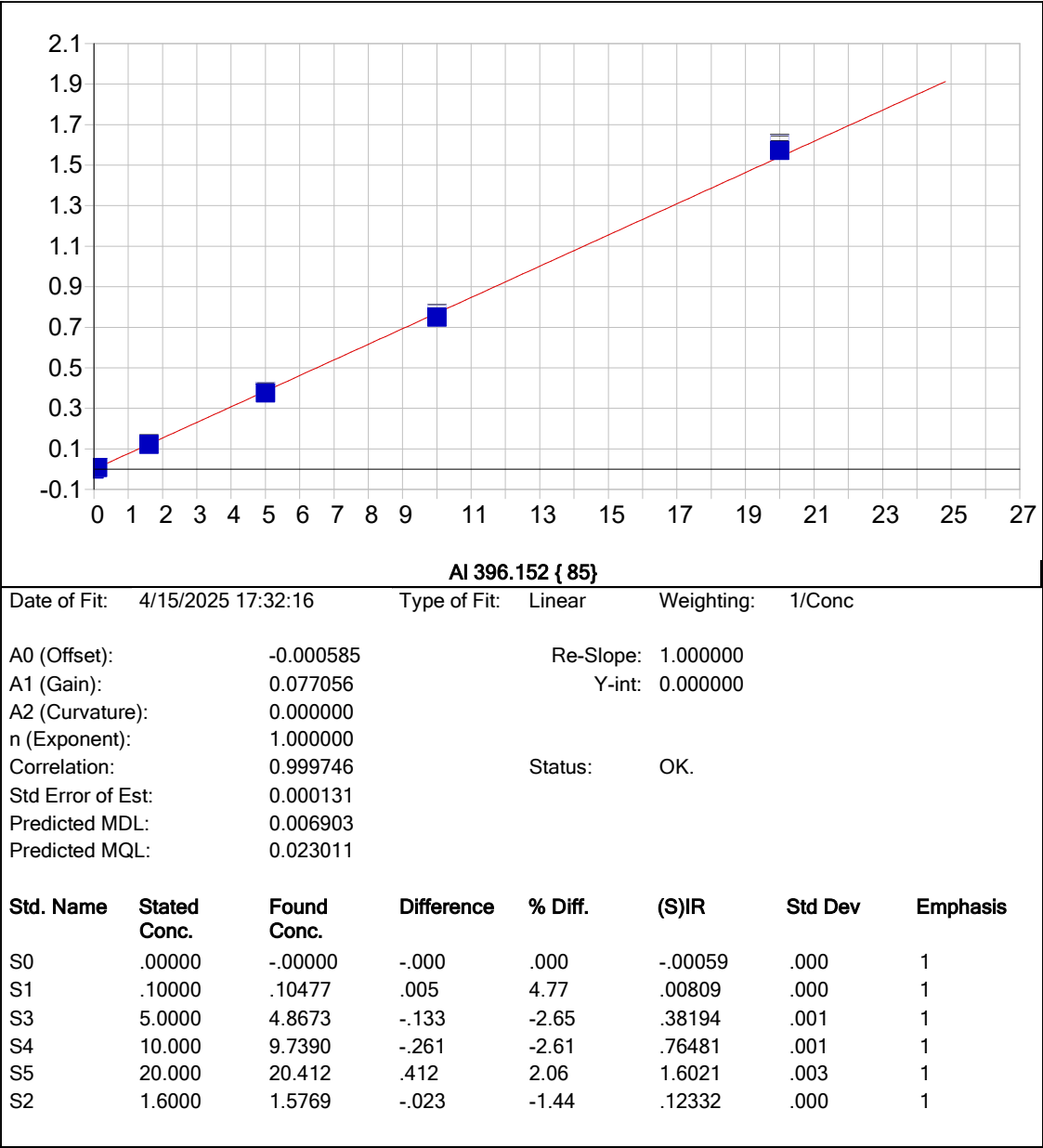
Se 196.090 {472}

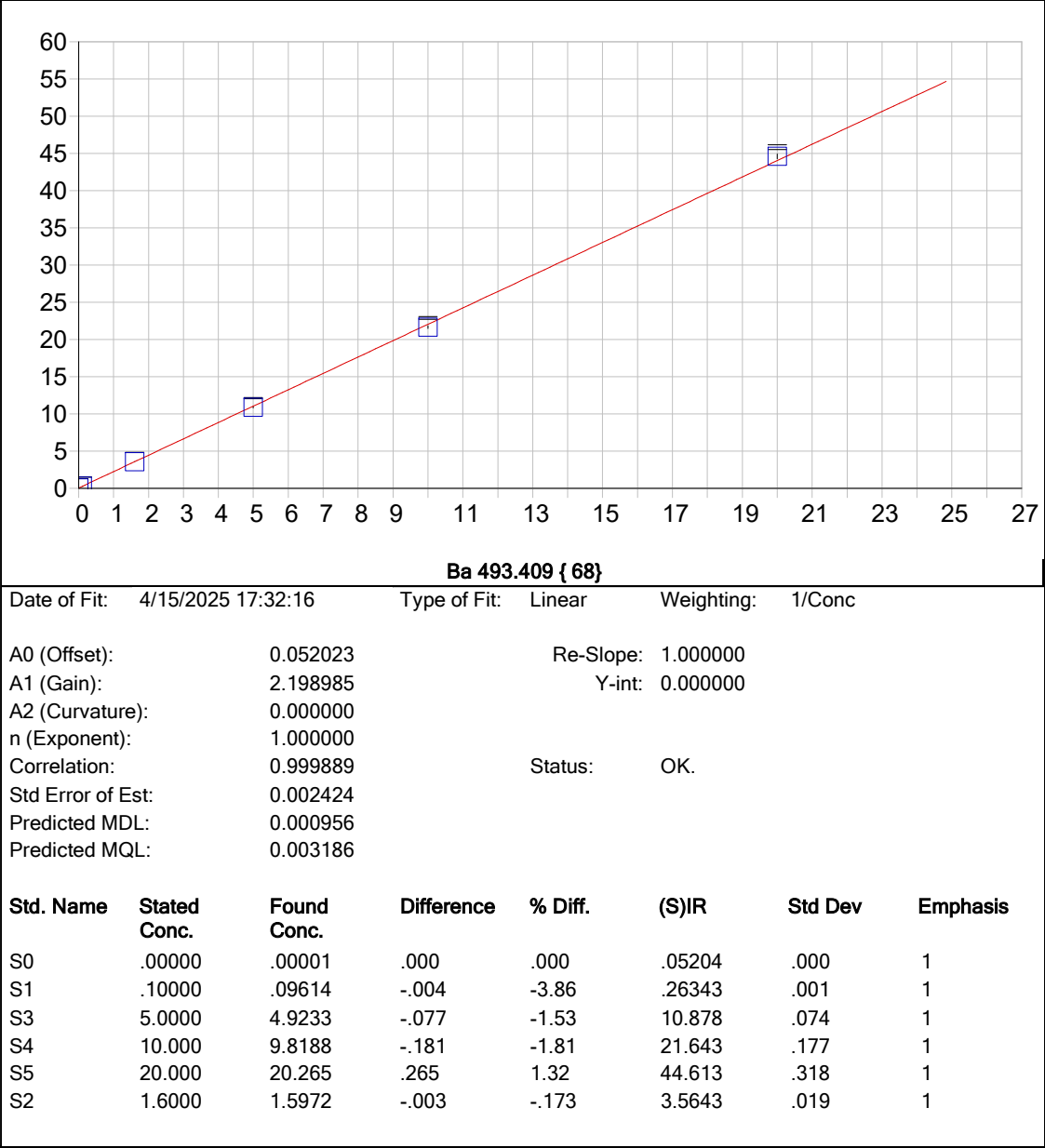
Date of Fit: 4/15/2025 17:32:16 Type of Fit: Linear Weighting: 1/Conc

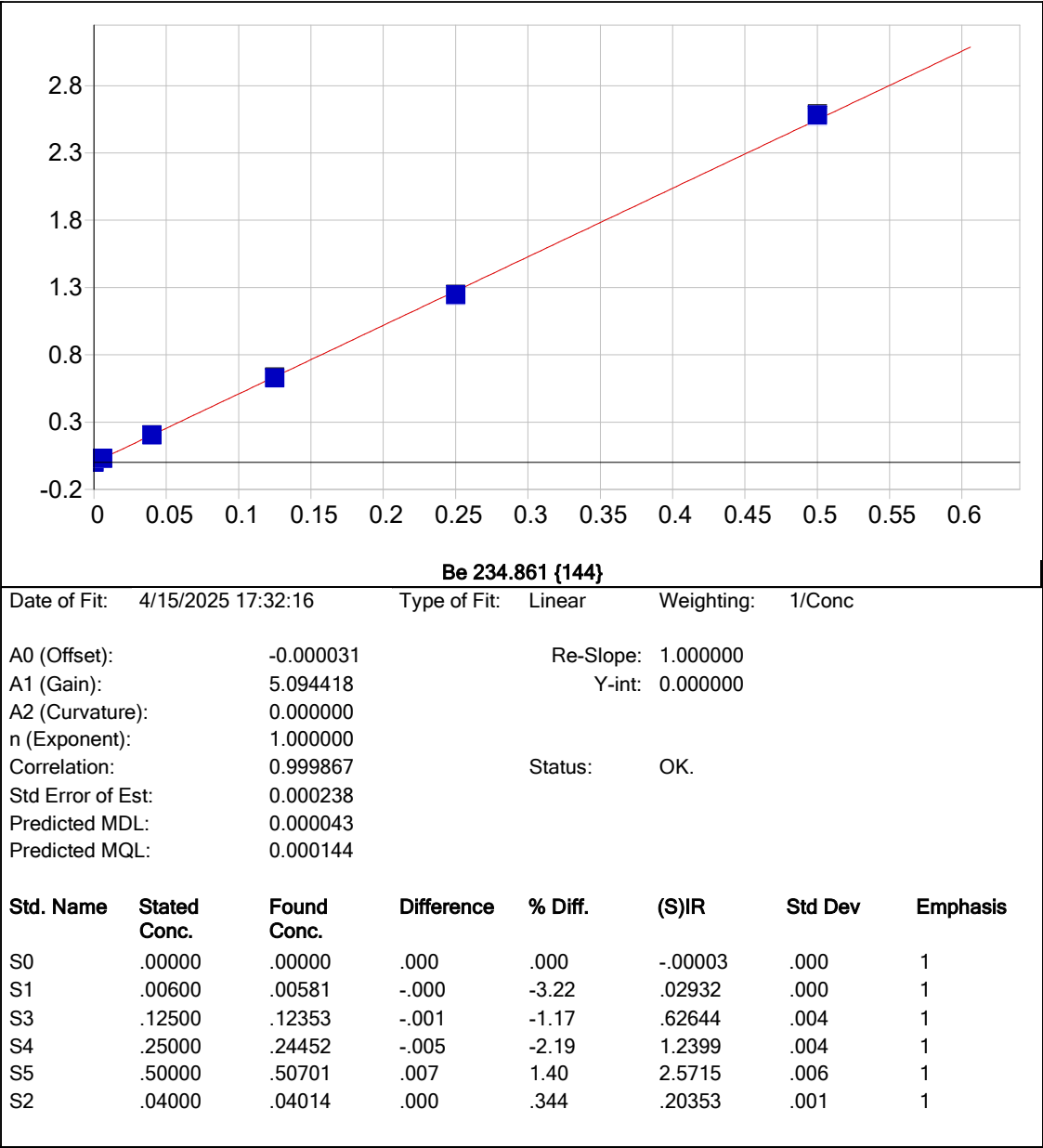
A0 (Offset): 0.000226 Re-Slope: 1.000000
A1 (Gain): 0.036734 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999965 Status: OK.
Std Error of Est: 0.000007
Predicted MDL: 0.004475
Predicted MQL: 0.014915

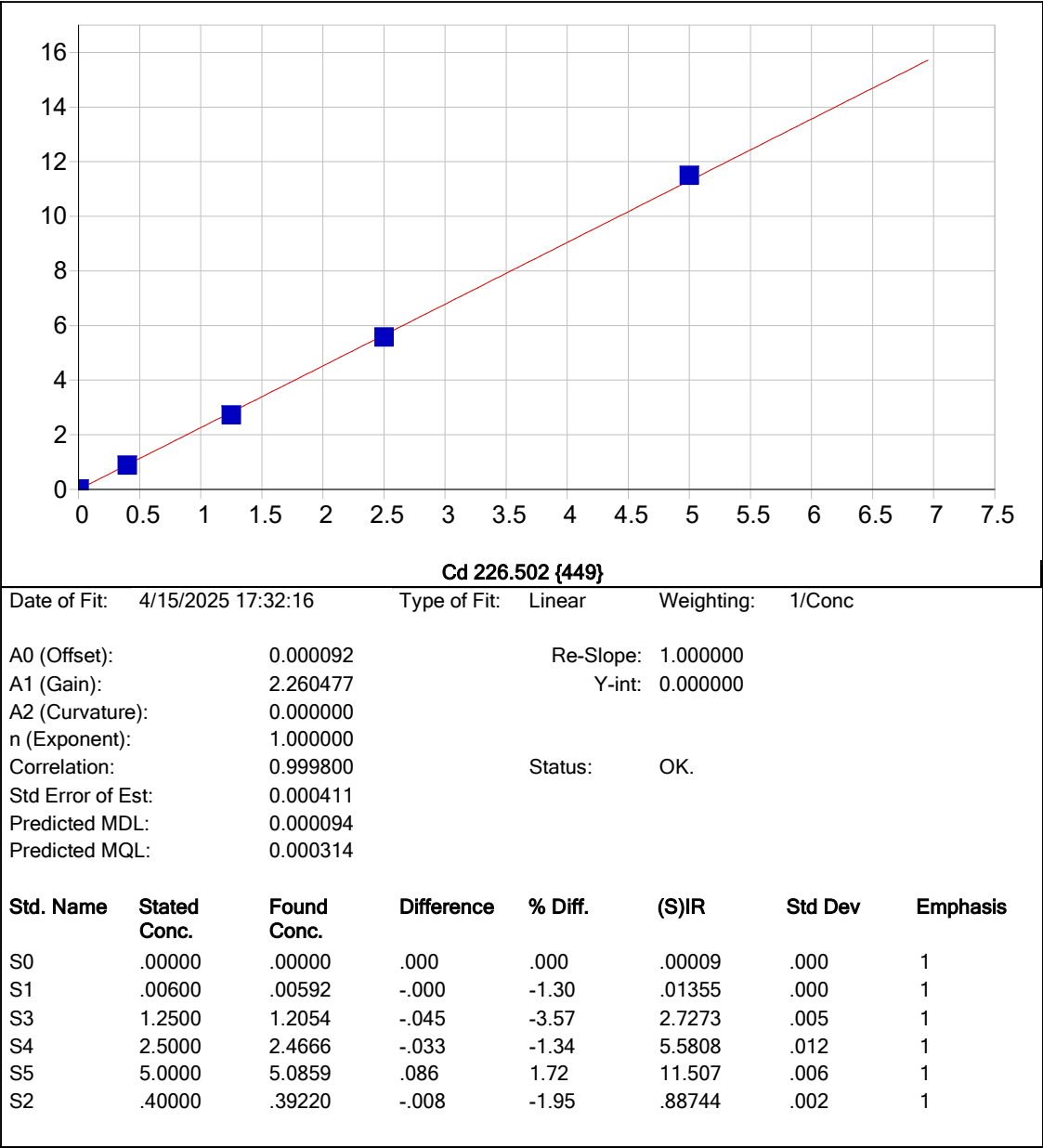
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00023	.000	1
S1	.02000	.01871	-.001	-6.45	.00091	.000	1
S3	2.5000	2.4801	-.020	-.796	.09130	.000	1
S4	5.0000	4.9487	-.051	-1.03	.18195	.000	1
S5	10.000	10.063	.063	.633	.36976	.001	1
S2	.80000	.80922	.009	1.15	.02994	.000	1

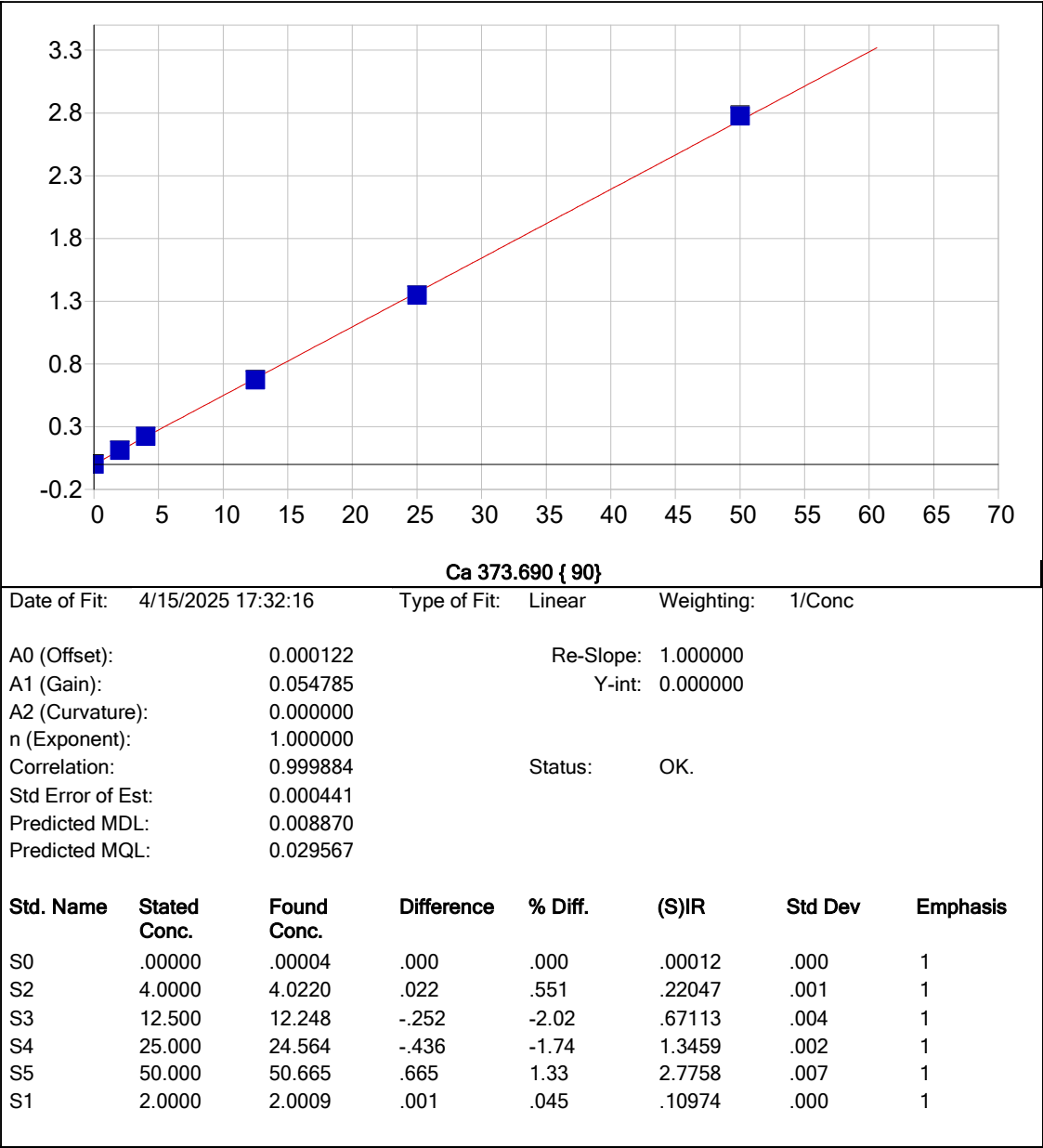


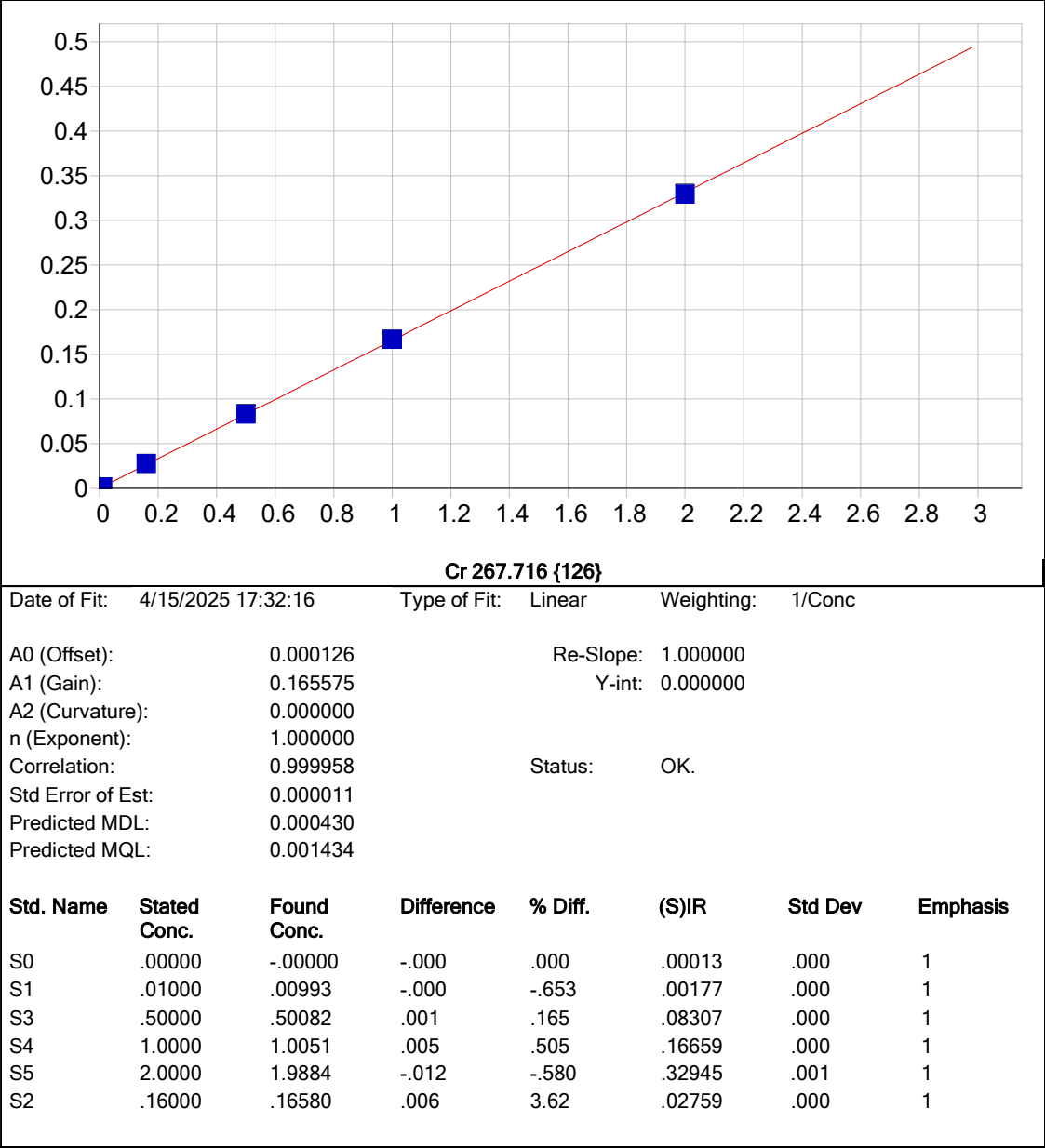


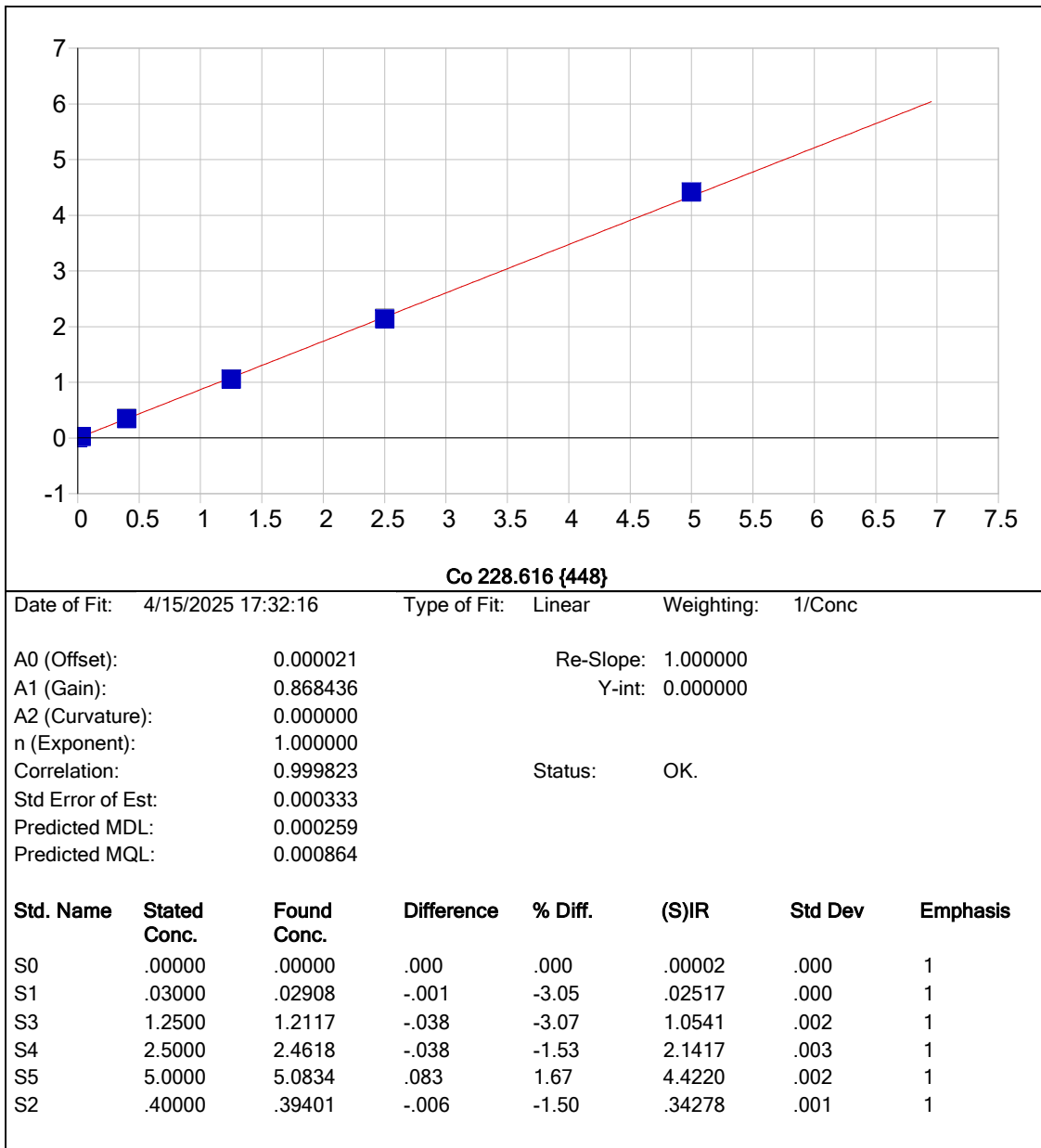


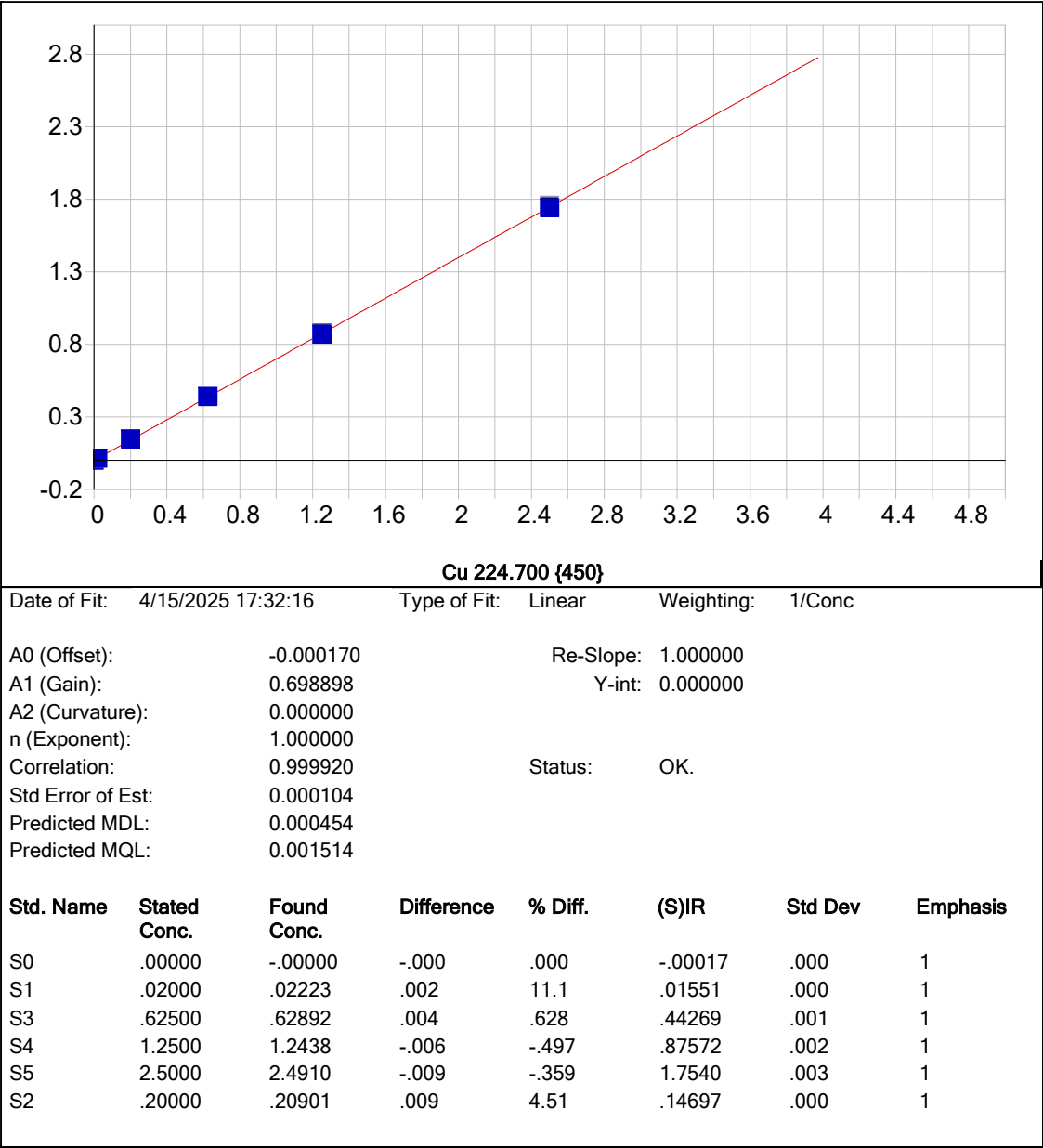


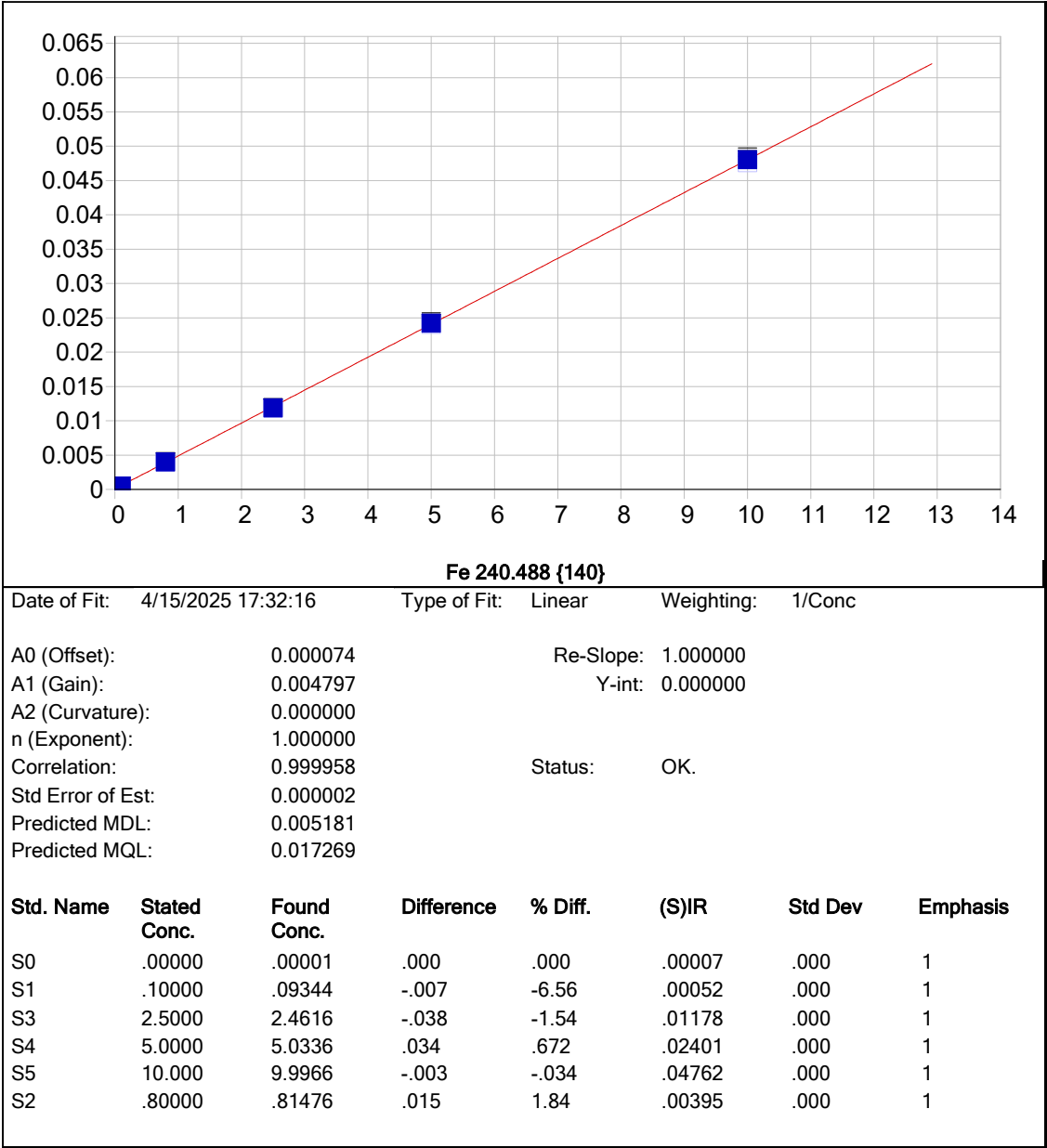


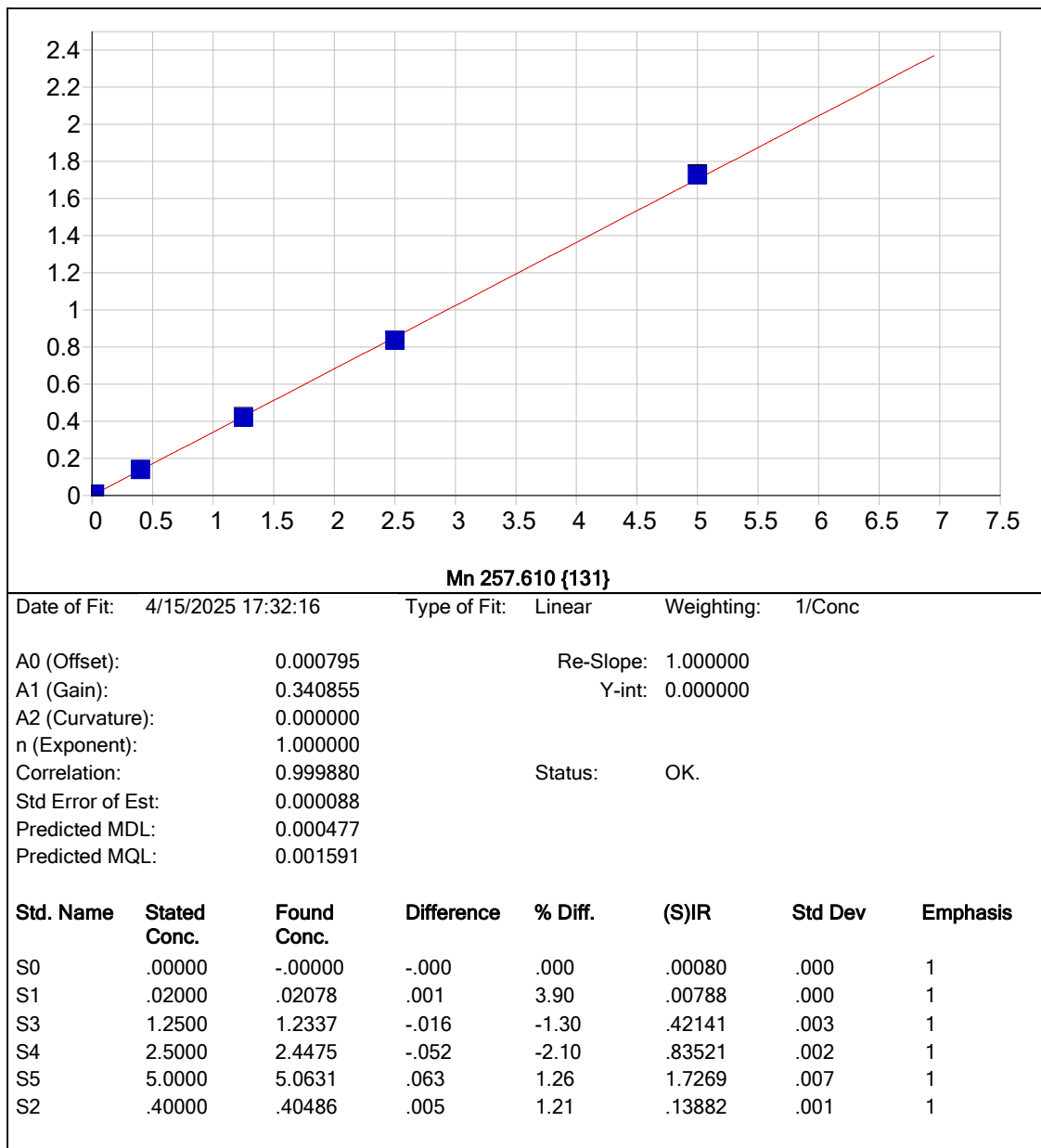


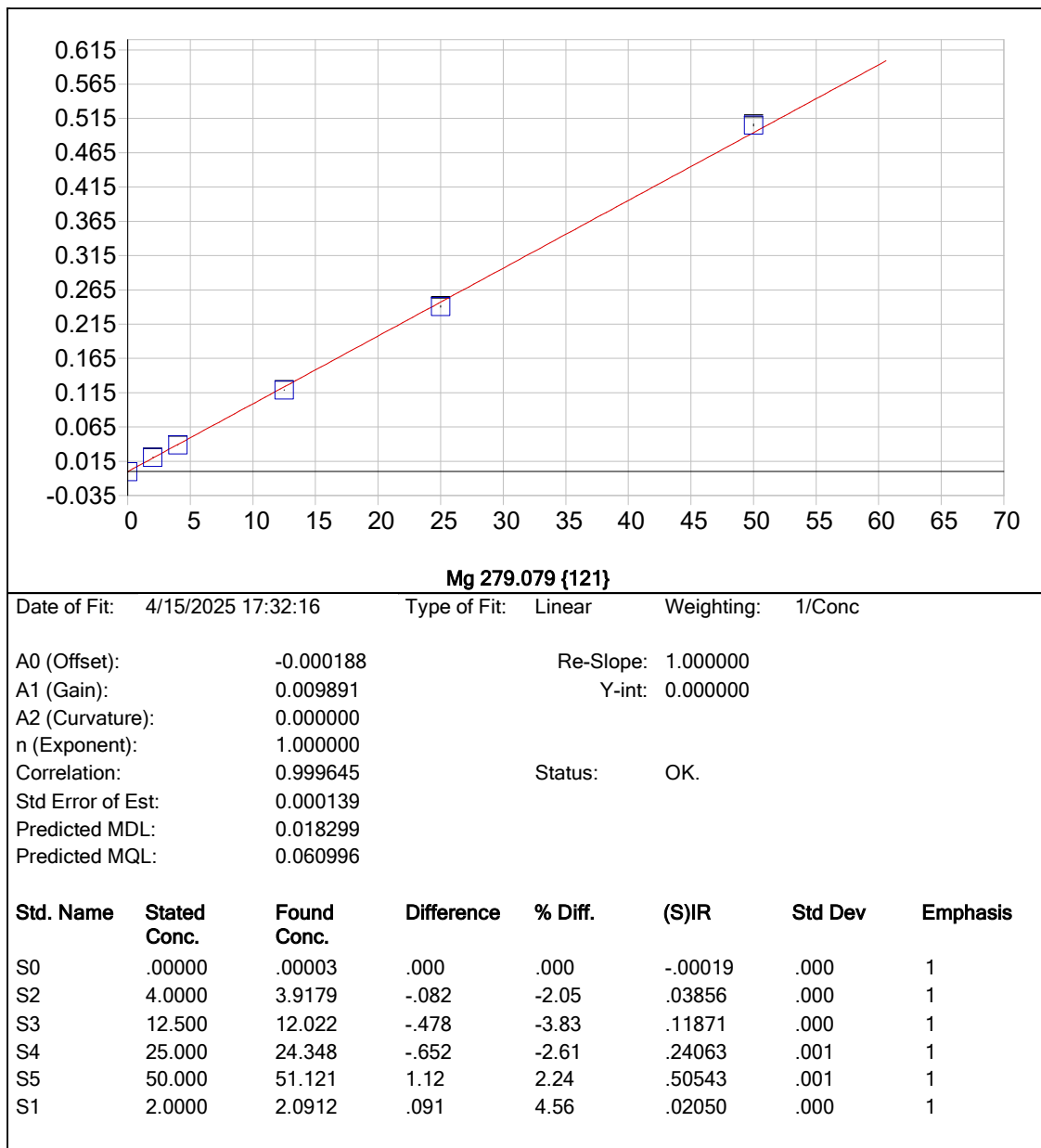


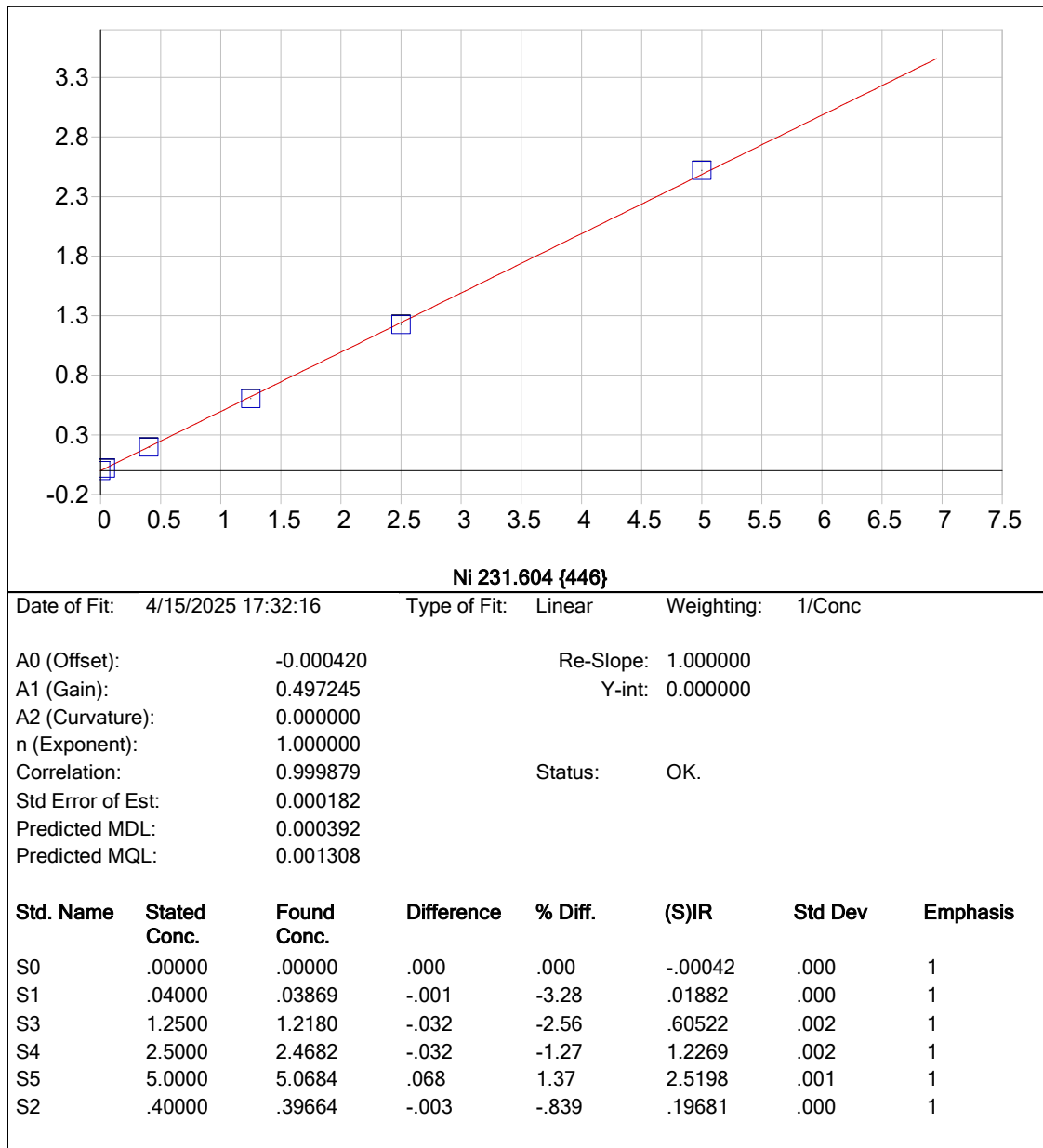


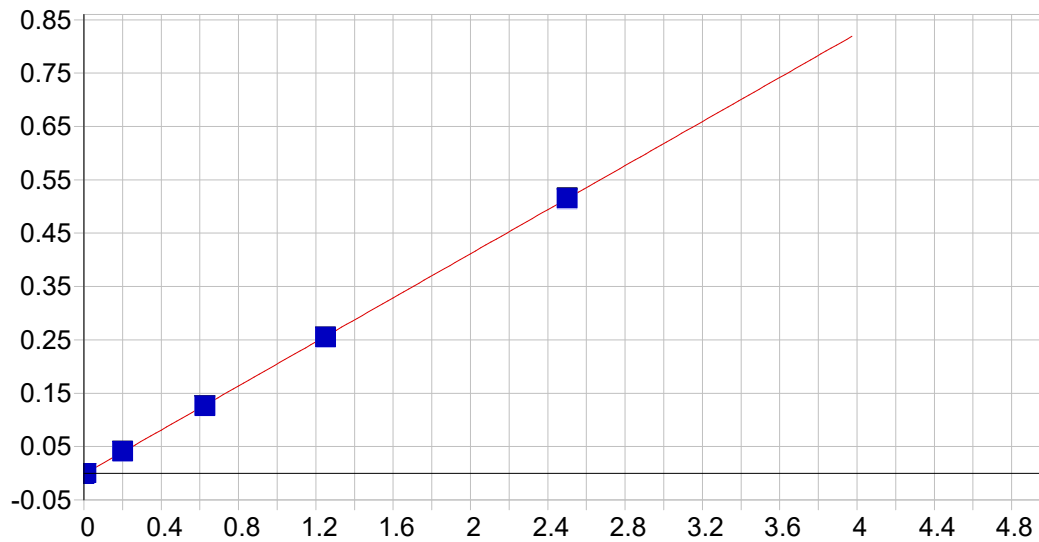










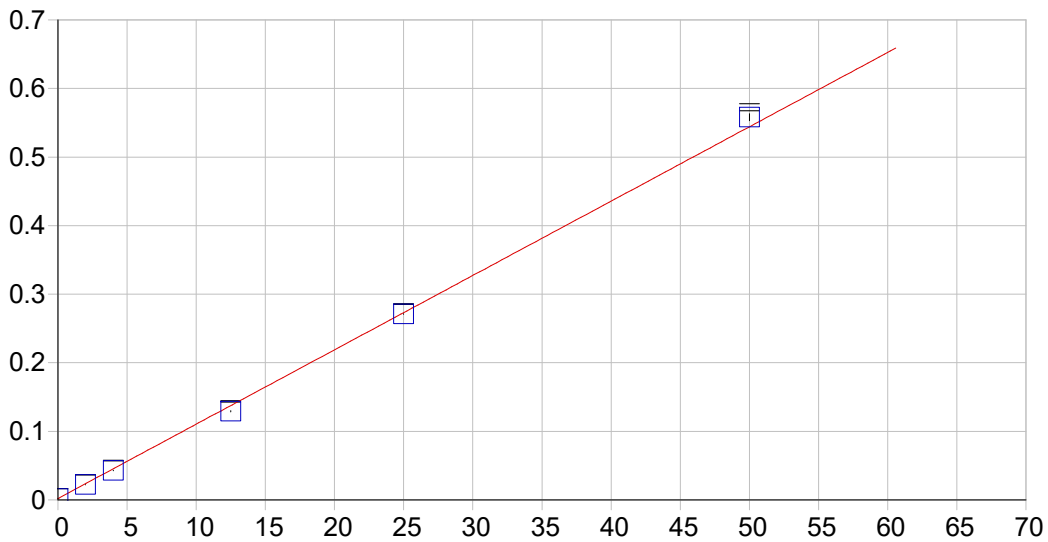


Ag 328.068 {103}

Date of Fit: 4/15/2025 17:32:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001632	Re-Slope:	1.000000
A1 (Gain):	0.206527	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999965	Status:	OK.
Std Error of Est:	0.000014		
Predicted MDL:	0.000457		
Predicted MQL:	0.001524		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00163	.000	1
S1	.01000	.01036	.000	3.55	.00049	.000	1
S3	.62500	.61984	-.005	-.825	.12587	.000	1
S4	1.2500	1.2436	-.006	-.512	.25418	.000	1
S5	2.5000	2.5045	.005	.180	.51357	.000	1
S2	.20000	.20669	.007	3.34	.04089	.000	1

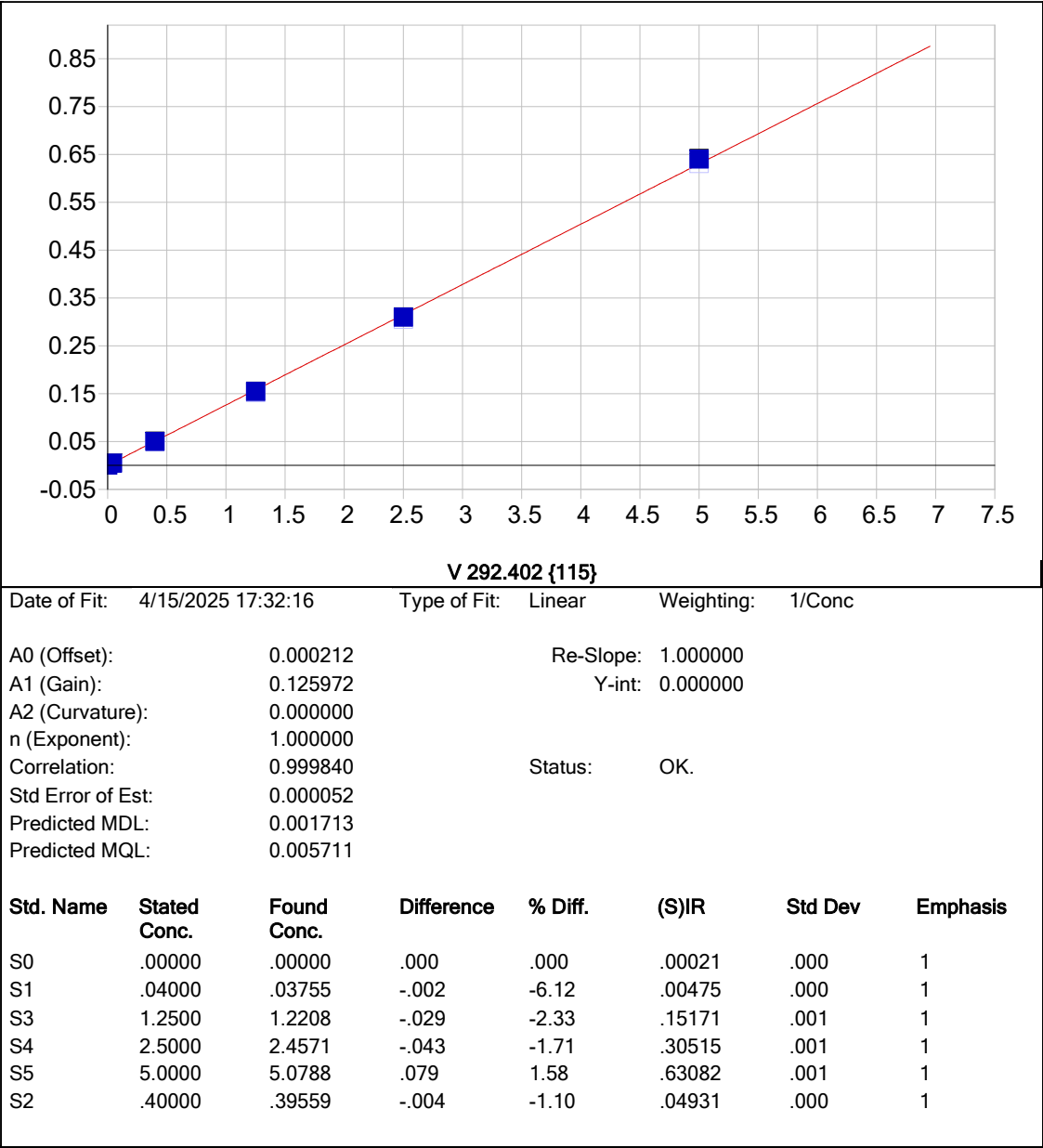


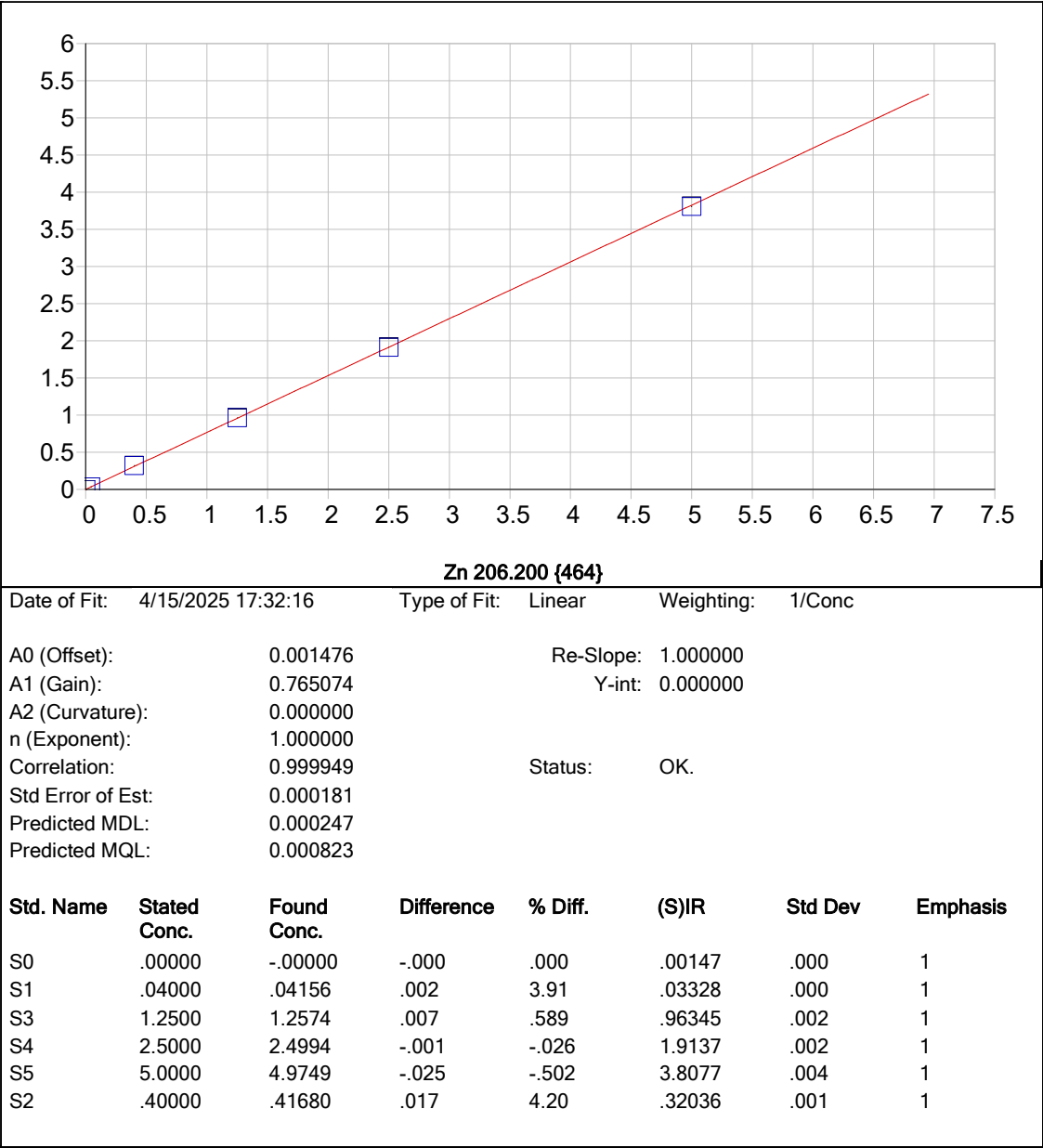
Na 589.592 { 57}

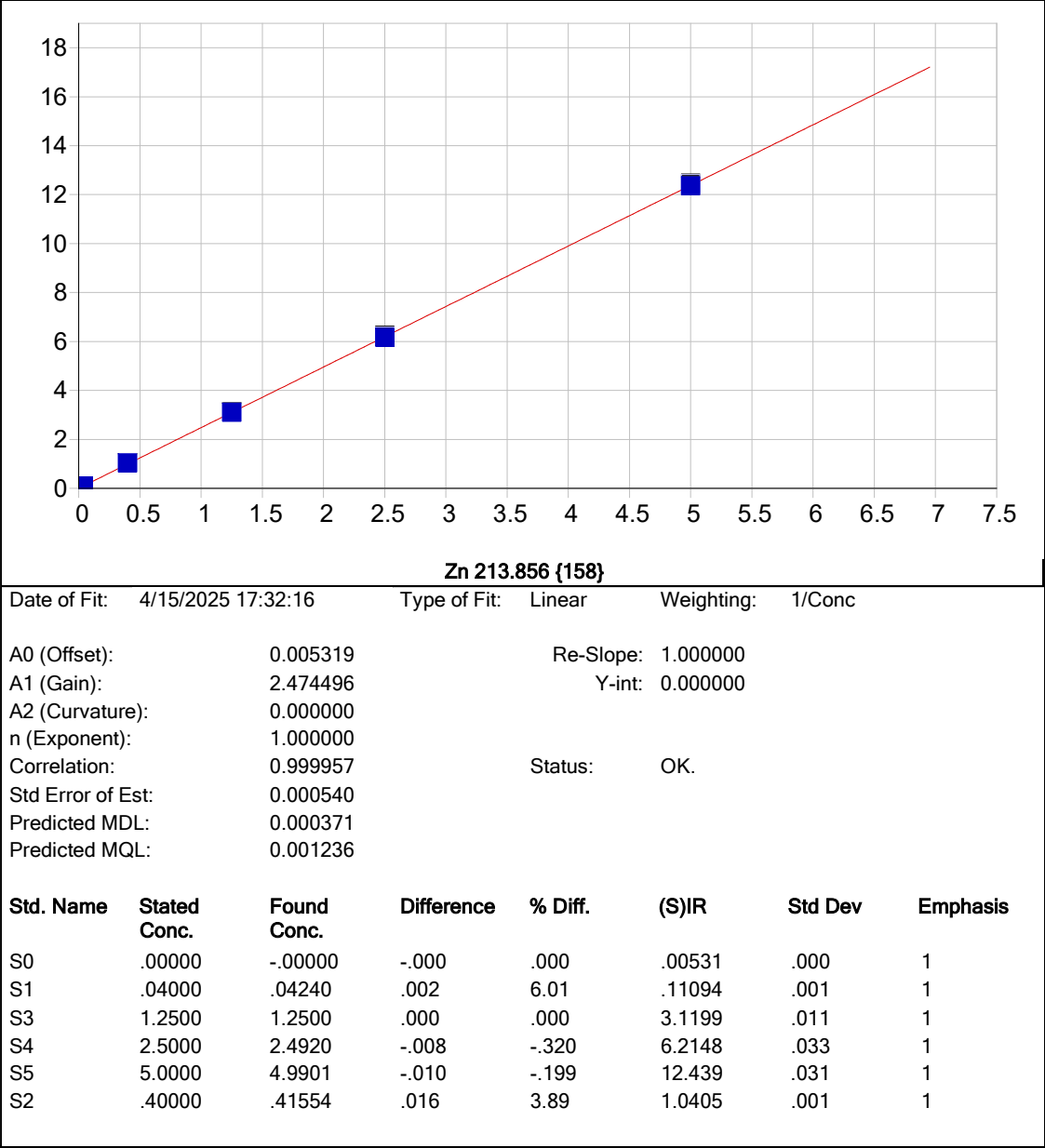
Date of Fit: 4/15/2025 17:32:16 Type of Fit: Linear Weighting: 1/Conc

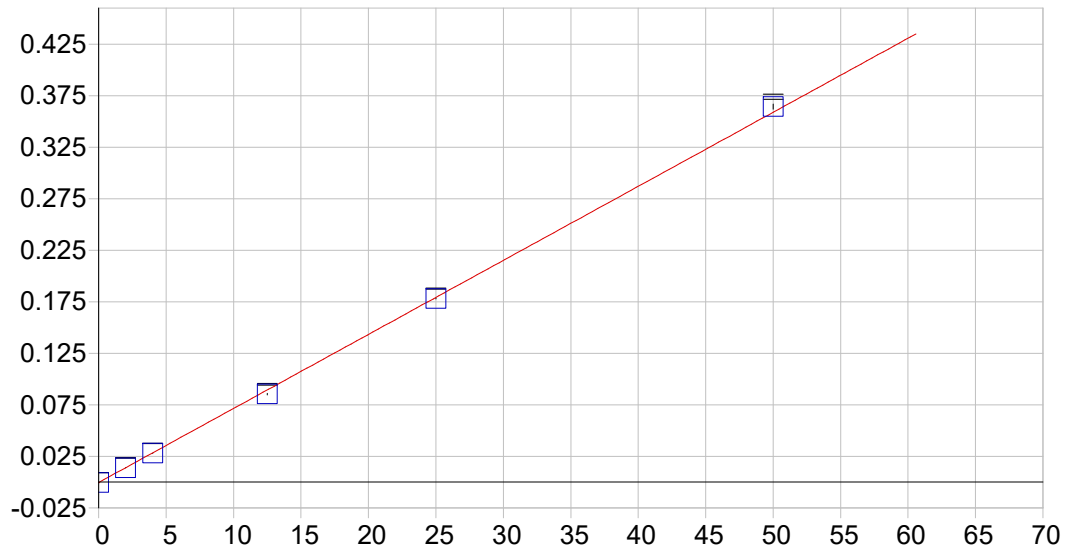
A0 (Offset): 0.002070 Re-Slope: 1.000000
A1 (Gain): 0.010841 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999457 Status: OK.
Std Error of Est: 0.000189
Predicted MDL: 0.020516
Predicted MQL: 0.068387

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00033	.000	.000	.00207	.000	1
S2	4.0000	3.7772	-.223	-5.57	.04302	.000	1
S3	12.500	11.754	-.746	-5.97	.12950	.001	1
S4	25.000	24.813	-.187	-.748	.27106	.000	1
S5	50.000	51.295	1.29	2.59	.55815	.005	1
S1	2.0000	1.8611	-.139	-6.95	.02225	.000	1







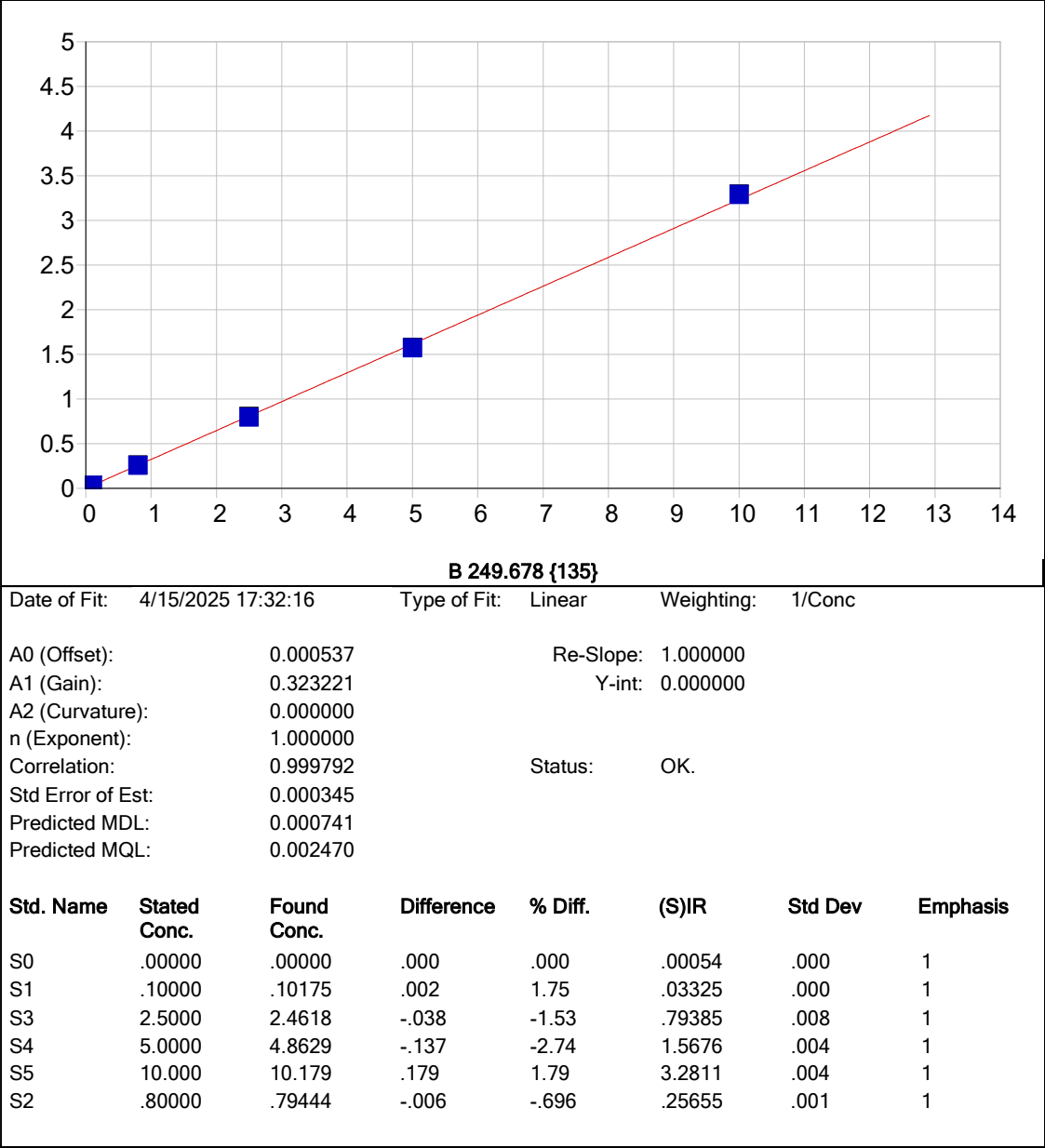


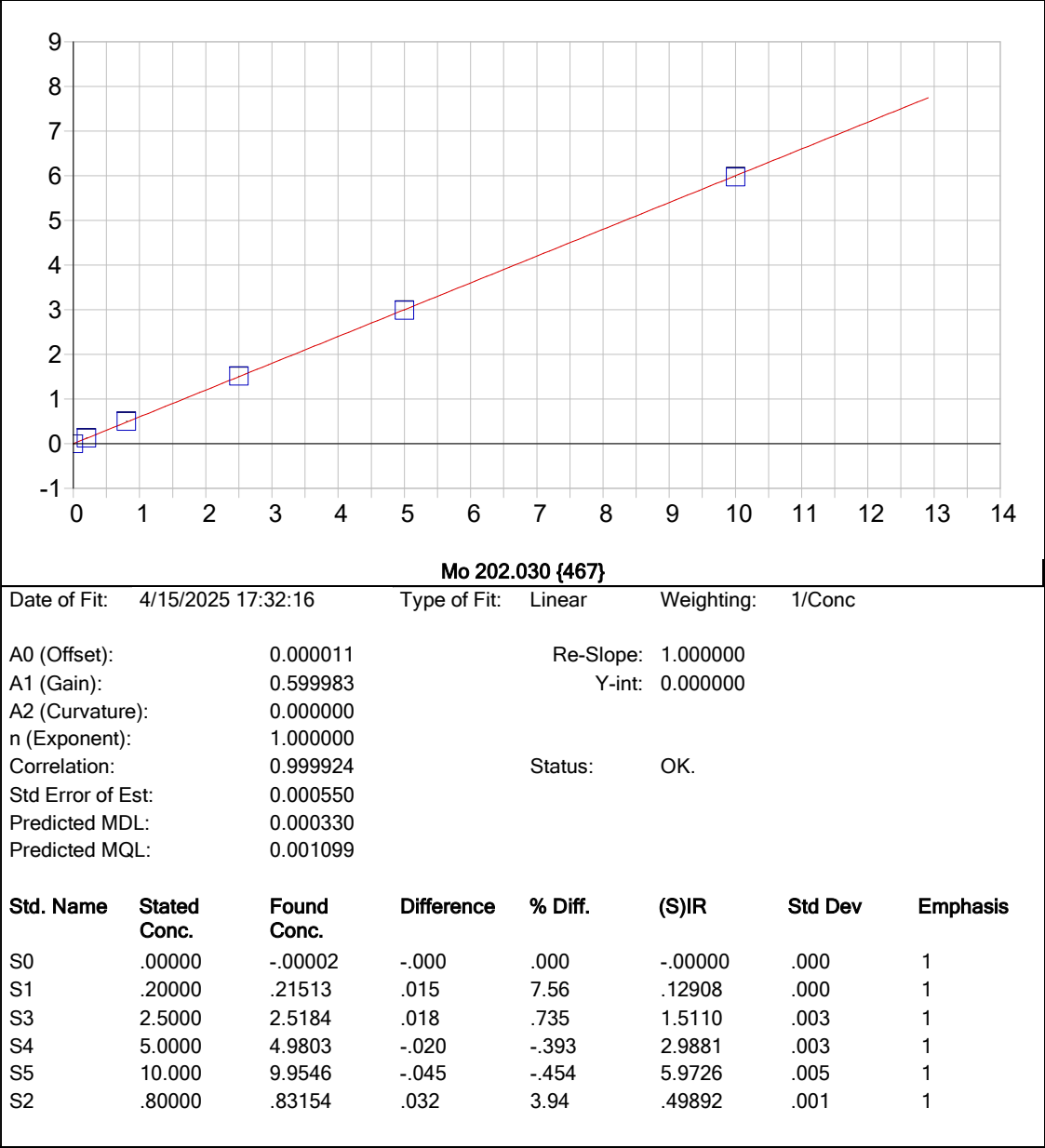
K 766.490 { 44}

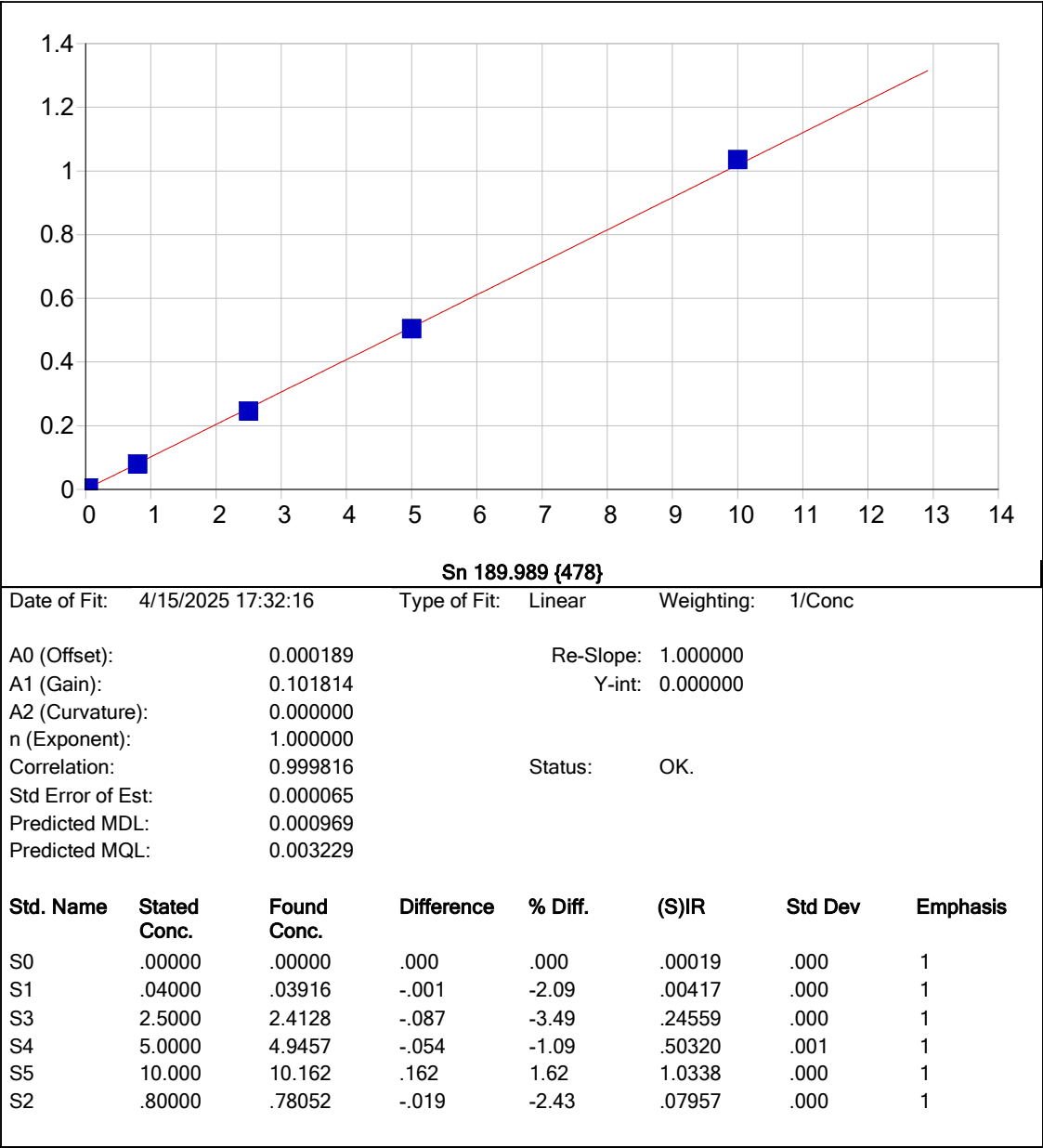
Date of Fit: 4/15/2025 17:32:16 Type of Fit: Linear Weighting: 1/Conc

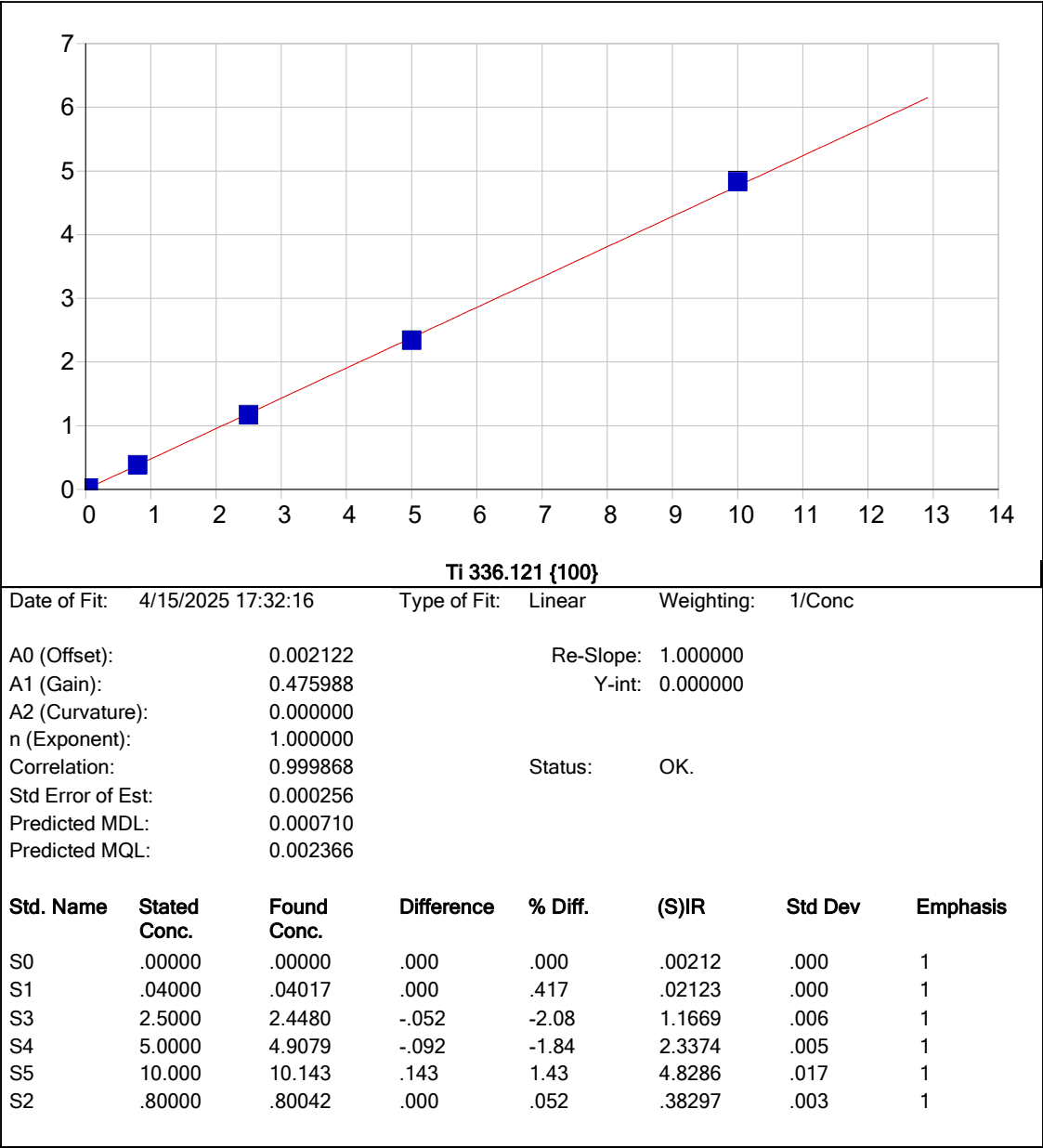
A0 (Offset): -0.000353 Re-Slope: 1.000000
A1 (Gain): 0.007184 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999796 Status: OK.
Std Error of Est: 0.000077
Predicted MDL: 0.033266
Predicted MQL: 0.110886

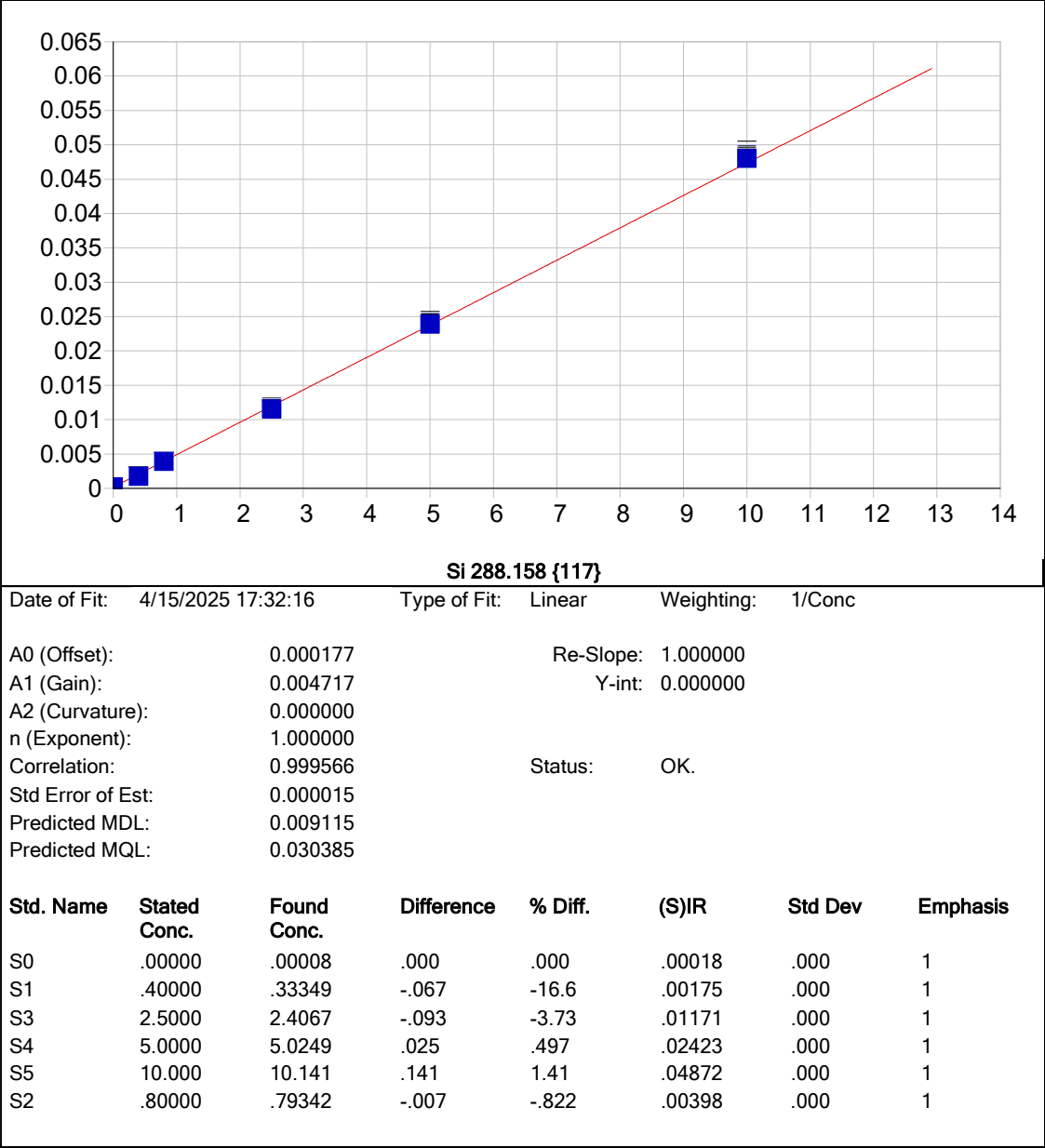
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00012	.000	.000	-.00035	.000	1
S2	4.0000	3.9418	-.058	-1.46	.02797	.000	1
S3	12.500	11.951	-.549	-4.40	.08551	.001	1
S4	25.000	24.853	-.147	-.586	.17821	.000	1
S5	50.000	50.777	.777	1.55	.36446	.003	1
S1	2.0000	1.9767	-.023	-1.16	.01385	.000	1

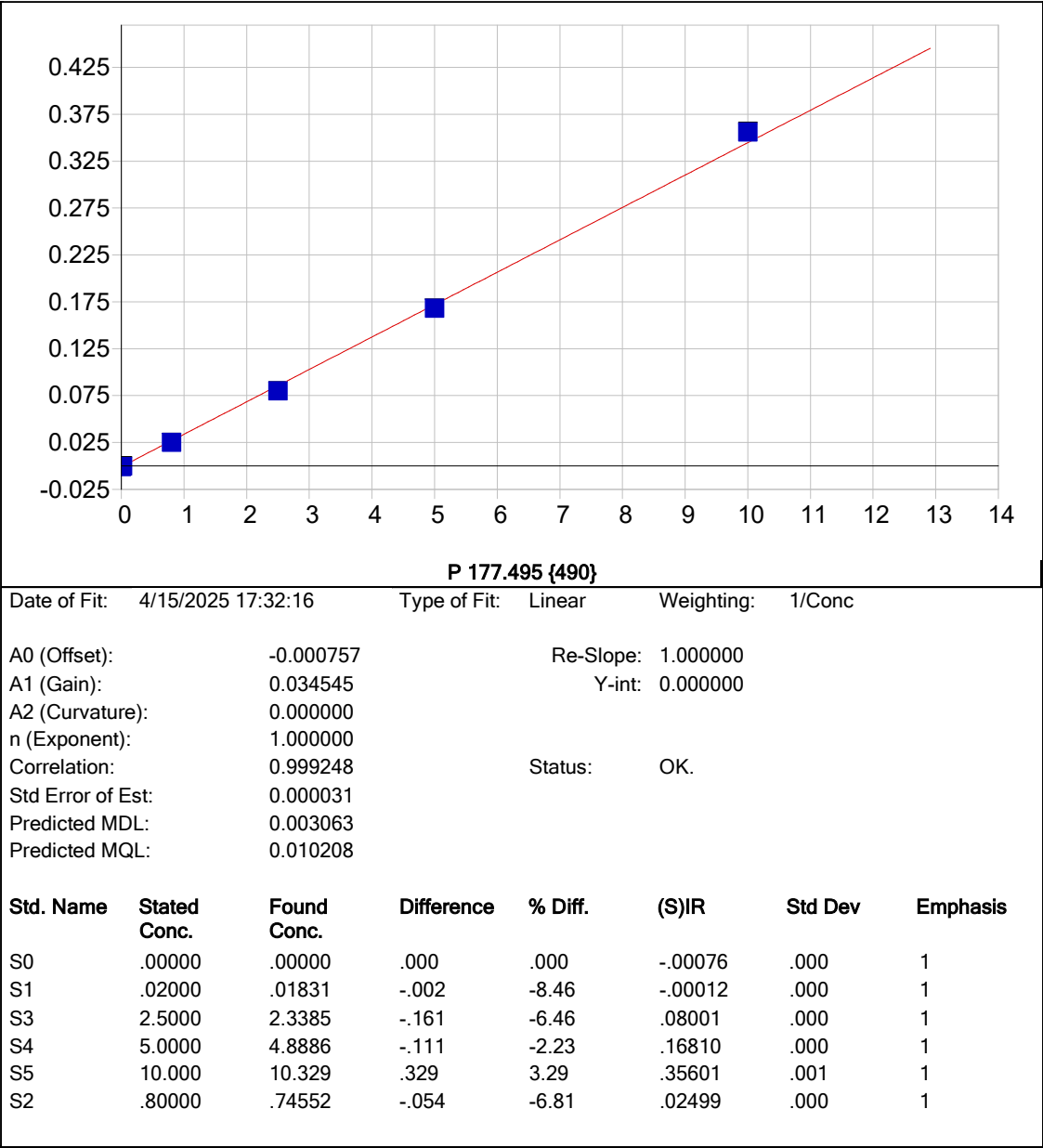


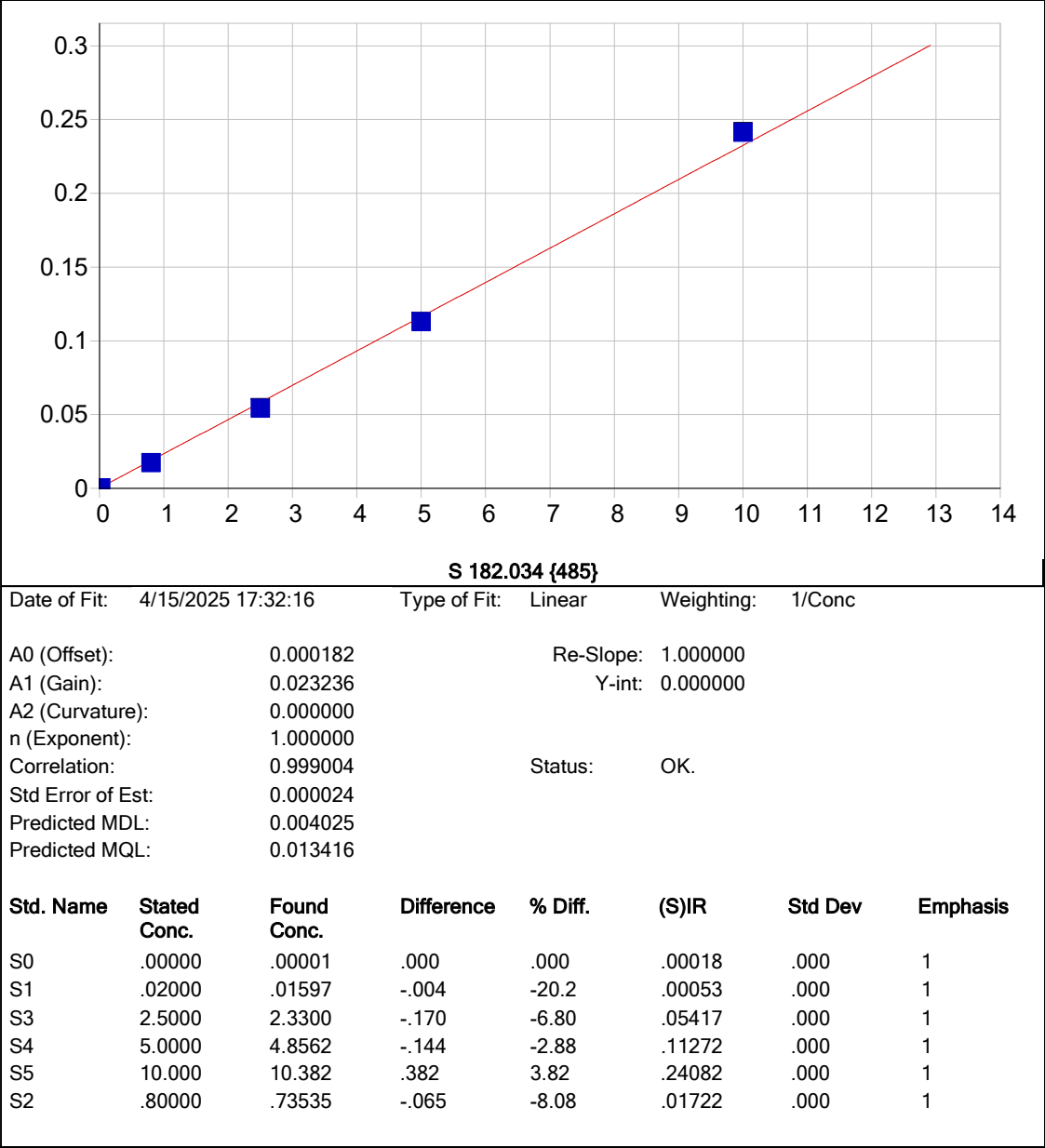


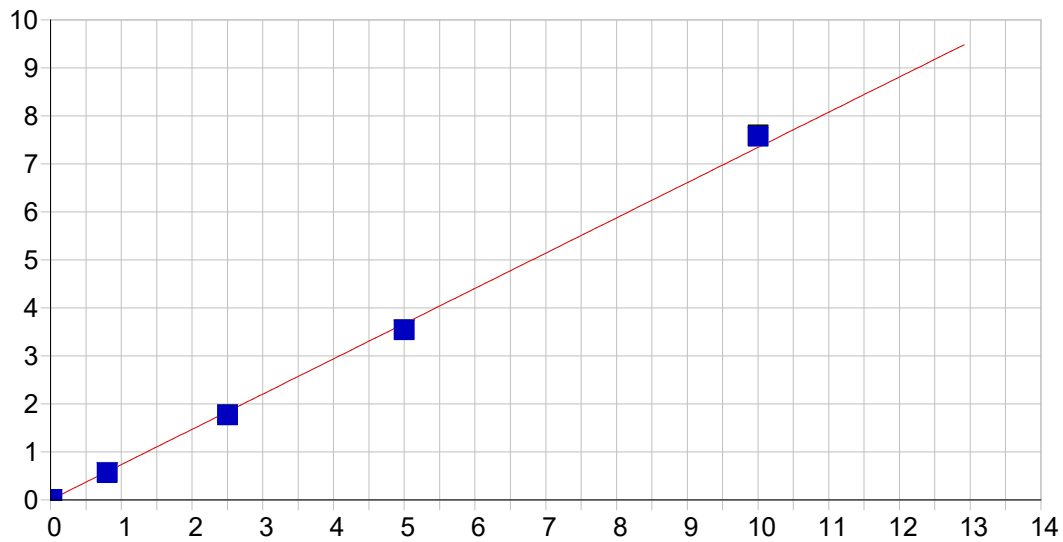










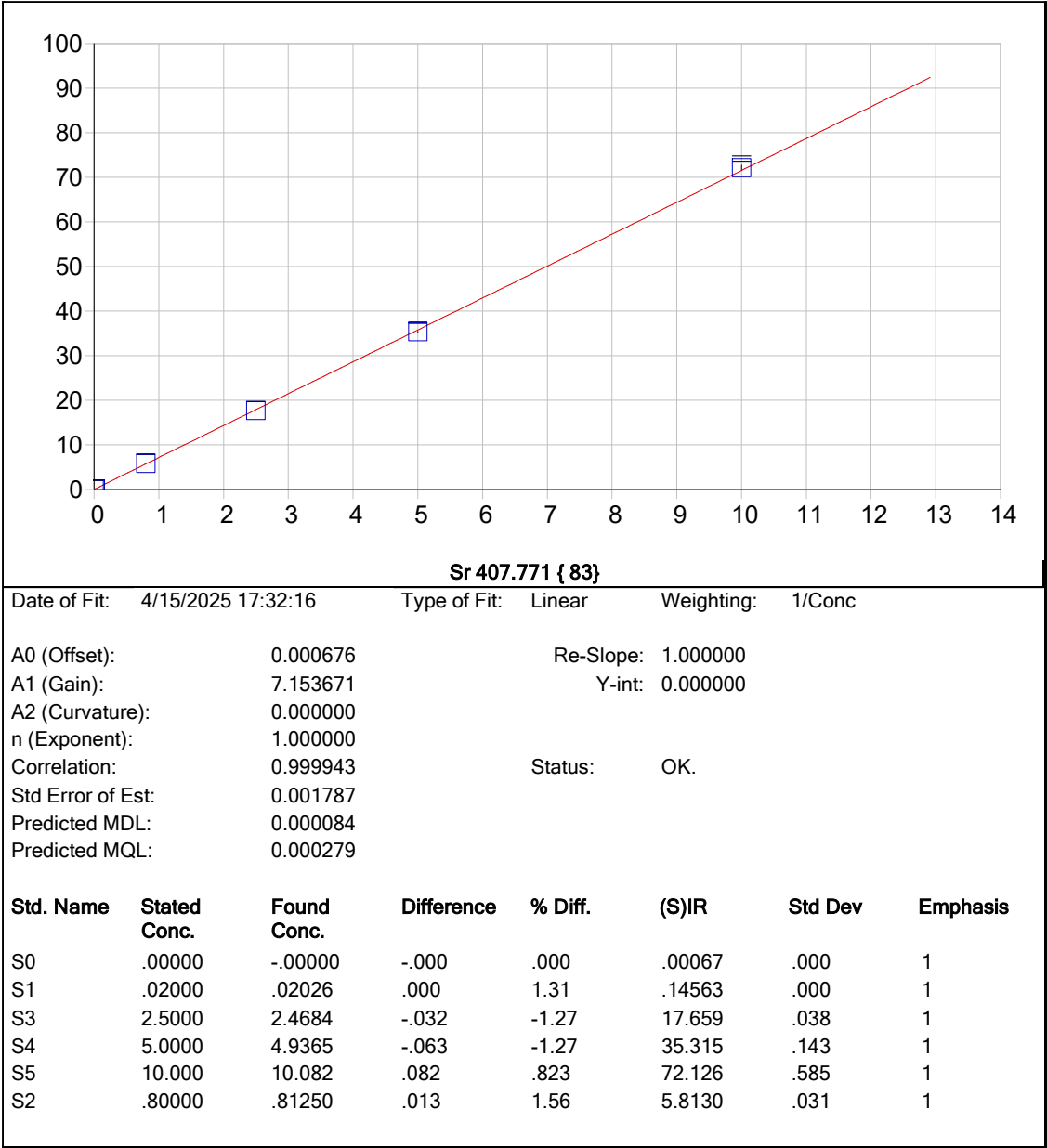


Li 670.784 { 50}

Date of Fit: 4/15/2025 17:32:16 Type of Fit: Linear Weighting: 1/Conc

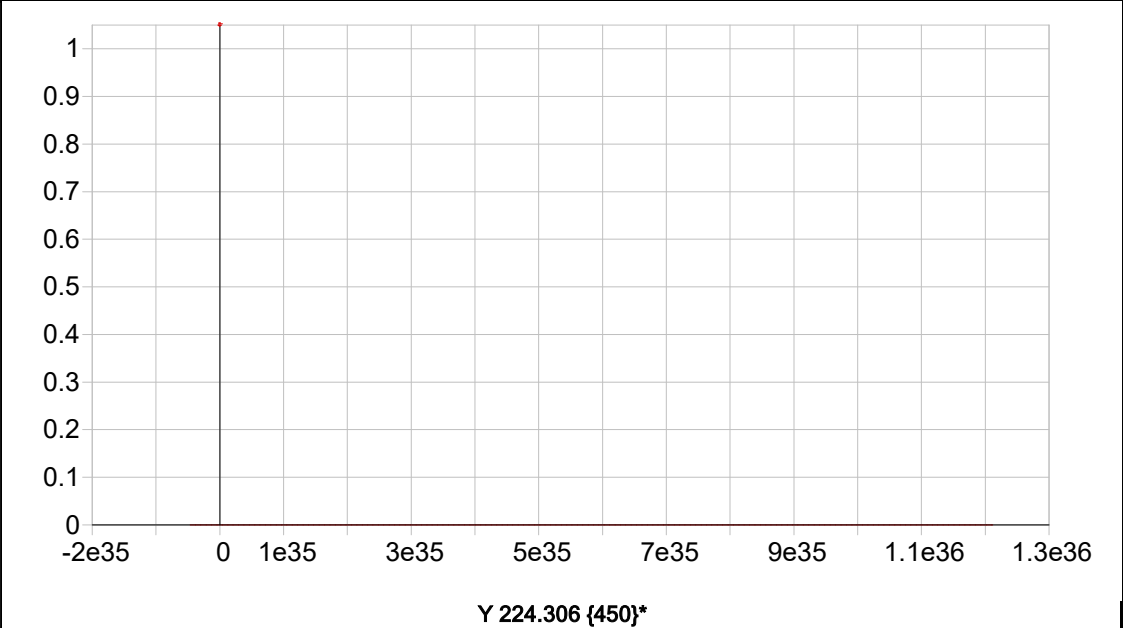
A0 (Offset):	0.002228	Re-Slope:	1.000000
A1 (Gain):	0.734108	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999415	Status:	OK.
Std Error of Est:	0.000589		
Predicted MDL:	0.001277		
Predicted MQL:	0.004255		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00223	.001	1
S5	10.000	10.312	.312	3.12	7.5759	.027	1
S4	5.0000	4.8179	-.182	-3.64	3.5409	.008	1
S3	2.5000	2.4006	-.099	-3.97	1.7655	.007	1
S1	.02000	.01865	-.001	-6.76	.01615	.001	1
S2	.80000	.77093	-.029	-3.63	.56847	.003	1



Date of Fit: 4/15/2025 17:32:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000676 Re-Slope: 1.000000
A1 (Gain): 7.153671 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999943 Status: OK.
Std Error of Est: 0.001787
Predicted MDL: 0.000084
Predicted MQL: 0.000279



Date of Fit: 4/15/2025 17:32:16 Type of Fit: Linear Weighting: 1/Conc

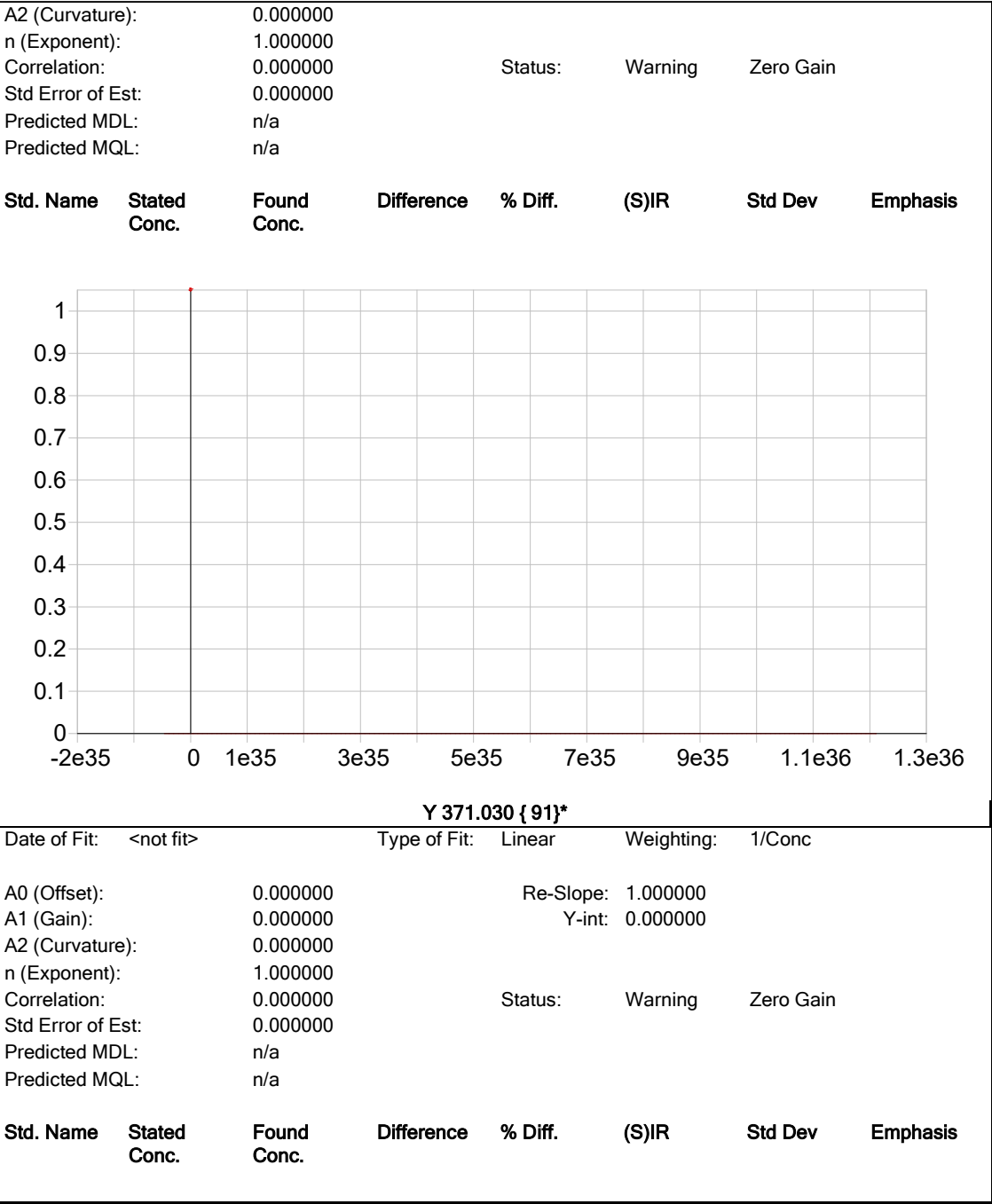
A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

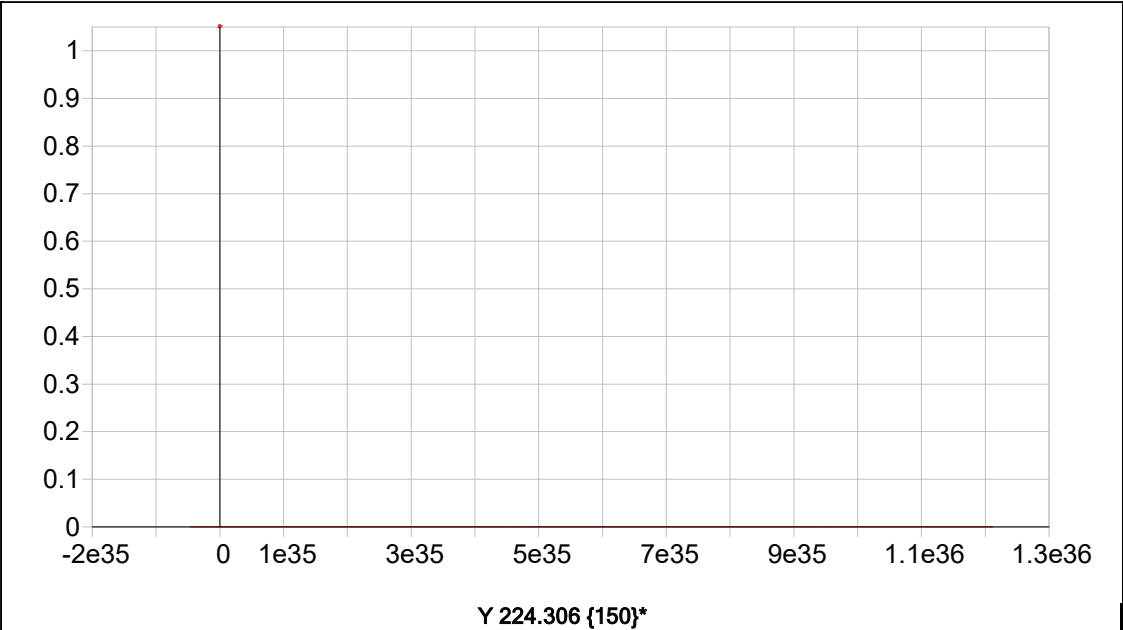
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Y 360.073 { 94}*

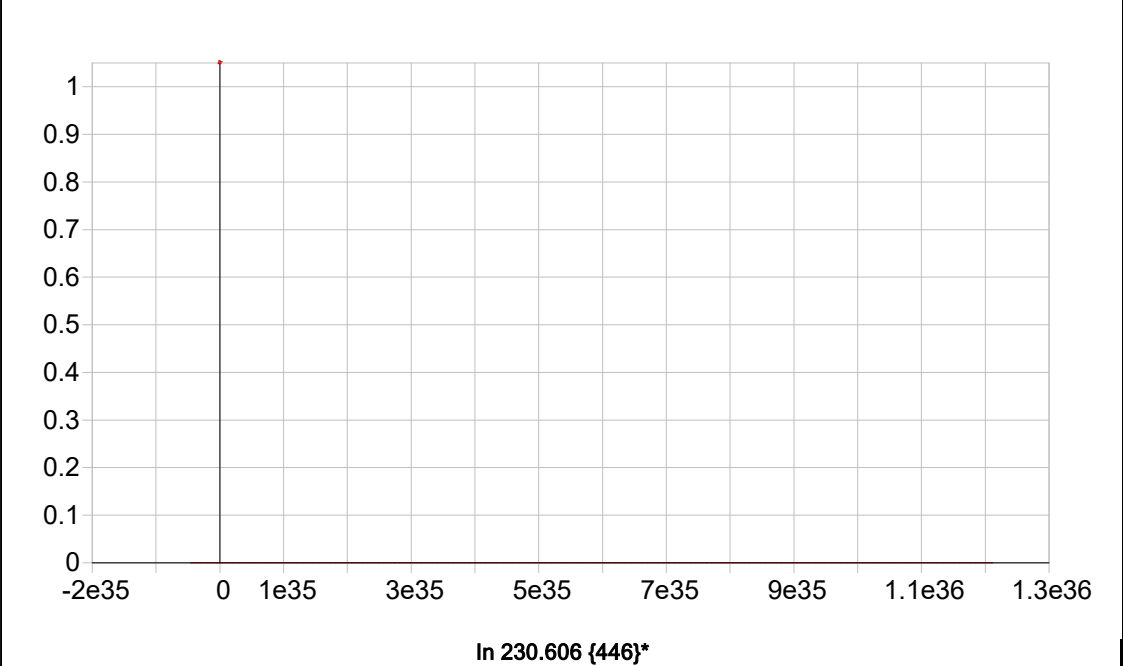
Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000





Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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A2 (Curvature):		0.000000		Status:	Warning	Zero Gain	
n (Exponent):		1.000000					
Correlation:		0.000000					
Std Error of Est:		0.000000					
Predicted MDL:		n/a					
Predicted MQL:		n/a					
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

Sample Name: S0 Acquired: 4/15/2025 15:08:14 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00017	-.00012	-.00013	.00023	.00057	-.00059	.05204	-.00003
Stddev	.00012	.00006	.00014	.00023	.00025	.00017	.00016	.00015
%RSD	67.912	51.089	110.07	102.09	44.273	29.011	.30747	514.64
#1	-.00012	-.00019	-.00023	-.00004	.00044	-.00078	.05214	-.00019
#2	-.00030	-.00012	.00003	.00040	.00085	-.00049	.05185	-.00001
#3	-.00009	-.00006	-.00019	.00031	.00040	-.00048	.05211	.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00009	.00012	.00013	.00002	-.00017	.00007	.00080	-.00019
Stddev	.00003	.00020	.00007	.00023	.00030	.00001	.00012	.00015
%RSD	32.954	160.94	58.536	978.17	176.49	15.174	15.388	77.785
#1	.00007	.00005	.00019	.00027	-.00016	.00008	.00067	-.00034
#2	.00008	.00035	.00014	-.00018	-.00048	.00008	.00081	-.00006
#3	.00013	-.00003	.00005	-.00002	.00013	.00006	.00091	-.00016
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00042	-.00163	.00207	.00021	.00531	-.00035	.00054	-.00000
Stddev	.00012	.00006	.00031	.00028	.00031	.00010	.00005	.00004
%RSD	28.443	3.9788	14.963	129.85	5.8975	28.778	9.5816	1157.3
#1	-.00033	-.00157	.00182	.00040	.00524	-.00030	.00057	-.00004
#2	-.00037	-.00163	.00199	.00034	.00504	-.00029	.00048	-.00000
#3	-.00055	-.00170	.00242	-.00010	.00565	-.00047	.00057	.00003
Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00019	.00212	.00018	-.00076	.00018	.00223	.00067	
Stddev	.00003	.00020	.00002	.00005	.00005	.00084	.00042	
%RSD	14.745	9.1913	11.183	6.1567	28.044	37.563	61.743	
#1	.00018	.00201	.00019	-.00079	.00012	.00151	.00019	
#2	.00022	.00201	.00018	-.00077	.00022	.00315	.00089	
#3	.00017	.00235	.00015	-.00070	.00020	.00203	.00094	

Sample Name: S0 Acquired: 4/15/2025 15:08:14 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2708.3	64227.	13007.	1780.3	4156.5
Stddev	10.6	93.	45.	4.0	14.2
%RSD	.39205	.14417	.34893	.22339	.34166
#1	2696.2	64328.	12954.	1784.4	4142.0
#2	2716.1	64204.	13033.	1780.1	4170.4
#3	2712.6	64147.	13033.	1776.5	4157.0

Sample Name: S1 Acquired: 4/15/2025 15:12:37 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00088	.00222	.00153	.00091	.00560	.00809	.26343	.02932
Stddev	.00005	.00005	.00012	.00005	.00018	.00031	.00093	.00016
%RSD	6.1734	2.1421	8.0955	5.6076	3.2333	3.8330	.35118	.55567
#1	.00093	.00222	.00162	.00095	.00581	.00824	.26266	.02915
#2	.00082	.00217	.00159	.00086	.00550	.00773	.26446	.02935
#3	.00090	.00227	.00139	.00093	.00549	.00829	.26317	.02947
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01355	.10974	.00177	.02517	.01551	.00052	.00788	.02050
Stddev	.00014	.00045	.00003	.00036	.00015	.00001	.00015	.00007
%RSD	1.0145	.41173	1.9690	1.4287	.99189	1.6799	1.9315	.33189
#1	.01351	.10929	.00181	.02554	.01533	.00051	.00779	.02051
#2	.01343	.10975	.00174	.02483	.01557	.00053	.00779	.02042
#3	.01370	.11019	.00177	.02514	.01562	.00051	.00806	.02055
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01882	.00049	.02225	.00475	.11094	.01385	.03325	.12908
Stddev	.00026	.00005	.00015	.00014	.00072	.00012	.00026	.00011
%RSD	1.3773	11.098	.68843	2.8790	.64501	.89218	.79622	.08776
#1	.01911	.00055	.02242	.00465	.11177	.01389	.03312	.12908
#2	.01862	.00047	.02212	.00491	.11052	.01371	.03308	.12920
#3	.01872	.00045	.02220	.00471	.11054	.01395	.03356	.12898
Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00417	.02123	.00175	-.00012	.00053	.01615	.14563	
Stddev	.00005	.00015	.00001	.00004	.00001	.00083	.00038	
%RSD	1.2253	.71561	.43857	33.226	2.2682	5.1497	.26422	
#1	.00422	.02106	.00175	-.00015	.00055	.01534	.14584	
#2	.00412	.02126	.00176	-.00008	.00053	.01611	.14519	
#3	.00419	.02136	.00175	-.00015	.00053	.01700	.14586	

Sample Name: S1 Acquired: 4/15/2025 15:12:37 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2724.1	65205.	13157.	1821.7	4134.9
Stddev	1.0	274.	14.	5.7	5.3
%RSD	.03817	.42052	.10901	.31196	.12841
#1	2723.2	64993.	13142.	1817.3	4132.1
#2	2724.0	65515.	13170.	1828.1	4141.1
#3	2725.3	65107.	13160.	1819.6	4131.7

Sample Name: S2 Acquired: 4/15/2025 15:16:58 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.03483	.04456	.11772	.02994	.07758	.12332	3.5643	.20353
Stddev	.00008	.00034	.00043	.00000	.00018	.00037	.0188	.00074
%RSD	.23338	.77095	.36361	.01577	.23199	.29917	.52776	.36142
#1	.03475	.04489	.11723	.02995	.07763	.12295	3.5816	.20273
#2	.03485	.04421	.11792	.02994	.07738	.12369	3.5672	.20417
#3	.03490	.04457	.11801	.02994	.07773	.12331	3.5443	.20370
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.88744	.22047	.02759	.34278	.14697	.00395	.13882	.03856
Stddev	.00226	.00082	.00019	.00129	.00031	.00005	.00100	.00016
%RSD	.25416	.37328	.69537	.37514	.21408	1.3442	.72247	.42605
#1	.88696	.22135	.02773	.34204	.14727	.00401	.13993	.03874
#2	.88547	.21973	.02737	.34204	.14664	.00392	.13855	.03853
#3	.88990	.22033	.02766	.34427	.14698	.00392	.13798	.03842
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.19681	.04089	.04302	.04931	1.0405	.02797	.25655	.49892
Stddev	.00043	.00005	.00039	.00025	.0010	.00026	.00112	.00143
%RSD	.21658	.11031	.89890	.51503	.09084	.93097	.43527	.28658
#1	.19642	.04090	.04346	.04920	1.0406	.02826	.25542	.50046
#2	.19674	.04084	.04281	.04960	1.0395	.02788	.25766	.49763
#3	.19727	.04093	.04278	.04913	1.0413	.02776	.25657	.49868
Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.07957	.38297	.00398	.02499	.01722	.56847	5.8130	
Stddev	.00011	.00257	.00002	.00017	.00009	.00298	.0314	
%RSD	.13350	.67113	.57949	.67352	.54016	.52361	.54093	
#1	.07969	.38567	.00399	.02480	.01724	.57124	5.8448	
#2	.07948	.38270	.00395	.02504	.01712	.56883	5.8125	
#3	.07956	.38055	.00399	.02513	.01730	.56532	5.7819	

Sample Name: S2 Acquired: 4/15/2025 15:16:58 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2698.1	64482.	12852.	1826.9	4007.0
Stddev	7.1	217.	37.	1.2	4.9
%RSD	.26134	.33714	.28643	.06453	.12176
#1	2694.2	64236.	12876.	1826.6	4007.9
#2	2706.3	64564.	12810.	1828.2	4011.4
#3	2694.0	64647.	12871.	1826.0	4001.8

Sample Name: S3 Acquired: 4/15/2025 15:21:04 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.10701	.13828	.36171	.09130	.23527	.38194	10.878	.62644
Stddev	.00020	.00123	.00076	.00021	.00031	.00113	.074	.00450
%RSD	.18531	.89308	.21007	.23515	.13383	.29472	.68009	.71817

#1	.10681	.13862	.36223	.09135	.23543	.38098	10.924	.62354
#2	.10700	.13930	.36206	.09148	.23547	.38318	10.918	.63162
#3	.10721	.13690	.36084	.09106	.23491	.38167	10.793	.62416

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.7273	.67113	.08307	1.0541	.44269	.01178	.42141	.11871
Stddev	.0050	.00369	.00023	.0021	.00051	.00000	.00278	.00039
%RSD	.18183	.54992	.28270	.19939	.11428	.03404	.65863	.32621

#1	2.7291	.67176	.08332	1.0543	.44323	.01178	.42145	.11836
#2	2.7311	.67446	.08285	1.0561	.44223	.01178	.42417	.11913
#3	2.7217	.66716	.08306	1.0519	.44261	.01178	.41862	.11865

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.60522	.12587	.12950	.15171	3.1199	.08551	.79385	1.5110
Stddev	.00168	.00031	.00093	.00083	.0114	.00075	.00774	.0027
%RSD	.27709	.24343	.71962	.54598	.36396	.87524	.97534	.17780

#1	.60489	.12565	.13057	.15233	3.1257	.08628	.78588	1.5133
#2	.60703	.12574	.12897	.15203	3.1069	.08479	.80134	1.5117
#3	.60373	.12622	.12894	.15077	3.1273	.08544	.79433	1.5080

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.24559	1.1669	.01171	.08001	.05417	1.7655	17.659	
Stddev	.00031	.0063	.00008	.00021	.00028	.0071	.038	
%RSD	.12445	.54286	.70139	.25662	.52247	.40219	.21619	

#1	.24578	1.1701	.01178	.08014	.05413	1.7708	17.619	
#2	.24575	1.1711	.01162	.08012	.05447	1.7681	17.663	
#3	.24524	1.1596	.01172	.07978	.05391	1.7574	17.695	

Sample Name: S3 Acquired: 4/15/2025 15:21:04 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2694.9	64789.	12678.	1824.7	3906.8
Stddev	10.3	203.	116.	10.8	11.1
%RSD	.38127	.31338	.91508	.58999	.28497
#1	2683.2	64567.	12712.	1813.0	3894.6
#2	2702.0	64834.	12549.	1826.8	3909.5
#3	2699.7	64966.	12773.	1834.2	3916.4

Sample Name: S4 Acquired: 4/15/2025 15:25:13 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.21442	.27656	.73356	.18195	.46934	.76481	21.643	1.2399
Stddev	.00075	.00227	.00096	.00039	.00085	.00148	.177	.0037
%RSD	.35175	.82082	.13020	.21549	.18210	.19320	.81863	.29941

#1	.21506	.27796	.73397	.18234	.47032	.76641	21.442	1.2363
#2	.21460	.27778	.73246	.18194	.46897	.76450	21.776	1.2437
#3	.21359	.27394	.73424	.18156	.46873	.76351	21.712	1.2399

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.5808	1.3459	.16659	2.1417	.87572	.02401	.83521	.24063
Stddev	.0120	.0022	.00040	.0032	.00180	.00016	.00235	.00108
%RSD	.21469	.16025	.23870	.15094	.20566	.65497	.28151	.44960

#1	5.5888	1.3465	.16621	2.1452	.87575	.02403	.83719	.24101
#2	5.5670	1.3434	.16655	2.1388	.87751	.02385	.83261	.23940
#3	5.5866	1.3476	.16700	2.1410	.87391	.02416	.83584	.24146

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.2269	.25418	.27106	.30515	6.2148	.17821	1.5676	2.9881
Stddev	.0019	.00042	.00034	.00055	.0325	.00033	.0041	.0031
%RSD	.15812	.16560	.12568	.17904	.52337	.18663	.26423	.10230

#1	1.2285	.25391	.27138	.30475	6.1934	.17852	1.5651	2.9896
#2	1.2248	.25397	.27070	.30493	6.2522	.17786	1.5723	2.9901
#3	1.2274	.25467	.27111	.30577	6.1987	.17825	1.5652	2.9846

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.50320	2.3374	.02423	.16810	.11272	3.5409	35.315	
Stddev	.00052	.0050	.00016	.00016	.00022	.0085	.143	
%RSD	.10347	.21378	.64199	.09351	.19941	.23884	.40392	

#1	.50378	2.3415	.02420	.16821	.11288	3.5507	35.476	
#2	.50307	2.3388	.02410	.16792	.11282	3.5357	35.267	
#3	.50277	2.3318	.02440	.16816	.11246	3.5365	35.203	

Sample Name: S4 Acquired: 4/15/2025 15:25:13 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2632.2	62486.	12581.	1769.2	3698.8
Stddev	4.2	219.	21.	8.9	5.0
%RSD	.15963	.34981	.17053	.50540	.13530
#1	2629.4	62561.	12605.	1777.7	3693.4
#2	2630.1	62658.	12575.	1770.2	3703.3
#3	2637.0	62240.	12563.	1759.9	3699.8

Sample Name: S5 Acquired: 4/15/2025 15:29:25 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.43814	.55764	1.5007	.36976	.95789	1.6021	44.613	2.5715
Stddev	.00037	.00234	.0019	.00095	.00210	.0029	.318	.0056
%RSD	.08390	.42029	.12510	.25571	.21886	.18315	.71245	.21907

#1	.43776	.56011	1.5026	.36878	.95548	1.5993	44.719	2.5776
#2	.43849	.55544	1.5007	.37067	.95933	1.6020	44.256	2.5665
#3	.43816	.55739	1.4988	.36983	.95885	1.6052	44.865	2.5703

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	11.507	2.7758	.32945	4.4220	1.7540	.04762	1.7269	.50543
Stddev	.006	.0072	.00070	.0024	.0027	.00041	.0070	.00141
%RSD	.05589	.25851	.21187	.05544	.15199	.85981	.40814	.27979

#1	11.512	2.7684	.32865	4.4248	1.7512	.04714	1.7188	.50380
#2	11.508	2.7763	.32976	4.4207	1.7543	.04783	1.7311	.50617
#3	11.500	2.7827	.32994	4.4204	1.7566	.04787	1.7309	.50633

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.5198	.51357	.55815	.63082	12.439	.36446	3.2811	5.9726
Stddev	.0013	.00048	.00522	.00136	.031	.00251	.0042	.0050
%RSD	.05155	.09420	.93468	.21486	.24592	.68952	.12858	.08293

#1	2.5200	.51326	.55216	.62983	12.470	.36156	3.2848	5.9699
#2	2.5210	.51332	.56061	.63027	12.409	.36572	3.2765	5.9783
#3	2.5185	.51413	.56168	.63237	12.438	.36609	3.2820	5.9696

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	1.0338	4.8286	.04872	.35601	.24082	7.5759	72.126	
Stddev	.0003	.0169	.00047	.00067	.00032	.0270	.585	
%RSD	.02386	.35075	.96229	.18794	.13322	.35625	.81056	

#1	1.0340	4.8095	.04824	.35674	.24114	7.5457	71.485	
#2	1.0335	4.8342	.04874	.35543	.24050	7.5845	72.265	
#3	1.0338	4.8420	.04918	.35586	.24083	7.5976	72.629	

Sample Name: S5 Acquired: 4/15/2025 15:29:25 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2570.4	61953.	11960.	1735.0	3493.3
Stddev	6.0	24.	41.	3.2	13.2
%RSD	.23320	.03930	.34076	.18409	.37694
#1	2565.6	61966.	11913.	1731.3	3479.5
#2	2568.5	61969.	11985.	1737.0	3494.7
#3	2577.1	61925.	11981.	1736.7	3505.7

Sample Name: ICV01 Acquired: 4/15/2025 15:47:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.016673	1.050880	.9733907	1.072476	1.048634	2.402651
Stddev	.002942	.006130	.0040691	.007561	.004862	.005141
%RSD	.2893455	.5833633	.4180286	.7050116	.4636254	.2139665
#1	1.019392	1.057122	.9751766	1.073121	1.048397	2.400220
#2	1.013550	1.050653	.9687341	1.064613	1.043895	2.399176
#3	1.017076	1.044867	.9762614	1.079694	1.053609	2.408556
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5477667	.4876177	.4928291	9.467875	.5056850	.4784550
Stddev	.0023720	.0022086	.0013131	.016816	.0005957	.0012774
%RSD	.4330251	.4529377	.2664496	.1776060	.1178031	.2669797
#1	.5453615	.4876798	.4928940	9.453779	.5063505	.4773729
#2	.5478346	.4897946	.4914847	9.486487	.5055031	.4781281
#3	.5501040	.4853787	.4941085	9.463358	.5052015	.4798641
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5083545	9.687588	.4885615	6.012346	.4797427	.2470510
Stddev	.0017330	.075812	.0005589	.016485	.0012084	.0007244
%RSD	.3409035	.7825683	.1144010	.2741778	.2518769	.2932183
#1	.5082287	9.624440	.4879161	6.019677	.4806374	.2473295
#2	.5066879	9.666659	.4888885	5.993468	.4783681	.2462286
#3	.5101470	9.771666	.4888799	6.023894	.4802226	.2475948
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.80400	.4744468	1.005424	10.12923	F .0015752	F .0001473
Stddev	.04899	.0013014	.005299	.04316	.0001160	.0001648
%RSD	.4534502	.2743021	.5270635	.4261366	7.364661	111.8476
#1	10.77404	.4737156	1.000862	10.08884	.0014760	.0000423
#2	10.77744	.4736754	1.011236	10.12412	.0017028	.0003373
#3	10.86054	.4759493	1.004173	10.17471	.0015469	.0000625

Sample Name: ICV01 Acquired: 4/15/2025 15:47:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.001380	F -.000622	F -.023011	F .0041862	F -.000452	F .0002244
Stddev	.000652	.000582	.006087	.0014775	.004459	.0000929
%RSD	47.23945	93.56103	26.45161	35.29427	985.7897	41.40978
#1	-.001939	.000015	-.030039	.0026491	.002063	.0002903
#2	-.000664	-.001126	-.019531	.0043136	.002181	.0001181
#3	-.001538	-.000754	-.019463	.0055958	-.005601	.0002649

Elem	Sr4077
Units	ppm
Avg	F .0011939
Stddev	.0000490
%RSD	4.104334
#1	.0011491
#2	.0012463
#3	.0011864

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2712.972	64491.42	12963.60	1811.154	4047.467
Stddev	12.968	123.54	25.45	5.013	14.108
%RSD	.4780038	.1915623	.1963063	.2767975	.3485716
#1	2712.162	64569.83	12966.85	1816.235	4044.223
#2	2726.325	64555.42	12936.68	1806.211	4062.915
#3	2700.427	64349.01	12987.27	1811.016	4035.263

Sample Name: LLICV01 Acquired: 4/15/2025 15:51:31 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LLICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0228156	.0449437	.0120860	.0225208	.0515107	.1068356	.0951146
Stddev	.0008827	.0011026	.0004146	.0020630	.0015044	.0011832	.0015393
%RSD	3.869051	2.453206	3.430687	9.160575	2.920511	1.107459	1.618404
#1	.0217981	.0459617	.0116156	.0245142	.0510098	.1073717	.0950972
#2	.0233773	.0437726	.0122439	.0226537	.0503207	.1054793	.0966626
#3	.0232715	.0450969	.0123985	.0203946	.0532016	.1076558	.0935841
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058103	.0059645	1.968419	.0092821	.0285599	.0214154	.0928613
Stddev	.0000626	.0000646	.020877	.0002563	.0000423	.0002207	.0055819
%RSD	1.077234	1.083400	1.060615	2.761352	.1480754	1.030468	6.011037
#1	.0057419	.0059420	1.983149	.0091486	.0286019	.0212938	.0926855
#2	.0058241	.0059142	1.977582	.0091201	.0285173	.0212823	.0873694
#3	.0058648	.0060374	1.944528	.0095776	.0285604	.0216701	.0985291
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0205438	2.076034	.0383561	.0104548	1.823531	.0388005	.0422587
Stddev	.0003939	.015747	.0001724	.0000980	.011984	.0009109	.0003096
%RSD	1.917235	.7585025	.4495191	.9378227	.6571629	2.347627	.7326963
#1	.0209854	2.063211	.0381693	.0104403	1.833268	.0396380	.0419141
#2	.0202289	2.093609	.0385092	.0105592	1.827177	.0378307	.0425135
#3	.0204170	2.071281	.0383899	.0103648	1.810148	.0389328	.0423486
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.037012	.1053527	.2150239	.0391867	.0410180	.3238214	.0179868
Stddev	.020987	.0004120	.0005929	.0008727	.0005250	.0086319	.0027305
%RSD	1.030266	.3910601	.2757129	2.227107	1.279993	2.665633	15.18037
#1	2.042679	.1058152	.2157026	.0401262	.0413207	.3262882	.0208192
#2	2.054584	.1052178	.2147617	.0390327	.0413215	.3309514	.0177700
#3	2.013774	.1050250	.2146074	.0384012	.0404117	.3142247	.0153712

Sample Name: LLICV01 Acquired: 4/15/2025 15:51:31 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LLICV Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0204735	.0166307	.0202946
Stddev	.0032081	.0011826	.0000395
%RSD	15.66946	7.111003	.1946010
#1	.0203398	.0165140	.0202875
#2	.0173343	.0178674	.0203372
#3	.0237463	.0155108	.0202592

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2746.998	65637.35	13180.28	1838.048	4200.944
Stddev	2.473	192.00	93.30	8.952	3.907
%RSD	.0900239	.2925218	.7079109	.4870408	.0929948
#1	2747.055	65572.68	13206.68	1830.966	4198.822
#2	2749.442	65486.02	13076.62	1835.067	4205.452
#3	2744.497	65853.33	13257.54	1848.110	4198.558

Sample Name: ICB01 Acquired: 4/15/2025 15:55:49 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013264	.0001135	-.000454	-.002328	.0003154	.0053984	-.000383
Stddev	.0025736	.0012761	.001089	.002594	.0012946	.0060306	.000662
%RSD	194.0275	1124.873	239.5809	111.4462	410.4346	111.7109	172.8780
#1	-.000912	-.000437	-.000419	.000138	.0009804	-.000600	-.000856
#2	.000753	-.000795	-.001561	-.002087	-.001177	.005336	.000374
#3	.004138	.001572	.000616	-.005034	.001142	.011460	-.000667
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000011	-.000083	.0031730	-.000256	-.000057	-.000500	.0021915
Stddev	.000041	.000078	.0031345	.000171	.000079	.000492	.0016618
%RSD	388.8956	94.29277	98.78696	66.51563	138.2462	98.33581	75.83294
#1	-.000043	-.000020	.0067455	-.000067	.000023	-.001055	.0002809
#2	-.000024	-.000058	.0008836	-.000399	-.000134	-.000328	.0033019
#3	.000036	-.000171	.0018899	-.000303	-.000060	-.000117	.0029915
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005589	.0117077	.0000850	-.000302	-.047915	-.002323	-.000050
Stddev	.0003944	.0139755	.0000681	.000184	.020894	.001091	.000053
%RSD	70.57448	119.3703	80.13608	60.84682	43.60616	46.94506	106.6569
#1	.0009507	.0216156	.0001547	-.000222	-.050583	-.001108	.000008
#2	.0001619	-.004278	.0000187	-.000513	-.025815	-.002646	-.000060
#3	.0005640	.017785	.0000816	-.000172	-.067347	-.003216	-.000097
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0656404	.0033871	.0000347	-.000425	.0001158	-.013400	.0005690
Stddev	.0123986	.0011085	.0002092	.001058	.0004229	.005197	.0012274
%RSD	18.88873	32.72530	603.5865	248.9313	365.2594	38.78628	215.7057
#1	.0580986	.0021557	-.000169	-.001630	.0005267	-.018779	-.000819
#2	.0588724	.0043051	.000249	.000002	.0001389	-.008405	.001509
#3	.0799501	.0037005	.000023	.000353	-.000318	-.013017	.001017

Sample Name: ICB01 Acquired: 4/15/2025 15:55:49 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000189	-.003103	-.000068
Stddev	.004579	.001512	.000063
%RSD	2416.493	48.73231	93.00396
#1	-.005020	-.004849	-.000111
#2	.004086	-.002202	-.000098
#3	.000366	-.002258	.000005

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2751.299	66046.98	12508.62	1843.013	4255.377
Stddev	8.349	108.30	31.80	9.197	3.884
%RSD	.3034474	.1639675	.2542646	.4990446	.0912730
#1	2752.016	65929.41	12509.59	1838.617	4251.157
#2	2742.616	66068.87	12476.34	1836.839	4256.174
#3	2759.267	66142.66	12539.93	1853.584	4258.801

Sample Name: CRI01 Acquired: 4/15/2025 16:05:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0232042	.0431565	.0125361	.0226190	.0542375	.1065043	.0939047
Stddev	.0026695	.0008198	.0010321	.0005932	.0011944	.0025036	.0005932
%RSD	11.50437	1.899683	8.232696	2.622712	2.202248	2.350713	.6317008
#1	.0261928	.0422182	.0114077	.0227371	.0544982	.1055121	.0941162
#2	.0223639	.0435167	.0134322	.0219757	.0552801	.1093519	.0932348
#3	.0210560	.0437345	.0127684	.0231444	.0529343	.1046489	.0943632
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058957	.0058370	1.977552	.0096550	.0286066	.0213626	.0906006
Stddev	.0000566	.0000996	.003741	.0002701	.0002894	.0006448	.0067114
%RSD	.9606208	1.706459	.1891497	2.797198	1.011705	3.018209	7.407670
#1	.0058913	.0057258	1.973381	.0097192	.0282815	.0219302	.0954199
#2	.0058413	.0059180	1.980609	.0093585	.0287019	.0214961	.0829351
#3	.0059544	.0058672	1.978667	.0098871	.0288363	.0206616	.0934467
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0209077	2.094297	.0385462	.0103318	1.767106	.0392925	.0414179
Stddev	.0005573	.017396	.0001804	.0002823	.021139	.0013917	.0006396
%RSD	2.665729	.8306583	.4681115	2.732644	1.196272	3.541942	1.544377
#1	.0215281	2.092898	.0383607	.0101218	1.748482	.0403472	.0409533
#2	.0207457	2.077641	.0385567	.0102209	1.790083	.0398150	.0421474
#3	.0204494	2.112350	.0387212	.0106528	1.762753	.0377151	.0411528
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.001211	.1044044	.2142241	.0389308	.0398929	.3180903	.0194203
Stddev	.052425	.0011637	.0003030	.0006842	.0002850	.0061622	.0011879
%RSD	2.619653	1.114580	.1414367	1.757373	.7143984	1.937258	6.117034
#1	1.941984	.1047203	.2144624	.0387844	.0395695	.3240172	.0187447
#2	2.019988	.1031153	.2143267	.0396763	.0400022	.3117170	.0187243
#3	2.041662	.1053775	.2138831	.0383317	.0401071	.3185368	.0207920

Sample Name: CRI01 Acquired: 4/15/2025 16:05:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0176397	.0163622	.0198894
Stddev	.0029862	.0007673	.0000752
%RSD	16.92890	4.689456	.3779225
#1	.0178966	.0172141	.0198075
#2	.0145333	.0157253	.0199552
#3	.0204891	.0161472	.0199056

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2739.475	66033.71	12965.78	1841.744	4181.894
Stddev	8.572	27.90	88.92	1.699	6.591
%RSD	.3129246	.0422581	.6858070	.0922437	.1576131
#1	2736.771	66062.77	12883.63	1840.616	4187.023
#2	2732.580	66007.13	13060.20	1840.918	4174.459
#3	2749.073	66031.22	12953.51	1843.698	4184.199

Sample Name: ICSA01 Acquired: 4/15/2025 16:09:29 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014888	.0253432	.0111723	.0103370	.0112002	237.8642
Stddev	.0058985	.0031879	.0016925	.0011008	.0046293	1.0165
%RSD	396.1931	12.57902	15.14888	10.64901	41.33212	.4273557

#1	-.005110	.0218339	.0096663	.0095718	.0089834	238.1504
#2	.003327	.0261351	.0108467	.0098406	.0080962	238.7070
#3	.006249	.0280605	.0130040	.0115985	.0165210	236.7353

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0328318	.0013966	.0048797	222.0273	.0577911	.0097485
Stddev	.0012091	.0000240	.0001454	.6823	.0004734	.0003471
%RSD	3.682612	1.717756	2.980408	.3073200	.8191823	3.560742

#1	.0341024	.0013697	.0047497	222.8141	.0583375	.0095904
#2	.0326974	.0014041	.0050368	221.5981	.0575027	.0095086
#3	.0316955	.0014159	.0048527	221.6696	.0575332	.0101466

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0151851	96.78204	.0156968	241.2901	.0095858	-.002321
Stddev	.0005266	.64703	.0003722	.5971	.0003835	.000361
%RSD	3.468090	.6685432	2.371383	.2474482	4.000968	15.56550

#1	.0155410	97.33464	.0160244	241.9637	.0097656	-.001917
#2	.0154342	96.07029	.0152920	240.8260	.0091454	-.002612
#3	.0145801	96.94120	.0157740	241.0808	.0098463	-.002433

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0964544	.0101428	.0118075	.1723329	-.025069	.0164676
Stddev	.0191665	.0012823	.0009510	.0095995	.004054	.0002594
%RSD	19.87106	12.64257	8.054393	5.570344	16.16932	1.575523

#1	.1145379	.0088856	.0125974	.1639247	-.021654	.0162119
#2	.0763630	.0114488	.0107519	.1827922	-.029549	.0164601
#3	.0984624	.0100941	.0120731	.1702819	-.024006	.0167307

Sample Name: ICSA01 Acquired: 4/15/2025 16:09:29 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111687	.0157799	.0210301	.0181990	.0009084	.0171420
Stddev	.0011248	.0004465	.0096230	.0016114	.0086139	.0009281
%RSD	10.07142	2.829617	45.75833	8.854250	948.2192	5.414096
#1	.0124262	.0152823	.0303344	.0177016	-.007082	.0181854
#2	.0102583	.0159117	.0216385	.0200005	-.000226	.0164084
#3	.0108215	.0161457	.0111173	.0168950	.010033	.0168324

Elem	Sr4077
Units	ppm
Avg	F .1096987
Stddev	.0004524
%RSD	.4124083
#1	.1102022
#2	.1095674
#3	.1093264

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2467.193	58280.11	12742.23	1637.072	3356.603
Stddev	6.106	327.69	31.02	16.483	9.918
%RSD	.2474690	.5622642	.2434662	1.006868	.2954834
#1	2471.574	58135.99	12711.84	1629.350	3364.465
#2	2469.785	58655.16	12773.85	1655.998	3359.884
#3	2460.219	58049.18	12741.02	1625.866	3345.460

Sample Name: ICSAB01 Acquired: 4/15/2025 16:13:54 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0965275	.1011139	.0410426	.0494152	.6434782	242.3547
Stddev	.0039465	.0036030	.0005662	.0030670	.0040344	.9115
%RSD	4.088451	3.563344	1.379525	6.206600	.6269731	.3761157
#1	.1000920	.1015067	.0406652	.0460846	.6388408	242.0775
#2	.0972039	.1045044	.0407689	.0521230	.6461815	243.3727
#3	.0922865	.0973305	.0416936	.0500380	.6454122	241.6140
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4670873	.4897097	1.022276	223.2102	.5613363	.4973588
Stddev	.0016690	.0010033	.002215	.4620	.0023789	.0014238
%RSD	.3573217	.2048741	.2166598	.2069767	.4237889	.2862686
#1	.4671651	.4906862	1.020070	223.1509	.5639724	.4957273
#2	.4687161	.4897612	1.022259	223.6990	.5606870	.4983502
#3	.4653808	.4886816	1.024499	222.7807	.5593495	.4979989
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4984919	94.73647	.4713721	244.9498	.9804274	.1774792
Stddev	.0013499	.11612	.0008240	.6620	.0029579	.0002362
%RSD	.2707979	.1225761	.1748019	.2702566	.3016934	.1330672
#1	.4969794	94.61203	.4707349	244.7845	.9771348	.1773256
#2	.4995744	94.75543	.4710788	245.6787	.9812878	.1773608
#3	.4989220	94.84194	.4723026	244.3860	.9828598	.1777511
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.014876	.4673931	1.039356	.0533645	F -.056706	F .0001291
Stddev	.019049	.0022478	.005734	.0361492	.000720	.0002736
%RSD	128.0562	.4809190	.5516801	67.74018	1.270332	211.8741
#1	-.033817	.4674855	1.044438	.0166471	-.056691	-.000149
#2	.004279	.4651005	1.033140	.0545290	-.057433	.000139
#3	-.015089	.4695932	1.040490	.0889174	-.055993	.000398

Sample Name: ICSAB01 Acquired: 4/15/2025 16:13:54 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.004680	F -.000530	F -.004852	F .0015199	F -.011007	F -.000917
Stddev	.000986	.000192	.010245	.0041048	.005352	.000824
%RSD	21.05837	36.17925	211.1682	270.0674	48.62747	89.89439
#1	-.004489	-.000391	-.009536	-.000707	-.012269	-.000168
#2	-.005748	-.000449	.006898	.006257	-.015615	-.000783
#3	-.003805	-.000748	-.011917	-.000990	-.005136	-.001800

Elem	Sr4077
Units	ppm
Avg	F .0943751
Stddev	.0002744
%RSD	.2907410
#1	.0941304
#2	.0946717
#3	.0943233

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2460.809	58409.68	12474.84	1615.737	3361.781
Stddev	5.249	70.29	29.73	6.791	6.465
%RSD	.2132873	.1203399	.2383214	.4203025	.1923116
#1	2466.230	58334.74	12459.30	1610.452	3368.941
#2	2455.752	58420.14	12456.10	1623.396	3360.031
#3	2460.446	58474.14	12509.12	1613.364	3356.371

Sample Name: ICSADLX20 Acquired: 4/15/2025 16:18:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSADLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007386	.0008083	.0001844	.0000486	-.002400	11.62981	-.000901
Stddev	.0005186	.0014903	.0008067	.0006809	.000761	.04068	.000838
%RSD	70.20671	184.3731	437.4783	1401.387	31.71084	.3497816	92.96662
#1	.0006270	-.000252	.0002271	.0001257	-.001547	11.62803	-.001853
#2	.0013039	.000165	-.000643	.0006876	-.002645	11.67135	-.000570
#3	.0002850	.002512	.000969	-.000668	-.003008	11.59005	-.000280
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000737	-.000172	11.53560	.0024383	.0002734	.0004033	4.802854
Stddev	.0000516	.000020	.03324	.0002790	.0002745	.0001863	.046790
%RSD	69.97305	11.54549	.2881769	11.44087	100.4241	46.19655	.9742077
#1	.0000188	-.000151	11.49725	.0023816	.0000497	.0005285	4.764802
#2	.0001212	-.000191	11.55346	.0021921	.0005798	.0001892	4.855096
#3	.0000813	-.000173	11.55610	.0027413	.0001907	.0004922	4.788665
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009579	11.82567	.0002652	-.000446	-.097076	-.000563	.0000186
Stddev	.0001536	.02360	.0001185	.000043	.009511	.001328	.0004372
%RSD	16.04007	.1995963	44.67289	9.735708	9.797209	235.6613	2352.083
#1	.0011162	11.80637	.0003052	-.000450	-.104792	-.002092	.0002878
#2	.0009481	11.81865	.0003586	-.000400	-.086450	.000096	.0002538
#3	.0008094	11.85198	.0001319	-.000486	-.099986	.000306	-.000486
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0577085	-.002459	.0002746	-.000964	-.000446	-.004227	.0004568
Stddev	.0079308	.000216	.0005613	.000450	.000412	.004928	.0023827
%RSD	13.74281	8.796863	204.4368	46.62715	92.40303	116.5981	521.6183
#1	.0621600	-.002261	.0004690	-.000897	-.000800	.001366	-.000541
#2	.0624135	-.002425	.0007128	-.001444	.000007	-.007932	-.001265
#3	.0485520	-.002690	-.000358	-.000552	-.000545	-.006115	.003176

Sample Name: ICSADLX20 Acquired: 4/15/2025 16:18:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSADLX20 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001260	-.003238	.0047997
Stddev	.001516	.000871	.0000222
%RSD	120.3059	26.89972	.4634273
#1	-.002540	-.004175	.0047741
#2	.000414	-.003086	.0048139
#3	-.001655	-.002453	.0048112

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2714.697	64743.79	13286.55	1806.277	4022.790
Stddev	8.424	182.29	9.39	3.933	9.631
%RSD	.3103080	.2815587	.0706746	.2177315	.2394058
#1	2705.036	64842.80	13284.11	1804.060	4012.058
#2	2718.547	64533.42	13296.92	1803.954	4025.632
#3	2720.508	64855.15	13278.62	1810.818	4030.680

Sample Name: ICSABDLX20 Acquired: 4/15/2025 16:22:26 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSABDLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086888	.0060550	.0024604	.0058961	.0301680	11.74113	.0222711
Stddev	.0040517	.0009573	.0016132	.0039575	.0027608	.01781	.0012226
%RSD	46.63106	15.81081	65.56626	67.12012	9.151265	.1517202	5.489710
#1	.0040860	.0063252	.0032010	.0040078	.0333541	11.74357	.0227694
#2	.0117161	.0068482	.0035703	.0104441	.0286660	11.75760	.0231659
#3	.0102641	.0049916	.0006099	.0032365	.0284838	11.72223	.0208780
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0251230	.0494851	11.56179	.0275069	.0239978	.0251772	4.746554
Stddev	.0001883	.0001450	.03443	.0002344	.0002716	.0006366	.041066
%RSD	.7495720	.2930865	.2977536	.8521561	1.131943	2.528423	.8651650
#1	.0250404	.0494202	11.55064	.0273302	.0240027	.0245582	4.734203
#2	.0253385	.0493839	11.60041	.0277728	.0237238	.0258300	4.713080
#3	.0249901	.0496513	11.53432	.0274179	.0242670	.0251433	4.792377
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0257603	11.91516	.0483333	.0084918	-.070153	.0220530	.0514473
Stddev	.0003794	.08364	.0003861	.0004974	.011418	.0004296	.0009944
%RSD	1.472940	.7019500	.7989366	5.857558	16.27562	1.947893	1.932919
#1	.0253499	11.83550	.0485740	.0089182	-.058384	.0217514	.0513071
#2	.0260983	12.00228	.0485379	.0079454	-.070891	.0225449	.0525043
#3	.0258328	11.90770	.0478879	.0086120	-.081184	.0218629	.0505303
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0565721	-.002936	.0002085	-.001037	-.000282	-.005126	.0013360
Stddev	.0119731	.000417	.0002337	.000604	.000062	.005536	.0041256
%RSD	21.16433	14.22069	112.0575	58.30326	22.03928	108.0055	308.7937
#1	.0661349	-.002613	.0003669	-.001648	-.000338	-.010909	.0004973
#2	.0604377	-.002787	.0003185	-.001023	-.000294	-.004593	-.002306
#3	.0431437	-.003407	-.000060	-.000439	-.000215	.000125	.005817

Sample Name: ICSABDLX20 Acquired: 4/15/2025 16:22:26 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSABDLX20 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008481	-.003827	.0048571
Stddev	.0053524	.000708	.0000367
%RSD	631.0768	18.50978	.7553533
#1	.0050868	-.003393	.0048480
#2	.0026241	-.003445	.0048974
#3	-.005166	-.004645	.0048258

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2740.249	65283.73	12989.20	1833.697	4078.649
Stddev	8.099	115.54	52.43	7.817	6.839
%RSD	.295559	.1769827	.4036148	.4263125	.1676867
#1	2733.402	65309.63	13009.77	1838.882	4071.020
#2	2738.156	65384.12	12929.61	1824.705	4084.230
#3	2749.189	65157.44	13028.23	1837.503	4080.699

Sample Name: CCV01 Acquired: 4/15/2025 16:26:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.006547	5.082419	4.940425	5.040907	5.019533	9.919598	9.821975
Stddev	.000724	.045001	.006798	.006832	.002119	.019811	.105944
%RSD	.0144519	.8854226	.1375942	.1355290	.0422088	.1997110	1.078646

#1	5.005713	5.134059	4.947818	5.045125	5.019835	9.911528	9.781540
#2	5.006997	5.051593	4.939013	5.033024	5.017279	9.942170	9.742203
#3	5.006932	5.061605	4.934444	5.044571	5.021484	9.905096	9.942182

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2486972	2.444823	24.44273	.9944339	2.450417	1.246217	4.943066
Stddev	.0010558	.003540	.09109	.0012742	.003818	.000652	.012362
%RSD	.4245416	.1448043	.3726630	.1281310	.1558122	.0522999	.2500852

#1	.2478498	2.448325	24.36597	.9958639	2.453507	1.246532	4.954792
#2	.2498800	2.444897	24.54338	.9934192	2.451595	1.245468	4.930154
#3	.2483619	2.441246	24.41882	.9940186	2.446149	1.246652	4.944253

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.458811	24.46837	2.451927	1.242847	25.61060	2.457110	2.501338
Stddev	.002643	.14715	.003531	.003522	.14186	.006572	.008136
%RSD	.1074971	.6013892	.1439990	.2834119	.5539179	.2674813	.3252604

#1	2.456718	24.47793	2.455774	1.239067	25.64283	2.452035	2.494598
#2	2.457933	24.61050	2.448835	1.243438	25.45540	2.464534	2.499041
#3	2.461781	24.31667	2.451171	1.246037	25.73358	2.454762	2.510375

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.94040	4.988618	5.011083	4.936833	4.931297	4.893543	4.825847
Stddev	.12112	.031084	.006911	.005830	.004662	.027630	.008441
%RSD	.4668999	.6230892	.1379229	.1180857	.0945483	.5646146	.1749192

#1	26.03905	4.953659	5.018255	4.943280	4.931303	4.893915	4.825700
#2	25.80523	5.013141	5.004465	4.931931	4.935956	4.865729	4.817480
#3	25.97692	4.999052	5.010528	4.935290	4.926631	4.920985	4.834361

Sample Name: CCV01 Acquired: 4/15/2025 16:26:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.901906	4.899159	4.952441
Stddev	.007284	.003042	.022086
%RSD	.1485920	.0620891	.4459641
#1	4.903452	4.901711	4.933863
#2	4.893973	4.895793	4.946600
#3	4.908293	4.899972	4.976861

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2663.459	63933.98	12545.97	1788.781	3761.079
Stddev	2.025	103.40	53.05	5.776	4.466
%RSD	.0760127	.1617301	.4228055	.3228840	.1187529
#1	2664.419	63966.78	12595.70	1795.179	3759.715
#2	2661.133	64017.01	12490.14	1787.212	3757.454
#3	2664.824	63818.16	12552.09	1783.952	3766.069

Sample Name: CCB01 Acquired: 4/15/2025 16:30:53 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043154	.0002286	.0006143	.0037424	-.000480	-.000358	-.000946
Stddev	.0016853	.0009150	.0007677	.0009319	.000938	.003671	.000677
%RSD	39.05348	400.2740	124.9650	24.90227	195.5784	1025.939	71.56309
#1	.0034739	-.000236	.0002357	.0039282	-.001463	-.001082	-.001237
#2	.0062558	-.000361	.0001095	.0045673	.000407	-.003613	-.001428
#3	.0032165	.001283	.0014977	.0027315	-.000384	.003621	-.000172
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000033	-.000110	.0004119	-.000065	-.000058	-.000651	-.008113
Stddev	.000027	.000016	.0058420	.000378	.000198	.000152	.002722
%RSD	82.02763	14.13425	1418.504	578.5215	342.5902	23.38031	33.55552
#1	-.000061	-.000095	.0053785	-.000405	-.000062	-.000490	-.010435
#2	-.000031	-.000110	.0018818	.000341	-.000254	-.000669	-.008787
#3	-.000007	-.000126	-.006025	-.000131	.000142	-.000793	-.005117
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008611	-.001034	.0000741	-.000081	-.080389	-.000596	-.000100
Stddev	.0003185	.015796	.0002187	.000405	.010349	.002428	.000439
%RSD	36.98284	1528.249	295.1276	502.1373	12.87362	407.1739	438.5833
#1	.0005652	-.018959	.0000366	-.000455	-.085827	.000287	-.000589
#2	.0011981	.005011	.0003091	.000349	-.068455	.001266	.000027
#3	.0008200	.010848	-.000123	-.000135	-.086886	-.003342	.000262
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0555636	.0127632	.0003885	-.000298	.0004621	-.000795	.0014625
Stddev	.0149664	.0011139	.0000657	.000981	.0003770	.008050	.0020724
%RSD	26.93562	8.727536	16.91777	329.3571	81.58692	1012.238	141.7059
#1	.0385494	.0138877	.0003446	-.000551	.0005637	.001592	.0038507
#2	.0614473	.0127416	.0004641	.000785	.0007780	.005791	.0001369
#3	.0666940	.0116602	.0003568	-.001127	.0000447	-.009769	.0003999

Sample Name: CCB01 Acquired: 4/15/2025 16:30:53 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001852	-.003562	-.000097
Stddev	.001635	.000896	.000111
%RSD	88.28440	25.14571	113.5619
#1	-.002692	-.003135	-.000066
#2	-.002897	-.002959	-.000220
#3	.000032	-.004591	-.000006

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2763.286	65755.35	12786.13	1848.891	4252.756
Stddev	3.670	122.08	68.08	4.937	10.224
%RSD	.1328121	.1856516	.5324523	.2670257	.2404027
#1	2759.305	65702.27	12830.86	1845.873	4251.086
#2	2764.017	65894.98	12819.75	1846.211	4263.712
#3	2766.535	65668.80	12707.78	1854.588	4243.470

Sample Name: PB167584BL Acquired: 4/15/2025 16:35:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023980	.0019220	-.000888	.0005531	-.000610	.0054047	-.001153
Stddev	.0026181	.0009136	.000516	.0025892	.001899	.0039959	.000455
%RSD	109.1774	47.53302	58.06733	468.0905	311.3557	73.93421	39.49632
#1	-.000580	.0015412	-.001005	.0023395	-.000934	.0052735	-.001499
#2	.003434	.0012604	-.000324	-.002416	-.002326	.0014760	-.000637
#3	.004340	.0029644	-.001336	.001736	.001430	.0094647	-.001323
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000029	-.000090	-.002570	-.000193	-.000077	-.000763	-.006971
Stddev	.0000330	.000039	.007158	.000247	.000043	.000145	.001892
%RSD	1140.692	42.97283	278.4651	128.3447	55.94951	18.95145	27.13751
#1	.0000129	-.000089	-.006141	-.000425	-.000124	-.000878	-.004829
#2	.0000298	-.000052	-.007241	.000067	-.000067	-.000811	-.007672
#3	-.000034	-.000129	.005670	-.000221	-.000040	-.000601	-.008413
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001215	-.017837	.0000002	-.000234	-.095163	-.001060	-.000398
Stddev	.000412	.023154	.0001860	.000200	.004668	.000731	.000321
%RSD	33.88356	129.8111	82378.38	85.62871	4.905631	68.98305	80.70509
#1	-.001426	-.044536	.0001851	-.000373	-.100548	-.000539	-.000498
#2	-.000740	-.005711	-.000187	-.000323	-.092683	-.001896	-.000039
#3	-.001478	-.003264	.000002	-.000004	-.092259	-.000745	-.000657
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0338047	.0073774	.0001137	-.000784	.0000095	-.009125	.0000697
Stddev	.0097886	.0013016	.0002454	.000792	.0003168	.009122	.0016545
%RSD	28.95624	17.64249	215.7861	100.9889	3329.768	99.97164	2374.521
#1	.0365544	.0061324	-.000084	.000075	-.000352	.000514	-.000053
#2	.0419243	.0087289	.000036	-.001484	.000241	-.017623	.001782
#3	.0229353	.0072709	.000389	-.000944	.000139	-.010265	-.001520

Sample Name: PB167584BL Acquired: 4/15/2025 16:35:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000532	-.003586	-.000079
Stddev	.001992	.001293	.000055
%RSD	374.4952	36.05299	69.15797
#1	-.000654	-.002329	-.000074
#2	-.002460	-.004912	-.000136
#3	.001518	-.003518	-.000027

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2781.950	66548.38	12931.58	1863.471	4324.226
Stddev	6.437	73.67	55.18	6.679	6.150
%RSD	.2313885	.1106987	.4266765	.3584140	.1422116
#1	2776.625	66601.68	12987.08	1857.471	4317.709
#2	2789.104	66464.31	12876.73	1862.275	4329.926
#3	2780.121	66579.14	12930.92	1870.668	4325.041

Sample Name: PB167584BS Acquired: 4/15/2025 16:39:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7802385	1.998285	.9298608	2.010357	.7959657	1.841751
Stddev	.0026324	.011520	.0023947	.015656	.0060967	.006763
%RSD	.3373816	.5764926	.2575292	.7787776	.7659498	.3671900
#1	.7773830	1.985890	.9323098	1.992606	.7902651	1.838745
#2	.7807639	2.000303	.9275245	2.016271	.7952386	1.837012
#3	.7825686	2.008663	.9297481	2.022196	.8023933	1.849496
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1774438	.1897116	.1864003	.9429016	.3845151	.1799279
Stddev	.0002961	.0007751	.0002393	.0057166	.0010093	.0003701
%RSD	.1668885	.4085666	.1283945	.6062781	.2624938	.2057182
#1	.1773209	.1890503	.1863212	.9390299	.3856508	.1802754
#2	.1777816	.1905645	.1862105	.9402075	.3837207	.1795386
#3	.1772288	.1895199	.1866692	.9494675	.3841737	.1799698
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2913021	2.799936	.1843986	1.803366	.4535011	.0715743
Stddev	.0003171	.011577	.0011024	.009397	.0013307	.0002905
%RSD	.1088668	.4134839	.5978118	.5210683	.2934379	.4058458
#1	.2911118	2.786882	.1832562	1.810623	.4530218	.0712787
#2	.2911264	2.808959	.1844837	1.792752	.4524763	.0715848
#3	.2916682	2.803966	.1854560	1.806724	.4550051	.0718594
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.482062	.2733744	.1966108	9.007229	.2802793	.3975284
Stddev	.011107	.0038281	.0005217	.017899	.0006215	.0016016
%RSD	.4474900	1.400302	.2653421	.1987189	.2217299	.4028797
#1	2.494042	.2690017	.1968629	9.001251	.2797817	.3964209
#2	2.480037	.2761208	.1969585	9.027352	.2809759	.3967996
#3	2.472106	.2750008	.1960109	8.993084	.2800803	.3993648

Sample Name: PB167584BS Acquired: 4/15/2025 16:39:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6501805	.1870902	F .6543771	5.245798	F -.008790	.1881026
Stddev	.0017923	.0003805	.0082001	.010293	.002070	.0014467
%RSD	.2756575	.2034017	1.253110	.1962234	23.55286	.7691057
#1	.6481818	.1867313	.6460483	5.236105	-.011072	.1864731
#2	.6507148	.1870500	.6546408	5.244688	-.008266	.1885991
#3	.6516447	.1874892	.6624421	5.256602	-.007032	.1892358

Elem	Sr4077
Units	ppm
Avg	.1872061
Stddev	.0005109
%RSD	.2728913
#1	.1866810
#2	.1872359
#3	.1877014

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2759.033	65167.39	12993.31	1817.678	4179.151
Stddev	8.601	94.46	22.59	4.490	7.036
%RSD	.3117521	.1449464	.1738351	.2470446	.1683566
#1	2762.432	65080.07	12988.49	1813.372	4178.634
#2	2765.416	65154.44	12973.52	1817.329	4186.431
#3	2749.252	65267.65	13017.92	1822.333	4172.388

Sample Name: Q1783-01 Acquired: 4/15/2025 16:43:36 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0242818	.0057294	.6617014	-.004423	-.011304	105.4516	.6015618
Stddev	.0012092	.0011391	.0065653	.000917	.001880	.0537	.0021616
%RSD	4.979884	19.88177	.9921864	20.73211	16.63157	.0509462	.3593319
#1	.0229224	.0051496	.6692114	-.003808	-.012183	105.4824	.5991147
#2	.0252375	.0070418	.6570500	-.003985	-.012583	105.3896	.6032112
#3	.0246856	.0049968	.6588427	-.005477	-.009145	105.4828	.6023594
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080800	-.002120	43.23292	.3003440	.1379486	.4608446	279.5780
Stddev	.0000821	.000404	.16829	.0002839	.0007001	.0032179	1.0476
%RSD	1.016179	19.06183	.3892587	.0945306	.5074736	.6982584	.3747067
#1	.0080541	-.001657	43.05573	.3005626	.1387117	.4643624	278.4454
#2	.0080140	-.002304	43.25240	.3000231	.1377978	.4580496	279.7765
#3	.0081719	-.002401	43.39061	.3004463	.1373362	.4601218	280.5122
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.377178	40.07318	.2208290	-.015034	4.718625	.5457211	1.169589
Stddev	.021786	.06570	.0012314	.000287	.037702	.0004468	.007322
%RSD	.4977215	.1639456	.5576454	1.911837	.7990134	.0818710	.6260651
#1	4.352391	39.99939	.2221925	-.015273	4.683687	.5452531	1.164798
#2	4.385852	40.09484	.2197980	-.015114	4.713601	.5457671	1.178017
#3	4.393292	40.12532	.2204963	-.014715	4.758588	.5461431	1.165950
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.059006	-.075453	.0094711	.0110997	5.559534	1.731702	5.193767
Stddev	.006289	.000215	.0005110	.0011627	.018826	.002703	.033496
%RSD	.1037909	.2850383	5.395098	10.47469	.3386203	.1560992	.6449305
#1	6.060863	-.075376	.0099972	.0101874	5.538633	1.728661	5.232106
#2	6.051998	-.075288	.0089767	.0107029	5.564813	1.732614	5.170171
#3	6.064158	-.075696	.0094394	.0124088	5.575158	1.733832	5.179024

Sample Name: Q1783-01 Acquired: 4/15/2025 16:43:36 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.565171	.2162303	.1647615
Stddev	.014599	.0011554	.0008060
%RSD	.5691363	.5343497	.4891632
#1	2.582016	.2152060	.1638410
#2	2.557322	.2174828	.1651031
#3	2.556175	.2160020	.1653404

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3094.919	73881.10	15542.96	2050.241	3682.052
Stddev	13.292	65.91	33.43	10.353	22.668
%RSD	.4294766	.0892137	.2150872	.5049834	.6156263
#1	3079.656	73925.33	15578.14	2051.046	3656.932
#2	3103.953	73912.63	15539.15	2039.509	3688.243
#3	3101.147	73805.35	15511.60	2060.169	3700.981

Sample Name: Q1784-01 Acquired: 4/15/2025 16:47:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006585	.0064408	.8543729	-.000167	-.010868	87.91129	.3977577
Stddev	.0006588	.0038974	.0016836	.001582	.001111	.26442	.0019004
%RSD	100.0504	60.51165	.1970531	947.8936	10.22524	.3007849	.4777889
#1	.0001312	.0064147	.8554645	-.000882	-.010864	88.02026	.3959596
#2	.0013970	.0025565	.8524340	.001646	-.009759	87.60980	.3975673
#3	.0004472	.0103513	.8552203	-.001265	-.011981	88.10382	.3997462
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052173	.0004611	34.44925	.1366672	.0990059	.1904752	198.6003
Stddev	.0000625	.0002515	.17603	.0006935	.0004034	.0007410	.5917
%RSD	1.198478	54.54718	.5109933	.5074210	.4074095	.3890066	.2979328
#1	.0051466	.0007269	34.41392	.1366522	.0994423	.1907638	198.0855
#2	.0052401	.0002269	34.29356	.1373681	.0986467	.1896334	199.2467
#3	.0052652	.0004295	34.64027	.1359814	.0989289	.1910285	198.4686
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.010636	22.62306	.1572063	-.010059	5.934777	.2621930	.4165677
Stddev	.018236	.19056	.0003540	.000195	.054605	.0014205	.0032463
%RSD	.4546859	.8423223	.2251673	1.933567	.9200834	.5417875	.7792968
#1	4.001239	22.55886	.1569719	-.010226	5.903458	.2617311	.4172331
#2	3.999016	22.47290	.1576134	-.009846	5.997829	.2610610	.4130402
#3	4.031654	22.83743	.1570335	-.010106	5.903045	.2637871	.4194297
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.789667	-.069445	.0029040	.0118724	2.259600	1.232977	8.013557
Stddev	.058238	.003347	.0000744	.0006500	.007153	.012444	.008673
%RSD	.8577411	4.819412	2.560207	5.474836	.3165568	1.009259	.1082342
#1	6.787518	-.071990	.0028223	.0124529	2.256447	1.244285	8.010023
#2	6.848949	-.065653	.0029217	.0111701	2.254565	1.235002	8.023440
#3	6.732533	-.070691	.0029679	.0119943	2.267787	1.219645	8.007209

Sample Name: Q1784-01 Acquired: 4/15/2025 16:47:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.370578	.1447434	.1336048
Stddev	.007727	.0004604	.0002399
%RSD	.2292483	.3180473	.1795255
#1	3.377782	.1442168	.1334721
#2	3.371537	.1449435	.1334606
#3	3.362417	.1450698	.1338816

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3569.178	85189.91	18291.69	2389.105	3769.477
Stddev	1.675	4.73	139.81	12.173	2.449
%RSD	.0469310	.0055578	.7643364	.5095086	.0649794
#1	3570.443	85188.01	18300.02	2377.077	3766.834
#2	3567.278	85195.30	18427.14	2401.417	3771.670
#3	3569.811	85186.43	18147.90	2388.822	3769.928

Sample Name: Q1785-01 Acquired: 4/15/2025 16:51:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000806	.0073829	.4420351	-.004989	-.010731	68.17771	.4092840
Stddev	.004803	.0024182	.0010015	.001647	.001143	.16256	.0005943
%RSD	595.8097	32.75481	.2265538	33.02122	10.64827	.2384372	.1452087
#1	-.006264	.0101341	.4416875	-.003223	-.011793	68.07319	.4086591
#2	.002774	.0055938	.4431640	-.006484	-.009522	68.36499	.4093506
#3	.001072	.0064207	.4412538	-.005259	-.010880	68.09493	.4098421
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049501	-.003806	115.0421	.1648010	.0733699	.3383813	171.1063
Stddev	.0000845	.000061	.1511	.0005074	.0001532	.0009642	.7551
%RSD	1.705950	1.610408	.1313547	.3079084	.2087887	.2849427	.4412994
#1	.0049454	-.003774	115.1083	.1642783	.0733941	.3373027	170.6804
#2	.0050369	-.003767	115.1490	.1648330	.0735096	.3391595	170.6604
#3	.0048682	-.003876	114.8693	.1652917	.0732061	.3386817	171.9782
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.152617	50.33467	.1477365	-.008430	4.093209	.2519507	.6886915
Stddev	.006651	.12554	.0003029	.000134	.021152	.0023110	.0018298
%RSD	.2109573	.2494157	.2050515	1.593530	.5167696	.9172480	.2656869
#1	3.157058	50.35899	.1473988	-.008574	4.103088	.2495290	.6903843
#2	3.155822	50.44627	.1478261	-.008406	4.068924	.2521907	.6867502
#3	3.144970	50.19874	.1479845	-.008309	4.107614	.2541323	.6889401
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.597406	.0237730	.0050286	.0162870	2.606692	2.083137	3.684564
Stddev	.019737	.0022590	.0002651	.0006144	.002004	.012993	.013596
%RSD	.2991632	9.502291	5.270956	3.772569	.0768650	.6237007	.3690097
#1	6.577565	.0229279	.0051393	.0163243	2.605789	2.070292	3.691901
#2	6.597616	.0220584	.0052204	.0168819	2.608988	2.082847	3.668876
#3	6.617037	.0263327	.0047262	.0156547	2.605299	2.096273	3.692917

Sample Name: Q1785-01 Acquired: 4/15/2025 16:51:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.733001	.1370579	.5583588
Stddev	.004165	.0005826	.0004999
%RSD	.0879993	.4250456	.0895342
#1	4.731985	.1370290	.5580803
#2	4.729438	.1364903	.5589359
#3	4.737580	.1376544	.5580601

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2861.398	69039.83	14500.25	1929.609	3688.961
Stddev	4.037	124.35	56.02	2.356	3.425
%RSD	.1410740	.1801081	.3863333	.1220905	.0928389
#1	2866.037	69118.31	14468.11	1931.608	3688.042
#2	2859.472	69104.73	14467.71	1927.012	3692.751
#3	2858.685	68896.47	14564.94	1930.208	3686.089

Sample Name: Q1785-01DUP Acquired: 4/15/2025 16:55:54 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138429	.0078151	.4952566	-.001999	-.008134	65.70611	.4375922
Stddev	.0042983	.0045334	.0039090	.005721	.001253	.08240	.0019015
%RSD	31.05053	58.00838	.7892841	286.1534	15.40445	.1254104	.4345389
#1	.0138813	.0130454	.4995509	.001954	-.009244	65.73981	.4358037
#2	.0095256	.0050116	.4919055	-.008559	-.008383	65.76631	.4373836
#3	.0181219	.0053884	.4943134	.000607	-.006775	65.61219	.4395895
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046500	-.004668	115.6977	.1630476	.0711826	.3197302	166.6429
Stddev	.0000462	.000147	.1118	.0001159	.0002347	.0026325	1.0784
%RSD	.9941704	3.147005	.0966729	.0710683	.3297352	.8233375	.6471277
#1	.0046125	-.004562	115.5814	.1629157	.0714306	.3226648	167.8718
#2	.0046359	-.004836	115.8045	.1631331	.0711532	.3175767	166.2025
#3	.0047017	-.004607	115.7071	.1630939	.0709639	.3189491	165.8545
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.051214	50.01004	.1387045	-.008150	4.180663	.2399419	.6489490
Stddev	.009041	.04793	.0010820	.000281	.044428	.0010240	.0029474
%RSD	.2963000	.0958420	.7801053	3.450234	1.062713	.4267817	.4541800
#1	3.061134	49.96959	.1399368	-.007878	4.205566	.2396040	.6521372
#2	3.049069	49.99754	.1382671	-.008133	4.207054	.2410922	.6483861
#3	3.043439	50.06298	.1379097	-.008440	4.129369	.2391296	.6463236
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.605321	.0518976	.0050567	.0120918	2.556003	2.832327	3.637785
Stddev	.023831	.0035447	.0000457	.0010220	.005067	.004250	.016490
%RSD	.3607807	6.830158	.9041974	8.452370	.1982542	.1500649	.4532987
#1	6.618025	.0557851	.0050172	.0131152	2.558367	2.837123	3.655364
#2	6.620109	.0510631	.0051068	.0120890	2.559456	2.829028	3.622659
#3	6.577830	.0488446	.0050461	.0110711	2.550185	2.830829	3.635331

Sample Name: Q1785-01DUP Acquired: 4/15/2025 16:55:54 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.341052	.1310732	.5622557
Stddev	.023582	.0005165	.0002953
%RSD	.4415195	.3940914	.0525142
#1	5.358898	.1306016	.5619826
#2	5.314318	.1316253	.5622154
#3	5.349940	.1309928	.5625690

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2870.860	68620.60	14693.39	1910.334	3715.423
Stddev	16.878	48.37	49.28	5.852	22.088
%RSD	.5879201	.0704826	.3353609	.3063292	.5944920
#1	2852.412	68565.14	14750.26	1904.550	3690.674
#2	2885.527	68642.60	14663.17	1910.201	3733.133
#3	2874.642	68654.05	14666.76	1916.252	3722.463

Sample Name: Q1785-01LX5 Acquired: 4/15/2025 17:00:00 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018512	.0025953	.0927148	-.002399	-.005390	14.78295	.0862213
Stddev	.0004457	.0012327	.0017123	.003147	.000495	.01224	.0011167
%RSD	24.07298	47.49662	1.846822	131.1828	9.189366	.0827657	1.295211
#1	.0020355	.0033523	.0908002	-.005197	-.004819	14.76888	.0849392
#2	.0013430	.0032607	.0940995	.001009	-.005689	14.78883	.0869815
#3	.0021752	.0011729	.0932448	-.003009	-.005663	14.79113	.0867433
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011117	-.001259	25.13787	.0363399	.0144947	.0770085	35.65820
Stddev	.0000202	.000108	.11601	.0004556	.0003154	.0004444	.08870
%RSD	1.815207	8.551158	.4614811	1.253719	2.176183	.5771480	.2487518
#1	.0011189	-.001249	25.04948	.0368500	.0141798	.0766760	35.75708
#2	.0010890	-.001372	25.26923	.0359734	.0148107	.0768361	35.58565
#3	.0011274	-.001157	25.09490	.0361961	.0144936	.0775133	35.63185
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6885937	11.03381	.0298752	-.001837	.7150695	.0535643	.1496360
Stddev	.0022015	.02456	.0000922	.000301	.0040339	.0018843	.0004526
%RSD	.3197140	.2226142	.3085779	16.37848	.5641318	3.517744	.3024869
#1	.6888472	11.02591	.0298238	-.001545	.7119086	.0533040	.1499377
#2	.6906576	11.06135	.0298202	-.002146	.7196129	.0518238	.1491156
#3	.6862764	11.01417	.0299816	-.001821	.7136870	.0555652	.1498547
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.305201	-.000008	.0012090	.0005017	.5633995	.4311630	.7380238
Stddev	.015225	.000622	.0005453	.0006167	.0017810	.0146638	.0053758
%RSD	1.166499	7970.341	45.10755	122.9183	.3161220	3.400975	.7284046
#1	1.287644	-.000573	.0008117	.0004185	.5624444	.4216053	.7441033
#2	1.314760	-.000110	.0009845	.0011558	.5654544	.4238377	.7360697
#3	1.313200	.000659	.0018307	-.000069	.5622998	.4480462	.7338984

Sample Name: Q1785-01LX5 Acquired: 4/15/2025 17:00:00 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9316027	.0254557	.1170090
Stddev	.0035714	.0003958	.0002868
%RSD	.3833623	1.554788	.2451282
#1	.9280145	.0252990	.1169055
#2	.9316365	.0251622	.1173332
#3	.9351571	.0259058	.1167883

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2773.139	67218.76	13471.47	1840.569	4013.062
Stddev	5.056	107.78	90.76	6.328	4.723
%RSD	.1823353	.1603377	.6736851	.3437963	.1176999
#1	2772.317	67094.66	13515.17	1833.267	4009.970
#2	2778.555	67272.74	13367.14	1844.439	4018.499
#3	2768.543	67288.88	13532.12	1844.002	4010.717

Sample Name: Q1785-01MS Acquired: 4/15/2025 17:04:15 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6855441	1.819322	1.333071	1.653390	.6980581	69.69131	.5603791
Stddev	.0059909	.011146	.003755	.002868	.0071248	.06965	.0012635
%RSD	.8738936	.6126291	.2817133	.1734430	1.020659	.0999352	.2254702

#1	.6916610	1.829204	1.330181	1.653643	.6938780	69.74094	.5612780
#2	.6796877	1.807240	1.331716	1.656122	.6940115	69.61169	.5609249
#3	.6852835	1.821522	1.337316	1.650404	.7062847	69.72129	.5589345

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1640723	.1793831	115.4309	.5000492	.2519228	.5728173	170.5373
Stddev	.0005784	.0010468	.1000	.0018564	.0008991	.0023156	1.3215
%RSD	.3525052	.5835763	.0866046	.3712334	.3568979	.4042422	.7749068

#1	.1634414	.1784467	115.5460	.5014268	.2511231	.5725593	172.0632
#2	.1641982	.1791894	115.3657	.4979382	.2517493	.5706415	169.7769
#3	.1645774	.1805133	115.3811	.5007827	.2528960	.5752510	169.7717

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.257114	51.86956	.5902892	.0558955	6.453256	.4893127	.8458448
Stddev	.006976	.08716	.0016467	.0000927	.064376	.0015409	.0030608
%RSD	.2141777	.1680387	.2789578	.1658489	.9975742	.3149016	.3618637

#1	3.261970	51.94962	.5899023	.0559929	6.525708	.4897918	.8488823
#2	3.260252	51.77671	.5888704	.0558083	6.402633	.4905571	.8427612
#3	3.249120	51.88234	.5920948	.0558853	6.431425	.4875892	.8458909

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.39471	.2361929	.3589304	.6668410	2.760946	3.674632	8.931512
Stddev	.11508	.0043732	.0017294	.0032208	.005330	.035838	.027794
%RSD	.7475311	1.851529	.4818302	.4829942	.1930546	.9752756	.3111878

#1	15.52650	.2406800	.3592886	.6649024	2.764303	3.714261	8.907404
#2	15.31410	.2319433	.3570499	.6650617	2.754800	3.644497	8.925220
#3	15.34352	.2359553	.3604527	.6705590	2.763735	3.665138	8.961912

Sample Name: Q1785-01MS Acquired: 4/15/2025 17:04:15 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.644637	.3103373	.7271139
Stddev	.020876	.0009036	.0012962
%RSD	.4494648	.2911768	.1782710
#1	4.637615	.3093623	.7286104
#2	4.628176	.3111466	.7263897
#3	4.668118	.3105029	.7263416

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2861.254	68212.47	14366.72	1869.684	3660.217
Stddev	4.719	244.81	55.31	1.432	5.322
%RSD	.1649421	.3588991	.3849902	.0765697	.1453967
#1	2859.481	67984.01	14429.17	1870.434	3661.775
#2	2866.603	68470.89	14347.09	1870.585	3664.586
#3	2857.678	68182.52	14323.91	1868.033	3654.290

Sample Name: Q1785-01MSD Acquired: 4/15/2025 17:08:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7041147	1.858298	1.365054	1.685212	.7007497	69.06259	.5805221
Stddev	.0035006	.001897	.005874	.004977	.0010947	.07373	.0021320
%RSD	.4971589	.1020926	.4302991	.2953340	.1562219	.1067580	.3672625
#1	.7006110	1.856653	1.361359	1.689151	.6994915	68.98202	.5787035
#2	.7076121	1.857868	1.361976	1.679619	.7012729	69.07905	.5799943
#3	.7041209	1.860373	1.371827	1.686867	.7014846	69.12670	.5828684
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1687630	.1822601	116.3711	.4963951	.2532453	.5765925	165.8071
Stddev	.0013983	.0002231	.5472	.0016582	.0001607	.0009560	.7507
%RSD	.8285630	.1223813	.4702498	.3340494	.0634539	.1658077	.4527429
#1	.1676010	.1822932	115.7863	.4975825	.2530913	.5773539	166.4583
#2	.1683731	.1820224	116.4562	.4945005	.2532326	.5755196	164.9861
#3	.1703148	.1824648	116.8708	.4971023	.2534119	.5769041	165.9770
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.268620	52.30866	.5944390	.0559318	6.472575	.4880171	.8297948
Stddev	.019061	.31735	.0021484	.0004043	.039138	.0009181	.0040015
%RSD	.5831479	.6066788	.3614200	.7229300	.6046729	.1881199	.4822304
#1	3.251027	51.97637	.5953267	.0558274	6.511471	.4869583	.8334406
#2	3.265963	52.34102	.5919890	.0555899	6.433199	.4885009	.8255136
#3	3.288870	52.60858	.5960013	.0563781	6.473054	.4885920	.8304303
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.23570	.2367896	.3601156	.6724707	2.750054	3.531202	9.078650
Stddev	.07668	.0051260	.0013934	.0026321	.007620	.015454	.031099
%RSD	.5032620	2.164780	.3869379	.3914139	.2770754	.4376329	.3425458
#1	15.31999	.2423222	.3617222	.6729793	2.742706	3.530042	9.056675
#2	15.21701	.2322018	.3592375	.6696214	2.749535	3.516361	9.065042
#3	15.17009	.2358447	.3593869	.6748114	2.757919	3.547203	9.114233

Sample Name: Q1785-01MSD Acquired: 4/15/2025 17:08:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.970823	.3150290	.7319858
Stddev	.020943	.0013056	.0021198
%RSD	.4213194	.4144340	.2895956
#1	4.994432	.3142749	.7303927
#2	4.954484	.3142755	.7311730
#3	4.963553	.3165366	.7343917

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2842.003	68617.48	14031.78	1919.800	3627.755
Stddev	7.029	109.03	127.82	5.602	8.383
%RSD	.2473089	.1588996	.9109584	.2918197	.2310670
#1	2835.466	68609.57	14171.03	1913.627	3623.577
#2	2849.437	68730.25	14004.53	1924.563	3637.405
#3	2841.105	68512.62	13919.78	1921.208	3622.282

Sample Name: Q1785-01A Acquired: 4/15/2025 17:12:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6982938	1.808933	1.383388	1.640089	.6933551	66.61129	.6291416
Stddev	.0016726	.005707	.005426	.003039	.0013068	.62027	.0047160
%RSD	.2395275	.3155073	.3921921	.1853250	.1884735	.9311787	.7495994
#1	.6994479	1.807527	1.389641	1.640290	.6937553	66.86360	.6328657
#2	.6963756	1.815211	1.379920	1.643023	.6944149	67.06565	.6307204
#3	.6990578	1.804059	1.380603	1.636954	.6918950	65.90463	.6238387
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1648967	.1772955	118.5456	.4890958	.2469416	.5557904	160.5557
Stddev	.0007238	.0001495	1.0861	.0011772	.0004615	.0019311	.8644
%RSD	.4389690	.0843295	.9161956	.2406810	.1868738	.3474482	.5383865
#1	.1647444	.1771324	119.1319	.4886596	.2472251	.5536032	161.1915
#2	.1656846	.1774261	119.2126	.4904288	.2471906	.5565083	160.9042
#3	.1642612	.1773279	117.2924	.4881991	.2464091	.5572597	159.5715
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.187837	52.17760	.5728831	.0558463	6.672696	.4757604	.7889506
Stddev	.026753	.48834	.0007600	.0002484	.027534	.0042955	.0025595
%RSD	.8392267	.9359250	.1326665	.4447385	.4126315	.9028798	.3244250
#1	3.207584	52.41985	.5721658	.0558971	6.688228	.4785279	.7877315
#2	3.198537	52.49745	.5736796	.0555764	6.688954	.4779414	.7918918
#3	3.157390	51.61549	.5728040	.0560653	6.640905	.4708119	.7872285
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.34080	.2611298	.3575905	.6529024	2.722104	4.884210	8.841469
Stddev	.11173	.0023837	.0006408	.0021740	.024047	.058382	.007837
%RSD	.7282906	.9128307	.1792022	.3329800	.8833877	1.195330	.0886409
#1	15.36885	.2638122	.3579415	.6527375	2.736380	4.859845	8.834684
#2	15.43582	.2603229	.3568508	.6508156	2.735592	4.950829	8.850048
#3	15.21772	.2592543	.3579791	.6551543	2.694341	4.841958	8.839676

Sample Name: Q1785-01A Acquired: 4/15/2025 17:12:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.483204	.3079484	.7496015
Stddev	.019019	.0024350	.0057129
%RSD	.3468528	.7907247	.7621202
#1	5.476566	.3092689	.7545024
#2	5.504651	.3094380	.7509751
#3	5.468393	.3051384	.7433271

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2886.394	69678.18	14380.80	1949.144	3721.038
Stddev	1.250	261.97	78.03	5.270	2.271
%RSD	.0433154	.3759697	.5426329	.2703991	.0610342
#1	2887.505	69675.75	14352.36	1952.237	3723.629
#2	2886.638	69417.44	14320.98	1943.059	3720.094
#3	2885.040	69941.36	14469.07	1952.137	3719.392

Sample Name: CCV02 Acquired: 4/15/2025 17:16:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.870991	4.961819	4.823325	4.882812	4.881273	9.770587	9.630988
Stddev	.008080	.020357	.013951	.021084	.016023	.014875	.061477
%RSD	.1658848	.4102673	.2892486	.4317913	.3282567	.1522472	.6383295
#1	4.876353	4.975761	4.820842	4.901243	4.895998	9.777970	9.663832
#2	4.861698	4.971238	4.810781	4.859822	4.864209	9.780327	9.669068
#3	4.874924	4.938459	4.838351	4.887372	4.883612	9.753465	9.560065
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2454691	2.391747	24.07028	.9875267	2.400237	1.222065	4.867620
Stddev	.0010926	.006166	.06738	.0014169	.005137	.003870	.036070
%RSD	.4450989	.2577986	.2799199	.1434775	.2140129	.3167156	.7410095
#1	.2444325	2.389806	24.02694	.9865243	2.399411	1.224342	4.894965
#2	.2453645	2.386786	24.14791	.9891477	2.395563	1.217596	4.881153
#3	.2466102	2.398650	24.03600	.9869081	2.405736	1.224257	4.826741
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.407176	24.09664	2.398721	1.229159	25.10269	2.421193	2.459945
Stddev	.007306	.06546	.005569	.002154	.17902	.006424	.009166
%RSD	.3034983	.2716543	.2321518	.1752519	.7131687	.2653134	.3726011
#1	2.401202	24.04563	2.396139	1.230382	25.15275	2.428591	2.470332
#2	2.415321	24.17045	2.394911	1.226672	25.25135	2.417027	2.452991
#3	2.405006	24.07384	2.405111	1.230423	24.90396	2.417961	2.456512
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.41994	4.898133	4.938525	4.807015	4.852082	4.856610	4.722930
Stddev	.17162	.021468	.009836	.013210	.012832	.021197	.015329
%RSD	.6751239	.4382821	.1991742	.2748008	.2644539	.4364655	.3245736
#1	25.40851	4.881337	4.944238	4.802446	4.844694	4.874656	4.735677
#2	25.59699	4.890743	4.927167	4.796696	4.866898	4.861907	4.705920
#3	25.25433	4.922320	4.944170	4.821902	4.844654	4.833266	4.727193

Sample Name: CCV02 Acquired: 4/15/2025 17:16:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.717001	4.791637	4.779330
Stddev	.013496	.016908	.008447
%RSD	.2861095	.3528654	.1767402
#1	4.729722	4.789065	4.770563
#2	4.702845	4.809683	4.787416
#3	4.718437	4.776162	4.780011

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2690.605	63843.67	12559.76	1789.763	3825.602
Stddev	7.348	60.75	36.79	4.329	3.758
%RSD	.2730979	.0951502	.2929382	.2418700	.0982416
#1	2682.645	63809.13	12599.28	1784.970	3822.413
#2	2697.128	63808.06	12553.49	1790.930	3829.745
#3	2692.043	63913.81	12526.50	1793.389	3824.647

Sample Name: CCB02 Acquired: 4/15/2025 17:20:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027210	.0018085	.0005503	-.000931	-.000616	.0034638	-.000154
Stddev	.0017110	.0028529	.0005198	.004285	.000987	.0026640	.000304
%RSD	62.88117	157.7571	94.46092	460.4265	160.2927	76.90946	196.9375
#1	.0042369	-.000455	.0009552	.000562	-.001513	.0031878	-.000212
#2	.0008657	.000867	.0007315	-.005763	.000442	.0062551	.000174
#3	.0030604	.005013	-.000036	.002409	-.000777	.0009486	-.000425
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000013	-.000110	.0058672	-.000260	.0000014	-.000482	.0019540
Stddev	.000006	.000072	.0051398	.000232	.0002971	.000295	.0012573
%RSD	50.37154	65.52796	87.60243	89.49059	21168.42	61.24217	64.34506
#1	-.000008	-.000038	.0092013	-.000467	.0003316	-.000544	.0034056
#2	-.000011	-.000110	-.000052	-.000009	-.000244	-.000161	.0012059
#3	-.000020	-.000182	.008452	-.000303	-.000083	-.000742	.0012505
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007056	-.002252	.0001362	.0002042	-.085103	-.001045	-.000259
Stddev	.0001948	.009172	.0000862	.0003193	.001693	.001109	.000283
%RSD	27.60214	407.3485	63.31836	156.3448	1.989130	106.0542	109.2148
#1	.0005318	.007539	.0002124	.0000194	-.083195	-.002128	.000065
#2	.0006690	-.003649	.0001536	.0005729	-.086422	-.001097	-.000382
#3	.0009161	-.010645	.0000426	.0000203	-.085693	.000088	-.000460
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0333640	.0118506	.0006215	-.000378	.0006947	-.005496	.0001964
Stddev	.0150839	.0004804	.0002129	.000249	.0001164	.001725	.0033132
%RSD	45.20996	4.053878	34.24952	65.80388	16.76015	31.38806	1686.658
#1	.0506189	.0121961	.0005680	-.000646	.0005638	-.003505	.0015876
#2	.0226812	.0120536	.0004405	-.000155	.0007335	-.006557	-.003586
#3	.0267919	.0113020	.0008560	-.000333	.0007868	-.006425	.002587

Sample Name: CCB02 Acquired: 4/15/2025 17:20:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005060	-.002055	-.000058
Stddev	.0032516	.001059	.000030
%RSD	642.5616	51.50751	51.30992
#1	.0023234	-.002157	-.000092
#2	-.003248	-.000950	-.000046
#3	.002443	-.003060	-.000036

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2783.583	68041.19	12718.93	1848.777	4315.819
Stddev	8.472	114.98	51.75	8.165	14.581
%RSD	.3043677	.1689891	.4068578	.4416217	.3378513
#1	2782.832	68172.57	12778.57	1855.425	4313.515
#2	2792.406	67992.12	12685.95	1839.664	4331.415
#3	2775.512	67958.89	12692.26	1851.243	4302.527

Sample Name: Q1787-09 Acquired: 4/15/2025 17:24:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1206319	.0325534	2.036874	.0099688	.0154054	99.99185	.9842530
Stddev	.0048440	.0024237	.003409	.0010728	.0013921	.09902	.0047371
%RSD	4.015491	7.445349	.1673508	10.76153	9.036475	.0990318	.4812864

#1	.1156890	.0309158	2.034778	.0088160	.0150580	99.96954	.9830049
#2	.1253704	.0314068	2.035038	.0101525	.0142200	99.90588	.9802650
#3	.1208364	.0353377	2.040808	.0109379	.0169384	100.1001	.9894892

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078970	-.003997	97.02054	.3474743	.1130965	.7807801	281.6456
Stddev	.0000687	.000029	.10926	.0020080	.0006458	.0005347	1.4465
%RSD	.8704416	.7378056	.1126116	.5778959	.5710340	.0684792	.5136016

#1	.0079209	-.004027	96.94916	.3495015	.1123655	.7806587	283.0659
#2	.0078195	-.003968	96.96615	.3474356	.1133344	.7803166	280.1742
#3	.0079505	-.003996	97.14632	.3454860	.1135897	.7813651	281.6966

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.817732	27.41075	.2212139	-.010892	5.960908	.2958305	1.866976
Stddev	.011489	.05906	.0009451	.000138	.030883	.0008998	.008862
%RSD	.4077326	.2154785	.4272194	1.265530	.5180958	.3041527	.4746480

#1	2.816010	27.42461	.2205233	-.010884	5.996475	.2961227	1.876235
#2	2.807202	27.46166	.2208274	-.011034	5.945356	.2948209	1.858575
#3	2.829985	27.34599	.2222909	-.010759	5.940891	.2965479	1.866118

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.03338	-.089946	.0134740	.1579901	2.160010	6.204178	4.400152
Stddev	.07198	.007458	.0002895	.0006626	.005407	.024469	.013131
%RSD	.6523763	8.292212	2.148697	.4193776	.2503433	.3944027	.2984206

#1	11.11565	-.081397	.0137987	.1574633	2.154319	6.223660	4.390523
#2	10.98202	-.093311	.0132428	.1577729	2.160633	6.176714	4.394823
#3	11.00246	-.095128	.0133805	.1587340	2.165080	6.212159	4.415109

Sample Name: Q1787-09 Acquired: 4/15/2025 17:24:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.799150	.2298240	.5272087
Stddev	.047642	.0005516	.0019037
%RSD	.6108585	.2400044	.3610817

#1	7.751164	.2291881	.5274132
#2	7.799846	.2301115	.5252111
#3	7.846440	.2301725	.5290019

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2851.785	68473.71	14703.41	1900.234	3640.306
Stddev	1.471	291.19	14.13	10.846	8.685
%RSD	.0515824	.4252573	.0961192	.5707948	.2385791

#1	2853.088	68138.31	14719.66	1889.790	3649.534
#2	2852.076	68620.81	14693.97	1911.443	3639.092
#3	2850.190	68662.00	14696.60	1899.469	3632.292

Sample Name: Q1788-01 Acquired: 4/15/2025 17:28:50 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0420324	.0144687	.9034818	-.016147	-.006786	153.9035	1.267855
Stddev	.0073730	.0010938	.0048250	.000994	.002087	.1221	.003078
%RSD	17.54112	7.559805	.5340463	6.156463	30.75669	.0793532	.2427912

#1	.0359026	.0155738	.9036169	-.017013	-.004570	153.9454	1.271361
#2	.0502139	.0144456	.8985907	-.015061	-.008714	153.9992	1.266609
#3	.0399807	.0133866	.9082379	-.016367	-.007075	153.7660	1.265594

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098649	.0021176	237.7590	.3420147	.1362888	.5577907	281.6527
Stddev	.0000400	.0003110	.7739	.0001246	.0004638	.0002193	.2477
%RSD	.4056373	14.68481	.3254858	.0364222	.3403151	.0393095	.0879574

#1	.0099093	.0024645	236.8695	.3421579	.1359586	.5578993	281.8531
#2	.0098537	.0018639	238.2779	.3419310	.1360888	.5579345	281.3757
#3	.0098317	.0020243	238.1296	.3419553	.1368191	.5575383	281.7292

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.680902	49.72115	.2508338	-.014829	10.31217	.3906884	2.049102
Stddev	.003953	.10199	.0004907	.000226	.04081	.0026207	.005881
%RSD	.0695759	.2051194	.1956060	1.526911	.3957662	.6707821	.2869849

#1	5.682203	49.72190	.2504952	-.014568	10.31265	.3936902	2.052756
#2	5.684040	49.82275	.2506097	-.014962	10.27112	.3888563	2.042318
#3	5.676463	49.61878	.2513965	-.014959	10.35274	.3895185	2.052231

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.44857	-.024704	.0076844	.0349175	4.509015	7.146326	6.545083
Stddev	.06105	.001536	.0004166	.0006286	.001249	.090914	.028165
%RSD	.2719381	6.217838	5.421452	1.800271	.0276920	1.272173	.4303250

#1	22.45328	-.023013	.0081553	.0353953	4.509479	7.043351	6.541977
#2	22.38530	-.026014	.0073641	.0351520	4.509965	7.180138	6.518599
#3	22.50712	-.025084	.0075336	.0342054	4.507601	7.215489	6.574672

Sample Name: Q1788-01 Acquired: 4/15/2025 17:28:50 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.234476	.2900711	1.269640
Stddev	.018803	.0009370	.013936
%RSD	.2599021	.3230267	1.097623
#1	7.221922	.2911478	1.264048
#2	7.225414	.2894402	1.259368
#3	7.256094	.2896253	1.285503

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3096.936	73623.55	15997.10	2090.482	3478.421
Stddev	2.575	167.71	28.37	5.157	7.538
%RSD	.0831522	.2277958	.1773220	.2466990	.2167107
#1	3094.291	73719.77	16029.84	2085.978	3479.001
#2	3099.435	73720.98	15981.61	2096.107	3485.653
#3	3097.082	73429.90	15979.85	2089.361	3470.610

Sample Name: Q1791-07 Acquired: 4/15/2025 17:33:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0501643	.0081710	.4728873	-.004478	-.011709	59.52626	.7448806
Stddev	.0060754	.0020287	.0009193	.002267	.001309	.19181	.0018710
%RSD	12.11101	24.82762	.1944097	50.63601	11.18132	.3222244	.2511776
#1	.0567914	.0100798	.4727940	-.006967	-.012799	59.49732	.7442652
#2	.0488437	.0083927	.4720182	-.003937	-.010257	59.73089	.7469818
#3	.0448579	.0060406	.4738497	-.002530	-.012071	59.35056	.7433949
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079119	-.004757	92.83970	.2445062	.0758599	.1794292	219.4927
Stddev	.0000068	.000313	.33994	.0009196	.0001633	.0006899	1.0794
%RSD	.0855975	6.579954	.3661556	.3761162	.2152290	.3844821	.4917771
#1	.0079138	-.005114	93.02849	.2455444	.0759949	.1788194	220.6776
#2	.0079175	-.004622	93.04333	.2441804	.0756784	.1792903	219.2350
#3	.0079044	-.004533	92.44726	.2437939	.0759063	.1801780	218.5654
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.430674	21.43869	.1384003	-.011689	4.641360	.3076471	.8844247
Stddev	.020109	.11171	.0005846	.000248	.029994	.0040829	.0040267
%RSD	.4538695	.5210813	.4224150	2.124758	.6462429	1.327135	.4552901
#1	4.448926	21.48021	.1379166	-.011818	4.672982	.3069128	.8889734
#2	4.433979	21.52371	.1382342	-.011403	4.613314	.3120472	.8829847
#3	4.409117	21.31217	.1390500	-.011847	4.637785	.3039811	.8813159
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.22658	-.052303	.0031967	.0695127	1.841106	7.031107	9.038187
Stddev	.02943	.002960	.0004852	.0007422	.005059	.012866	.016388
%RSD	.2406882	5.660175	15.17672	1.067755	.2747930	.1829885	.1813149
#1	12.25008	-.050192	.0026371	.0700204	1.840984	7.044751	9.029222
#2	12.23609	-.055687	.0034538	.0698569	1.846225	7.019194	9.028238
#3	12.19357	-.051031	.0034993	.0686609	1.836109	7.029375	9.057101

Sample Name: Q1791-07 Acquired: 4/15/2025 17:33:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	16.90828	.1656214	.7310528
Stddev	.02659	.0002852	.0020658
%RSD	.1572679	.1722115	.2825747
#1	16.92189	.1657850	.7318686
#2	16.87764	.1652920	.7325861
#3	16.92532	.1657870	.7287037

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2945.335	71331.98	14793.18	2001.745	3829.272
Stddev	1.329	316.96	57.27	14.575	4.817
%RSD	.0451367	.4443404	.3871468	.7281091	.1257879
#1	2946.822	70977.98	14747.61	1987.165	3825.579
#2	2944.262	71428.49	14774.47	2001.754	3834.720
#3	2944.920	71589.46	14857.47	2016.315	3827.516

Sample Name: Q1792-01 Acquired: 4/15/2025 17:37:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0375653	.0058518	.1565310	-.005054	-.008475	53.57620	.2364429
Stddev	.0002751	.0019556	.0028523	.003873	.001114	.07012	.0004172
%RSD	.7323972	33.41871	1.822163	76.62996	13.15093	.1308762	.1764366
#1	.0375137	.0036647	.1533038	-.004023	-.007251	53.50370	.2361283
#2	.0373197	.0064587	.1575749	-.001801	-.009432	53.58126	.2362843
#3	.0378626	.0074319	.1587142	-.009338	-.008741	53.64366	.2369161
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036755	-.004272	135.6882	.1146515	.0456690	.2202426	128.9143
Stddev	.0000195	.000108	.2857	.0009056	.0002789	.0002694	.3714
%RSD	.5308223	2.528056	.2105376	.7898873	.6107069	.1223167	.2881080
#1	.0036924	-.004396	135.3595	.1153332	.0455085	.2203706	129.3099
#2	.0036541	-.004201	135.8281	.1136239	.0459911	.2204242	128.5730
#3	.0036799	-.004218	135.8770	.1149973	.0455075	.2199331	128.8598
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.004595	39.37609	.0799513	-.007606	1.605075	.1739015	.4270351
Stddev	.008435	.15833	.0007938	.000136	.019523	.0005913	.0019270
%RSD	.4207853	.4021087	.9928288	1.789181	1.216314	.3400302	.4512441
#1	1.994991	39.20903	.0793866	-.007682	1.624014	.1738702	.4287019
#2	2.007990	39.39528	.0808588	-.007448	1.606192	.1733264	.4274781
#3	2.010803	39.52395	.0796084	-.007686	1.585017	.1745078	.4249251
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.161403	-.055848	.0036936	.0037908	.9836529	2.098028	2.862729
Stddev	.030669	.002720	.0003902	.0005770	.0025204	.004893	.010585
%RSD	.5941931	4.870158	10.56328	15.21995	.2562270	.2332071	.3697602
#1	5.133564	-.053175	.0036915	.0044570	.9831794	2.103591	2.854030
#2	5.194278	-.058612	.0033045	.0034545	.9814028	2.096102	2.859641
#3	5.156368	-.055758	.0040849	.0034610	.9863764	2.094392	2.874514

Sample Name: Q1792-01 Acquired: 4/15/2025 17:37:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.030488	.1084675	.8141035
Stddev	.001456	.0008516	.0004463
%RSD	.1412791	.7850789	.0548165
#1	1.029182	.1076344	.8145357
#2	1.032058	.1093363	.8141305
#3	1.030225	.1084317	.8136444

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2833.935	69579.07	14181.72	1909.784	3780.824
Stddev	3.872	20.83	73.16	2.814	11.918
%RSD	.1366123	.0299341	.5159045	.1473633	.3152237
#1	2838.295	69574.48	14265.83	1908.178	3793.268
#2	2830.900	69601.81	14132.83	1908.139	3769.513
#3	2832.609	69560.91	14146.50	1913.033	3779.691

Sample Name: PB167570BL Acquired: 4/15/2025 17:41:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019276	.0003233	.0001973	-.002060	-.000183	.0005082	-.001100
Stddev	.0028565	.0009963	.0012056	.003915	.001400	.0015983	.000275
%RSD	148.1912	308.1679	611.0518	190.1054	765.0813	314.4886	24.97636
#1	.0039521	-.000286	.0015332	-.000820	-.000747	.0007545	-.001215
#2	-.001340	.001473	-.000810	-.006445	.001411	-.001199	-.000787
#3	.003171	-.000217	-.000131	.001086	-.001212	.001969	-.001299
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000247	.0000053	-.004265	-.000551	.0001434	-.000377	-.010704
Stddev	.0000156	.0000480	.003136	.000371	.0000992	.000055	.003593
%RSD	63.32193	900.9747	73.51335	67.35277	69.17794	14.61932	33.56546
#1	.0000424	-.000046	-.007514	-.000904	.0001228	-.000343	-.010297
#2	.0000129	.000014	-.001256	-.000163	.0000561	-.000347	-.014483
#3	.0000188	.000048	-.004026	-.000587	.0002512	-.000440	-.007332
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001206	-.005954	-.000059	.0000618	-.107031	-.001601	-.000464
Stddev	.000184	.009420	.000188	.0003429	.015470	.002181	.000402
%RSD	15.26852	158.2269	318.3827	554.9395	14.45405	136.2420	86.66557
#1	-.001058	.004532	.000104	-.000263	-.123620	-.000592	-.000912
#2	-.001412	-.013703	-.000016	.000420	-.104476	-.004104	-.000342
#3	-.001148	-.008689	-.000265	.000028	-.092998	-.000107	-.000136
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0163971	.0017645	.0001788	-.001038	.0001239	-.010897	.0006240
Stddev	.0353404	.0007880	.0001488	.000455	.0002156	.006159	.0014241
%RSD	215.5280	44.65821	83.25295	43.78698	174.0440	56.52128	228.2368
#1	-.013138	.0020400	.0001347	-.001505	-.000087	-.004628	.0009405
#2	.006778	.0008757	.0003446	-.000598	.000344	-.011124	-.000932
#3	.055551	.0023777	.0000569	-.001011	.000114	-.016940	.001863

Sample Name: PB167570BL Acquired: 4/15/2025 17:41:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003320	-.003256	-.000033
Stddev	.0006530	.001242	.000035
%RSD	196.7241	38.15273	107.2038

#1	.0008197	-.002999	-.000034
#2	-.000410	-.002162	.000003
#3	.000586	-.004606	-.000068

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2804.860	66385.70	13238.24	1839.028	4372.719
Stddev	1.407	145.04	35.38	8.734	2.917
%RSD	.0501551	.2184844	.2672759	.4749020	.0667033

#1	2803.755	66308.88	13262.53	1833.630	4376.064
#2	2804.381	66295.23	13254.54	1834.349	4370.709
#3	2806.444	66553.00	13197.64	1849.104	4371.383

Sample Name: PB167570BS Acquired: 4/15/2025 17:45:44 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7684275	1.958694	.9181002	1.987482	.7867684	1.796558
Stddev	.0026174	.007063	.0042274	.005839	.0029919	.004414
%RSD	.3406148	.3605823	.4604531	.2937926	.3802745	.2457020

#1	.7674720	1.950801	.9206720	1.983578	.7866191	1.795277
#2	.7664221	1.964416	.9132212	1.984673	.7898321	1.792926
#3	.7713884	1.960867	.9204074	1.994194	.7838539	1.801471

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1734663	.1841544	.1836837	.9237803	.3737806	.1775425
Stddev	.0005024	.0010021	.0001802	.0051553	.0006312	.0004734
%RSD	.2896214	.5441768	.0980876	.5580616	.1688641	.2666373

#1	.1739651	.1852966	.1836045	.9297330	.3738067	.1769989
#2	.1729604	.1837434	.1838899	.9207806	.3731368	.1778637
#3	.1734734	.1834230	.1835566	.9208272	.3743983	.1777650

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2868767	2.748027	.1795923	1.782884	.4459013	.0700485
Stddev	.0007435	.003120	.0005123	.020270	.0011467	.0004246
%RSD	.2591712	.1135506	.2852728	1.136906	.2571685	.6062184

#1	.2860186	2.748918	.1800212	1.794674	.4447021	.0695781
#2	.2872819	2.750604	.1797308	1.759479	.4460148	.0704037
#3	.2873295	2.744558	.1790250	1.794500	.4469872	.0701636

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.406701	.2673826	.1908765	8.829629	.2723163	.3908792
Stddev	.039940	.0011638	.0009973	.051582	.0014375	.0024346
%RSD	1.659519	.4352730	.5224603	.5841956	.5278786	.6228438

#1	2.376342	.2683623	.1917368	8.775903	.2738415	.3886841
#2	2.391814	.2660961	.1897834	8.878760	.2721208	.3904557
#3	2.451946	.2676896	.1911094	8.834224	.2709865	.3934977

Sample Name: PB167570BS Acquired: 4/15/2025 17:45:44 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6389585	.1842932	F .6344988	5.109439	F -.007872	.1835827
Stddev	.0021141	.0020369	.0041321	.021735	.001198	.0001008
%RSD	.3308602	1.105265	.6512340	.4253828	15.21909	.0549220
#1	.6367039	.1843379	.6372387	5.084463	-.007768	.1834697
#2	.6408962	.1822343	.6365118	5.119792	-.009118	.1836150
#3	.6392755	.1863075	.6297460	5.124062	-.006729	.1836634

Elem	Sr4077
Units	ppm
Avg	.1830956
Stddev	.0001314
%RSD	.0717494
#1	.1831058
#2	.1832215
#3	.1829594

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2788.204	66462.01	13290.04	1854.528	4221.892
Stddev	5.318	157.32	96.11	8.796	4.496
%RSD	.1907235	.2367039	.7232091	.4742775	.1064894
#1	2793.793	66303.89	13180.79	1849.082	4226.990
#2	2787.613	66618.51	13327.73	1864.675	4218.493
#3	2783.207	66463.63	13361.60	1849.826	4220.193

Sample Name: PB167547TB Acquired: 4/15/2025 17:49:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006847	-.006032	-.000174	.0036407	.0017026	.0108290
Stddev	.0030931	.001263	.000401	.0007629	.0014901	.0041900
%RSD	451.7515	20.94253	230.4950	20.95505	87.52317	38.69219
#1	-.002732	-.006325	.000163	.0028908	.0026486	.0156672
#2	.001493	-.004648	-.000616	.0044160	.0024742	.0084124
#3	.003293	-.007124	-.000068	.0036152	-.000015	.0084075
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001634	-.000127	-.000197	.0143486	.0000012	-.000377
Stddev	.000701	.000073	.000018	.0010468	.0005363	.000159
%RSD	42.87103	57.34847	9.404410	7.295616	44059.82	42.10374
#1	-.001514	-.000205	-.000216	.0155390	.0004781	-.000538
#2	-.002387	-.000116	-.000194	.0139349	-.000579	-.000373
#3	-.001002	-.000060	-.000180	.0135718	.000105	-.000221
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002632	-.000764	F .0946820	.0067249	.0003840	-.000092
Stddev	.0002271	.004512	.0005476	.0092743	.0002165	.000386
%RSD	86.29152	590.5745	.5783490	137.9106	56.37122	419.6794
#1	.0002011	-.005931	.0953030	.0039033	.0001874	.000105
#2	.0000736	.002402	.0944748	.0170823	.0006160	-.000537
#3	.0005150	.001237	.0942683	-.000811	.0003487	.000156
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 666.2783	-.001192	.0007685	.0981046	.0012098	.0003652
Stddev	6.6378	.000975	.0002144	.0108007	.0003199	.0002929
%RSD	.9962517	81.85460	27.90425	11.00935	26.43922	80.19833
#1	673.7542	-.000991	.0007797	.0966283	.0015683	.0006066
#2	661.0765	-.002252	.0009771	.1095675	.0009535	.0004497
#3	664.0041	-.000332	.0005487	.0881181	.0011076	.0000394

Sample Name: PB167547TB Acquired: 4/15/2025 17:49:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008723	-.000512	-.000890	.0054819	F .0179846	-.004954
Stddev	.0008794	.000629	.004475	.0010859	.0035782	.000742
%RSD	100.8104	123.0087	502.9942	19.80963	19.89582	14.98033
#1	.0007504	-.001153	.002900	.0061608	.0150422	-.004975
#2	.0000602	-.000487	.000257	.0042294	.0219678	-.005685
#3	.0018063	.000105	-.005826	.0060554	.0169438	-.004201

Elem	Sr4077
Units	ppm
Avg	-.000086
Stddev	.000032
%RSD	37.73814
#1	-.000085
#2	-.000119
#3	-.000054

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2562.784	61489.77	13215.38	1751.572	3538.293
Stddev	8.889	54.07	9.68	4.017	8.047
%RSD	.3468617	.0879375	.0732695	.2293149	.2274215
#1	2552.525	61427.52	13212.02	1747.280	3529.066
#2	2567.617	61516.74	13207.82	1752.198	3543.859
#3	2568.209	61525.06	13226.29	1755.240	3541.953

Sample Name: Q1756-04 Acquired: 4/15/2025 17:54:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044731	-.004159	.0157843	.0095192	.0009830	.0524859	.5505733
Stddev	.0017433	.000782	.0012874	.0028231	.0012639	.0011456	.0026755
%RSD	38.97315	18.80352	8.156305	29.65733	128.5779	2.182714	.4859548
#1	.0025937	-.003495	.0152039	.0065676	.0021317	.0537415	.5535350
#2	.0047883	-.003960	.0148892	.0097964	-.000371	.0514976	.5498539
#3	.0060372	-.005020	.0172597	.0121935	.001188	.0522185	.5483310
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000057	-.000301	12.44163	-.000232	.0068385	.0132673	5.499868
Stddev	.000029	.000104	.09920	.000169	.0001879	.0003663	.051977
%RSD	51.25773	34.55389	.7973322	72.80733	2.747512	2.761227	.9450567
#1	-.000059	-.000313	12.54585	-.000189	.0066628	.0132570	5.450698
#2	-.000086	-.000399	12.43067	-.000088	.0070366	.0129062	5.494648
#3	-.000027	-.000192	12.34836	-.000418	.0068163	.0136387	5.554258
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.848216	1.832273	.0099094	-.000550	362.2204	-.001803	.1812411
Stddev	.011641	.017947	.0002542	.000276	2.5908	.001102	.0019753
%RSD	.6298562	.9794825	2.564970	50.16041	.7152611	61.15003	1.089868
#1	1.861240	1.846557	.0101825	-.000611	365.2018	-.001046	.1810121
#2	1.844585	1.812129	.0096798	-.000249	360.5166	-.003067	.1793903
#3	1.838823	1.838132	.0098659	-.000790	360.9427	-.001295	.1833210
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.597111	.0853703	.0000964	-.000687	-.000796	1.008757	.0096000
Stddev	.057495	.0016530	.0003455	.001200	.000444	.012816	.0009416
%RSD	1.598378	1.936231	358.3302	174.5401	55.74869	1.270476	9.808708
#1	3.548027	.0872509	-.000121	-.001092	-.001296	.997037	.0091553
#2	3.582939	.0847125	-.000085	.000662	-.000449	1.006793	.0089631
#3	3.660367	.0841476	.000495	-.001632	-.000643	1.022442	.0106816

Sample Name: Q1756-04 Acquired: 4/15/2025 17:54:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8601756	-.003023	.1242546
Stddev	.0021071	.001165	.0001133
%RSD	.2449554	38.54364	.0911554
#1	.8620573	-.002950	.1243517
#2	.8605704	-.004222	.1242820
#3	.8578991	-.001896	.1241302

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2643.306	62634.05	13096.68	1785.472	3733.890
Stddev	1.539	218.72	159.65	15.592	2.976
%RSD	.0582126	.3492018	1.219003	.8732798	.0797109
#1	2642.167	62756.70	12926.27	1789.262	3732.114
#2	2645.056	62763.93	13120.98	1798.820	3737.326
#3	2642.694	62381.53	13242.78	1768.334	3732.230

Sample Name: Q1760-04 Acquired: 4/15/2025 17:58:41 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002351	-.004427	.0109701	.0074906	.0004270	.0249145	.4736883
Stddev	.001514	.000701	.0005270	.0021930	.0014114	.0039930	.0028368
%RSD	64.39686	15.83869	4.803669	29.27702	330.5633	16.02692	.5988801
#1	-.004082	-.003676	.0115209	.0098317	-.001162	.0208809	.4757843
#2	-.001696	-.005065	.0104707	.0071560	.001535	.0249968	.4748204
#3	-.001275	-.004540	.0109188	.0054841	.000908	.0288657	.4704603
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000790	.0000034	9.941808	-.000253	.0040975	.0225871	.0282305
Stddev	.0000196	.0000879	.016672	.000244	.0000629	.0005948	.0012547
%RSD	24.78089	2591.958	.1676938	96.51521	1.534048	2.633338	4.444371
#1	.0000604	-.000078	9.954072	-.000516	.0040253	.0230218	.0295133
#2	.0000772	.000096	9.948527	-.000211	.0041270	.0228304	.0270060
#3	.0000994	-.000008	9.922825	-.000032	.0041402	.0219093	.0281721
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.229003	1.212030	.0037737	.0000526	334.6313	-.001554	.1403038
Stddev	.005942	.006034	.0000640	.0002573	2.9305	.001501	.0010355
%RSD	.4834693	.4978515	1.695614	489.5373	.8757443	96.61911	.7380318
#1	1.233274	1.216771	.0037089	.0003433	332.7313	-.002962	.1413682
#2	1.231518	1.205237	.0037755	-.000040	338.0063	-.001725	.1402433
#3	1.222217	1.214081	.0038368	-.000146	333.1564	.000026	.1392999
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5932350	.0708802	.0002700	-.000502	-.000360	.5953987	.0145941
Stddev	.0274963	.0009490	.0002389	.001016	.000271	.0045129	.0006552
%RSD	4.634970	1.338822	88.47990	202.3305	75.06915	.7579637	4.489620
#1	.6162718	.0707631	.0004092	-.000841	-.000562	.5939748	.0146181
#2	.5627951	.0699953	-.000006	.000640	-.000466	.6004519	.0152370
#3	.6006380	.0718823	.000407	-.001306	-.000053	.5917695	.0139272

Sample Name: Q1760-04 Acquired: 4/15/2025 17:58:41 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3676629	-.006050	.0508293
Stddev	.0044473	.001488	.0002847
%RSD	1.209604	24.59482	.5601088
#1	.3648596	-.007499	.0511550
#2	.3653384	-.006124	.0506274
#3	.3727907	-.004526	.0507056

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2612.911	62663.83	13172.51	1751.860	3689.589
Stddev	2.006	119.83	51.83	5.606	3.951
%RSD	.0767879	.1912330	.3935051	.3200286	.1070841
#1	2614.278	62676.50	13227.20	1748.648	3693.456
#2	2613.848	62538.17	13124.10	1748.598	3689.752
#3	2610.608	62776.83	13166.24	1758.333	3685.559

Sample Name: Q1760-08 Acquired: 4/15/2025 18:03:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001811	-.005448	.0044534	.0022671	-.000923	.0375696	.5385190
Stddev	.003210	.001315	.0015598	.0017311	.001821	.0075140	.0013553
%RSD	177.2498	24.14649	35.02508	76.35678	197.3300	20.00013	.2516776
#1	.001408	-.004851	.0026751	.0037196	-.000373	.0461925	.5398656
#2	-.001829	-.006956	.0050950	.0003516	-.002955	.0324248	.5371551
#3	-.005012	-.004536	.0055900	.0027302	.000560	.0340916	.5385363
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002816	.0000651	6.936252	-.000044	.0030827	.0111014	2.299182
Stddev	.0000548	.0001185	.029272	.000203	.0002087	.0003862	.007526
%RSD	19.46134	181.8810	.4220078	467.2543	6.768903	3.479123	.3273275
#1	.0003209	.0000489	6.964590	.000004	.0029590	.0106582	2.303385
#2	.0003049	.0001909	6.906128	.000132	.0029656	.0112797	2.290493
#3	.0002190	-.000044	6.938038	-.000267	.0033236	.0113663	2.303667
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.348341	.6803995	.0044563	.0001411	289.0933	-.002187	.1560862
Stddev	.010016	.0131100	.0003280	.0005328	2.0084	.000418	.0001930
%RSD	.2991455	1.926802	7.360617	377.7192	.6947278	19.12285	.1236563
#1	3.358550	.6698774	.0043538	.0006783	291.0910	-.002291	.1562715
#2	3.338528	.6950858	.0048234	.0001320	289.1144	-.002543	.1561007
#3	3.347945	.6762355	.0041919	-.000387	287.0744	-.001726	.1558863
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5872696	.0738619	.0001595	-.001501	-.000056	.3258221	.0069061
Stddev	.0226502	.0003505	.0001581	.000486	.000519	.0022406	.0003516
%RSD	3.856866	.4745136	99.09178	32.39220	932.8895	.6876645	5.090456
#1	.5859251	.0739748	.0000666	-.001754	.000543	.3270721	.0072859
#2	.5653215	.0741421	.0000699	-.000940	-.000376	.3271587	.0068403
#3	.6105620	.0734689	.0003421	-.001808	-.000334	.3232354	.0065921

Sample Name: Q1760-08 Acquired: 4/15/2025 18:03:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3919054	-.003841	.0347209
Stddev	.0072930	.000656	.0001137
%RSD	1.860903	17.08156	.3274250

#1	.3870453	-.004598	.0347157
#2	.3883795	-.003477	.0346099
#3	.4002913	-.003447	.0348371

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2633.782	62648.75	13541.81	1737.877	3746.064
Stddev	6.655	13.42	37.91	7.736	2.913
%RSD	.2526924	.0214261	.2799669	.4451472	.0777679

#1	2630.372	62636.21	13498.76	1729.274	3747.341
#2	2641.452	62647.13	13570.24	1744.261	3748.121
#3	2629.524	62662.91	13556.43	1740.096	3742.731

Sample Name: CCV03 Acquired: 4/15/2025 18:07:33 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.967939	5.015329	4.906926	5.012484	4.979748	9.767775	9.802499
Stddev	.008862	.025766	.004646	.010957	.005140	.010172	.092562
%RSD	.1783782	.5137411	.0946914	.2185912	.1032161	.1041415	.9442685
#1	4.971644	4.986100	4.907263	5.016335	4.983434	9.757816	9.852737
#2	4.957826	5.025137	4.911395	5.020995	4.973876	9.767361	9.859080
#3	4.974347	5.034751	4.902120	5.000121	4.981933	9.778148	9.695681
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2415813	2.438946	24.26673	.9963755	2.439081	1.236209	5.054752
Stddev	.0007923	.002054	.07590	.0039129	.000750	.001129	.020877
%RSD	.3279522	.0842114	.3127831	.3927177	.0307344	.0912969	.4130209
#1	.2407244	2.436843	24.20050	.9933195	2.438992	1.236157	5.037361
#2	.2422873	2.439049	24.25013	1.000786	2.438381	1.235107	5.048990
#3	.2417322	2.440947	24.34955	.995021	2.439872	1.237362	5.077905
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.419152	24.16013	2.440850	1.241154	24.98609	2.441114	2.491664
Stddev	.016160	.05774	.002028	.003299	.12294	.013120	.011263
%RSD	.6680013	.2389916	.0830780	.2658177	.4920414	.5374445	.4520434
#1	2.403500	24.10090	2.439063	1.237409	24.86252	2.431000	2.489844
#2	2.418181	24.16324	2.440434	1.243632	24.98734	2.436404	2.503726
#3	2.435777	24.21625	2.443054	1.242421	25.10840	2.455939	2.481421
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.15225	4.814598	4.980999	4.904426	4.866214	5.087028	4.770100
Stddev	.07871	.011483	.002111	.010099	.015345	.033605	.002876
%RSD	.3129500	.2385074	.0423730	.2059261	.3153289	.6605962	.0602962
#1	25.09695	4.803936	4.979374	4.892886	4.854930	5.051691	4.767444
#2	25.11743	4.813102	4.980238	4.908734	4.860025	5.118581	4.769700
#3	25.24237	4.826756	4.983384	4.911656	4.883686	5.090811	4.773155

Sample Name: CCV03 Acquired: 4/15/2025 18:07:33 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.822002	4.808016	4.931503
Stddev	.011515	.011478	.022496
%RSD	.2388023	.2387283	.4561782
#1	4.814779	4.801239	4.915496
#2	4.815945	4.801540	4.957224
#3	4.835281	4.821269	4.921789

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2690.161	64013.49	13038.89	1790.040	3802.009
Stddev	.705	102.85	19.72	9.600	5.563
%RSD	.0262001	.1606677	.1512660	.5363153	.1463080
#1	2690.975	64071.18	13061.55	1788.516	3808.400
#2	2689.737	63894.74	13029.59	1781.293	3799.372
#3	2689.771	64074.54	13025.54	1800.311	3798.256

Sample Name: CCB03 Acquired: 4/15/2025 18:11:44 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000729	-.000205	.0009186	.0019623	-.001621	.0010386	-.002095
Stddev	.001556	.000616	.0013014	.0007352	.002180	.0066492	.000661
%RSD	213.4124	299.7175	141.6805	37.46683	134.4530	640.2055	31.53572

#1	.000092	-.000911	.0009664	.0019663	-.003613	-.004051	-.002840
#2	.000245	.000070	-.000406	.0026955	-.001959	-.001395	-.001868
#3	-.002523	.000224	.002195	.0012251	.000708	.008562	-.001578

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000029	-.000068	.0002199	-.000342	.0000216	-.000772	-.004651
Stddev	.000041	.000032	.0026333	.000150	.0001541	.000476	.007195
%RSD	142.5346	47.49854	1197.286	43.90847	713.3108	61.60764	154.6743

#1	-.000076	-.000077	-.000178	-.000511	.0001893	-.001156	-.004456
#2	-.000010	-.000096	-.002192	-.000295	-.000011	-.000240	-.011942
#3	-.000000	-.000033	.003029	-.000221	-.000114	-.000921	.002443

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011439	.0003843	.0000797	-.000189	-.014258	-.002154	-.000053
Stddev	.0001488	.0057900	.0002596	.000301	.009982	.000946	.000307
%RSD	13.00770	1506.663	325.7580	159.1453	70.01349	43.91630	585.5084

#1	.0012135	.0021865	-.000056	.000084	-.025112	-.002859	.000074
#2	.0009731	.0050589	.000379	-.000140	-.012191	-.001079	.000172
#3	.0012451	-.006092	-.000084	-.000512	-.005471	-.002524	-.000403

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0662853	.0085036	.0005876	-.000445	.0002978	-.008460	.0007789
Stddev	.0124762	.0005533	.0001587	.000770	.0005534	.003773	.0016621
%RSD	18.82199	6.506025	27.00059	172.9375	185.8601	44.59668	213.3832

#1	.0519016	.0086275	.0005861	.000025	.0006549	-.004700	-.000775
#2	.0741762	.0089843	.0007470	-.001334	-.000340	-.012246	.002531
#3	.0727780	.0078989	.0004297	-.000027	.000578	-.008434	.000581

Sample Name: CCB03 Acquired: 4/15/2025 18:11:44 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010818	-.000496	-.000037
Stddev	.0037751	.000197	.000069
%RSD	348.9783	39.70726	185.9973
#1	-.002770	-.000723	-.000069
#2	.001241	-.000388	.000042
#3	.004775	-.000377	-.000084

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2804.583	67577.07	13189.58	1902.173	4310.926
Stddev	2.659	165.61	8.99	7.182	5.746
%RSD	.0948217	.2450736	.0681712	.3775932	.1332900
#1	2803.255	67386.52	13184.86	1894.149	4308.604
#2	2807.644	67658.32	13199.95	1908.003	4317.470
#3	2802.848	67686.36	13183.94	1904.365	4306.705

Sample Name: Q1771-04 Acquired: 4/15/2025 18:24:04 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001664	-.005012	.0445669	.0079659	.0012354	.0176793	.2078673
Stddev	.001763	.001136	.0010887	.0016395	.0025206	.0073091	.0009780
%RSD	105.9103	22.66189	2.442796	20.58175	204.0318	41.34295	.4704771
#1	-.001928	-.003757	.0448279	.0091148	.0024504	.0260779	.2084228
#2	-.003280	-.005309	.0455014	.0060883	-.001663	.0127583	.2084410
#3	.000215	-.005970	.0433715	.0086944	.002918	.0142016	.2067381
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000059	.0009116	52.30013	.0001882	.0579554	.0069851	.5676044
Stddev	.000005	.0000191	.06777	.0000982	.0000883	.0002765	.0031567
%RSD	7.789320	2.091992	.1295802	52.19209	.1523160	3.958470	.5561429
#1	-.000057	.0009277	52.35992	.0000927	.0580264	.0072319	.5648241
#2	-.000064	.0008906	52.22651	.0002889	.0579833	.0066863	.5710360
#3	-.000056	.0009165	52.31397	.0001831	.0578566	.0070371	.5669532
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.091417	1.963029	.0063661	.0001933	308.6316	-.001492	.1276785
Stddev	.002739	.004955	.0001190	.0000759	1.6711	.001321	.0004992
%RSD	.2509879	.2524104	1.869629	39.26661	.5414507	88.53052	.3909525
#1	1.090727	1.960343	.0065031	.0001063	309.3942	-.002006	.1279326
#2	1.089088	1.959997	.0063063	.0002459	306.7153	.000009	.1271035
#3	1.094435	1.968747	.0062887	.0002276	309.7854	-.002479	.1279996
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.820453	.0365912	.0005634	-.003059	-.001259	.8892762	.0092813
Stddev	.023287	.0006172	.0002615	.001061	.000794	.0019061	.0028394
%RSD	1.279190	1.686668	46.42327	34.69109	63.10462	.2143484	30.59303
#1	1.803933	.0362474	.0003645	-.004218	-.000342	.8887748	.0092603
#2	1.810340	.0362225	.0004660	-.002136	-.001726	.8913830	.0121312
#3	1.847087	.0373037	.0008597	-.002822	-.001709	.8876710	.0064525

Sample Name: Q1771-04 Acquired: 4/15/2025 18:24:04 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.263171	-.010298	.2514397
Stddev	.009788	.001492	.0010706
%RSD	.7748836	14.49153	.4257835
#1	1.265855	-.011993	.2520806
#2	1.252321	-.009722	.2502037
#3	1.271337	-.009180	.2520346

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2598.304	62246.57	13569.06	1705.532	3639.970
Stddev	3.606	109.08	32.81	7.450	9.631
%RSD	.1387671	.1752464	.2418246	.4368063	.2645929
#1	2595.395	62237.47	13574.42	1697.678	3637.315
#2	2602.338	62359.92	13533.90	1712.498	3650.650
#3	2597.180	62142.32	13598.86	1706.419	3631.945

Sample Name: Q1771-08 Acquired: 4/15/2025 18:28:31 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000439	-.004776	.0153783	.0048981	.0017270	.5931273	.2740811
Stddev	.001501	.000639	.0019674	.0034313	.0014591	.0038141	.0016691
%RSD	341.9700	13.37266	12.79344	70.05289	84.49133	.6430527	.6089706

#1	-.001842	-.004055	.0157333	.0033676	.0000855	.5932612	.2723644
#2	.001144	-.005000	.0171440	.0024985	.0028767	.5968727	.2741808
#3	-.000619	-.005273	.0132575	.0088284	.0022186	.5892480	.2756981

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000081	.0002955	59.15529	.0004902	.0363360	.0208217	.8808581
Stddev	.000020	.0000857	.15431	.0001054	.0001589	.0003913	.0065048
%RSD	24.89683	29.01243	.2608522	21.49055	.4372473	1.879216	.7384634

#1	-.000094	.0003675	59.12168	.0003766	.0363979	.0203758	.8733839
#2	-.000057	.0002007	59.02057	.0005847	.0361555	.0211074	.8839514
#3	-.000091	.0003183	59.32364	.0005093	.0364547	.0209821	.8852391

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9615908	6.957448	.0125610	-.000075	366.9026	-.000484	.1607373
Stddev	.0019699	.041605	.0005273	.000124	4.5730	.000129	.0005483
%RSD	.2048623	.5979952	4.198093	164.7611	1.246368	26.54936	.3411199

#1	.9597211	6.971703	.0119911	-.000203	371.9787	-.000604	.1609897
#2	.9614038	6.910589	.0126604	.000044	363.1048	-.000501	.1611139
#3	.9636476	6.990051	.0130316	-.000067	365.6243	-.000348	.1601082

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.650441	.0455492	.0008518	-.003222	.0217183	3.454627	.0223537
Stddev	.030309	.0010823	.0001633	.001258	.0005831	.002988	.0013647
%RSD	.8302750	2.376176	19.16876	39.02739	2.684832	.0865029	6.104804

#1	3.619402	.0460494	.0007784	-.001771	.0210764	3.451229	.0238440
#2	3.651959	.0443073	.0007380	-.003981	.0222152	3.456846	.0220520
#3	3.679962	.0462910	.0010388	-.003914	.0218633	3.455805	.0211652

Sample Name: Q1771-08 Acquired: 4/15/2025 18:28:31 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.067550	-.006600	.2086952
Stddev	.006193	.000801	.0004399
%RSD	.5800997	12.13935	.2107817
#1	1.074015	-.006947	.2085733
#2	1.066965	-.005684	.2083290
#3	1.061671	-.007170	.2091831

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2595.272	62027.06	13312.58	1744.083	3618.019
Stddev	4.518	111.54	49.24	8.770	6.198
%RSD	.1740768	.1798176	.3698975	.5028708	.1713032
#1	2590.176	61899.62	13259.20	1733.968	3610.956
#2	2598.786	62074.66	13356.23	1749.570	3622.551
#3	2596.855	62106.89	13322.32	1748.712	3620.550

Sample Name: Q1771-12 Acquired: 4/15/2025 18:32:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003158	-.003488	.0073646	.0011957	-.000400	.0718445	.2517537
Stddev	.002005	.000931	.0019010	.0011174	.001912	.0080257	.0002717
%RSD	63.46827	26.69558	25.81338	93.45348	477.6831	11.17091	.1079136
#1	-.001369	-.002506	.0091353	.0008133	.000948	.0723649	.2517424
#2	-.002781	-.004359	.0053557	.0003196	-.002589	.0635713	.2520309
#3	-.005325	-.003600	.0076027	.0024540	.000440	.0795973	.2514879
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000014	.0001568	9.033232	-.000329	.0035981	.0104954	.5112477
Stddev	.000026	.0000239	.024592	.000282	.0000360	.0000799	.0002806
%RSD	192.0825	15.21181	.2722407	85.79091	1.001247	.7614324	.0548809
#1	.000005	.0001741	9.006568	-.000607	.0036119	.0105724	.5111722
#2	-.000002	.0001668	9.038105	-.000336	.0036253	.0104128	.5115583
#3	-.000043	.0001296	9.055023	-.000043	.0035573	.0105009	.5110126
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3606455	.5474739	.0015927	-.000147	295.7790	-.002020	.0876481
Stddev	.0014455	.0012876	.0003298	.000208	5.7925	.001171	.0003359
%RSD	.4007994	.2351861	20.70609	141.6750	1.958403	57.96915	.3832860
#1	.3622581	.5489394	.0019345	-.000197	297.2905	-.000669	.0880214
#2	.3602118	.5469580	.0015671	-.000325	300.6659	-.002746	.0875530
#3	.3594665	.5465243	.0012764	.000082	289.3805	-.002645	.0873700
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.791336	.0299976	.0000414	-.001375	-.000606	.6759284	.0072145
Stddev	.016671	.0001702	.0002021	.001182	.000149	.0081559	.0013015
%RSD	.4397196	.5672668	487.6226	85.94300	24.60823	1.206621	18.04054
#1	3.779082	.0298038	.0002517	-.001734	-.000677	.6682557	.0058055
#2	3.784606	.0301229	-.000151	-.002337	-.000434	.6844940	.0083718
#3	3.810321	.0300660	.000024	-.000056	-.000705	.6750354	.0074664

Sample Name: Q1771-12 Acquired: 4/15/2025 18:32:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7447207	-.006093	.0595189
Stddev	.0012928	.000233	.0001270
%RSD	.1735889	3.815666	.2134173
#1	.7454352	-.006354	.0596016
#2	.7432285	-.006017	.0595823
#3	.7454986	-.005908	.0593726

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2688.086	64605.99	13280.13	1821.547	3782.993
Stddev	4.624	122.68	8.27	5.003	6.270
%RSD	.1720343	.1898849	.0623064	.2746581	.1657351
#1	2683.356	64544.34	13271.23	1816.838	3777.240
#2	2692.597	64526.36	13287.59	1821.003	3789.675
#3	2688.307	64747.26	13281.57	1826.800	3782.063

Sample Name: Q1779-04 Acquired: 4/15/2025 18:37:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005356	-.004538	.0046377	.0025151	-.000762	.5600614	.1875180
Stddev	.0004847	.001659	.0009120	.0058589	.001650	.0035104	.0015222
%RSD	90.49830	36.56316	19.66463	232.9472	216.6263	.6267827	.8117542
#1	-.000010	-.006336	.0037519	-.002319	-.002651	.5628605	.1873852
#2	.000917	-.003065	.0055738	.009031	-.000027	.5612010	.1860665
#3	.000700	-.004214	.0045875	.000834	.000393	.5561229	.1891022
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000867	.0000531	15.20524	-.000005	.0002435	.0160460	.3443223
Stddev	.0000147	.0000177	.04367	.000366	.0000619	.0002754	.0029844
%RSD	17.00855	33.29378	.2872067	6998.934	25.42777	1.715997	.8667490
#1	.0001036	.0000467	15.17759	-.000422	.0001729	.0163616	.3435561
#2	.0000790	.0000731	15.18255	.000261	.0002692	.0158547	.3417956
#3	.0000773	.0000395	15.25559	.000146	.0002885	.0159218	.3476150
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7873003	1.795965	.0020102	-.000100	357.7965	-.000178	.0543814
Stddev	.0027953	.016286	.0001376	.000160	2.5893	.000825	.0003215
%RSD	.3550435	.9067844	6.846251	161.1113	.7236928	463.7959	.5912293
#1	.7855346	1.813696	.0020530	-.000120	360.1695	.000123	.0543942
#2	.7858433	1.781676	.0018563	.000070	358.1853	-.001112	.0540537
#3	.7905231	1.792523	.0021214	-.000249	355.0348	.000454	.0546964
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.431086	.0206887	.0005096	-.000031	.0093574	1.411274	.0317259
Stddev	.026862	.0004117	.0000357	.000382	.0004808	.008287	.0006924
%RSD	1.877069	1.989999	7.012729	1239.141	5.138553	.5872140	2.182553
#1	1.448310	.0206379	.0004687	-.000309	.0088202	1.420482	.0316927
#2	1.400133	.0203048	.0005254	-.000188	.0095042	1.408925	.0324342
#3	1.444813	.0211235	.0005348	.000405	.0097477	1.404415	.0310506

Sample Name: Q1779-04 Acquired: 4/15/2025 18:37:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5392622	-.005908	.0809761
Stddev	.0024172	.000417	.0002273
%RSD	.4482440	7.051477	.2807094
#1	.5397367	-.005923	.0808436
#2	.5366429	-.006316	.0808461
#3	.5414069	-.005483	.0812386

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2629.758	62399.71	13158.31	1737.810	3703.067
Stddev	4.899	144.88	64.74	9.762	6.820
%RSD	.1862883	.2321849	.4920250	.5617447	.1841748
#1	2625.470	62382.24	13166.68	1730.024	3695.506
#2	2628.708	62264.36	13218.45	1734.643	3708.756
#3	2635.097	62552.54	13089.78	1748.762	3704.938

Sample Name: Q1779-08 Acquired: 4/15/2025 18:41:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027896	-.005526	.0215841	.0085491	-.000161	.2175316	.4098201
Stddev	.0027694	.001227	.0016967	.0031925	.000419	.0014803	.0004995
%RSD	99.27480	22.19642	7.860950	37.34275	261.0410	.6804754	.1218762

#1	-.000408	-.005412	.0201216	.0107630	.000246	.2180770	.4092955
#2	.004383	-.006806	.0211864	.0099948	-.000136	.2158560	.4098751
#3	.004394	-.004361	.0234444	.0048895	-.000591	.2186618	.4102899

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000024	-.000388	6.600024	-.000082	.0013774	.0441133	3.493747
Stddev	.000017	.000014	.005295	.000319	.0000830	.0006609	.024593
%RSD	73.32787	3.532675	.0802258	391.1917	6.027278	1.498274	.7039209

#1	-.000016	-.000403	6.602726	.000073	.0014137	.0438026	3.487302
#2	-.000044	-.000376	6.603424	-.000449	.0014360	.0448724	3.473017
#3	-.000011	-.000387	6.593924	.000131	.0012824	.0436650	3.520920

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3969435	.9238652	.0101136	-.000166	304.3352	-.001304	.1530036
Stddev	.0021111	.0082883	.0002067	.000372	2.7879	.000350	.0003532
%RSD	.5318411	.8971291	2.044048	224.6296	.9160746	26.85936	.2308471

#1	.3957903	.9328856	.0098809	-.000560	301.1392	-.001706	.1526234
#2	.3956602	.9165855	.0101834	.000180	305.5992	-.001064	.1533215
#3	.3993800	.9221247	.0102763	-.000118	306.2673	-.001141	.1530660

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.519312	.0592446	.0002247	-.000711	.0025078	.3305571	.0138477
Stddev	.015822	.0003029	.0002294	.000799	.0003690	.0011702	.0036245
%RSD	1.041367	.5112216	102.0876	112.4349	14.71418	.3540025	26.17424

#1	1.510573	.0588951	.0000558	-.000813	.0024453	.3292200	.0163005
#2	1.509787	.0594095	.0001324	.000135	.0029040	.3310572	.0096844
#3	1.537575	.0594293	.0004858	-.001453	.0021740	.3313942	.0155580

Sample Name: Q1779-08 Acquired: 4/15/2025 18:41:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6834546	-.004057	.0493065
Stddev	.0046750	.001401	.0000669
%RSD	.6840206	34.53423	.1356236
#1	.6875131	-.004232	.0492402
#2	.6783429	-.002577	.0493739
#3	.6845079	-.005362	.0493055

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2626.714	62345.74	12782.47	1731.146	3726.186
Stddev	10.769	154.14	28.24	4.115	11.762
%RSD	.4099703	.2472419	.2209207	.2377285	.3156453
#1	2636.862	62484.30	12768.05	1730.688	3736.143
#2	2615.417	62373.20	12815.01	1735.471	3713.209
#3	2627.864	62179.70	12764.35	1727.278	3729.208

Sample Name: Q1781-04 Acquired: 4/15/2025 18:46:13 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001267	-.006254	.0048537	.0092028	-.000861	1.579148	.2011672
Stddev	.003245	.002723	.0017460	.0022967	.001051	.003869	.0016327
%RSD	256.0452	43.55009	35.97220	24.95674	122.1380	.2450072	.8116034
#1	-.004684	-.008963	.0064202	.0109645	.000186	1.583524	.1993661
#2	-.000892	-.006282	.0029714	.0100388	-.000851	1.576182	.2015852
#3	.001773	-.003516	.0051695	.0066052	-.001917	1.577738	.2025502
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000416	-.000168	4.660863	.0029925	.0043069	.0171130	2.662720
Stddev	.0000447	.000089	.021977	.0000780	.0001575	.0002060	.023718
%RSD	107.5092	53.32659	.4715275	2.605899	3.656176	1.203984	.8907254
#1	.0000599	-.000201	4.660977	.0029110	.0041960	.0171393	2.649918
#2	-.000009	-.000066	4.638828	.0029999	.0044871	.0173045	2.690088
#3	.000074	-.000236	4.682782	.0030665	.0042375	.0168950	2.648155
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1504714	.8943474	.0020471	-.000586	336.7152	.0022237	.1115473
Stddev	.0013354	.0119803	.0001346	.000228	2.1211	.0004004	.0014135
%RSD	.8874603	1.339556	6.577666	38.95672	.6299419	18.00449	1.267203
#1	.1492803	.8817656	.0019803	-.000418	334.5288	.0021091	.1131719
#2	.1502189	.8956583	.0019589	-.000846	338.7643	.0026689	.1105988
#3	.1519150	.9056183	.0022021	-.000494	336.8527	.0018931	.1108711
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.113962	.0438828	.0003905	-.000452	.0283890	1.866462	.0314263
Stddev	.028817	.0004450	.0001508	.000103	.0002958	.010044	.0010343
%RSD	2.586904	1.014123	38.61941	22.88821	1.041954	.5381460	3.291072
#1	1.118973	.0436212	.0002415	-.000365	.0286143	1.871466	.0310567
#2	1.139945	.0436306	.0005431	-.000566	.0284986	1.873021	.0325946
#3	1.082968	.0443966	.0003869	-.000424	.0280540	1.854899	.0306276

Sample Name: Q1781-04 Acquired: 4/15/2025 18:46:13 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.202939	-.001716	.0325285
Stddev	.011693	.000964	.0000334
%RSD	.9720571	56.18670	.1025850
#1	1.205018	-.002816	.0324912
#2	1.213453	-.001019	.0325556
#3	1.190346	-.001313	.0325386

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2634.906	62745.19	13714.62	1746.962	3694.080
Stddev	.818	357.80	62.16	23.492	4.065
%RSD	.0310349	.5702499	.4532082	1.344734	.1100404
#1	2634.415	62453.17	13698.01	1722.814	3695.703
#2	2635.850	62638.08	13783.39	1748.334	3689.455
#3	2634.453	63144.32	13662.45	1769.738	3697.084

Sample Name: Q1781-08 Acquired: 4/15/2025 18:50:39 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000838	-.003150	.0043254	.0072930	.0015019	.5348056	.1865220
Stddev	.003691	.001796	.0009302	.0007913	.0014475	.0031144	.0012671
%RSD	440.4500	57.02853	21.50600	10.84988	96.37664	.5823468	.6793244
#1	-.001511	-.003560	.0053937	.0074715	.0020881	.5312252	.1870376
#2	.003143	-.001184	.0038881	.0079798	-.000147	.5363043	.1874500
#3	-.004146	-.004706	.0036944	.0064277	.002564	.5368874	.1850784
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000008	.0001047	6.511064	.0000925	.0001275	.0165145	.5672146
Stddev	.000008	.0000144	.009052	.0004239	.0001521	.0001232	.0044401
%RSD	96.36700	13.75922	.1390177	458.4874	119.3243	.7462086	.7827925
#1	.000001	.0000931	6.509463	-.000372	.0000208	.0164087	.5659496
#2	-.000013	.0001002	6.520809	.000190	.0003016	.0164850	.5721499
#3	-.000013	.0001208	6.502919	.000459	.0000600	.0166498	.5635442
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0376507	.9724370	.0013225	-.000081	328.4955	.0000296	.0726940
Stddev	.0004402	.0182961	.0002298	.000314	.5184	.0011847	.0006615
%RSD	1.169142	1.881469	17.37632	388.9970	.1578015	3995.597	.9100248
#1	.0372946	.9861080	.0010574	.000269	328.8412	.0012615	.0726204
#2	.0381429	.9795504	.0014647	-.000173	327.8995	-.001101	.0720723
#3	.0375146	.9516525	.0014455	-.000338	328.7458	-.000071	.0733892
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4214234	.0296417	.0000903	-.000866	.0097784	.7686258	.0215700
Stddev	.0444088	.0003791	.0003148	.000472	.0003960	.0087469	.0017537
%RSD	10.53781	1.278837	348.6813	54.46634	4.049671	1.137989	8.130078
#1	.4633369	.0297924	-.000037	-.001260	.0101826	.7763972	.0196831
#2	.4260515	.0292104	-.000141	-.000995	.0097613	.7591533	.0218770
#3	.3748818	.0299222	.000449	-.000343	.0093912	.7703268	.0231499

Sample Name: Q1781-08 Acquired: 4/15/2025 18:50:39 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4927592	-.004571	.0529889
Stddev	.0009006	.000862	.0003863
%RSD	.1827729	18.86807	.7289532
#1	.4937910	-.004403	.0530968
#2	.4921309	-.003804	.0533097
#3	.4923557	-.005504	.0525601

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2649.117	63949.77	13237.19	1793.867	3742.802
Stddev	4.281	239.50	49.64	5.001	4.063
%RSD	.1615920	.3745065	.3750357	.2788052	.1085560
#1	2649.414	63674.11	13255.98	1789.202	3744.470
#2	2644.695	64068.40	13180.89	1793.250	3738.171
#3	2653.241	64106.79	13274.70	1799.148	3745.766

Sample Name: Q1781-12 Acquired: 4/15/2025 18:55:06 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048562	-.004306	.0120877	.0043195	.0015386	.0701539	.3723174
Stddev	.0013767	.002210	.0008275	.0022782	.0003234	.0043310	.0024179
%RSD	28.34997	51.32439	6.846140	52.74112	21.02209	6.173595	.6494265
#1	.0048893	-.003048	.0129453	.0060089	.0011671	.0660547	.3711418
#2	.0062160	-.006857	.0112939	.0017285	.0017576	.0697225	.3707121
#3	.0034632	-.003012	.0120239	.0052210	.0016911	.0746844	.3750984
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000013	-.000037	3.933670	-.000027	.0023501	.0139320	.8821137
Stddev	.000036	.000036	.027928	.000215	.0002811	.0004701	.0145104
%RSD	279.1453	97.05935	.7099726	787.1458	11.96218	3.373898	1.644963
#1	-.000051	-.000079	3.922150	.000221	.0020589	.0138588	.8799587
#2	-.000008	-.000014	3.913345	-.000147	.0023716	.0135028	.8975811
#3	.000020	-.000019	3.965515	-.000155	.0026199	.0144343	.8688013
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0496923	.3504424	.0020415	-.000263	319.7681	-.000525	.1465901
Stddev	.0001960	.0230011	.0001584	.000140	3.1157	.001445	.0007274
%RSD	.3943385	6.563448	7.757402	53.12157	.9743544	275.0236	.4962099
#1	.0494769	.3376242	.0021548	-.000382	317.4588	-.002190	.1470728
#2	.0497397	.3367065	.0018606	-.000297	323.3118	.000201	.1469441
#3	.0498601	.3769965	.0021092	-.000109	318.5335	.000412	.1457535
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3983805	.0868434	.0002462	-.000047	-.000207	.1503362	.0079595
Stddev	.0113218	.0014169	.0001064	.001158	.000428	.0028800	.0025839
%RSD	2.841967	1.631552	43.20974	2474.106	207.3985	1.915730	32.46269
#1	.3882535	.0872631	.0003170	-.001024	-.000575	.1514921	.0070312
#2	.4106041	.0852641	.0001239	-.000348	.000264	.1524587	.0108793
#3	.3962840	.0880030	.0002977	.001232	-.000308	.1470578	.0059681

Sample Name: Q1781-12 Acquired: 4/15/2025 18:55:06 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4373885	-.006052	.0335088
Stddev	.0073484	.001126	.0002761
%RSD	1.680067	18.60916	.8238293
#1	.4416013	-.004837	.0333552
#2	.4289034	-.007062	.0333436
#3	.4416609	-.006256	.0338275

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2660.639	63350.19	13431.88	1795.387	3762.055
Stddev	29.060	366.15	96.26	12.410	35.281
%RSD	1.092222	.5779773	.7166567	.6912156	.9378214
#1	2652.621	63526.72	13466.86	1801.980	3740.462
#2	2692.867	62929.22	13505.76	1781.072	3802.769
#3	2636.430	63594.62	13323.02	1803.109	3742.934

Sample Name: Q1781-12DUP Acquired: 4/15/2025 18:59:33 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048589	-.005139	.0099319	.0074758	.0028765	.0767444	.3852682
Stddev	.0060256	.001655	.0005645	.0019182	.0026916	.0066449	.0019398
%RSD	124.0096	32.21590	5.683379	25.65917	93.57398	8.658528	.5035051
#1	.0117975	-.004360	.0097150	.0088380	.0018596	.0822318	.3864741
#2	.0018365	-.004017	.0105726	.0052821	.0059284	.0693562	.3863000
#3	.0009428	-.007040	.0095081	.0083072	.0008414	.0786452	.3830305
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000060	-.000049	4.102334	.0018044	.0022522	.0136501	.6176875
Stddev	.000036	.000071	.013934	.0002146	.0002144	.0002382	.0128922
%RSD	60.27194	146.6833	.3396540	11.89369	9.519391	1.745373	2.087169
#1	-.000036	-.000129	4.114721	.0015668	.0024812	.0136287	.6321066
#2	-.000101	-.000025	4.105034	.0019842	.0020562	.0134233	.6136837
#3	-.000042	.000008	4.087248	.0018623	.0022193	.0138983	.6072723
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1041847	.3789151	.0018519	.0000708	330.3451	-.000761	.1500873
Stddev	.0005760	.0079643	.0003161	.0001699	1.1457	.001594	.0004700
%RSD	.5528522	2.101873	17.07065	239.8441	.3468195	209.6297	.3131402
#1	.1048293	.3768908	.0016915	.0001951	330.8532	.000739	.1501856
#2	.1040042	.3876963	.0022161	-.000123	331.1489	-.002435	.1505004
#3	.1037206	.3721584	.0016482	.000140	329.0332	-.000585	.1495760
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4242070	.0903669	.0003399	-.000588	.0001030	.1656155	.0075786
Stddev	.0213426	.0003150	.0001317	.000466	.0005832	.0122649	.0057190
%RSD	5.031178	.3486181	38.74876	79.18970	566.5032	7.405660	75.46214
#1	.3997362	.0904438	.0003494	-.000407	.0004888	.1586645	.0099843
#2	.4339137	.0906363	.0002037	-.001118	.0003880	.1584049	.0010498
#3	.4389710	.0900205	.0004666	-.000241	-.000568	.1797770	.0117018

Sample Name: Q1781-12DUP Acquired: 4/15/2025 18:59:33 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4616226	-.004879	.0348894
Stddev	.0042942	.000297	.0001887
%RSD	.9302487	6.083488	.5407878
#1	.4664371	-.004562	.0348174
#2	.4581879	-.004925	.0351035
#3	.4602426	-.005150	.0347474

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2617.343	62818.35	13454.05	1751.023	3704.133
Stddev	10.931	213.38	54.86	1.245	16.723
%RSD	.4176457	.3396756	.4077774	.0710753	.4514564
#1	2626.303	62620.99	13397.58	1750.000	3707.671
#2	2620.562	62789.30	13457.41	1750.660	3718.804
#3	2605.164	63044.77	13507.15	1752.408	3685.925

Sample Name: Q1781-12LX5 Acquired: 4/15/2025 19:04:00 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031935	.0001125	.0014627	.0014705	-.002746	.0169251	.0719015
Stddev	.0005766	.0008116	.0008986	.0021617	.001623	.0026123	.0002269
%RSD	18.05499	721.5018	61.43799	147.0062	59.10897	15.43465	.3155837

#1	.0036556	.0009790	.0020774	.0039659	-.003924	.0181412	.0718469
#2	.0033775	-.000012	.0004313	.0001739	-.000895	.0139264	.0717069
#3	.0025473	-.000630	.0018794	.0002716	-.003419	.0187077	.0721508

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000008	-.000092	.7858368	-.000316	.0003555	.0026168	.1614073
Stddev	.000049	.000072	.0071699	.000202	.0000479	.0004818	.0011096
%RSD	584.6723	78.18032	.9123891	63.90433	13.46672	18.41214	.6874516

#1	-.000064	-.000152	.7936153	-.000545	.0003895	.0031503	.1605693
#2	.000029	-.000012	.7794923	-.000167	.0003007	.0024866	.1609868
#3	.000010	-.000112	.7844027	-.000235	.0003763	.0022135	.1626656

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088258	.0670087	.0002578	.0002757	59.19107	-.000450	.0283529
Stddev	.0006392	.0134668	.0002464	.0001464	.23643	.000528	.0002597
%RSD	7.241838	20.09707	95.57438	53.10239	.3994340	117.3975	.9159466

#1	.0090783	.0590596	.0003284	.0002547	59.03983	-.000406	.0286141
#2	.0080990	.0825575	.0004611	.0001410	59.46352	.000055	.0283497
#3	.0093002	.0594090	-.000016	.0004316	59.06985	-.000998	.0280948

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2052720	.0192913	.0003932	-.001765	-.000248	.0187569	.0031788
Stddev	.0227670	.0005951	.0000494	.000254	.000121	.0017761	.0019013
%RSD	11.09114	3.084640	12.54914	14.36783	48.79423	9.469006	59.81263

#1	.2312944	.0199057	.0004223	-.001480	-.000111	.0207955	.0037337
#2	.1890264	.0187177	.0004212	-.001852	-.000342	.0175441	.0010618
#3	.1954952	.0192504	.0003363	-.001965	-.000290	.0179310	.0047410

Sample Name: Q1781-12LX5 Acquired: 4/15/2025 19:04:00 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0848885	.0001248	.0065153
Stddev	.0016329	.0006168	.0000279
%RSD	1.923566	494.3196	.4280712
#1	.0831077	.0007389	.0065465
#2	.0852423	.0001300	.0065066
#3	.0863155	-.000495	.0064928

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2735.546	65767.20	13421.79	1806.261	4006.051
Stddev	2.533	67.97	14.62	3.518	6.607
%RSD	.0926042	.1033434	.1089035	.1947454	.1649232
#1	2732.955	65697.35	13405.24	1803.346	4010.970
#2	2735.665	65771.15	13427.23	1805.268	3998.541
#3	2738.017	65833.11	13432.91	1810.168	4008.641

Sample Name: CCV04 Acquired: 4/15/2025 19:08:19 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.975348	5.016030	4.953876	5.003069	4.974500	9.887633	9.683242
Stddev	.004801	.029818	.008248	.010622	.007097	.045386	.147789
%RSD	.0965044	.5944611	.1665019	.2123017	.1426673	.4590157	1.526235
#1	4.973958	5.050284	4.963170	5.013703	4.966368	9.845889	9.616273
#2	4.980691	5.001925	4.951031	5.003044	4.979439	9.935945	9.852660
#3	4.971394	4.995881	4.947426	4.992460	4.977695	9.881066	9.580793
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2459067	2.460397	24.39989	.9944010	2.457229	1.236589	4.914661
Stddev	.0019971	.004794	.09536	.0028762	.002701	.001034	.006730
%RSD	.8121291	.1948277	.3908020	.2892430	.1099101	.0835846	.1369330
#1	.2462265	2.464656	24.35780	.9958590	2.460287	1.236199	4.906918
#2	.2477246	2.461329	24.50904	.9962563	2.455170	1.235807	4.917959
#3	.2437690	2.455206	24.33281	.9910878	2.456229	1.237761	4.919106
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.435926	24.47675	2.462741	1.226951	24.12015	2.456122	2.470145
Stddev	.011301	.07522	.003701	.002795	.08243	.016241	.002360
%RSD	.4639217	.3073037	.1502630	.2278169	.3417296	.6612298	.0955216
#1	2.435965	24.52589	2.466701	1.229650	24.12030	2.456120	2.472742
#2	2.447207	24.51421	2.462153	1.227135	24.20249	2.472364	2.469562
#3	2.424606	24.39016	2.459370	1.224069	24.03764	2.439883	2.468132
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.44863	4.910805	4.994597	4.940565	4.876913	4.937700	4.813156
Stddev	.01816	.034601	.004365	.007490	.022121	.027173	.007318
%RSD	.0742954	.7045945	.0873863	.1516102	.4535876	.5503181	.1520511
#1	24.43749	4.917717	4.994467	4.949204	4.863356	4.945378	4.819450
#2	24.43882	4.941429	4.999025	4.936605	4.902440	4.907513	4.814891
#3	24.46959	4.873270	4.990299	4.935885	4.864943	4.960207	4.805125

Sample Name: CCV04 Acquired: 4/15/2025 19:08:19 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.827789	4.859140	4.902725
Stddev	.016750	.035449	.035417
%RSD	.3469398	.7295271	.7223848
#1	4.846380	4.837385	4.867830
#2	4.813876	4.900045	4.938641
#3	4.823110	4.839989	4.901706

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2699.835	65098.89	12760.73	1796.577	3797.379
Stddev	3.108	199.88	89.03	7.036	7.299
%RSD	.1151134	.3070343	.6976494	.3916438	.1922084
#1	2699.007	64886.87	12748.42	1788.500	3789.866
#2	2697.225	65125.93	12678.50	1799.854	3797.828
#3	2703.273	65283.87	12855.27	1801.376	3804.443

Sample Name: CCB04 Acquired: 4/15/2025 19:12:30 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013024	.0015137	-.000974	-.000046	-.002284	.0062677	.0001454
Stddev	.0004364	.0003443	.001700	.000906	.000349	.0049439	.0008838
%RSD	33.51112	22.74234	174.5745	1981.436	15.28236	78.87887	607.6831
#1	.0008603	.0011625	.000179	.000767	-.001894	.0031840	-.000108
#2	.0017329	.0018506	-.002927	-.001023	-.002567	.0119702	.001128
#3	.0013139	.0015282	-.000174	.000119	-.002390	.0036491	-.000584
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000012	-.000008	.0022812	-.000291	.0000118	-.000540	-.007767
Stddev	.000016	.000080	.0053677	.000081	.0000886	.000112	.002711
%RSD	131.6692	968.6182	235.3041	27.85723	749.5126	20.67646	34.90737
#1	-.000021	-.000048	.0033164	-.000229	-.000018	-.000462	-.010353
#2	.000006	-.000060	-.003529	-.000383	.000111	-.000490	-.008004
#3	-.000021	.000083	.007056	-.000262	-.000058	-.000668	-.004945
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001003	-.012838	.0003449	.0001153	.0394220	-.003097	-.000373
Stddev	.000131	.014127	.0002063	.0002556	.0248435	.001069	.000541
%RSD	13.08595	110.0397	59.82386	221.7915	63.01932	34.50338	144.9138
#1	-.001102	-.015481	.0001691	.0000702	.0132696	-.002146	-.000948
#2	-.001051	.002424	.0002935	.0003904	.0422884	-.004253	.000127
#3	-.000854	-.025457	.0005721	-.000115	.0627079	-.002892	-.000299
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0915188	.0083466	.0004109	-.000701	-.000192	-.011356	-.001185
Stddev	.0236967	.0006026	.0003565	.000422	.000618	.005373	.001082
%RSD	25.89270	7.219312	86.76304	60.21192	321.8684	47.31487	91.27074
#1	.0716504	.0083226	.0007294	-.001184	.000500	-.007193	-.002428
#2	.0851599	.0089608	.0000257	-.000515	-.000688	-.017422	-.000675
#3	.1177462	.0077564	.0004777	-.000403	-.000388	-.009454	-.000453

Sample Name: CCB04 Acquired: 4/15/2025 19:12:30 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB04 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003597	-.001329	-.000082
Stddev	.002680	.000939	.000028
%RSD	74.49696	70.64402	34.85570

#1	-.000564	-.000327	-.000049
#2	-.004583	-.001472	-.000101
#3	-.005644	-.002187	-.000094

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2830.578	67542.21	13204.26	1892.844	4375.278
Stddev	3.317	225.51	360.95	2.582	3.434
%RSD	.1171803	.3338851	2.733570	.1363851	.0784915

#1	2828.571	67395.82	13323.06	1890.675	4371.312
#2	2828.757	67801.91	12798.88	1895.699	4377.251
#3	2834.407	67428.90	13490.83	1892.159	4377.270

Sample Name: Q1781-12MS Acquired: 4/15/2025 19:16:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7618380	1.771969	.9029351	1.845811	.7610387	1.863180	.5523253
Stddev	.0021965	.017177	.0044378	.006229	.0044125	.002061	.0001571
%RSD	.2883194	.9693656	.4914818	.3374880	.5798054	.1106012	.0284493
#1	.7593671	1.758814	.8978127	1.841007	.7573665	1.860990	.5523374
#2	.7625778	1.765692	.9053768	1.843577	.7598160	1.863468	.5524760
#3	.7635691	1.791402	.9056158	1.852850	.7659337	1.865081	.5521624
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1742894	.1869665	4.862869	.3754083	.1832729	.2797755	3.667580
Stddev	.0001339	.0002005	.019914	.0005957	.0005502	.0006788	.036269
%RSD	.0768145	.1072575	.4095043	.1586888	.3002183	.2426274	.9888981
#1	.1744105	.1867361	4.871796	.3757833	.1829019	.2795624	3.668853
#2	.1743121	.1871018	4.876757	.3747213	.1830118	.2792288	3.703195
#3	.1741456	.1870615	4.840054	.3757201	.1839051	.2805353	3.630692
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2445853	2.096320	.4531223	.0693091	315.8774	.2718928	.3301533
Stddev	.0006261	.016847	.0008562	.0003337	5.4129	.0016254	.0024612
%RSD	.2559968	.8036365	.1889643	.4814920	1.713602	.5977911	.7454793
#1	.2450210	2.111162	.4531646	.0695899	318.0276	.2701178	.3286563
#2	.2438678	2.078008	.4522456	.0693973	309.7198	.2733083	.3329939
#3	.2448671	2.099789	.4539565	.0689402	319.8848	.2722523	.3288097
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.50794	.3319461	.3974207	.6542599	.1885153	.8373730	5.489789
Stddev	.06384	.0008835	.0003961	.0017633	.0014543	.0029948	.023206
%RSD	.6075565	.2661721	.0996752	.2695105	.7714205	.3576439	.4227041
#1	10.43785	.3324655	.3976673	.6531739	.1883600	.8382492	5.468889
#2	10.56277	.3324469	.3969638	.6533115	.1900410	.8398321	5.485719
#3	10.52320	.3309259	.3976310	.6562944	.1871449	.8340379	5.514761

Sample Name: Q1781-12MS Acquired: 4/15/2025 19:16:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4122611	.1897298	.2191919
Stddev	.0018192	.0009656	.0001854
%RSD	.4412639	.5089265	.0845698
#1	.4105059	.1904277	.2192759
#2	.4121394	.1901339	.2193203
#3	.4141381	.1886278	.2189794

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2680.024	63607.68	13210.66	1796.171	3767.065
Stddev	9.373	192.49	24.76	7.681	8.574
%RSD	.3497238	.3026179	.1874495	.4276504	.2275939
#1	2681.435	63803.14	13192.00	1802.933	3767.532
#2	2688.611	63601.59	13238.75	1787.819	3775.396
#3	2670.026	63418.31	13201.22	1797.762	3758.268

Sample Name: Q1781-12MSD Acquired: 4/15/2025 19:21:04 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7759216	1.773978	.9045014	1.871929	.7725796	1.852602	.5560439
Stddev	.0045835	.007568	.0023079	.007301	.0040919	.004366	.0008509
%RSD	.5907207	.4265997	.2551601	.3900038	.5296343	.2356589	.1530199

#1	.7806813	1.775681	.9021836	1.865764	.7678605	1.847561	.5560524
#2	.7715373	1.780549	.9045212	1.870033	.7751397	1.855079	.5551889
#3	.7755462	1.765704	.9067994	1.879991	.7747388	1.855165	.5568905

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1699164	.1881428	4.965796	.3823063	.1841282	.2811608	3.459029
Stddev	.0003570	.0002552	.014221	.0018720	.0002940	.0010415	.006853
%RSD	.2100852	.1356265	.2863763	.4896556	.1596641	.3704106	.1981064

#1	.1695159	.1878947	4.973909	.3805121	.1838073	.2801294	3.453191
#2	.1700323	.1881291	4.949376	.3842474	.1841928	.2811410	3.457322
#3	.1702011	.1884045	4.974104	.3821595	.1843846	.2822121	3.466573

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2783141	2.081117	.4554649	.0696596	328.9350	.2686426	.3395209
Stddev	.0009815	.014629	.0013259	.0001322	1.5023	.0009877	.0012233
%RSD	.3526425	.7029557	.2911111	.1897953	.4567235	.3676544	.3603032

#1	.2771843	2.068245	.4547270	.0697320	328.8342	.2685066	.3382132
#2	.2789564	2.097027	.4546721	.0697399	330.4852	.2677301	.3397126
#3	.2788015	2.078078	.4569956	.0695070	327.4857	.2696913	.3406371

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.66144	.3239328	.4012194	.6584127	.1833726	.8660990	5.509644
Stddev	.00229	.0013974	.0009334	.0017497	.0018774	.0087685	.011710
%RSD	.0214332	.4313859	.2326437	.2657517	1.023795	1.012409	.2125390

#1	10.66401	.3224498	.4003151	.6572492	.1814004	.8762229	5.514225
#2	10.66068	.3241235	.4011637	.6575638	.1835797	.8609085	5.496336
#3	10.65963	.3252250	.4021794	.6604249	.1851379	.8611656	5.518372

Sample Name: Q1781-12MSD Acquired: 4/15/2025 19:21:04 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4357600	.1871441	.2168033
Stddev	.0044142	.0009243	.0004812
%RSD	1.012982	.4938951	.2219364
#1	.4394809	.1860886	.2167013
#2	.4308828	.1878086	.2163813
#3	.4369164	.1875351	.2173273

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2637.402	62299.71	13367.06	1720.928	3714.830
Stddev	5.977	118.74	31.81	7.189	6.220
%RSD	.2266174	.1905903	.2379474	.4177654	.1674492
#1	2641.643	62382.50	13395.99	1727.301	3718.642
#2	2639.997	62163.67	13333.00	1722.348	3718.195
#3	2630.566	62352.96	13372.19	1713.134	3707.652

Sample Name: Q1781-12A Acquired: 4/15/2025 19:25:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7873294	1.789854	.9175922	1.903270	.7816716	1.850697	.5534296
Stddev	.0035962	.011513	.0029544	.009309	.0031837	.002755	.0021930
%RSD	.4567546	.6432506	.3219711	.4890830	.4072957	.1488693	.3962616
#1	.7890390	1.785274	.9176140	1.898088	.7782670	1.853173	.5523647
#2	.7831974	1.781337	.9146270	1.897705	.7821727	1.851189	.5559518
#3	.7897518	1.802953	.9205357	1.914016	.7845750	1.847729	.5519724
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1708882	.1909413	4.990392	.3824028	.1864849	.2831480	3.412751
Stddev	.0010166	.0006352	.020163	.0016265	.0003929	.0008846	.016345
%RSD	.5948610	.3326821	.4040298	.4253373	.2106645	.3124276	.4789379
#1	.1719468	.1904971	5.004760	.3835042	.1860328	.2824139	3.400398
#2	.1699197	.1906580	4.967343	.3805347	.1867430	.2829001	3.431285
#3	.1707982	.1916689	4.999074	.3831696	.1866790	.2841302	3.406570
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2834096	2.096272	.4627935	.0698024	329.1918	.2713428	.3393717
Stddev	.0005448	.006545	.0016615	.0002387	5.1709	.0007068	.0018223
%RSD	.1922200	.3122050	.3590191	.3419820	1.570795	.2604755	.5369568
#1	.2839495	2.093496	.4609032	.0697402	334.8524	.2717870	.3411436
#2	.2834192	2.103747	.4640226	.0696009	324.7163	.2705277	.3375029
#3	.2828601	2.091574	.4634548	.0700660	328.0069	.2717135	.3394686
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.55458	.3262952	.4027787	.6692525	.1822632	.8618211	5.567924
Stddev	.09512	.0021766	.0008368	.0016960	.0002150	.0122321	.017597
%RSD	.9011782	.6670546	.2077552	.2534223	.1179467	1.419327	.3160396
#1	10.46969	.3285752	.4022036	.6673056	.1822632	.8576086	5.557175
#2	10.65738	.3242394	.4023938	.6704097	.1824782	.8756027	5.558367
#3	10.53668	.3260711	.4037387	.6700423	.1820483	.8522519	5.588232

Sample Name: Q1781-12A Acquired: 4/15/2025 19:25:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4497397	.1865283	.2160270
Stddev	.0024576	.0006362	.0004259
%RSD	.5464429	.3410519	.1971419
#1	.4485481	.1872544	.2156665
#2	.4481052	.1862615	.2164969
#3	.4525659	.1860690	.2159176

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2619.295	62255.82	13359.49	1717.458	3661.806
Stddev	3.673	106.46	70.97	4.528	7.756
%RSD	.1402291	.1710076	.5312336	.2636343	.2118031
#1	2621.610	62156.27	13277.68	1714.975	3670.422
#2	2621.214	62243.14	13396.22	1714.716	3659.613
#3	2615.060	62368.06	13404.56	1722.684	3655.383

Sample Name: Q1785-03 Acquired: 4/15/2025 19:29:28 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009659	.0054683	.0675625	.0013321	-.005708	27.59604	.1191811
Stddev	.004502	.0009101	.0020153	.0013317	.002202	.03377	.0010643
%RSD	46.60683	16.64219	2.982795	99.97475	38.57152	.1223626	.8930418
#1	-.008412	.0061739	.0679279	.0020962	-.003468	27.59503	.1194453
#2	-.005912	.0057899	.0693700	.0021056	-.005787	27.63030	.1180095
#3	-.014653	.0044411	.0653895	-.000206	-.007870	27.56279	.1200884
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012605	-.002117	33.44136	.1007650	.0326823	.1362333	88.90884
Stddev	.0000214	.000175	.01888	.0006333	.0002796	.0005242	.32058
%RSD	1.700193	8.261596	.0564422	.6285045	.8555137	.3847471	.3605758
#1	.0012650	-.002209	33.42512	.1014901	.0324934	.1359913	89.21366
#2	.0012794	-.001915	33.46207	.1004850	.0325500	.1368348	88.57453
#3	.0012372	-.002226	33.43691	.1003200	.0330035	.1358740	88.93833
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.228225	23.18555	.0598456	-.003304	1.378013	.1246714	.1271119
Stddev	.002292	.02206	.0002678	.000283	.010832	.0023820	.0012238
%RSD	.1866178	.0951483	.4475751	8.579021	.7860419	1.910588	.9627344
#1	1.225584	23.19279	.0598228	-.003517	1.374568	.1246511	.1277384
#2	1.229694	23.16078	.0595899	-.003414	1.369322	.1270634	.1257018
#3	1.229397	23.20309	.0601241	-.002982	1.390148	.1222996	.1278956
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.054624	.1338694	.0033860	-.005210	2.613721	2.597440	.9281576
Stddev	.020794	.0019851	.0001945	.000656	.002318	.016647	.0035731
%RSD	1.971713	1.482830	5.742927	12.59813	.0886877	.6409040	.3849675
#1	1.074075	.1332403	.0034509	-.005240	2.611358	2.616508	.9266947
#2	1.057090	.1322752	.0035397	-.005851	2.613812	2.585797	.9255482
#3	1.032706	.1360928	.0031674	-.004539	2.615992	2.590016	.9322301

Sample Name: Q1785-03 Acquired: 4/15/2025 19:29:28 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.634836	.0490520	.1068053
Stddev	.002151	.0007409	.0002459
%RSD	.1315690	1.510493	.2302731
#1	1.632353	.0481971	.1065366
#2	1.636137	.0495086	.1070194
#3	1.636017	.0494503	.1068598

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2793.194	67282.02	13607.58	1849.838	3960.315
Stddev	16.412	263.29	6.89	9.528	14.431
%RSD	.5875850	.3913225	.0506365	.5150796	.3644013
#1	2791.153	66997.95	13603.91	1838.884	3952.618
#2	2777.897	67517.86	13603.31	1856.209	3951.364
#3	2810.531	67330.25	13615.53	1854.421	3976.963

Sample Name: PB167583BL Acquired: 4/15/2025 19:33:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022224	.0020377	-.000603	.0004681	-.001449	.0044665	-.001677
Stddev	.0014485	.0006412	.001104	.0030508	.001038	.0052693	.000582
%RSD	65.17692	31.46643	183.2750	651.7117	71.59537	117.9751	34.71637
#1	.0006201	.0027771	.000667	.0036742	-.000636	.0086958	-.002349
#2	.0034390	.0016353	-.001339	.0001294	-.001094	-.001436	-.001317
#3	.0026079	.0017007	-.001136	-.002399	-.002618	.006140	-.001365
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000010	-.000025	.0014075	-.000122	.0001210	-.000263	-.005604
Stddev	.000023	.000055	.0014581	.000135	.0000890	.000248	.000418
%RSD	237.5097	217.1193	103.6004	110.5084	73.56775	94.41598	7.452090
#1	-.000010	.000037	.0029383	.000030	.0000907	.000017	-.006023
#2	-.000032	-.000047	.0012492	-.000225	.0000510	-.000349	-.005188
#3	.000013	-.000066	.0000349	-.000170	.0002211	-.000456	-.005602
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001233	-.013289	.0002419	.0001146	.0613317	-.002021	-.000454
Stddev	.000328	.021210	.0000374	.0001669	.0045801	.000532	.000058
%RSD	26.55912	159.6019	15.47262	145.5703	7.467769	26.32907	12.70628
#1	-.001334	-.002476	.0002097	.0003044	.0566362	-.002350	-.000399
#2	-.001499	.000335	.0002330	-.000010	.0615720	-.001407	-.000448
#3	-.000868	-.037727	.0002829	.000049	.0657870	-.002305	-.000514
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0799475	.0024448	.0000281	-.000726	-.000355	-.015043	-.000175
Stddev	.0151177	.0001531	.0001961	.000604	.000507	.006599	.001215
%RSD	18.90956	6.262401	697.4931	83.21793	143.0151	43.86563	692.8157
#1	.0935956	.0024011	.0000811	-.000778	.000047	-.012996	.001074
#2	.0636978	.0026150	.0001923	-.001302	-.000925	-.009711	-.000247
#3	.0825490	.0023184	-.000189	-.000097	-.000187	-.022423	-.001353

Sample Name: PB167583BL Acquired: 4/15/2025 19:33:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000625	-.000736	-.000058
Stddev	.002645	.000795	.000038
%RSD	423.0626	108.0749	66.56049
#1	-.000871	-.000363	-.000084
#2	.002134	-.001649	-.000075
#3	-.003139	-.000195	-.000014

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2829.526	68379.40	13357.82	1908.119	4345.614
Stddev	3.867	363.15	91.64	12.706	5.210
%RSD	.1366576	.5310813	.6860091	.6659166	.1198865
#1	2833.199	68648.29	13370.87	1919.218	4347.757
#2	2829.888	67966.29	13260.35	1894.259	4349.411
#3	2825.491	68523.61	13442.22	1910.882	4339.675

Sample Name: PB167583BS Acquired: 4/15/2025 19:38:02 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7499451	1.906681	.9057802	1.932107	.7759659	1.759220
Stddev	.0029028	.016878	.0043958	.005014	.0008781	.010996
%RSD	.3870683	.8852076	.4852995	.2595224	.1131656	.6250623
#1	.7475500	1.887833	.9092758	1.926493	.7756350	1.763635
#2	.7491121	1.911810	.9008452	1.933687	.7753013	1.767324
#3	.7531734	1.920399	.9072196	1.936141	.7769614	1.746703
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1758405	.1830945	.1813137	.9193103	.3658611	.1748678
Stddev	.0006022	.0015085	.0002884	.0020703	.0008186	.0005253
%RSD	.3424903	.8239021	.1590895	.2252065	.2237362	.3003745
#1	.1763754	.1818775	.1812440	.9191927	.3665132	.1751814
#2	.1759579	.1847823	.1810664	.9214369	.3649425	.1742614
#3	.1751882	.1826238	.1816306	.9173012	.3661277	.1751606
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2804283	2.727500	.1799210	1.741222	.4410705	.0686730
Stddev	.0001291	.008179	.0011462	.018443	.0016372	.0001174
%RSD	.0460288	.2998719	.6370788	1.059225	.3711896	.1709790
#1	.2805119	2.735207	.1803552	1.743840	.4423188	.0688052
#2	.2802796	2.728373	.1807867	1.721610	.4392168	.0685807
#3	.2804934	2.718919	.1786211	1.758217	.4416759	.0686333
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.535138	.2647843	.1880676	8.739955	.2695714	.3864684
Stddev	.012150	.0031303	.0008072	.037617	.0021195	.0005071
%RSD	.4792711	1.182216	.4292083	.4303995	.7862461	.1312153
#1	2.549141	.2625628	.1871389	8.782995	.2695992	.3858995
#2	2.527387	.2683644	.1884630	8.713366	.2716769	.3866329
#3	2.528887	.2634257	.1886008	8.723504	.2674382	.3868728

Sample Name: PB167583BS Acquired: 4/15/2025 19:38:02 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6401831	.1862718	F .6265014	5.229994	F -.007875	.1833650
Stddev	.0006993	.0010772	.0012325	.021588	.001710	.0017882
%RSD	.1092273	.5783019	.1967249	.4127679	21.71526	.9752310
#1	.6409666	.1862053	.6276560	5.246907	-.007844	.1827187
#2	.6396225	.1873807	.6266446	5.205679	-.006180	.1853866
#3	.6399601	.1852294	.6252035	5.237396	-.009600	.1819898

Elem	Sr4077
Units	ppm
Avg	.1850767
Stddev	.0011177
%RSD	.6039358
#1	.1856664
#2	.1857762
#3	.1837876

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2807.618	67366.98	13263.64	1906.948	4211.395
Stddev	3.088	91.20	100.79	5.892	10.470
%RSD	.1099868	.1353853	.7598657	.3089640	.2486125
#1	2808.782	67396.57	13333.08	1905.122	4204.952
#2	2809.956	67439.72	13148.05	1913.537	4223.476
#3	2804.118	67264.66	13309.80	1902.185	4205.756

Sample Name: PB167529BL Acquired: 4/15/2025 19:42:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023848	-.000189	.0011858	.0013375	.0001917	.0044399	-.000017
Stddev	.0015269	.001448	.0016064	.0015673	.0004054	.0049511	.000207
%RSD	64.02775	766.9349	135.4739	117.1781	211.5296	111.5146	1215.823
#1	.0027061	.000460	.0000552	.0008376	.0006379	.0092997	-.000186
#2	.0037255	-.001848	.0030246	.0000811	-.000154	.0046177	-.000078
#3	.0007228	.000821	.0004775	.0030938	.000091	-.000598	.000213
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000185	-.000019	.0049006	-.000337	.0000661	-.000421	-.004705
Stddev	.0000388	.000035	.0019399	.000213	.0002401	.000123	.003095
%RSD	209.3450	185.2603	39.58439	63.13702	363.2161	29.30371	65.78205
#1	.0000474	-.000054	.0033490	-.000100	-.000173	-.000381	-.002740
#2	.0000337	.000016	.0042773	-.000512	.000064	-.000322	-.003102
#3	-.000026	-.000018	.0070755	-.000400	.000307	-.000559	-.008273
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000737	-.001795	.0002574	.0003304	.0062918	-.001846	-.000177
Stddev	.001756	.004208	.0001152	.0000537	.0067792	.001887	.000189
%RSD	238.1344	234.4080	44.75408	16.26845	107.7453	102.2227	106.7744
#1	-.001562	.002998	.0001435	.0002706	-.000004	-.003869	-.000369
#2	.001279	-.003500	.0003738	.0003747	.013468	-.001532	-.000173
#3	-.001929	-.004884	.0002549	.0003459	.005412	-.000135	.000010
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0659161	.0018327	.0001651	-.001037	-.000222	-.015106	-.001700
Stddev	.0021783	.0002676	.0002275	.000401	.000671	.007765	.001678
%RSD	3.304597	14.60003	137.7961	38.62784	301.9560	51.40462	98.74638
#1	.0678579	.0015245	.0004096	-.001471	-.000990	-.006268	-.003612
#2	.0635607	.0019679	-.000040	-.000681	.000071	-.020834	-.001018
#3	.0663298	.0020058	.000126	-.000959	.000253	-.018215	-.000469

Sample Name: PB167529BL Acquired: 4/15/2025 19:42:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001614	-.001938	-.000084
Stddev	.003412	.000979	.000045
%RSD	211.4133	50.50240	53.68170
#1	-.002627	-.000849	-.000064
#2	.002190	-.002221	-.000052
#3	-.004405	-.002744	-.000135

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2804.543	66344.86	12692.56	1855.182	4308.693
Stddev	3.556	242.98	91.69	9.238	3.697
%RSD	.1267768	.3662437	.7223691	.4979599	.0858045
#1	2800.672	66312.26	12619.49	1862.667	4307.008
#2	2807.663	66602.50	12795.45	1858.020	4312.933
#3	2805.294	66119.82	12662.75	1844.857	4306.140

Sample Name: PB167529BS Acquired: 4/15/2025 19:46:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7639739	1.934578	.9197400	1.961060	.7873956	1.798242
Stddev	.0066962	.002894	.0043362	.014156	.0029313	.005433
%RSD	.8764958	.1495773	.4714636	.7218311	.3722802	.3021255
#1	.7565617	1.934922	.9164551	1.945652	.7850541	1.802856
#2	.7657738	1.931528	.9181098	1.964038	.7864495	1.799617
#3	.7695863	1.937285	.9246551	1.973489	.7906831	1.792254
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1680720	.1897312	.1839808	.9072575	.3777329	.1769323
Stddev	.0009118	.0004517	.0005506	.0064046	.0003972	.0005097
%RSD	.5425013	.2380636	.2992873	.7059308	.1051658	.2880731
#1	.1682899	.1893474	.1835410	.9056843	.3774469	.1765615
#2	.1688551	.1902289	.1838032	.9017860	.3775653	.1767219
#3	.1670710	.1896172	.1845984	.9143021	.3781865	.1775135
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2824099	2.656081	.1772137	1.794377	.4477362	.0699893
Stddev	.0017310	.002644	.0007523	.033622	.0013543	.0002375
%RSD	.6129338	.0995539	.4244941	1.873719	.3024705	.3393103
#1	.2810560	2.658519	.1767543	1.832535	.4473213	.0698838
#2	.2818135	2.653270	.1780818	1.781493	.4466378	.0702612
#3	.2843602	2.656454	.1768049	1.769103	.4492493	.0698228
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.379463	.2667549	.1905168	8.543620	.2759386	.3941121
Stddev	.008042	.0009139	.0011789	.033658	.0012950	.0020716
%RSD	.3379840	.3426079	.6187759	.3939553	.4693200	.5256305
#1	2.372419	.2662787	.1900934	8.514210	.2760671	.3922051
#2	2.377745	.2661775	.1918489	8.580329	.2771646	.3938149
#3	2.388226	.2678086	.1896081	8.536323	.2745841	.3963162

Sample Name: PB167529BS Acquired: 4/15/2025 19:46:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6539602	.1813812	F .6362698	5.205893	F -.008686	.1833123
Stddev	.0025404	.0009914	.0002365	.020331	.001145	.0007154
%RSD	.3884588	.5465931	.0371657	.3905404	13.18373	.3902678
#1	.6520775	.1802858	.6365420	5.192580	-.007707	.1837428
#2	.6529535	.1816410	.6361153	5.195802	-.009945	.1837076
#3	.6568496	.1822169	.6361520	5.229295	-.008405	.1824864

Elem	Sr4077
Units	ppm
Avg	.1794253
Stddev	.0002311
%RSD	.1288234
#1	.1796891
#2	.1793288
#3	.1792581

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2795.503	65876.43	12870.43	1822.510	4196.588
Stddev	9.158	86.96	5.49	3.259	10.081
%RSD	.3276109	.1320064	.0426676	.1788042	.2402304
#1	2798.940	65953.32	12875.81	1822.542	4199.280
#2	2802.445	65893.90	12864.83	1819.235	4205.050
#3	2785.123	65782.05	12870.65	1825.752	4185.433

Sample Name: Q1782-01 Acquired: 4/15/2025 19:50:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002983	-.004824	.0002025	.0081724	.0001119	.1573235
Stddev	.003569	.001398	.0017219	.0022653	.0005797	.0027192
%RSD	119.6399	28.97312	850.3396	27.71937	518.1222	1.728384
#1	-.005074	-.003306	-.000396	.0057841	.0006754	.1603722
#2	.001138	-.006057	.002144	.0102905	.0001431	.1551489
#3	-.005013	-.005110	-.001140	.0084424	-.000483	.1564494
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0878230	-.000057	.0023621	57.14780	.0033431	.0009847
Stddev	.0005619	.000063	.0001226	.20255	.0001033	.0000481
%RSD	.6397766	111.3959	5.190605	.3544289	3.090765	4.887213
#1	.0881770	-.000014	.0023991	57.03685	.0033603	.0009429
#2	.0881169	-.000129	.0024620	57.38158	.0032323	.0009739
#3	.0871751	-.000026	.0022253	57.02497	.0034368	.0010373
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0120404	.5303888	.4768339	9.887921	.0083099	.0004337
Stddev	.0001164	.0091467	.0002308	.050111	.0002619	.0003156
%RSD	.9666202	1.724535	.0484099	.5067852	3.151853	72.77391
#1	.0119163	.5301618	.4766237	9.863314	.0080207	.0005961
#2	.0121472	.5396470	.4770809	9.945578	.0083777	.0000699
#3	.0120577	.5213577	.4767972	9.854871	.0085312	.0006350
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	126.8277	.0016468	.2584392	8.479890	.0807165	.0016930
Stddev	.2520	.0008845	.0008912	.010188	.0002630	.0002892
%RSD	.1986872	53.70891	.3448434	.1201431	.3258016	17.08146
#1	127.0361	.0014743	.2592175	8.470864	.0804145	.0014275
#2	126.8992	.0026048	.2574670	8.477869	.0808952	.0020011
#3	126.5476	.0008613	.2586332	8.490937	.0808398	.0016505

Sample Name: Q1782-01 Acquired: 4/15/2025 19:50:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002272	.0060614	11.99462	.0517308	F 23.50467	-.012317
Stddev	.000139	.0003142	.06033	.0036500	.03173	.000602
%RSD	6.118875	5.182908	.5029994	7.055794	.1350147	4.887313
#1	-.002112	.0057024	12.03897	.0556081	23.53923	-.011997
#2	-.002363	.0061961	12.01896	.0512232	23.49794	-.011942
#3	-.002340	.0062858	11.92592	.0483612	23.47684	-.013011

Elem	Sr4077
Units	ppm
Avg	.2809256
Stddev	.0006969
%RSD	.2480758
#1	.2810926
#2	.2815239
#3	.2801604

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2681.396	64727.59	13663.55	1760.956	3845.612
Stddev	5.484	88.08	20.43	3.501	5.304
%RSD	.2045343	.1360710	.1495025	.1987923	.1379226
#1	2675.139	64647.50	13668.79	1757.263	3843.025
#2	2683.674	64713.36	13641.02	1761.377	3842.097
#3	2685.373	64821.92	13680.86	1764.226	3851.713

Sample Name: Q1782-02 Acquired: 4/15/2025 19:54:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000206	-.003341	-.000722	.0074677	-.001361	.0726666
Stddev	.001236	.001387	.000779	.0026056	.000509	.0041100
%RSD	601.2746	41.50250	107.8374	34.89134	37.40792	5.655945
#1	-.000916	-.004668	.000136	.0059308	-.001588	.0724487
#2	.001221	-.001901	-.000920	.0059962	-.000778	.0686700
#3	-.000922	-.003455	-.001382	.0104761	-.001717	.0768813
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0939634	-.000101	.0022819	61.03743	.0017334	.0009331
Stddev	.0006167	.000004	.0000403	.27741	.0004311	.0001014
%RSD	.6563631	3.522993	1.764376	.4544839	24.87244	10.86793
#1	.0932521	-.000099	.0022544	60.72401	.0014978	.0009378
#2	.0942892	-.000105	.0023281	61.13688	.0022309	.0008295
#3	.0943489	-.000099	.0022633	61.25141	.0014713	.0010321
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070407	.3152181	.2040776	10.61500	.0081003	.0004280
Stddev	.0001458	.0032309	.0015384	.04240	.0001560	.0002130
%RSD	2.070229	1.024989	.7538477	.3994447	1.925225	49.75735
#1	.0070727	.3118573	.2023013	10.56750	.0082080	.0002000
#2	.0071678	.3154958	.2049446	10.62848	.0081713	.0006218
#3	.0068816	.3183013	.2049868	10.64903	.0079215	.0004621
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	131.4256	.0012509	.2687178	8.625560	.0908157	.0018492
Stddev	.7108	.0002571	.0016147	.086506	.0003379	.0003727
%RSD	.5408694	20.55800	.6009060	1.002902	.3721108	20.15233
#1	131.2327	.0012986	.2671322	8.649632	.0904438	.0022771
#2	132.2130	.0009732	.2703602	8.697480	.0908992	.0016747
#3	130.8312	.0014808	.2686612	8.529568	.0911040	.0015959

Sample Name: Q1782-02 Acquired: 4/15/2025 19:54:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002331	.0016145	12.21705	.0327377	F 24.60547	-.013061
Stddev	.001122	.0006769	.03585	.0024435	.05952	.001217
%RSD	48.14108	41.92831	.2934504	7.463997	.2418790	9.314499
#1	-.002509	.0017680	12.20909	.0301019	24.61129	-.014046
#2	-.001130	.0022015	12.25621	.0331836	24.54325	-.013435
#3	-.003353	.0008740	12.18585	.0349275	24.66185	-.011701
Elem	Sr4077					
Units	ppm					
Avg	.2984139					
Stddev	.0010370					
%RSD	.3475096					
#1	.2972462					
#2	.2992275					
#3	.2987681					
Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2677.213	64388.49	12933.41	1789.698	3840.320	
Stddev	6.655	136.83	68.76	5.807	4.357	
%RSD	.2485855	.2125119	.5316395	.3244512	.1134646	
#1	2683.980	64441.62	13009.36	1796.342	3843.267	
#2	2670.676	64233.06	12915.46	1785.591	3842.378	
#3	2676.983	64490.79	12875.40	1787.162	3835.315	

Sample Name: CCV05 Acquired: 4/15/2025 19:59:01 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.823896	4.853169	4.833016	4.840286	4.825080	9.548783	9.603479
Stddev	.002102	.004002	.007164	.008150	.011711	.014868	.071563
%RSD	.0435710	.0824654	.1482268	.1683884	.2427108	.1557041	.7451753
#1	4.822102	4.854206	4.841271	4.847693	4.820164	9.548397	9.680951
#2	4.823377	4.848750	4.828428	4.831554	4.816629	9.534111	9.539848
#3	4.826209	4.856550	4.829350	4.841609	4.838448	9.563840	9.589637
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2382520	2.394315	23.79800	.9717278	2.393310	1.203855	4.869128
Stddev	.0009838	.000972	.05061	.0016298	.001575	.001630	.030894
%RSD	.4129187	.0406112	.2126463	.1677191	.0658066	.1353727	.6344783
#1	.2382873	2.394054	23.84649	.9715564	2.393911	1.204677	4.879960
#2	.2392176	2.393500	23.80201	.9701906	2.391523	1.201978	4.834277
#3	.2372510	2.395392	23.74551	.9734366	2.394495	1.204910	4.893147
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.389113	23.86325	2.403731	1.205433	23.96667	2.395397	2.413442
Stddev	.003994	.06481	.002260	.003466	.27547	.001119	.003648
%RSD	.1671673	.2715769	.0940079	.2875604	1.149379	.0466950	.1511636
#1	2.393265	23.79420	2.402013	1.206382	24.10601	2.394156	2.415376
#2	2.388775	23.92276	2.402890	1.201591	23.64937	2.395709	2.409234
#3	2.385298	23.87280	2.406291	1.208327	24.14464	2.396326	2.415716
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.14796	4.746143	4.855656	4.823886	4.763685	4.870212	4.812380
Stddev	.24593	.029867	.003647	.006531	.010454	.043877	.015273
%RSD	1.018442	.6292842	.0751094	.1353969	.2194510	.9009329	.3173649
#1	24.22837	4.749004	4.856446	4.816827	4.771581	4.865948	4.794782
#2	23.87189	4.774476	4.851679	4.829715	4.751829	4.828621	4.822172
#3	24.34363	4.714948	4.858844	4.825116	4.767643	4.916065	4.820186

Sample Name: CCV05 Acquired: 4/15/2025 19:59:01 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.705592	4.717550	4.783995
Stddev	.010536	.016941	.043477
%RSD	.2239046	.3590984	.9088028
#1	4.695781	4.729864	4.806063
#2	4.704267	4.698230	4.812013
#3	4.716728	4.724556	4.733910

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2736.106	65399.25	13020.07	1830.399	3836.642
Stddev	.816	179.75	68.54	2.610	2.273
%RSD	.0298107	.2748464	.5264318	.1426097	.0592548
#1	2736.369	65334.10	13020.96	1831.320	3838.133
#2	2735.191	65602.49	12951.09	1827.453	3834.025
#3	2736.758	65261.16	13088.17	1832.424	3837.767

Sample Name: CCB05 Acquired: 4/15/2025 20:03:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042676	.0013500	.0009102	-.000698	-.001355	.0059384	-.000078
Stddev	.0015748	.0028468	.0013638	.002285	.002318	.0039406	.000587
%RSD	36.90143	210.8743	149.8425	327.3734	171.0230	66.35771	757.0339
#1	.0024954	-.001140	.0016741	.000214	-.003733	.0100279	-.000537
#2	.0048009	.000737	.0017208	-.003298	.000899	.0056215	.000584
#3	.0055067	.004453	-.000664	.000990	-.001232	.0021658	-.000280
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000005	-.000099	.0027908	-.000270	.0000495	-.000676	-.005328
Stddev	.000038	.000084	.0026113	.000123	.0001842	.000477	.004549
%RSD	708.5468	85.72183	93.56768	45.52026	372.2599	70.59094	85.37993
#1	.000034	-.000189	.0052500	-.000130	.0001119	-.000445	-.010246
#2	-.000009	-.000085	.0030724	-.000322	.0001944	-.001225	-.001270
#3	-.000042	-.000022	.0000502	-.000359	-.000158	-.000359	-.004470
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001283	.0062486	.0000325	.0000880	-.022147	-.002042	-.000202
Stddev	.000229	.0123711	.0003280	.0005459	.019093	.002222	.000083
%RSD	17.84795	197.9812	1010.805	620.4460	86.20909	108.8176	41.01437
#1	-.001501	.0092386	.0003501	-.000313	-.023306	-.004600	-.000184
#2	-.001045	.0168507	.0000521	.000710	-.040634	-.000941	-.000130
#3	-.001303	-.007343	-.000305	-.000132	-.002501	-.000586	-.000293
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0563486	.0087702	.0003503	-.000865	.0001410	-.010456	-.000928
Stddev	.0180851	.0005829	.0003407	.000267	.0005390	.010133	.001304
%RSD	32.09503	6.646699	97.27646	30.91247	382.2390	96.91526	140.5973
#1	.0535118	.0094433	.0007435	-.000598	.0007474	-.021970	.000561
#2	.0756844	.0084387	.0001416	-.000865	-.000283	-.006498	-.001868
#3	.0398495	.0084287	.0001658	-.001133	-.000041	-.002898	-.001477

Sample Name: CCB05 Acquired: 4/15/2025 20:03:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB05 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002273	-.001711	-.000113
Stddev	.003123	.000987	.000061
%RSD	137.4418	57.71081	54.25741
#1	-.000090	-.000990	-.000095
#2	-.000877	-.002836	-.000181
#3	-.005850	-.001307	-.000063

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2819.003	66806.60	12937.97	1858.640	4335.804
Stddev	22.222	105.31	26.48	1.319	39.963
%RSD	.7883022	.1576288	.2046796	.0709541	.9217049
#1	2834.140	66895.62	12910.04	1857.749	4363.424
#2	2829.377	66690.35	12962.71	1860.155	4354.007
#3	2793.490	66833.82	12941.16	1858.017	4289.979

Sample Name: Q1782-03 Acquired: 4/15/2025 20:07:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002987	-.006198	.0010580	-.001983	-.000940	-.032171
Stddev	.003102	.000992	.0021171	.006415	.003820	.004597
%RSD	103.8623	16.00305	200.1099	323.5285	406.4276	14.29099
#1	-.003139	-.007201	.0016642	-.003249	-.004045	-.037279
#2	-.006011	-.005218	.0028059	-.007670	.003326	-.028365
#3	.000188	-.006175	-.001296	.004971	-.002101	-.030868
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2300092	-.000096	.0003501	147.9073	.0217687	-.000098
Stddev	.0011692	.000038	.0000655	.2477	.0006567	.000371
%RSD	.5083435	40.16154	18.70685	.1674626	3.016876	377.4488
#1	.2313448	-.000056	.0003146	148.1243	.0224425	-.000501
#2	.2291706	-.000132	.0004257	147.6374	.0211305	.000229
#3	.2295121	-.000099	.0003100	147.9601	.0217329	-.000023
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0320889	.2904520	.1296294	26.92099	.0135124	.0000484
Stddev	.0001846	.0019137	.0004758	.08232	.0005730	.0002146
%RSD	.5753034	.6588583	.3670648	.3057881	4.240542	443.3020
#1	.0322445	.2882951	.1301428	26.90576	.0141722	.0001251
#2	.0318849	.2919464	.1295421	26.84734	.0132254	.0002140
#3	.0321373	.2911145	.1292032	27.00986	.0131396	-.000194
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	384.8049	-.001158	.0937092	32.96310	.8336043	.0049995
Stddev	3.8596	.001958	.0007717	.18059	.0026211	.0002919
%RSD	1.002996	169.1846	.8235405	.5478671	.3144351	5.839464
#1	389.1735	-.003395	.0945965	33.01851	.8328288	.0047845
#2	383.3841	.000245	.0933373	33.10950	.8314585	.0053319
#3	381.8571	-.000323	.0931939	32.76129	.8365257	.0048822

Sample Name: Q1782-03 Acquired: 4/15/2025 20:07:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003803	-.003354	F 14.15579	.0112683	10.51900	-.026699
Stddev	.000836	.000172	.01781	.0042314	.00741	.000539
%RSD	21.98896	5.116674	.1258422	37.55155	.0704485	2.017786
#1	-.004740	-.003336	14.17489	.0088176	10.51142	-.027169
#2	-.003133	-.003192	14.15286	.0161543	10.51936	-.026818
#3	-.003536	-.003534	14.13962	.0088329	10.52622	-.026111
Elem	Sr4077					
Units	ppm					
Avg	.7166019					
Stddev	.0022932					
%RSD	.3200089					
#1	.7191102					
#2	.7160825					
#3	.7146129					
Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2521.630	59919.11	13305.05	1647.820	3467.149	
Stddev	2.845	272.63	30.49	16.239	2.320	
%RSD	.1128049	.4549990	.2291953	.9855066	.0669041	
#1	2524.636	59632.45	13270.18	1630.981	3464.595	
#2	2521.274	59949.76	13326.76	1649.093	3469.125	
#3	2518.981	60175.12	13318.19	1663.385	3467.728	

Sample Name: Q1782-04 Acquired: 4/15/2025 20:11:55 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001210	-.004633	-.000217	.0038520	.0001299	-.040237
Stddev	.000341	.002209	.000859	.0023797	.0006445	.001756
%RSD	28.18891	47.67665	395.0197	61.77769	496.1055	4.365257
#1	-.001272	-.007182	-.000857	.0064155	.0006658	-.039513
#2	-.000842	-.003425	-.000555	.0017134	.0003093	-.042239
#3	-.001515	-.003291	.000759	.0034272	-.000585	-.038957
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2363238	-.000097	.0003514	151.5779	.0183180	.0000346
Stddev	.0010209	.000027	.0000230	.0484	.0002448	.0001605
%RSD	.4319920	27.40271	6.554094	.0319240	1.336424	464.0212
#1	.2353209	-.000087	.0003662	151.6337	.0185990	.0001767
#2	.2362888	-.000127	.0003631	151.5469	.0182042	.0000665
#3	.2373618	-.000077	.0003249	151.5533	.0181509	-.000139
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0320429	.2261344	.1111827	28.01977	.0124224	.0003858
Stddev	.0003332	.0029351	.0004923	.06105	.0003318	.0004746
%RSD	1.039953	1.297937	.4427711	.2178767	2.671251	123.0072
#1	.0322984	.2227795	.1106377	28.07665	.0126904	.0009174
#2	.0316660	.2273960	.1115952	27.95527	.0125255	.0000048
#3	.0321643	.2282278	.1113151	28.02738	.0120512	.0002352
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	394.7036	-.001157	.0941183	33.36192	.8888175	.0048799
Stddev	3.2905	.001984	.0002396	.03222	.0017067	.0001526
%RSD	.8336592	171.5276	.2545205	.0965709	.1920139	3.127722
#1	397.0388	-.003396	.0942542	33.33955	.8872039	.0050061
#2	390.9404	.000383	.0938417	33.34737	.8906040	.0047103
#3	396.1318	-.000457	.0942590	33.39885	.8886444	.0049232

Sample Name: Q1782-04 Acquired: 4/15/2025 20:11:55 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004338	-.003107	F 14.22966	.0106792	10.70283	-.025576
Stddev	.000306	.000372	.02219	.0018842	.05598	.000840
%RSD	7.048691	11.98042	.1559323	17.64344	.5229943	3.284674
#1	-.004525	-.002827	14.22307	.0090991	10.67872	-.026415
#2	-.004505	-.003529	14.21151	.0127644	10.66295	-.024735
#3	-.003985	-.002963	14.25440	.0101740	10.76682	-.025579

Elem	Sr4077
Units	ppm
Avg	.7316544
Stddev	.0017952
%RSD	.2453620
#1	.7299669
#2	.7314557
#3	.7335407

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2528.313	60221.15	12938.03	1658.842	3477.322
Stddev	5.256	112.26	32.91	11.265	6.727
%RSD	.2078921	.1864187	.2543863	.6790594	.1934422
#1	2524.566	60092.52	12919.71	1651.288	3476.999
#2	2534.321	60271.50	12918.36	1653.449	3484.205
#3	2526.052	60299.42	12976.03	1671.789	3470.763

Sample Name: Q1782-05 Acquired: 4/15/2025 20:16:18 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002543	-.003616	-.000797	.0031974	.0003985	-.037479	.2346368
Stddev	.002320	.000985	.001137	.0027605	.0039976	.004695	.0008698
%RSD	91.24575	27.23602	142.7397	86.33395	1003.166	12.52747	.3707153
#1	-.002911	-.003896	-.001671	.0000099	-.004202	-.034658	.2354594
#2	-.000060	-.004430	-.001208	.0047805	.003029	-.042899	.2347246
#3	-.004656	-.002521	.000489	.0048019	.002368	-.034880	.2337264
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000073	.0000566	159.0026	-.000285	-.000006	.0010649	.1231583
Stddev	.000012	.0000431	.1114	.000302	.000038	.0000868	.0031858
%RSD	16.06804	76.10870	.0700823	105.8409	657.2537	8.151509	2.586709
#1	-.000086	.0001025	159.0342	-.000561	.000020	.0009670	.1239164
#2	-.000063	.0000503	159.0949	-.000334	.000012	.0010955	.1196619
#3	-.000070	.0000170	158.8788	.000038	-.000050	.0011324	.1258966
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0797639	18.25096	.0010316	-.000460	410.4876	-.000592	.0188792
Stddev	.0004968	.03039	.0003566	.000075	4.2210	.000855	.0003192
%RSD	.6227903	.1665186	34.56618	16.25168	1.028285	144.5101	1.690677
#1	.0802158	18.28586	.0007832	-.000492	410.3201	-.001018	.0187908
#2	.0792320	18.23033	.0014402	-.000514	414.7899	.000393	.0186136
#3	.0798440	18.23670	.0008714	-.000375	406.3529	-.001151	.0192333
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.70717	.2978810	.0043438	-.004023	-.003510	11.24810	.0027890
Stddev	.03706	.0010751	.0003932	.000339	.000456	.03566	.0067214
%RSD	.1499979	.3609156	9.052682	8.436345	12.97907	.3170110	240.9961
#1	24.71236	.2991143	.0042266	-.003927	-.003212	11.20892	-.004919
#2	24.66779	.2971419	.0047824	-.003742	-.003284	11.27866	.007428
#3	24.74136	.2973868	.0040226	-.004400	-.004034	11.25673	.005858

Sample Name: Q1782-05 Acquired: 4/15/2025 20:16:18 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	11.11462	-.029282	.7611256
Stddev	.01074	.001045	.0021111
%RSD	.0965877	3.568186	.2773623
#1	11.11026	-.028078	.7630758
#2	11.12685	-.029959	.7588839
#3	11.10675	-.029807	.7614171

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2555.093	61053.76	13049.59	1708.217	3495.482
Stddev	1.458	58.23	31.19	2.323	4.037
%RSD	.0570761	.0953766	.2390373	.1359913	.1154981
#1	2553.898	61098.81	13021.76	1710.674	3499.627
#2	2556.718	60988.01	13043.71	1707.921	3495.257
#3	2554.664	61074.46	13083.31	1706.056	3491.562

Sample Name: Q1782-06 Acquired: 4/15/2025 20:21:08 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000566	-.003965	-.000503	.0082240	.0005323	-.035474	.2488755
Stddev	.006639	.001182	.001028	.0005437	.0024276	.002220	.0012148
%RSD	1171.848	29.80409	204.3461	6.610610	456.0351	6.257490	.4881310

#1	.002506	-.002605	.000462	.0076010	.0029582	-.033342	.2494768
#2	.003979	-.004736	-.000387	.0084691	-.001897	-.035309	.2496724
#3	-.008185	-.004555	-.001583	.0086020	.000536	-.037772	.2474773

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000120	.0001320	167.7729	-.000227	-.000070	.0010168	.1489160
Stddev	.000027	.0000955	.5710	.000276	.000084	.0002426	.0036728
%RSD	22.11606	72.38231	.3403117	121.5304	119.6062	23.85930	2.466362

#1	-.000117	.0001870	167.9219	.000018	-.000107	.0010646	.1477089
#2	-.000148	.0000217	168.2546	-.000173	-.000128	.0007539	.1459986
#3	-.000096	.0001872	167.1422	-.000525	.000026	.0012320	.1530404

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1023921	19.30480	.0009910	-.000076	439.0496	-.000423	.0209260
Stddev	.0007713	.13686	.0003658	.000154	5.4700	.001222	.0003948
%RSD	.7532748	.7089522	36.90951	203.7449	1.245866	288.6524	1.886868

#1	.1025166	19.22439	.0013280	.000016	432.8330	-.001834	.0211180
#2	.1030936	19.46282	.0010431	.000011	443.1254	.000255	.0211882
#3	.1015661	19.22718	.0006020	-.000253	441.1903	.000309	.0204719

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.33270	.3156089	.0044583	-.005053	-.003228	11.70142	.0027712
Stddev	.01402	.0027354	.0001008	.000642	.000532	.07150	.0012978
%RSD	.0532595	.8667192	2.260404	12.70741	16.47815	.6110509	46.83204

#1	26.33971	.3162260	.0044675	-.004321	-.002687	11.62004	.0042475
#2	26.34184	.3179830	.0045542	-.005523	-.003751	11.75420	.0022555
#3	26.31656	.3126176	.0043533	-.005314	-.003247	11.73002	.0018105

Sample Name: Q1782-06 Acquired: 4/15/2025 20:21:08 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	11.59776	-.030020	.8043187
Stddev	.00784	.000501	.0035524
%RSD	.0676262	1.669241	.4416689
#1	11.59013	-.029459	.8077999
#2	11.59735	-.030424	.8044571
#3	11.60580	-.030177	.8006991

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2549.127	60718.79	12987.91	1692.160	3509.079
Stddev	2.263	304.25	85.47	17.240	1.150
%RSD	.0887736	.5010740	.6580877	1.018793	.0327665
#1	2548.034	60863.20	12965.79	1693.909	3507.753
#2	2551.729	60369.23	12915.68	1674.112	3509.677
#3	2547.618	60923.95	13082.27	1708.458	3509.807

Sample Name: Q1782-07 Acquired: 4/15/2025 20:25:31 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001971	-.005171	.0007287	.0067996	.0004440	-.032680	.2269770
Stddev	.001013	.001865	.0008802	.0035542	.0008141	.005575	.0004512
%RSD	51.36745	36.06537	120.7784	52.27038	183.3692	17.06056	.1988015
#1	-.002264	-.004047	-.000276	.0090383	-.000210	-.026495	.2274284
#2	-.000845	-.007323	.001365	.0086592	.001356	-.034224	.2265259
#3	-.002805	-.004142	.001097	.0027014	.000186	-.037320	.2269768
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000126	.0000136	155.6714	.0001073	-.000196	.0011553	.1344121
Stddev	.000011	.0001261	.2465	.0001926	.000208	.0003499	.0041621
%RSD	8.359920	928.0444	.1583415	179.4919	106.1217	30.28754	3.096528
#1	-.000137	-.000117	155.9066	.0002719	-.000431	.0007782	.1330157
#2	-.000124	.000134	155.4150	-.000105	-.000120	.0014696	.1311278
#3	-.000117	.000024	155.6925	.000155	-.000037	.0012180	.1390929
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1961518	18.02640	.0012770	-.000103	403.3774	.0001156	.0191267
Stddev	.0003824	.01659	.0001383	.000181	1.9762	.0006568	.0003187
%RSD	.1949580	.0920096	10.83057	175.1098	.4899256	567.9310	1.666285
#1	.1964624	18.04474	.0011207	-.000260	404.1254	.0007460	.0191028
#2	.1957247	18.02200	.0013268	-.000145	401.1363	-.000565	.0188207
#3	.1962683	18.01245	.0013835	.000095	404.8704	.000166	.0194567
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.30322	.2901944	.0042393	-.004862	-.001616	11.16623	.0046134
Stddev	.23795	.0005803	.0002883	.002020	.000491	.05163	.0039752
%RSD	.9791032	.1999649	6.801402	41.53511	30.41138	.4623908	86.16815
#1	24.03075	.2908616	.0045309	-.006363	-.001125	11.10673	.0005129
#2	24.47012	.2899148	.0039544	-.005658	-.002108	11.19267	.0048770
#3	24.40880	.2898069	.0042327	-.002566	-.001614	11.19928	.0084502

Sample Name: Q1782-07 Acquired: 4/15/2025 20:25:31 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	10.81356	-.027708	.7440219
Stddev	.02723	.000432	.0010493
%RSD	.2518530	1.557881	.1410244
#1	10.78558	-.027299	.7436440
#2	10.81512	-.027666	.7432140
#3	10.83999	-.028159	.7452078

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2547.089	60956.59	13104.71	1668.681	3513.339
Stddev	1.035	34.22	88.14	1.521	7.184
%RSD	.0406202	.0561352	.6726024	.0911447	.2044846
#1	2548.050	60993.14	13003.14	1666.925	3518.801
#2	2545.994	60951.31	13161.17	1669.593	3516.016
#3	2547.224	60925.32	13149.82	1669.525	3505.201

Sample Name: Q1782-07DUP Acquired: 4/15/2025 20:29:53 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001197	-.003294	.0001919	.0049596	.0019960	-.042126	.2282528
Stddev	.001251	.002264	.0004223	.0027045	.0019617	.009026	.0001076
%RSD	104.4848	68.72432	220.1032	54.52949	98.27874	21.42655	.0471564
#1	-.001316	-.000680	-.000295	.0052249	.0000543	-.035892	.2282647
#2	-.002384	-.004593	.000451	.0021323	.0039770	-.052476	.2283540
#3	.000109	-.004608	.000420	.0075217	.0019567	-.038008	.2281398
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000118	-.000033	158.0241	-.000386	-.000153	.0012174	.1328569
Stddev	.000036	.000052	.2382	.000216	.000420	.0001717	.0040642
%RSD	30.25325	155.9246	.1507563	55.96282	274.7254	14.10024	3.059057
#1	-.000086	.000024	158.2530	-.000201	-.000140	.0013576	.1361119
#2	-.000157	-.000078	157.7775	-.000624	.000261	.0012686	.1283017
#3	-.000113	-.000046	158.0417	-.000334	-.000579	.0010260	.1341570
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0564781	18.38080	.0006025	.0000724	408.1914	-.000811	.0192584
Stddev	.0005461	.05652	.0005229	.0002511	5.6101	.000689	.0003858
%RSD	.9668487	.3074926	86.79186	346.7573	1.374387	84.89538	2.003548
#1	.0562714	18.38971	.0000628	.0000135	412.8343	-.000908	.0194043
#2	.0560655	18.32036	.0011069	.0003477	409.7821	-.001446	.0195501
#3	.0570973	18.43234	.0006379	-.000144	401.9576	-.000079	.0188209
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.82872	.2936692	.0043725	-.004152	-.002824	11.49210	.0056823
Stddev	.08854	.0008112	.0001913	.000716	.000170	.02073	.0038064
%RSD	.3565949	.2762343	4.374662	17.23372	6.014508	.1803441	66.98686
#1	24.77105	.2928902	.0042497	-.004920	-.002865	11.48792	.0096848
#2	24.93066	.2945092	.0042750	-.004032	-.002637	11.51460	.0052538
#3	24.78445	.2936083	.0045929	-.003504	-.002969	11.47379	.0021083

Sample Name: Q1782-07DUP Acquired: 4/15/2025 20:29:53 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	11.13298	-.028472	.7514949
Stddev	.04183	.000667	.0013436
%RSD	.3757250	2.343977	.1787897
#1	11.10446	-.027744	.7516027
#2	11.11348	-.028615	.7527814
#3	11.18099	-.029055	.7501007

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2529.014	60292.06	13076.58	1644.500	3474.495
Stddev	1.960	41.31	16.08	2.343	6.618
%RSD	.0774822	.0685243	.1229705	.1424857	.1904867
#1	2527.288	60277.68	13063.51	1643.990	3481.131
#2	2528.611	60259.85	13094.53	1642.453	3474.461
#3	2531.144	60338.64	13071.69	1647.056	3467.894

Sample Name: Q1782-07LX5 Acquired: 4/15/2025 20:34:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011654	-.000072	-.000937	.0047318	-.001486	-.006008	.0442246
Stddev	.0030245	.001250	.002462	.0042220	.001050	.005277	.0003264
%RSD	259.5220	1734.206	262.7254	89.22733	70.63717	87.84408	.7380149
#1	-.002226	-.000642	.001829	.0036489	-.001030	-.012061	.0442389
#2	.002139	-.000936	-.002889	.0093898	-.002687	-.002376	.0438912
#3	.003583	.001362	-.001752	.0011566	-.000741	-.003585	.0445435
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000020	-.000089	31.61693	-.000548	-.000129	-.000256	.0242260
Stddev	.000031	.000066	.24358	.000105	.000015	.000079	.0025250
%RSD	152.4661	74.57838	.7704057	19.16961	11.61296	30.99697	10.42255
#1	-.000048	-.000044	31.33581	-.000619	-.000142	-.000308	.0271157
#2	.000013	-.000165	31.76518	-.000427	-.000133	-.000295	.0231166
#3	-.000026	-.000057	31.74980	-.000598	-.000113	-.000165	.0224456
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0378686	3.664328	.0001158	.0004742	78.28070	-.000210	.0037820
Stddev	.0007935	.063181	.0004972	.0003485	.84260	.000517	.0002178
%RSD	2.095436	1.724227	429.4232	73.49215	1.076389	245.4047	5.758576
#1	.0369701	3.596317	.0003371	.0000755	77.31173	.000173	.0039889
#2	.0381626	3.675473	.0004638	.0006264	78.84135	-.000798	.0038023
#3	.0384732	3.721196	-.000454	.0007208	78.68904	-.000006	.0035547
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.564855	.0663477	.0010421	-.003005	-.000217	2.198980	.0004115
Stddev	.045690	.0002865	.0002968	.000286	.000258	.012312	.0008735
%RSD	1.000915	.4317543	28.48388	9.514198	118.5466	.5598977	212.2834
#1	4.513694	.0664291	.0011355	-.002815	-.000285	2.184769	-.000355
#2	4.601592	.0665847	.0012810	-.002867	-.000434	2.205730	.000228
#3	4.579280	.0660294	.0007098	-.003334	.000067	2.206440	.001362

Sample Name: Q1782-07LX5 Acquired: 4/15/2025 20:34:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.183700	-.003153	.1476048
Stddev	.003041	.001147	.0013897
%RSD	.1392377	36.39624	.9414635
#1	2.183725	-.002359	.1460011
#2	2.180647	-.002631	.1484518
#3	2.186727	-.004468	.1483617

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2705.968	63972.45	13569.88	1783.455	3863.522
Stddev	8.828	55.43	26.47	9.125	9.478
%RSD	.3262536	.0866487	.1950706	.5116553	.2453113
#1	2706.715	64035.78	13597.49	1793.660	3868.660
#2	2714.398	63948.81	13567.43	1776.081	3869.321
#3	2696.789	63932.75	13544.71	1780.623	3852.585

Sample Name: Q1782-07MS Acquired: 4/15/2025 20:38:34 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6936627	1.560223	.8070224	1.664634	.7008900	1.559052	.3826285
Stddev	.0027069	.005073	.0033356	.006228	.0022531	.009056	.0013364
%RSD	.3902345	.3251519	.4133174	.3741596	.3214658	.5808746	.3492650
#1	.6947015	1.565758	.8031721	1.664944	.6987560	1.563851	.3815098
#2	.6905902	1.559117	.8088596	1.658257	.7032458	1.564697	.3841083
#3	.6956963	1.555795	.8090354	1.670702	.7006682	1.548606	.3822672
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1556907	.1693917	155.0197	.3256366	.1631630	.2385207	2.650491
Stddev	.0002100	.0002038	.0949	.0016853	.0002743	.0010443	.024621
%RSD	.1348507	.1203147	.0612436	.5175447	.1681075	.4378241	.9289327
#1	.1556621	.1695837	155.0191	.3242475	.1634272	.2394401	2.623064
#2	.1554966	.1694136	154.9251	.3251508	.1628796	.2373853	2.670686
#3	.1559135	.1691778	155.1150	.3275114	.1631821	.2387367	2.657725
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2112729	19.25449	.4076757	.0624064	396.7626	.2389622	.1876090
Stddev	.0008222	.03694	.0008670	.0004107	4.5180	.0043854	.0004590
%RSD	.3891662	.1918769	.2126565	.6580722	1.138726	1.835207	.2446384
#1	.2113538	19.28811	.4069444	.0626333	399.1030	.2419625	.1870801
#2	.2120517	19.21494	.4086334	.0626536	391.5545	.2339293	.1879034
#3	.2104133	19.26042	.4074494	.0619323	399.6303	.2409950	.1878434
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.85005	.4955901	.3558433	.5922942	.1608953	11.45671	5.294168
Stddev	.10513	.0007895	.0012039	.0002225	.0002850	.00519	.011948
%RSD	.3200282	.1593070	.3383146	.0375665	.1771557	.0452774	.2256853
#1	32.77544	.4955227	.3560873	.5920409	.1610411	11.46257	5.283349
#2	32.97028	.4948365	.3545362	.5923836	.1605668	11.45272	5.292165
#3	32.80443	.4964112	.3569066	.5924580	.1610778	11.45483	5.306992

Sample Name: Q1782-07MS Acquired: 4/15/2025 20:38:34 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	11.01776	.1482371	.9039500
Stddev	.01159	.0011711	.0013467
%RSD	.1051921	.7900143	.1489735
#1	11.02666	.1494092	.9044229
#2	11.00465	.1482350	.9049963
#3	11.02197	.1470670	.9024306

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2538.165	61771.70	13124.42	1713.614	3452.371
Stddev	5.516	291.69	63.42	7.006	2.777
%RSD	.2173349	.4722123	.4832470	.4088441	.0804279
#1	2534.704	61880.58	13118.31	1711.067	3450.070
#2	2544.526	61993.29	13190.68	1721.538	3455.455
#3	2535.265	61441.23	13064.28	1708.238	3451.587

Sample Name: Q1782-07MSD Acquired: 4/15/2025 20:42:45 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7006158	1.552223	.8086613	1.671501	.7548264	1.587785	.3900551
Stddev	.0032254	.010537	.0029385	.007112	.0004781	.002172	.0008006
%RSD	.4603604	.6788268	.3633761	.4254737	.0633456	.1368152	.2052441
#1	.7038619	1.551618	.8071865	1.671648	.7543633	1.589013	.3902404
#2	.7005740	1.542001	.8067522	1.664317	.7553183	1.589065	.3907468
#3	.6974116	1.563049	.8120451	1.678538	.7547974	1.585277	.3891782
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1616574	.1696396	158.0973	.3319891	.1640131	.2402234	2.914577
Stddev	.0004561	.0005077	.4016	.0015443	.0003936	.0001042	.023192
%RSD	.2821068	.2992895	.2539921	.4651666	.2399656	.0433905	.7957239
#1	.1620921	.1692534	157.8642	.3305364	.1636077	.2403006	2.891440
#2	.1616975	.1694507	158.5610	.3318198	.1643937	.2402647	2.937824
#3	.1611827	.1702147	157.8667	.3336110	.1640378	.2401048	2.914467
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2246032	19.74744	.4083439	.0638683	402.6140	.2428698	.1920031
Stddev	.0014866	.03322	.0011739	.0006752	1.1825	.0020769	.0007399
%RSD	.6618810	.1682265	.2874795	1.057247	.2936940	.8551558	.3853338
#1	.2237005	19.74604	.4071119	.0646404	401.4373	.2452049	.1917041
#2	.2263190	19.78134	.4084701	.0635768	403.8021	.2421757	.1914594
#3	.2237900	19.71494	.4094495	.0633879	402.6025	.2412288	.1928456
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.18630	.5120283	.3862661	.6347058	.1757509	11.57716	5.302476
Stddev	.21182	.0027867	.0009054	.0023354	.0007799	.09987	.016606
%RSD	.6382676	.5442494	.2343979	.3679493	.4437390	.8626725	.3131675
#1	32.94174	.5142356	.3862896	.6354282	.1764341	11.46209	5.288114
#2	33.30585	.5129523	.3853491	.6320946	.1749012	11.62815	5.298654
#3	33.31133	.5088969	.3871595	.6365947	.1759175	11.64125	5.320659

Sample Name: Q1782-07MSD Acquired: 4/15/2025 20:42:45 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	10.88017	.1526666	.9203340
Stddev	.03587	.0020794	.0016024
%RSD	.3297024	1.362081	.1741129
#1	10.89038	.1507239	.9193706
#2	10.84031	.1548601	.9221838
#3	10.90984	.1524159	.9194476

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2549.997	61437.78	12843.20	1713.993	3502.157
Stddev	7.965	310.15	38.46	6.982	5.614
%RSD	.3123485	.5048128	.2994654	.4073324	.1603132
#1	2542.546	61792.75	12830.16	1720.411	3497.218
#2	2549.052	61219.21	12812.95	1715.009	3500.989
#3	2558.391	61301.38	12886.48	1706.559	3508.263

Sample Name: Q1782-07A Acquired: 4/15/2025 20:46:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6945713	1.558810	.8058831	1.664757	.7281460	1.581839	.3797707
Stddev	.0045609	.008981	.0018478	.008460	.0024097	.006543	.0010709
%RSD	.6566525	.5761352	.2292847	.5081858	.3309352	.4136056	.2819834
#1	.6962303	1.569037	.8056849	1.657437	.7269910	1.577090	.3809005
#2	.6894130	1.555187	.8041424	1.662815	.7265313	1.589302	.3787705
#3	.6980705	1.552208	.8078219	1.674020	.7309158	1.579125	.3796410
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1587234	.1694097	154.9532	.3315990	.1628944	.2379535	2.740318
Stddev	.0005720	.0000288	.2273	.0003537	.0001795	.0007661	.003077
%RSD	.3603754	.0170100	.1466769	.1066608	.1102111	.3219548	.1122748
#1	.1591376	.1694303	155.1587	.3318949	.1626961	.2381687	2.736830
#2	.1589618	.1693768	154.9917	.3312072	.1630458	.2371029	2.741479
#3	.1580708	.1694221	154.7090	.3316948	.1629413	.2385891	2.742646
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2131782	19.44564	.4082394	.0633938	392.4766	.2382770	.1893007
Stddev	.0002124	.02755	.0003580	.0002465	.2219	.0009132	.0001362
%RSD	.0996177	.1416838	.0877032	.3887663	.0565265	.3832586	.0719565
#1	.2134229	19.46460	.4085002	.0631919	392.5573	.2386249	.1892228
#2	.2130425	19.45829	.4083868	.0636685	392.2257	.2389651	.1894580
#3	.2130692	19.41404	.4078312	.0633211	392.6468	.2372410	.1892214
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.78538	.4993523	.3725792	.6122627	.1646122	11.56732	5.258264
Stddev	.12957	.0025977	.0010254	.0014582	.0011865	.04880	.006444
%RSD	.3952140	.5202101	.2752143	.2381639	.7207819	.4219108	.1225444
#1	32.64312	.5020339	.3720178	.6139107	.1657028	11.52224	5.264905
#2	32.81637	.4991754	.3719571	.6117379	.1633488	11.61915	5.252037
#3	32.89664	.4968476	.3737627	.6111395	.1647852	11.56057	5.257852

Sample Name: Q1782-07A Acquired: 4/15/2025 20:46:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	10.82632	.1485805	.8992469
Stddev	.02972	.0005373	.0008591
%RSD	.2744845	.3616389	.0955354
#1	10.84989	.1480227	.8996562
#2	10.79294	.1486242	.8982596
#3	10.83612	.1490947	.8998247

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2542.145	61077.93	12959.95	1676.829	3478.982
Stddev	2.223	245.21	70.80	2.121	4.071
%RSD	.0874506	.4014769	.5463116	.1265019	.1170174
#1	2544.274	61126.00	12906.22	1677.136	3478.635
#2	2542.322	60812.24	12933.45	1674.571	3475.095
#3	2539.838	61295.55	13040.18	1678.780	3483.215

Sample Name: CCV06 Acquired: 4/15/2025 20:51:09 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.975376	4.997896	4.961164	4.981016	4.977457	9.773536	9.448157
Stddev	.010104	.030311	.008548	.009858	.018565	.016458	.090783
%RSD	.2030811	.6064749	.1723081	.1979191	.3729724	.1683890	.9608491
#1	4.964039	4.975694	4.953590	4.969853	4.959971	9.786384	9.460031
#2	4.978658	5.032429	4.959469	4.984669	4.975462	9.779238	9.532417
#3	4.983432	4.985564	4.970433	4.988526	4.996939	9.754985	9.352021
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2454736	2.462895	23.97190	1.005378	2.454973	1.226422	4.943834
Stddev	.0007785	.004993	.07599	.002009	.003936	.000434	.012412
%RSD	.3171312	.2027357	.3170162	.1998000	.1603258	.0353607	.2510612
#1	.2463275	2.458055	23.97983	1.007137	2.450956	1.226342	4.952302
#2	.2452900	2.462602	24.04362	1.005809	2.455142	1.226033	4.949614
#3	.2448034	2.468029	23.89225	1.003189	2.458822	1.226890	4.929586
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.380976	24.26033	2.474319	1.242623	24.90615	2.430776	2.485838
Stddev	.010930	.02598	.004524	.003252	.09181	.003664	.006318
%RSD	.4590677	.1071043	.1828267	.2616681	.3686339	.1507262	.2541690
#1	2.382673	24.24262	2.470471	1.246313	24.98900	2.434998	2.484138
#2	2.390958	24.29016	2.473183	1.240178	24.92202	2.428899	2.480543
#3	2.369296	24.24820	2.479302	1.241377	24.80744	2.428432	2.492832
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.31266	4.853937	4.999578	4.965378	4.747688	5.073429	4.883185
Stddev	.05615	.017020	.010376	.007870	.013842	.025131	.001014
%RSD	.2218419	.3506358	.2075339	.1585054	.2915505	.4953519	.0207667
#1	25.24933	4.871589	4.988732	4.957422	4.760048	5.046464	4.883951
#2	25.33227	4.852594	5.000595	4.965551	4.750283	5.096199	4.882035
#3	25.35638	4.837629	5.009409	4.973160	4.732732	5.077624	4.883568

Sample Name: CCV06 Acquired: 4/15/2025 20:51:09 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV06 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.818665	4.783787	4.815941
Stddev	.007082	.011238	.039998
%RSD	.1469723	.2349172	.8305246
#1	4.818709	4.791451	4.823897
#2	4.825725	4.789023	4.851363
#3	4.811561	4.770887	4.772563

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2714.871	64144.67	12978.57	1772.183	3801.427
Stddev	1.011	88.19	51.46	4.597	1.908
%RSD	.0372480	.1374855	.3965066	.2593740	.0501907
#1	2714.822	64099.32	12952.59	1776.363	3802.439
#2	2715.906	64088.37	12945.28	1767.260	3802.617
#3	2713.886	64246.30	13037.84	1772.927	3799.227

Sample Name: CCB06 Acquired: 4/15/2025 20:55:19 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008653	.0004924	-.000961	.0014244	-.002387	-.000036	-.000596
Stddev	.0027994	.0010056	.001064	.0018083	.001449	.004191	.001419
%RSD	323.5257	204.2122	110.6761	126.9462	60.71560	11777.77	237.9356

#1	-.000530	-.000657	-.001881	.0027709	-.003772	.003787	.000999
#2	.004088	.000923	.000204	.0021333	-.002509	-.004516	-.001716
#3	-.000962	.001211	-.001207	-.000631	-.000881	.000623	-.001072

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000137	-.000059	.0002600	-.000362	-.000031	-.000511	-.005734
Stddev	.0000291	.000040	.0051504	.000241	.000112	.000308	.003620
%RSD	212.0182	67.54540	1980.736	66.60267	363.0641	60.18204	63.13901

#1	-.000012	-.000043	.0055337	-.000089	.000089	-.000585	-.002598
#2	.000008	-.000029	-.004758	-.000544	-.000133	-.000775	-.009696
#3	.000045	-.000104	.000004	-.000453	-.000048	-.000173	-.004908

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001155	.0001741	-.000026	.0002974	.0757590	-.000344	.0000398
Stddev	.000063	.0125871	.000319	.0002549	.0054711	.000755	.0000369
%RSD	5.456654	7228.146	1237.468	85.70801	7.221751	219.1986	92.82060

#1	-.001092	.0133527	-.000174	.0002556	.0818638	-.000836	.0000777
#2	-.001218	-.001107	.000340	.0005707	.0712987	-.000722	.0000378
#3	-.001155	-.011724	-.000243	.0000660	.0741146	.000525	.0000039

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0924708	.0094558	.0002652	-.000942	-.000503	-.010184	-.003388
Stddev	.0253195	.0005792	.0001160	.000516	.000138	.006178	.001388
%RSD	27.38103	6.125533	43.73360	54.74771	27.40517	60.66503	40.96917

#1	.0656959	.0095820	.0002438	-.000368	-.000627	-.004303	-.001860
#2	.1160270	.0099616	.0003904	-.001366	-.000354	-.016621	-.004572
#3	.0956894	.0088239	.0001614	-.001093	-.000527	-.009628	-.003732

Sample Name: CCB06 Acquired: 4/15/2025 20:55:19 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB06 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001267	-.000244	-.000072
Stddev	.001315	.000083	.000034
%RSD	103.8147	33.77099	47.48079
#1	.000244	-.000186	-.000078
#2	-.001889	-.000209	-.000035
#3	-.002156	-.000339	-.000103

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2836.598	66961.01	12965.39	1847.937	4349.873
Stddev	2.695	179.91	25.21	12.759	3.329
%RSD	.0949958	.2686780	.1944565	.6904404	.0765207
#1	2835.579	66789.93	12972.68	1833.229	4352.145
#2	2834.561	66944.49	12937.33	1854.556	4346.052
#3	2839.653	67148.61	12986.15	1856.026	4351.421

Sample Name: Q1782-08 Acquired: 4/15/2025 20:59:40 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001435	-.004298	.0006124	.0041713	.0003966	-.030295	.2514262
Stddev	.000872	.000511	.0016226	.0020319	.0010639	.004106	.0009026
%RSD	60.74736	11.88491	264.9355	48.71072	268.2637	13.55458	.3589805
#1	-.002134	-.004458	-.000823	.0063491	-.000647	-.028015	.2523220
#2	-.000458	-.003726	.002373	.0038382	.000358	-.035036	.2514395
#3	-.001715	-.004709	.000288	.0023266	.001479	-.027835	.2505171
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000116	.0001112	170.9344	-.000082	.0000265	.0010183	.1425817
Stddev	.000028	.0000847	.2675	.000064	.0000443	.0003720	.0032111
%RSD	24.11790	76.10990	.1565138	77.39350	167.1421	36.53409	2.252132
#1	-.000086	.0000742	171.1659	-.000017	.0000776	.0011778	.1420335
#2	-.000141	.0000514	170.9958	-.000084	-.000000	.0005931	.1460317
#3	-.000119	.0002081	170.6415	-.000145	.000002	.0012841	.1396800
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0653924	19.68537	.0006678	-.000190	453.0711	-.000518	.0209439
Stddev	.0005637	.05308	.0001680	.000189	4.3116	.001201	.0004524
%RSD	.8620804	.2696280	25.16300	99.26181	.9516442	231.8050	2.159880
#1	.0654123	19.70681	.0004807	-.000044	449.3645	.000042	.0214521
#2	.0648190	19.72437	.0007169	-.000123	457.8030	-.001897	.0207945
#3	.0659460	19.62493	.0008058	-.000403	452.0459	.000301	.0205852
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.89069	.3196684	.0042590	-.004749	-.003929	12.14280	.0030072
Stddev	.18285	.0013941	.0000350	.000538	.000229	.06868	.0014476
%RSD	.6799665	.4361162	.8219618	11.33203	5.819413	.5656348	48.13706
#1	27.00235	.3194483	.0042213	-.004394	-.003857	12.16829	.0027078
#2	26.99004	.3183975	.0042652	-.004484	-.003744	12.19511	.0017328
#3	26.67967	.3211595	.0042905	-.005368	-.004184	12.06502	.0045812

Sample Name: Q1782-08 Acquired: 4/15/2025 20:59:40 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	11.88019	-.030688	.8158118
Stddev	.03455	.001266	.0017824
%RSD	.2908010	4.125136	.2184785
#1	11.84613	-.029716	.8168582
#2	11.91521	-.032120	.8168235
#3	11.87921	-.030229	.8137538

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2532.569	60095.69	13057.24	1676.787	3464.788
Stddev	1.154	259.96	12.24	13.010	1.160
%RSD	.0455636	.4325845	.0937306	.7758593	.0334903
#1	2531.523	59873.15	13059.54	1671.002	3463.450
#2	2532.377	60032.48	13068.17	1667.673	3465.411
#3	2533.807	60381.43	13044.01	1691.686	3465.505

Sample Name: Q1794-04 Acquired: 4/15/2025 21:04:03 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035220	-.001447	.0185452	.0030696	.0014071	15.80170
Stddev	.0026335	.001690	.0010707	.0032075	.0005193	.05565
%RSD	74.77291	116.8295	5.773640	104.4926	36.90534	.3522034
#1	.0016344	-.001995	.0191103	-.000049	.0020033	15.75144
#2	.0024010	.000450	.0192151	.002898	.0010532	15.86151
#3	.0065305	-.002794	.0173103	.006359	.0011648	15.79214
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1280389	.0010788	-.001806	84.32595	.0398748	.0119167
Stddev	.0003161	.0000407	.000084	.43525	.0003353	.0002119
%RSD	.2469009	3.776434	4.634291	.5161477	.8409220	1.778245
#1	.1276740	.0010374	-.001903	83.84002	.0399715	.0117431
#2	.1282128	.0011189	-.001761	84.68002	.0395018	.0118541
#3	.1282299	.0010800	-.001755	84.45781	.0401512	.0121528
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0806007	43.37470	.5020400	23.23957	.0258650	-.001015
Stddev	.0004981	.11906	.0007442	.18305	.0005371	.000250
%RSD	.6180112	.2744973	.1482295	.7876718	2.076699	24.60355
#1	.0803237	43.42693	.5017511	23.02936	.0256868	-.001019
#2	.0803026	43.45872	.5028854	23.36383	.0264686	-.001263
#3	.0811758	43.23845	.5014837	23.32552	.0254397	-.000763
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	182.7585	.0593697	1.005044	24.56356	.1718464	.0133213
Stddev	3.1692	.0005274	.004355	.13510	.0008316	.0001401
%RSD	1.734088	.8883346	.4333381	.5500213	.4838987	1.051712
#1	179.6052	.0596402	1.000900	24.67735	.1710320	.0133779
#2	182.7270	.0597070	1.004650	24.59909	.1726941	.0131617
#3	185.9433	.0587620	1.009583	24.41424	.1718131	.0134241

Sample Name: Q1794-04 Acquired: 4/15/2025 21:04:03 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000266	.4513795	F 46.17505	1.694780	F 75.81388	.2341062
Stddev	.0002740	.0039962	.22125	.008774	.11731	.0016543
%RSD	1032.182	.8853377	.4791541	.5176875	.1547280	.7066314
#1	-.000195	.4473850	46.39590	1.684654	75.78095	.2333197
#2	-.000058	.4553774	46.17585	1.699573	75.71656	.2360069
#3	.000333	.4513760	45.95340	1.700113	75.94413	.2329919

Elem	Sr4077
Units	ppm
Avg	.5763838
Stddev	.0023506
%RSD	.4078209
#1	.5739924
#2	.5786914
#3	.5764675

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2670.093	64713.48	13878.57	1799.494	3674.858
Stddev	10.261	101.00	100.37	5.285	7.881
%RSD	.3843038	.1560772	.7232098	.2936705	.2144549
#1	2681.363	64628.20	13990.23	1803.924	3683.789
#2	2667.625	64825.02	13849.64	1800.914	3671.905
#3	2661.291	64687.22	13795.84	1793.645	3668.880

Sample Name: Q1797-01 Acquired: 4/15/2025 21:08:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0878558	-.314777	-.055450	2.048137	.3803514	3.273745	.0404368
Stddev	.0057634	.007001	.002513	.026674	.0067239	.001572	.0005162
%RSD	6.560008	2.224020	4.531440	1.302351	1.767806	.0480058	1.276508
#1	.0821389	-.306802	-.053415	2.056158	.3761414	3.274536	.0406590
#2	.0936645	-.317617	-.058258	2.018373	.3768068	3.274764	.0398468
#3	.0877641	-.319911	-.054676	2.069880	.3881059	3.271935	.0408047
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025160	-.063149	25.39219	.0483400	.0426076	.1771012	635.1738
Stddev	.0000641	.000738	.07311	.0005806	.0009611	.0008345	.2486
%RSD	2.546422	1.168004	.2879367	1.201025	2.255675	.4711829	.0391403
#1	.0025729	-.063600	25.47411	.0477126	.0426402	.1765555	635.4524
#2	.0025286	-.063550	25.33356	.0484491	.0416306	.1766862	635.0946
#3	.0024466	-.062298	25.36890	.0488583	.0435520	.1780617	634.9745
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.79806	4.257136	.0361177	.0112375	159.6141	.0344038	1.313871
Stddev	.06397	.008747	.0004491	.0005590	.4747	.0019131	.008661
%RSD	.3808357	.2054598	1.243353	4.974677	.2973918	5.560766	.6591778
#1	16.87150	4.264519	.0356155	.0118686	159.1564	.0353204	1.305898
#2	16.76819	4.259412	.0364806	.0108044	160.1041	.0322048	1.312630
#3	16.75447	4.247476	.0362571	.0110395	159.5816	.0356861	1.323085
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.11822	.3937418	.0271339	.4873364	.0899439	5.692237	1.717558
Stddev	.24405	.0048421	.0002632	.0063191	.0016062	.056061	.008630
%RSD	.6083346	1.229777	.9698628	1.296654	1.785734	.9848595	.5024667
#1	39.84291	.3891337	.0268733	.4856743	.0893018	5.635626	1.725783
#2	40.30798	.3933036	.0271288	.4820146	.0887581	5.693355	1.708573
#3	40.20378	.3987882	.0273996	.4943204	.0917717	5.747730	1.718319

Sample Name: Q1797-01 Acquired: 4/15/2025 21:08:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	12.56132	.3221511	.0779742
Stddev	.09695	.0001826	.0003642
%RSD	.7717880	.0566730	.4671158

#1	12.50450	.3222955	.0783937
#2	12.50620	.3222120	.0777894
#3	12.67326	.3219459	.0777393

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1953.471	52229.38	14568.19	1300.917	3421.207
Stddev	12.096	123.10	99.08	8.590	22.353
%RSD	.6192217	.2356857	.6801205	.6603216	.6533788

#1	1955.868	52341.81	14456.17	1307.222	3424.362
#2	1964.190	52248.48	14644.34	1304.395	3441.815
#3	1940.356	52097.85	14604.06	1291.133	3397.443

Sample Name: Q1798-01 Acquired: 4/15/2025 21:12:41 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0612811	-.000376	1.912630	.0150479	.0117921	84.32300
Stddev	.0031806	.002825	.004957	.0032303	.0020099	.18725
%RSD	5.190141	751.4878	.2591654	21.46646	17.04485	.2220628
#1	.0576976	-.001057	1.913885	.0158438	.0131749	84.24989
#2	.0623766	.002728	1.907166	.0178058	.0094864	84.18333
#3	.0637691	-.002799	1.916838	.0114941	.0127148	84.53577
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.065434	.0054166	.0038004	376.8543	.2275297	.0744520
Stddev	.008356	.0000185	.0006176	.8333	.0022184	.0005605
%RSD	.2725877	.3413424	16.25094	.2211111	.9749715	.7528349
#1	3.070597	.0053964	.0037760	376.6626	.2260190	.0739988
#2	3.055794	.0054207	.0031954	376.1336	.2300765	.0742784
#3	3.069912	.0054326	.0044299	377.7668	.2264935	.0750787
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.005794	174.0292	4.124051	105.4566	.2205672	-.001901
Stddev	.000864	1.8911	.009385	.1141	.0007811	.000635
%RSD	.0858539	1.086648	.2275652	.1081579	.3541319	33.41972
#1	1.004981	173.3338	4.127646	105.5353	.2197679	-.001728
#2	1.005701	176.1696	4.113400	105.3258	.2206048	-.001370
#3	1.006701	172.5843	4.131107	105.5086	.2213288	-.002605
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	669.0782	.2531928	3.709128	59.98301	.9056357	.0223210
Stddev	3.5744	.0008282	.047222	.49825	.0079167	.0004214
%RSD	.5342275	.3270878	1.273122	.8306512	.8741562	1.887678
#1	673.2030	.2523162	3.680466	59.72105	.9012106	.0220054
#2	667.1422	.2539621	3.763631	60.55760	.9147755	.0221581
#3	666.8894	.2532999	3.683287	59.67039	.9009209	.0227995

Sample Name: Q1798-01 Acquired: 4/15/2025 21:12:41 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0292136	2.268361	F 90.63238	6.442027	F 29.46187	.1686334
Stddev	.0004735	.006772	.92893	.014376	.20753	.0008250
%RSD	1.620926	.2985205	1.024946	.2231587	.7044051	.4892307
#1	.0286811	2.271027	90.10257	6.435712	29.31578	.1683641
#2	.0295873	2.260663	91.70500	6.431890	29.37040	.1695594
#3	.0293723	2.273395	90.08959	6.458480	29.69942	.1679767

Elem	Sr4077
Units	ppm
Avg	1.672572
Stddev	.013400
%RSD	.8011813
#1	1.687255
#2	1.661002
#3	1.669460

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2651.425	62601.66	14488.92	1710.259	3104.008
Stddev	4.660	581.46	29.54	15.515	2.576
%RSD	.1757698	.9288277	.2039087	.9071930	.0829914
#1	2648.849	62867.61	14477.69	1714.947	3104.999
#2	2648.621	61934.79	14522.43	1692.941	3105.941
#3	2656.805	63002.60	14466.63	1722.890	3101.084

Sample Name: Q1799-01 Acquired: 4/15/2025 21:17:11 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0220817	-.008353	.0507175	.0151483	.0058067	7.461632
Stddev	.0037420	.001022	.0028241	.0038102	.0039306	.013852
%RSD	16.94633	12.23820	5.568353	25.15282	67.69030	.1856388
#1	.0254191	-.008035	.0526704	.0182091	.0016410	7.473558
#2	.0180362	-.007527	.0474793	.0163550	.0094500	7.464900
#3	.0227899	-.009496	.0520026	.0108808	.0063292	7.446439
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1043683	.0002026	-.000131	178.9940	.0231707	.0187072
Stddev	.0010956	.0000050	.000111	.2816	.0005925	.0001738
%RSD	1.049724	2.449894	84.49197	.1573358	2.557308	.9291390
#1	.1049763	.0002018	-.000234	179.2716	.0227150	.0189018
#2	.1031036	.0002079	-.000145	179.0019	.0229564	.0186526
#3	.1050252	.0001981	-.000014	178.7085	.0238405	.0185672
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0942731	12.95576	1.303296	34.63179	.0655494	-.000153
Stddev	.0005103	.02762	.002064	.07877	.0004619	.000493
%RSD	.5412834	.2131607	.1583849	.2274363	.7046248	322.3462
#1	.0942732	12.94614	1.305598	34.72204	.0651630	.000179
#2	.0947833	12.98690	1.302682	34.59646	.0654244	-.000720
#3	.0937627	12.93423	1.301609	34.57689	.0660610	.000082
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1510.870	.0278874	.1953458	34.90870	.4614405	.0917611
Stddev	20.300	.0005766	.0009019	.10806	.0012003	.0004099
%RSD	1.343578	2.067589	.4616760	.3095518	.2601165	.4466663
#1	1511.782	.0275553	.1949012	34.78715	.4628228	.0915511
#2	1490.129	.0275537	.1947526	34.94506	.4608354	.0914989
#3	1530.698	.0285532	.1963836	34.99389	.4606631	.0922334

Sample Name: Q1799-01 Acquired: 4/15/2025 21:17:11 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008488	.2168365	F 22.87824	9.402084	F 87.06479	.0043553
Stddev	.0005617	.0013223	.07840	.031277	.31549	.0010830
%RSD	66.18321	.6098052	.3426733	.3326611	.3623675	24.86558
#1	.0012576	.2169595	22.79510	9.382523	86.93063	.0037031
#2	.0002082	.2180930	22.88880	9.385572	86.83854	.0056054
#3	.0010804	.2154570	22.95082	9.438157	87.42519	.0037574

Elem	Sr4077
Units	ppm
Avg	.9490411
Stddev	.0016434
%RSD	.1731630
#1	.9497644
#2	.9501988
#3	.9471602

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2350.300	56221.27	13073.74	1533.696	3073.024
Stddev	3.525	245.49	3.84	7.609	2.143
%RSD	.1499798	.4366464	.0293560	.4961012	.0697498
#1	2346.233	56502.22	13078.05	1541.825	3070.747
#2	2352.185	56113.46	13070.70	1532.520	3075.003
#3	2352.482	56048.14	13072.48	1526.744	3073.321

Sample Name: Q1750-01 Acquired: 4/15/2025 21:21:31 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001686	-.004637	.0004749	.0051551	-.000683	.1278110	.0196402
Stddev	.001375	.001226	.0009571	.0020646	.001182	.0025776	.0008948
%RSD	81.56937	26.43552	201.5168	40.05071	173.0331	2.016711	4.556070
#1	-.000834	-.003447	.0015739	.0071277	-.002003	.1280089	.0206728
#2	-.003273	-.005895	.0000259	.0030093	-.000319	.1302839	.0191548
#3	-.000951	-.004568	-.000175	.0053283	.000274	.1251402	.0190929
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000100	-.000119	12.64156	.0019758	-.000331	.0815636	.0896527
Stddev	.000033	.000048	.02535	.0001469	.000255	.0006219	.0028670
%RSD	33.30529	40.30590	.2005488	7.437171	77.19451	.7625133	3.197851
#1	-.000062	-.000170	12.66719	.0020790	-.000050	.0820961	.0902240
#2	-.000113	-.000075	12.61649	.0018076	-.000549	.0817147	.0921909
#3	-.000125	-.000111	12.64101	.0020409	-.000394	.0808801	.0865431
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0341427	2.600469	.0004816	.0004893	17.94765	-.001567	.0221917
Stddev	.0003674	.027476	.0002041	.0001955	.12233	.001974	.0002855
%RSD	1.076039	1.056580	42.38300	39.94445	.6815813	125.9876	1.286648
#1	.0337937	2.629726	.0002459	.0006331	17.81838	-.003823	.0219443
#2	.0345261	2.575213	.0005972	.0002668	18.06158	-.000158	.0221267
#3	.0341084	2.596467	.0006018	.0005681	17.96299	-.000719	.0225042
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.215425	.0104519	.0005746	-.000712	.0031309	1.933002	1.164388
Stddev	.021404	.0002616	.0002961	.000434	.0002577	.005459	.003368
%RSD	1.761041	2.503397	51.52954	61.04037	8.231605	.2824309	.2892402
#1	1.193172	.0107438	.0007004	-.001021	.0031356	1.929453	1.168126
#2	1.217238	.0103736	.0007870	-.000899	.0028709	1.939288	1.163448
#3	1.235865	.0102384	.0002364	-.000215	.0033862	1.930264	1.161590

Sample Name: Q1750-01 Acquired: 4/15/2025 21:21:31 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.191113	-.005961	.0543552
Stddev	.011282	.000565	.0001873
%RSD	.5148806	9.476124	.3446060
#1	2.188964	-.006596	.0545002
#2	2.203315	-.005773	.0541437
#3	2.181061	-.005514	.0544217

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2784.532	67490.15	13511.50	1833.478	4208.117
Stddev	8.562	169.61	62.51	7.390	11.760
%RSD	.3074794	.2513039	.4626059	.4030579	.2794621
#1	2779.361	67659.46	13443.39	1834.198	4208.154
#2	2779.820	67320.26	13566.23	1825.755	4196.338
#3	2794.415	67490.73	13524.89	1840.482	4219.859

Sample Name: Q1750-02 Acquired: 4/15/2025 21:25:50 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002062	-.003402	.0000215	.0031999	-.000444	.0418919	.0202376
Stddev	.0011881	.001318	.0008022	.0034859	.001050	.0062169	.0006493
%RSD	576.2233	38.72813	3735.249	108.9396	236.1675	14.84041	3.208261
#1	.0012492	-.001994	-.000227	.0007120	-.000942	.0376819	.0202316
#2	.0004565	-.003608	.000919	.0017034	-.001153	.0389613	.0195914
#3	-.001087	-.004605	-.000627	.0071841	.000762	.0490325	.0208899
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000132	-.000195	12.07250	-.000695	-.000282	.0426543	.0686331
Stddev	.000013	.000091	.01425	.000222	.000053	.0001479	.0006817
%RSD	9.711102	46.69983	.1180063	31.90248	18.95397	.3468151	.9932578
#1	-.000117	-.000278	12.07384	-.000488	-.000222	.0424877	.0693657
#2	-.000140	-.000209	12.08602	-.000668	-.000298	.0427047	.0685160
#3	-.000139	-.000098	12.05762	-.000928	-.000325	.0427704	.0680175
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0246683	2.440013	.0001316	.0005188	18.10191	-.000995	.0074235
Stddev	.0004270	.013504	.0003205	.0003111	.10988	.000369	.0002631
%RSD	1.730770	.5534253	243.5848	59.96970	.6070074	37.02778	3.544624
#1	.0246740	2.432684	-.000107	.0008334	18.16096	-.001417	.0071216
#2	.0242386	2.455596	.000496	.0002113	17.97513	-.000834	.0075444
#3	.0250924	2.431758	.000006	.0005118	18.16963	-.000735	.0076044
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.144193	.0086583	.0003837	-.000909	-.000303	1.685411	1.142840
Stddev	.020371	.0000713	.0001404	.000244	.000987	.008392	.008487
%RSD	1.780410	.8234420	36.58543	26.82039	326.2087	.4979448	.7426191
#1	1.149626	.0086519	.0004780	-.000829	.000111	1.695026	1.133671
#2	1.161297	.0087327	.0004508	-.001183	.000411	1.679556	1.150420
#3	1.121656	.0085905	.0002224	-.000715	-.001429	1.681650	1.144431

Sample Name: Q1750-02 Acquired: 4/15/2025 21:25:50 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.122597	-.005306	.0534227
Stddev	.004308	.001375	.0000418
%RSD	.2029817	25.91791	.0781658

#1	2.124501	-.006467	.0533822
#2	2.117665	-.003787	.0534656
#3	2.125626	-.005664	.0534205

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2795.550	68796.37	13719.97	1888.273	4226.816
Stddev	4.884	87.57	66.60	2.977	3.224
%RSD	.1746891	.1272901	.4853921	.1576391	.0762780

#1	2801.174	68726.07	13764.67	1886.591	4224.672
#2	2792.375	68768.57	13643.43	1886.519	4225.253
#3	2793.102	68894.47	13751.82	1891.710	4230.524

Sample Name: Q1750-03 Acquired: 4/15/2025 21:30:09 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004249	-.003339	.0011208	.0067674	-.002133	.0314897	.0203306
Stddev	.0024911	.001214	.0011256	.0014328	.002339	.0019737	.0002773
%RSD	586.2937	36.36507	100.4293	21.17192	109.6887	6.267717	1.363771
#1	.0021113	-.001938	.0013133	.0079016	-.002544	.0337472	.0205361
#2	-.002436	-.003989	-.000089	.0051572	.000385	.0300909	.0204405
#3	.001600	-.004090	.002138	.0072435	-.004239	.0306308	.0200153
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000135	-.000147	12.09350	.0002411	-.000294	.1839628	.0710030
Stddev	.000042	.000108	.06030	.0001553	.000055	.0008542	.0013255
%RSD	31.20201	73.53125	.4986164	64.42334	18.67973	.4643295	1.866809
#1	-.000088	-.000268	12.16299	.0000700	-.000340	.1834498	.0724928
#2	-.000170	-.000112	12.05489	.0003731	-.000308	.1834897	.0699545
#3	-.000145	-.000060	12.06263	.0002802	-.000233	.1849488	.0705617
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3977517	2.516883	.0009765	.0004707	17.57407	-.000438	.1354850
Stddev	.0007311	.020037	.0003829	.0001099	.11770	.000860	.0011041
%RSD	.1838110	.7961039	39.21338	23.34444	.6697313	196.5157	.8149549
#1	.3973658	2.529456	.0011947	.0005974	17.59133	-.000983	.1367086
#2	.3985949	2.493776	.0005344	.0004022	17.68218	-.000884	.1351836
#3	.3972944	2.527416	.0012005	.0004124	17.44869	.000554	.1345629
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.127402	.0090315	.0004936	-.001432	.0003136	1.685906	1.119159
Stddev	.009766	.0003518	.0002248	.000969	.0002474	.004916	.004014
%RSD	.8662310	3.895353	45.54756	67.63408	78.87829	.2915883	.3586686
#1	1.132471	.0087321	.0006517	-.001094	.0005937	1.680366	1.119958
#2	1.133592	.0094190	.0002362	-.000678	.0001254	1.689747	1.114806
#3	1.116144	.0089433	.0005931	-.002524	.0002216	1.687605	1.122714

Sample Name: Q1750-03 Acquired: 4/15/2025 21:30:09 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.172226	-.005500	.0536812
Stddev	.004767	.000540	.0000904
%RSD	.2194697	9.817533	.1683644
#1	2.167306	-.006015	.0537303
#2	2.172547	-.005547	.0537364
#3	2.176824	-.004938	.0535769

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2792.986	67887.73	13440.86	1857.717	4237.235
Stddev	12.621	233.12	68.24	13.550	19.673
%RSD	.4518899	.3433951	.5076797	.7294165	.4642968
#1	2801.196	67673.58	13364.64	1849.913	4244.148
#2	2799.309	67853.55	13496.24	1849.875	4252.518
#3	2778.453	68136.06	13461.71	1873.364	4215.038

Sample Name: Q1750-04 Acquired: 4/15/2025 21:34:25 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002408	-.004289	.0014156	.0027600	-.000833	.0371854	.0206749
Stddev	.002675	.000926	.0007180	.0015123	.001345	.0066875	.0012132
%RSD	111.0832	21.59520	50.71900	54.79373	161.4446	17.98408	5.867878
#1	.000679	-.003625	.0021003	.0043054	-.000381	.0432453	.0192746
#2	-.003876	-.003894	.0006685	.0012832	-.002346	.0300106	.0213438
#3	-.004027	-.005347	.0014780	.0026912	.000228	.0383003	.0214065
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000105	-.000134	12.22193	-.000159	-.000276	.0556745	.0830921
Stddev	.000020	.000049	.01653	.000300	.000139	.0000600	.0014131
%RSD	18.99754	36.63038	.1352310	188.5520	50.26512	.1077232	1.700658
#1	-.000125	-.000179	12.24092	-.000392	-.000310	.0556159	.0819807
#2	-.000085	-.000142	12.21079	.000180	-.000124	.0557358	.0826131
#3	-.000106	-.000082	12.21408	-.000266	-.000395	.0556719	.0846824
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0584645	2.511591	.0012515	.0000448	17.35249	-.000788	.0164454
Stddev	.0002340	.012881	.0001994	.0002432	.11139	.002064	.0004401
%RSD	.4002294	.5128687	15.93225	542.4101	.6419162	261.9876	2.676216
#1	.0584007	2.519879	.0011579	.0003029	17.48086	.001561	.0159942
#2	.0587237	2.518142	.0011162	.0000117	17.29523	-.002312	.0168735
#3	.0582690	2.496751	.0014805	-.000180	17.28137	-.001613	.0164684
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.258755	.0083687	.0003168	-.000105	.0001794	1.694334	1.177083
Stddev	.018983	.0007112	.0001004	.000498	.0001807	.008587	.003186
%RSD	1.508070	8.498194	31.67732	476.1713	100.7303	.5068286	.2706666
#1	1.279941	.0075887	.0004312	-.000012	.0001028	1.703401	1.173683
#2	1.253032	.0085364	.0002756	.000341	.0003858	1.686324	1.179999
#3	1.243292	.0089811	.0002436	-.000642	.0000496	1.693277	1.177566

Sample Name: Q1750-04 Acquired: 4/15/2025 21:34:25 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.718922	-.004621	.0531259
Stddev	.007071	.001593	.0003397
%RSD	.2600746	34.47326	.6394673
#1	2.718486	-.004225	.0533152
#2	2.712078	-.006374	.0533289
#3	2.726201	-.003262	.0527337

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2773.531	67946.62	13332.67	1837.259	4169.175
Stddev	2.383	92.27	42.63	.139	2.004
%RSD	.0859281	.1357967	.3197156	.0075787	.0480778
#1	2770.811	67857.92	13331.07	1837.101	4168.465
#2	2775.254	67939.87	13290.87	1837.364	4167.621
#3	2774.527	68042.08	13376.08	1837.311	4171.437

Sample Name: Q1750-05 Acquired: 4/15/2025 21:38:43 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001542	-.002145	.0017047	.0021082	-.001805	.3624960	.0220461
Stddev	.002482	.001450	.0017093	.0023500	.001710	.0018989	.0005170
%RSD	160.9671	67.62559	100.2717	111.4686	94.69991	.5238254	2.344961

#1	-.000771	-.003357	.0017175	-.000595	-.000070	.3613504	.0220586
#2	.000463	-.002540	-.000011	.003665	-.003488	.3614498	.0225567
#3	-.004318	-.000538	.003408	.003255	-.001859	.3646879	.0215230

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000113	-.000163	11.93631	-.000613	-.000336	.1576449	.1902954
Stddev	.000011	.000005	.02531	.000305	.000045	.0003844	.0037974
%RSD	9.455793	2.954326	.2120233	49.68459	13.31150	.2438316	1.995524

#1	-.000104	-.000166	11.91344	-.000273	-.000329	.1573132	.1920709
#2	-.000111	-.000157	11.93200	-.000706	-.000383	.1580662	.1928798
#3	-.000125	-.000165	11.96350	-.000860	-.000295	.1575554	.1859355

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0292376	2.452787	.0005927	.0004631	17.22437	-.002006	.1016167
Stddev	.0004268	.017893	.0003021	.0000492	.08427	.002154	.0008204
%RSD	1.459886	.7294932	50.97339	10.62445	.4892336	107.3998	.8073576

#1	.0289971	2.433639	.0002443	.0004704	17.28263	-.000310	.1012635
#2	.0297304	2.469082	.0007516	.0005082	17.26274	-.004430	.1025546
#3	.0289853	2.455641	.0007822	.0004106	17.12775	-.001278	.1010321

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.144112	.0073503	.0002647	-.000972	-.000165	1.741949	1.164050
Stddev	.017052	.0003733	.0002502	.000469	.000193	.008400	.001007
%RSD	1.490447	5.078686	94.51095	48.28169	116.5598	.4822287	.0865316

#1	1.130687	.0075874	.0003433	-.000457	-.000128	1.751615	1.163577
#2	1.163299	.0069200	.0004661	-.001375	.000006	1.737821	1.163366
#3	1.138349	.0075435	-.000015	-.001085	-.000374	1.736412	1.165206

Sample Name: Q1750-05 Acquired: 4/15/2025 21:38:43 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.144127	-.004841	.0528197
Stddev	.005998	.000659	.0002000
%RSD	.2797279	13.60274	.3786975
#1	2.137250	-.004714	.0525975
#2	2.148275	-.005554	.0528759
#3	2.146855	-.004255	.0529855

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2782.490	67226.63	13726.94	1821.391	4188.992
Stddev	3.438	173.91	13.29	8.223	6.086
%RSD	.1235523	.2586965	.0968329	.4514886	.1452831
#1	2785.088	67104.80	13740.72	1823.551	4193.727
#2	2778.592	67149.28	13725.93	1812.303	4182.128
#3	2783.791	67425.79	13714.19	1828.318	4191.122

Sample Name: CCV07 Acquired: 4/15/2025 21:43:01 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.964276	4.851465	4.947397	5.000199	4.937957	9.652293	9.521501
Stddev	.007651	.013650	.019838	.015404	.008336	.009139	.165331
%RSD	.1541293	.2813495	.4009852	.3080685	.1688229	.0946824	1.736399
#1	4.968031	4.859542	4.947748	5.015998	4.947485	9.662077	9.510209
#2	4.955472	4.835706	4.927386	4.985223	4.932008	9.643976	9.362106
#3	4.969324	4.859148	4.967058	4.999378	4.934377	9.650828	9.692189
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2458170	2.460854	23.83725	.9910857	2.451316	1.220868	4.844356
Stddev	.0015075	.005751	.03024	.0040692	.005766	.003522	.042096
%RSD	.6132650	.2337027	.1268663	.4105779	.2352312	.2884605	.8689682
#1	.2440897	2.460774	23.80552	.9957526	2.451895	1.223624	4.892802
#2	.2464938	2.455143	23.86574	.9892246	2.445282	1.216900	4.823576
#3	.2468675	2.466645	23.84050	.9882799	2.456770	1.222079	4.816691
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.371642	24.21619	2.476385	1.226662	23.88641	2.409662	2.459526
Stddev	.004663	.08695	.005037	.004556	.24733	.002915	.019791
%RSD	.1965996	.3590585	.2033860	.3713995	1.035463	.1209651	.8046687
#1	2.366780	24.13312	2.473804	1.231901	24.16299	2.410260	2.479773
#2	2.372070	24.30656	2.473163	1.224452	23.68645	2.406495	2.458580
#3	2.376076	24.20889	2.482189	1.223633	23.80978	2.412232	2.440225
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.19506	4.858586	4.928979	4.943195	4.685677	5.047258	4.893468
Stddev	.21888	.038104	.009282	.003931	.011008	.043023	.029052
%RSD	.9046587	.7842692	.1883129	.0795244	.2349375	.8524077	.5936973
#1	24.44609	4.814598	4.936174	4.945329	4.694131	5.096325	4.897231
#2	24.04405	4.881455	4.918502	4.938658	4.673229	5.029454	4.862718
#3	24.09505	4.879704	4.932262	4.945597	4.689672	5.015994	4.920456

Sample Name: CCV07 Acquired: 4/15/2025 21:43:01 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV07 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.834123	4.729715	4.828079
Stddev	.003420	.014723	.029454
%RSD	.0707385	.3112829	.6100606
#1	4.832283	4.740690	4.808266
#2	4.838069	4.712984	4.861926
#3	4.832018	4.735470	4.814045

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2719.536	64644.75	12935.71	1785.448	3782.512
Stddev	6.432	390.19	43.17	26.337	6.640
%RSD	.2365102	.6035949	.3337167	1.475106	.1755453
#1	2712.945	64207.41	12983.81	1761.479	3779.505
#2	2725.796	64769.60	12900.34	1781.223	3790.123
#3	2719.866	64957.23	12922.98	1813.643	3777.906

Sample Name: CCB07 Acquired: 4/15/2025 21:47:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016392	.0018780	-.000385	.0025760	.0004035	.0020579	-.001882
Stddev	.0029099	.0015938	.000395	.0029319	.0008096	.0007869	.000978
%RSD	177.5205	84.86511	102.7488	113.8192	200.6338	38.23623	51.94899

#1	.0049222	.0000954	-.000738	.0016533	-.000206	.0027022	-.001015
#2	.0006177	.0031652	.000042	.0058582	.001322	.0011809	-.001689
#3	-.000622	.0023735	-.000458	.0002163	.000095	.0022907	-.002941

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000029	-.000034	.0024148	-.000145	.0000062	-.000371	-.007550
Stddev	.0000092	.000045	.0058795	.000381	.0003146	.000425	.003008
%RSD	315.5490	130.8717	243.4779	262.9039	5060.953	114.5807	39.83758

#1	.0000063	-.000057	-.004221	-.000547	-.000148	-.000406	-.009365
#2	.0000099	-.000063	.004490	.000209	-.000201	.000071	-.009207
#3	-.000007	.000017	.006976	-.000097	.000368	-.000777	-.004078

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001330	-.002877	-.000034	.0005504	.1083604	-.000726	-.000413
Stddev	.000130	.009283	.000173	.0003633	.0071808	.001244	.000368
%RSD	9.800823	322.7013	504.6215	66.00087	6.626781	171.5282	89.10144

#1	-.001194	-.013569	-.000032	.0007375	.1150772	-.001789	-.000486
#2	-.001343	.003127	-.000209	.0001317	.1007916	.000643	-.000738
#3	-.001454	.001812	.000137	.0007820	.1092124	-.001030	-.000014

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1024572	.0094226	.0004655	-.000449	-.000188	-.012219	-.003083
Stddev	.0136209	.0006425	.0002355	.000873	.000423	.006417	.001513
%RSD	13.29427	6.819027	50.58649	194.6876	224.7205	52.51981	49.08758

#1	.1181125	.0087036	.0005749	.000028	-.000132	-.005035	-.002831
#2	.0933207	.0096236	.0006265	-.001457	-.000636	-.017384	-.004707
#3	.0959385	.0099406	.0001952	.000083	.000204	-.014238	-.001712

Sample Name: CCB07 Acquired: 4/15/2025 21:47:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB07 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0030057	.0007695	-.000042
Stddev	.0027573	.0002004	.000010
%RSD	91.73457	26.03774	23.79447
#1	.0025745	.0009182	-.000047
#2	.0059532	.0008487	-.000049
#3	.0004895	.0005417	-.000031

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2863.815	69090.64	13565.60	1920.315	4352.885
Stddev	4.656	249.99	63.06	9.238	7.022
%RSD	.1625753	.3618307	.4648200	.4810860	.1613139
#1	2869.175	69376.68	13533.12	1917.954	4358.778
#2	2861.495	68913.99	13525.40	1912.487	4345.116
#3	2860.775	68981.24	13638.27	1930.505	4354.762

Sample Name: Q1750-06 Acquired: 4/15/2025 21:51:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002445	-.002772	-.000168	.0022587	.0004613	.0396981	.0197928
Stddev	.0015469	.000884	.002495	.0028155	.0016055	.0033227	.0006900
%RSD	632.6230	31.88517	1481.382	124.6541	348.0861	8.369878	3.485887
#1	-.001474	-.002889	.002712	.0038095	.0016542	.0396308	.0205895
#2	.000683	-.001835	-.001601	-.000991	.0010938	.0364095	.0193975
#3	.001525	-.003591	-.001616	.003958	-.001364	.0430539	.0193914
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000081	-.000252	11.73560	.0033217	-.000343	.0584517	.0746134
Stddev	.000012	.000102	.01493	.0000937	.000177	.0000668	.0053995
%RSD	14.84448	40.23949	.1272547	2.819507	51.50705	.1142679	7.236592
#1	-.000091	-.000349	11.75222	.0033368	-.000335	.0584050	.0748889
#2	-.000086	-.000261	11.72331	.0032214	-.000524	.0585282	.0690815
#3	-.000068	-.000147	11.73126	.0034068	-.000171	.0584220	.0798699
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0223032	2.417816	.0036437	.0002933	16.93092	-.001000	.0049051
Stddev	.0001911	.016572	.0001442	.0001431	.07716	.001386	.0002187
%RSD	.8570255	.6854188	3.956682	48.77354	.4557589	138.6587	4.458733
#1	.0223994	2.412490	.0034860	.0001340	16.85166	-.002561	.0048249
#2	.0220831	2.436396	.0036762	.0003351	16.93531	.000089	.0047379
#3	.0224272	2.404561	.0037688	.0004108	17.00580	-.000528	.0051526
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.098679	.0116996	.0005520	-.001702	-.000324	1.642174	1.121100
Stddev	.027109	.0008191	.0002223	.000360	.000310	.011816	.002316
%RSD	2.467383	7.000801	40.27959	21.12955	95.83460	.7195570	.2065692
#1	1.073403	.0118986	.0003381	-.001400	-.000248	1.628740	1.123491
#2	1.095326	.0124008	.0007819	-.002100	-.000665	1.650957	1.118868
#3	1.127308	.0107993	.0005358	-.001605	-.000058	1.646826	1.120941

Sample Name: Q1750-06 Acquired: 4/15/2025 21:51:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.064638	-.005624	.0513795
Stddev	.010416	.000399	.0000952
%RSD	.5045094	7.093396	.1853456
#1	2.052666	-.005669	.0514830
#2	2.069623	-.005205	.0513599
#3	2.071625	-.006000	.0512956

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2806.363	67860.81	13504.54	1882.104	4233.937
Stddev	6.637	219.91	30.54	13.466	7.703
%RSD	.2364974	.3240540	.2261640	.7154598	.1819320
#1	2805.136	68065.90	13471.47	1897.526	4232.747
#2	2813.528	67628.60	13510.47	1872.677	4242.166
#3	2800.425	67887.93	13531.69	1876.110	4226.898

Sample Name: Q1750-07 Acquired: 4/15/2025 21:55:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000820	-.004012	.0017686	.0052600	-.000474	.0598616	.0198904
Stddev	.003030	.001858	.0013519	.0028462	.002064	.0032112	.0004972
%RSD	369.5679	46.31615	76.43663	54.11053	435.4328	5.364315	2.499864
#1	-.001798	-.003059	.0002894	.0079455	-.000818	.0572415	.0196158
#2	.002578	-.002824	.0029402	.0022766	-.002344	.0634439	.0204644
#3	-.003239	-.006154	.0020763	.0055578	.001741	.0588995	.0195910
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000114	-.000123	11.90233	-.000144	-.000464	.1210266	.0727184
Stddev	.000016	.000106	.05481	.000198	.000036	.0004590	.0009355
%RSD	13.82023	86.29571	.4605050	137.7000	7.781376	.3792576	1.286401
#1	-.000102	-.000125	11.85129	-.000346	-.000427	.1204968	.0726870
#2	-.000131	-.000227	11.89545	-.000137	-.000499	.1213024	.0717991
#3	-.000107	-.000016	11.96026	.000051	-.000466	.1212808	.0736692
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0233571	2.420472	.0033287	.0003587	17.22209	-.001435	.1090559
Stddev	.0002565	.017214	.0001715	.0001943	.25010	.000409	.0003735
%RSD	1.098365	.7111669	5.151715	54.18331	1.452232	28.50228	.3425029
#1	.0231214	2.401907	.0032079	.0001543	17.50175	-.001735	.1094870
#2	.0233194	2.423605	.0032532	.0003805	17.01984	-.000969	.1088528
#3	.0236303	2.435903	.0035250	.0005412	17.14469	-.001600	.1088280
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.132910	.0103933	.0004933	-.001440	-.000462	1.704063	1.135599
Stddev	.015193	.0000785	.0001542	.000523	.000424	.011413	.000410
%RSD	1.341089	.7556063	31.26271	36.34682	91.72785	.6697520	.0360984
#1	1.139718	.0104840	.0003976	-.001111	-.000294	1.714429	1.136026
#2	1.115503	.0103489	.0006712	-.002043	-.000944	1.691833	1.135209
#3	1.143509	.0103471	.0004111	-.001165	-.000148	1.705927	1.135562

Sample Name: Q1750-07 Acquired: 4/15/2025 21:55:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.109590	-.005784	.0525554
Stddev	.009381	.000463	.0003011
%RSD	.4447042	7.998418	.5728896
#1	2.103928	-.006227	.0526734
#2	2.104424	-.005819	.0522132
#3	2.120419	-.005304	.0527797

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2780.167	67579.01	13768.87	1839.567	4184.744
Stddev	3.616	212.39	111.71	6.718	5.489
%RSD	.1300751	.3142819	.8113144	.3651697	.1311561
#1	2784.130	67352.81	13897.22	1831.922	4189.465
#2	2777.045	67774.17	13715.80	1842.254	4186.046
#3	2779.327	67610.05	13693.59	1844.526	4178.722

Sample Name: Q1750-08 Acquired: 4/15/2025 22:00:09 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000438	-.004098	-.001537	.0041810	-.002550	.0382801	.0194626
Stddev	.000603	.001561	.000944	.0029113	.001386	.0029191	.0009677
%RSD	137.8129	38.08266	61.42806	69.63255	54.34096	7.625701	4.971880
#1	-.001055	-.002306	-.002106	.0059542	-.001880	.0415885	.0205145
#2	-.000407	-.004831	-.000447	.0057678	-.004143	.0371845	.0186105
#3	.000150	-.005157	-.002059	.0008210	-.001626	.0360673	.0192627
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000104	-.000129	11.80867	-.000529	-.000255	.0674709	.0932372
Stddev	.000053	.000062	.02912	.000253	.000111	.0003931	.0007311
%RSD	50.71105	48.19277	.2465759	47.87551	43.73288	.5826367	.7841309
#1	-.000043	-.000096	11.83185	-.000525	-.000383	.0675998	.0923933
#2	-.000133	-.000201	11.77599	-.000277	-.000201	.0677833	.0936427
#3	-.000136	-.000091	11.81817	-.000783	-.000181	.0670295	.0936758
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0216533	2.432646	.0000645	.0003377	16.54269	-.001704	.0075395
Stddev	.0001145	.022227	.0003634	.0001415	.11807	.000350	.0002615
%RSD	.5286383	.9137021	563.6175	41.89132	.7137288	20.52629	3.469048
#1	.0215300	2.433734	-.000311	.0004881	16.67852	-.001965	.0073329
#2	.0217562	2.454309	.000415	.0002074	16.46466	-.001307	.0074521
#3	.0216738	2.409895	.000089	.0003175	16.48488	-.001841	.0078336
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.094376	.0097110	.0002019	-.000487	.0000370	1.666547	1.135276
Stddev	.034516	.0001183	.0001040	.000512	.0003322	.006758	.003040
%RSD	3.153940	1.217802	51.50001	105.1362	897.9839	.4055023	.2677557
#1	1.106567	.0095861	.0001266	-.000994	-.000193	1.674333	1.132479
#2	1.055418	.0097258	.0003205	.000030	.000418	1.662204	1.138511
#3	1.121142	.0098212	.0001585	-.000496	-.000114	1.663105	1.134837

Sample Name: Q1750-08 Acquired: 4/15/2025 22:00:09 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.091472	-.005037	.0508793
Stddev	.008098	.000774	.0001567
%RSD	.3872121	15.35927	.3080287
#1	2.087512	-.004174	.0509678
#2	2.086115	-.005667	.0506984
#3	2.100788	-.005270	.0509718

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2790.822	66921.89	13298.84	1810.179	4193.361
Stddev	7.750	290.05	21.68	12.909	3.356
%RSD	.2776871	.4334225	.1629899	.7131124	.0800225
#1	2788.267	66600.60	13304.02	1797.870	4192.358
#2	2784.673	67164.44	13317.45	1823.614	4190.622
#3	2799.527	67000.64	13275.04	1809.053	4197.104

Sample Name: Q1750-08DUP Acquired: 4/15/2025 22:04:28 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001064	-.003893	-.000151	.0010853	-.001087	.0405466	.0211999
Stddev	.001346	.000293	.000985	.0034418	.000706	.0019503	.0008315
%RSD	126.4616	7.521668	651.7052	317.1208	64.94505	4.810084	3.922054
#1	-.000780	-.003794	-.001022	.0035340	-.000280	.0400266	.0220125
#2	.000117	-.003662	.000918	.0025719	-.001592	.0427042	.0212365
#3	-.002530	-.004222	-.000349	-.002850	-.001390	.0389090	.0203508
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000081	-.000141	12.38534	.0003728	-.000367	.0706895	.0703791
Stddev	.000026	.000073	.01379	.0002741	.000100	.0009055	.0056356
%RSD	31.83936	51.58588	.1113143	73.52624	27.09633	1.280883	8.007509
#1	-.000103	-.000063	12.38645	.0004669	-.000473	.0715329	.0696952
#2	-.000088	-.000207	12.37103	.0000640	-.000353	.0697327	.0763254
#3	-.000053	-.000152	12.39854	.0005874	-.000276	.0708029	.0651166
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1633568	2.523929	.0005135	.0006075	17.97783	-.000723	.0072117
Stddev	.0005737	.007025	.0002459	.0004293	.13702	.000462	.0007364
%RSD	.3511725	.2783326	47.89597	70.66665	.7621763	63.93467	10.21105
#1	.1631611	2.518838	.0005602	.0001830	18.13597	-.000364	.0080202
#2	.1640027	2.531944	.0002476	.0005981	17.89431	-.001245	.0070354
#3	.1629066	2.521006	.0007328	.0010413	17.90321	-.000561	.0065795
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.190230	.0092700	.0004814	-.001180	-.000528	1.782078	1.183832
Stddev	.025229	.0004396	.0000348	.000257	.000484	.002715	.007808
%RSD	2.119659	4.741702	7.222849	21.82147	91.64677	.1523372	.6595677
#1	1.174846	.0090259	.0004514	-.001475	-.001082	1.783310	1.179418
#2	1.219346	.0090066	.0004731	-.001002	-.000323	1.783958	1.179231
#3	1.176498	.0097774	.0005195	-.001062	-.000181	1.778965	1.192848

Sample Name: Q1750-08DUP Acquired: 4/15/2025 22:04:28 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.240870	-.004635	.0537191
Stddev	.012449	.000397	.0001194
%RSD	.5555595	8.574908	.2221847
#1	2.241821	-.005088	.0537243
#2	2.227972	-.004344	.0538357
#3	2.252816	-.004473	.0535972

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2790.766	66861.00	13675.89	1811.939	4197.917
Stddev	3.365	148.67	39.38	8.042	9.479
%RSD	.1205777	.2223625	.2879243	.4438128	.2257942
#1	2793.272	66690.02	13717.80	1814.614	4190.766
#2	2792.086	66933.14	13670.20	1818.302	4208.668
#3	2786.942	66959.84	13639.67	1802.901	4194.316

Sample Name: Q1750-08LX5 Acquired: 4/15/2025 22:08:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016476	-.000258	.0013206	.0009230	.0001786	.0137078	.0037353
Stddev	.0003964	.002188	.0017002	.0020463	.0030890	.0052912	.0008671
%RSD	24.06063	846.5656	128.7481	221.7021	1729.857	38.59961	23.21351
#1	.0020520	.000888	-.000642	-.000978	-.002869	.0080577	.0042184
#2	.0012597	.001118	.002267	.000658	.003307	.0145195	.0042532
#3	.0016311	-.002781	.002336	.003089	.000097	.0185462	.0027343
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000015	-.000101	2.450814	-.000424	.0000142	.0135202	.0148859
Stddev	.000001	.000099	.009984	.000066	.0001081	.0000433	.0019757
%RSD	7.060777	98.12431	.4073812	15.66071	759.7410	.3202435	13.27232
#1	-.000014	-.000108	2.439831	-.000347	.0001233	.0135250	.0131875
#2	-.000015	-.000196	2.459342	-.000468	.0000123	.0135609	.0144160
#3	-.000016	.000001	2.453267	-.000455	-.000093	.0134747	.0170542
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037457	.4927707	.0000246	.0003779	3.282485	-.002286	.0012869
Stddev	.0003375	.0050369	.0001442	.0001130	.034097	.001052	.0001925
%RSD	9.011061	1.022152	586.9673	29.91299	1.038742	46.01309	14.95973
#1	.0033572	.4919406	-.000142	.0004624	3.244029	-.001471	.0010711
#2	.0039659	.4981711	.000105	.0004217	3.294403	-.001915	.0013486
#3	.0039142	.4882005	.000111	.0002495	3.309022	-.003474	.0014410
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2692052	.0031658	.0002589	-.001456	-.000385	.3275846	.2347047
Stddev	.0256255	.0005069	.0001779	.000529	.000544	.0025636	.0028657
%RSD	9.518953	16.01050	68.70967	36.32389	141.3920	.7825898	1.220971
#1	.2418060	.0027384	.0004643	-.002040	.000169	.3272025	.2329765
#2	.2732283	.0037258	.0001531	-.001322	-.000405	.3252335	.2331251
#3	.2925812	.0030334	.0001593	-.001007	-.000919	.3303179	.2380126

Sample Name: Q1750-08LX5 Acquired: 4/15/2025 22:08:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4527616	-.000802	.0103614
Stddev	.0032930	.001129	.0001031
%RSD	.7273100	140.8192	.9951719
#1	.4492303	-.002088	.0102507
#2	.4557485	.000026	.0104548
#3	.4533059	-.000343	.0103786

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2824.905	67547.96	13191.45	1870.523	4236.829
Stddev	9.204	123.93	72.75	2.874	10.192
%RSD	.3258197	.1834688	.5515256	.1536261	.2405672
#1	2822.492	67691.03	13118.06	1869.300	4237.768
#2	2835.076	67479.04	13192.73	1868.463	4246.519
#3	2817.149	67473.82	13263.55	1873.805	4226.199

Sample Name: Q1750-08MS Acquired: 4/15/2025 22:13:06 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6575482	1.588907	.7874974	1.558365	.6451568	1.663337	.1799693
Stddev	.0073098	.011743	.0018187	.004488	.0026693	.006305	.0007460
%RSD	1.111673	.7390557	.2309404	.2880212	.4137379	.3790739	.4144925
#1	.6658565	1.585188	.7892976	1.563543	.6428762	1.668489	.1801687
#2	.6546835	1.602058	.7875336	1.555572	.6445015	1.656306	.1791438
#3	.6521046	1.579473	.7856609	1.555981	.6480927	1.665218	.1805952
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1627319	.1590727	13.48971	.3380244	.1572954	.3152924	2.488759
Stddev	.0003530	.0002381	.03479	.0010602	.0007993	.0007295	.010795
%RSD	.2169374	.1496854	.2579313	.3136506	.5081747	.2313638	.4337516
#1	.1631305	.1591269	13.52281	.3390782	.1580556	.3159024	2.490555
#2	.1624587	.1588121	13.45344	.3380370	.1564620	.3154903	2.477178
#3	.1626064	.1592790	13.49287	.3369579	.1573686	.3144843	2.498543
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2080150	4.193605	.3960539	.0599137	20.17319	.2431118	.1730362
Stddev	.0011407	.004718	.0010543	.0006884	.07608	.0017968	.0005535
%RSD	.5483566	.1125124	.2661995	1.148946	.3771506	.7390680	.3198760
#1	.2080689	4.192947	.3970120	.0596073	20.13889	.2447187	.1724216
#2	.2068484	4.198618	.3949244	.0607021	20.12029	.2411718	.1734955
#3	.2091278	4.189250	.3962254	.0594317	20.26038	.2434448	.1731915
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.039034	.2303693	.3460980	.5433156	.1574837	2.287498	5.705563
Stddev	.028306	.0011573	.0002327	.0014161	.0011172	.011797	.009418
%RSD	.3131513	.5023511	.0672451	.2606505	.7094112	.5157284	.1650597
#1	9.066586	.2309143	.3463015	.5429371	.1584634	2.285479	5.714400
#2	9.010030	.2311535	.3461482	.5421271	.1577207	2.300175	5.695656
#3	9.040486	.2290402	.3458443	.5448825	.1562670	2.276841	5.706633

Sample Name: Q1750-08MS Acquired: 4/15/2025 22:13:06 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.259872	.1653281	.2206687
Stddev	.007314	.0007035	.0007544
%RSD	.3236354	.4255089	.3418894
#1	2.266910	.1645450	.2211076
#2	2.252310	.1655326	.2197976
#3	2.260395	.1659067	.2211010

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2790.112	67140.07	12925.30	1861.200	4148.478
Stddev	5.911	253.82	69.92	8.690	16.846
%RSD	.2118428	.3780525	.5409477	.4668823	.4060754
#1	2783.849	66893.59	12846.83	1851.426	4129.766
#2	2795.592	67400.65	12980.97	1868.051	4162.438
#3	2790.895	67125.96	12948.11	1864.122	4153.228

Sample Name: Q1750-08MSD Acquired: 4/15/2025 22:17:11 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6257156	1.526054	.7470970	1.482153	.6667252	1.569819	.1723643
Stddev	.0028514	.004134	.0018523	.004771	.0012640	.005507	.0006982
%RSD	.4557061	.2709000	.2479344	.3219069	.1895847	.3508151	.4050756
#1	.6231125	1.526775	.7476936	1.482766	.6680205	1.575908	.1727937
#2	.6252710	1.521607	.7450199	1.477105	.6666602	1.568364	.1715587
#3	.6287632	1.529781	.7485775	1.486588	.6654950	1.565185	.1727406
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1540488	.1513440	13.19568	.3190034	.1491892	.3029057	2.346377
Stddev	.0010909	.0001517	.00361	.0005095	.0001262	.0007060	.009952
%RSD	.7081411	.1002162	.0273566	.1596993	.0845709	.2330874	.4241365
#1	.1552999	.1512386	13.19785	.3189579	.1490799	.3037005	2.337868
#2	.1535496	.1512756	13.19769	.3185183	.1491603	.3023512	2.343942
#3	.1532967	.1515179	13.19152	.3195342	.1493273	.3026655	2.357320
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1832366	4.090261	.3754011	.0568795	19.59627	.2310095	.1622076
Stddev	.0003640	.033079	.0009043	.0003239	.10569	.0002820	.0009802
%RSD	.1986305	.8087258	.2408828	.5695198	.5393366	.1220638	.6042609
#1	.1836370	4.128456	.3750521	.0569186	19.49724	.2313043	.1631505
#2	.1831470	4.070868	.3747233	.0565378	19.58403	.2307424	.1622783
#3	.1829258	4.071459	.3764279	.0571822	19.70755	.2309817	.1611940
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.527853	.2193513	.3581165	.5599710	.1616565	2.235488	5.493705
Stddev	.052576	.0003196	.0004786	.0020013	.0005646	.019026	.016428
%RSD	.6165182	.1457171	.1336334	.3574030	.3492644	.8511020	.2990407
#1	8.468414	.2196981	.3576454	.5600901	.1610217	2.220463	5.475897
#2	8.546873	.2192871	.3581018	.5619101	.1618450	2.229119	5.496947
#3	8.568271	.2190685	.3586022	.5579127	.1621027	2.256881	5.508271

Sample Name: Q1750-08MSD Acquired: 4/15/2025 22:17:11 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.216796	.1568107	.2118055
Stddev	.001882	.0004442	.0004019
%RSD	.0849019	.2832604	.1897309
#1	2.215558	.1564234	.2119402
#2	2.218962	.1567131	.2121227
#3	2.215868	.1572955	.2113536

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2790.063	67931.31	12928.84	1869.971	4161.447
Stddev	5.689	215.85	69.33	7.606	5.254
%RSD	.2039190	.3177462	.5362521	.4067380	.1262426
#1	2795.380	68014.27	12852.42	1872.272	4165.891
#2	2790.745	68093.38	12987.72	1876.162	4162.802
#3	2784.063	67686.29	12946.37	1861.481	4155.649

Sample Name: Q1750-08A Acquired: 4/15/2025 22:21:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6510024	1.567373	.7746620	1.539385	.6601173	1.603761	.1743956
Stddev	.0057102	.017372	.0010321	.005175	.0042269	.008961	.0009024
%RSD	.8771432	1.108382	.1332336	.3361656	.6403218	.5587433	.5174324
#1	.6444216	1.561765	.7734722	1.535697	.6569434	1.593842	.1733831
#2	.6539374	1.553497	.7753166	1.537158	.6584930	1.611271	.1746888
#3	.6546482	1.586857	.7751972	1.545301	.6649153	1.606170	.1751150
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1520086	.1568333	13.23388	.3312987	.1547258	.3113569	2.466593
Stddev	.0002148	.0003818	.02615	.0013673	.0002531	.0008030	.022535
%RSD	.1413205	.2434554	.1976103	.4127051	.1635753	.2578945	.9135990
#1	.1522073	.1571020	13.20401	.3314426	.1547279	.3106696	2.451502
#2	.1520379	.1563962	13.25266	.3298651	.1544716	.3111616	2.455781
#3	.1517806	.1570015	13.24496	.3325883	.1549778	.3122395	2.492497
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1925255	4.098902	.3899709	.0587387	20.20292	.2370415	.1680610
Stddev	.0000875	.028144	.0007529	.0003719	.17188	.0012986	.0008123
%RSD	.0454429	.6866294	.1930573	.6331913	.8507487	.5478571	.4833392
#1	.1925903	4.079658	.3892067	.0583148	20.06264	.2383741	.1673365
#2	.1924260	4.085846	.3899941	.0588912	20.15147	.2357797	.1689392
#3	.1925602	4.131204	.3907119	.0590102	20.39464	.2369709	.1679073
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.990979	.2157678	.3544924	.5552080	.1574637	2.333007	5.650051
Stddev	.036776	.0014034	.0006332	.0032398	.0014364	.007914	.027909
%RSD	.4090359	.6504298	.1786325	.5835241	.9122339	.3392000	.4939529
#1	8.954820	.2156800	.3547994	.5551591	.1582951	2.325652	5.631874
#2	8.989775	.2172131	.3537642	.5519930	.1582910	2.331990	5.636095
#3	9.028343	.2144104	.3549137	.5584720	.1558051	2.341380	5.682185

Sample Name: Q1750-08A Acquired: 4/15/2025 22:21:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.249861	.1570035	.2156917
Stddev	.008971	.0004236	.0003682
%RSD	.3987404	.2698197	.1706946
#1	2.241912	.1574278	.2152682
#2	2.248083	.1565806	.2159359
#3	2.259588	.1570021	.2158710

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2767.734	67279.47	13450.98	1828.289	4127.226
Stddev	1.535	406.19	28.18	6.928	5.338
%RSD	.0554581	.6037337	.2095091	.3789181	.1293279
#1	2769.257	67333.94	13422.67	1833.308	4123.171
#2	2767.757	67655.68	13479.03	1831.173	4133.273
#3	2766.187	66848.80	13451.23	1820.385	4125.234

Sample Name: CCV08 Acquired: 4/15/2025 22:25:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV08 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.918496	4.946827	4.944751	4.937214	4.897445	9.635487	9.444871
Stddev	.010606	.013555	.014468	.022194	.007142	.044024	.062040
%RSD	.2156395	.2740117	.2925926	.4495313	.1458384	.4568962	.6568677
#1	4.930743	4.948331	4.943523	4.939246	4.892896	9.586886	9.375264
#2	4.912263	4.959567	4.930937	4.914073	4.893762	9.672694	9.494342
#3	4.912484	4.932583	4.959795	4.958322	4.905677	9.646880	9.465007
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2476767	2.456948	23.82445	.9929579	2.442527	1.209591	4.824381
Stddev	.0012007	.000711	.04480	.0034895	.000729	.003684	.052878
%RSD	.4847821	.0289237	.1880539	.3514230	.0298628	.3046023	1.096051
#1	.2465267	2.457202	23.77942	.9929180	2.443234	1.211680	4.833368
#2	.2489223	2.457496	23.86902	.9894886	2.441777	1.205337	4.767586
#3	.2475811	2.456145	23.82491	.9964672	2.442570	1.211756	4.872190
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.368623	24.26499	2.470875	1.226929	23.54797	2.410571	2.455038
Stddev	.009467	.09342	.001803	.001508	.12445	.008660	.004775
%RSD	.3996890	.3849872	.0729685	.1229445	.5284804	.3592586	.1944998
#1	2.362535	24.15876	2.472952	1.225472	23.66592	2.407675	2.459730
#2	2.379530	24.33434	2.469711	1.228484	23.41791	2.420308	2.450184
#3	2.363804	24.30187	2.469961	1.226831	23.56010	2.403730	2.455199
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.96965	4.874525	4.930002	4.948251	4.671125	4.959708	4.924429
Stddev	.14581	.024738	.012200	.004459	.006634	.028233	.005544
%RSD	.6083114	.5075004	.2474703	.0901220	.1420150	.5692424	.1125800
#1	24.04794	4.848165	4.937118	4.947477	4.665101	4.962930	4.918242
#2	23.80141	4.897237	4.915915	4.944229	4.678235	4.930003	4.926099
#3	24.05958	4.878172	4.936975	4.953046	4.670040	4.986192	4.928946

Sample Name: CCV08 Acquired: 4/15/2025 22:25:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV08 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.798525	4.714116	4.791612
Stddev	.016344	.008204	.042488
%RSD	.3406144	.1740199	.8867079
#1	4.779681	4.705561	4.743719
#2	4.807041	4.721916	4.824771
#3	4.808853	4.714871	4.806347

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2729.284	64444.27	12841.40	1784.191	3787.758
Stddev	3.131	178.01	42.87	9.812	3.160
%RSD	.1147226	.2762254	.3338629	.5499562	.0834352
#1	2726.620	64275.35	12866.46	1775.490	3788.323
#2	2732.732	64630.16	12791.90	1782.256	3784.354
#3	2728.499	64427.29	12865.84	1794.826	3790.598

Sample Name: CCB08 Acquired: 4/15/2025 22:29:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB08 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055541	.0016661	.0000574	.0020616	-.002335	.0006584	-.000609
Stddev	.0034462	.0021299	.0012155	.0008785	.002064	.0072397	.000094
%RSD	62.04696	127.8385	2116.265	42.61235	88.42474	1099.678	15.41974
#1	.0035117	-.000543	.0006395	.0030268	-.004702	.0050701	-.000591
#2	.0095330	.001835	.0008724	.0013086	-.000911	.0046019	-.000526
#3	.0036178	.003707	-.001340	.0018494	-.001390	-.007697	-.000711
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000002	-.000011	-.003020	-.000489	-.000049	-.000965	-.005365
Stddev	.000040	.000090	.003275	.000266	.000021	.000205	.004439
%RSD	1643.304	799.9011	108.4546	54.32503	42.71188	21.27447	82.75423
#1	-.000017	.000077	-.001189	-.000280	-.000072	-.000756	-.000821
#2	.000043	-.000104	-.006802	-.000788	-.000040	-.001166	-.009692
#3	-.000033	-.000007	-.001069	-.000399	-.000033	-.000972	-.005581
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000178	-.003483	.0001041	.0007122	.0111562	-.002314	-.000382
Stddev	.000446	.007277	.0001192	.0002256	.0178505	.000931	.000327
%RSD	251.1253	208.9458	114.5144	31.67589	160.0047	40.23781	85.54565
#1	.000282	.004920	.0002021	.0009083	.0289363	-.001609	-.000006
#2	-.000207	-.007759	-.000029	.0007627	.0112963	-.001964	-.000598
#3	-.000609	-.007610	.000139	.0004657	-.006764	-.003370	-.000542
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0822145	.0098952	.0002782	-.000083	.0002867	-.010027	-.003858
Stddev	.0281104	.0007432	.0000400	.000128	.0002577	.004382	.001391
%RSD	34.19154	7.510914	14.37044	154.0388	89.89770	43.70449	36.04569
#1	.0677264	.0099092	.0003174	-.000004	.0000842	-.007048	-.002412
#2	.1146135	.0106314	.0002375	-.000231	.0005768	-.015059	-.005185
#3	.0643038	.0091451	.0002797	-.000014	.0001991	-.007974	-.003978

Sample Name: CCB08 Acquired: 4/15/2025 22:29:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v4) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB08 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008487	.0008043	-.000013
Stddev	.0037715	.0007267	.000024
%RSD	444.3854	90.35473	186.0003
#1	-.003481	.0002756	-.000010
#2	.003417	.0016329	.000010
#3	.002611	.0005043	-.000039

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2828.412	67039.34	13328.30	1850.263	4272.248
Stddev	7.260	48.89	53.92	8.743	11.436
%RSD	.2566652	.0729226	.4045152	.4725109	.2676773
#1	2833.536	67093.54	13267.12	1842.342	4282.802
#2	2831.594	67025.93	13368.86	1848.802	4273.843
#3	2820.104	66998.56	13348.94	1859.643	4260.098

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pipette ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID: 1. HOT BLOCK #1 2. N/A

Start Digest Date: 04/14/2025 Time : 10:30 Temp : 96 °C

End Digest Date: 04/14/2025 Time : 13:35 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: *[Signature]*

Supervisor Signature: *[Signature]*

Temp : 1. 96°C 2. N/A

Standardized Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6003
LFS-2	0.25	M6012
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Conc. HNO3	3.00	M6158
1:1 HCL	5.00	MP85156
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK # 1 CELL 50 Temp :96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
04/14/25 14:35	<i>[Signature]</i> SPB-met.dig	<i>[Signature]</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB167583BL	PBW583	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	1
PB167583BS	LCS583	<2	50	25	Colorless	Colorless	Clear	Clear	M6003,M6012	2
Q1782-01	MW-1	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	3
Q1782-02	MW-1	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	4
Q1782-03	MW-2	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	5
Q1782-04	MW-2	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	6
Q1782-05	MW-3	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	7
Q1782-06	MW-3	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	8
Q1782-07MS	MW-4MS	<2	50	25	Colorless	Colorless	Clear	Clear	M6003,M6012	11
Q1782-07MSD	MW-4MSD	<2	50	25	Colorless	Colorless	Clear	Clear	M6003,M6012	12
Q1782-07DUP	MW-4DUP	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	10
Q1782-07	MW-4	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	9
Q1782-08	MW-4	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	13
Q1794-04	40325-A-B-COMP	<2	50	25	Light Brown	Light Brown	Cloudy	Clear	N/A	14
Q1797-01	SEAL-POT-40125	<2	50	25	Light Brown	Yellow	Cloudy	Clear	N/A	15
Q1798-01	TOTE(COMP)-1799	<2	50	25	Brown	Light Brown	Cloudy	Clear	N/A	16
Q1799-01	FRAC-TANK-216-PPR	<2	50	25	Brown	Light Brown	Cloudy	Clear	N/A	17

WORKLIST(Hardcopy Internal Chain)

Worklist Name : PB167583

Worklist ID : 188900

Department : Digestion

Date : 04-14-2025 09:41:23

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1782-01	MW-1	Water	Metals Group4	1:1 HNO3 to pH < 2	LOCK01	K11	04/09/2025	6010D
Q1782-02	MW-1	Water	Dissolved Metals Groups5	1:1 HNO3 to pH < 2	LOCK01	K11	04/09/2025	6010D
Q1782-03	MW-2	Water	Metals Group4	1:1 HNO3 to pH < 2	LOCK01	K11	04/09/2025	6010D
Q1782-04	MW-2	Water	Dissolved Metals Groups5	1:1 HNO3 to pH < 2	LOCK01	K11	04/09/2025	6010D
Q1782-05	MW-3	Water	Metals Group4	1:1 HNO3 to pH < 2	LOCK01	K11	04/09/2025	6010D
Q1782-06	MW-3	Water	Dissolved Metals Groups5	1:1 HNO3 to pH < 2	LOCK01	K11	04/09/2025	6010D
Q1782-07	MW-4	Water	Metals Group4	1:1 HNO3 to pH < 2	LOCK01	K11	04/09/2025	6010D
Q1782-08	MW-4	Water	Dissolved Metals Groups5	1:1 HNO3 to pH < 2	LOCK01	K11	04/09/2025	6010D
Q1794-04	40325-A-B-COMP	Water	Metals ICP-TAL	1:1 HNO3 to pH < 2	PSEG03	L41	04/11/2025	6010D
Q1797-01	SEAL-POT-40125	Water	Metals ICP-TAL	1:1 HNO3 to pH < 2	PSEG03	L41	04/11/2025	6010D
Q1798-01	TOTE(COMP)-1799	Water	Metals ICP-TAL	1:1 HNO3 to pH < 2	PSEG03	L41	04/11/2025	6010D
Q1799-01	FRAC-TANK-216-PPR	Water	Metals ICP-TAL	1:1 HNO3 to pH < 2	PSEG03	L41	04/11/2025	6010D

Date/Time 04/14/25 10:10
 Raw Sample Received by: SPB.mcf.dig
 Raw Sample Relinquished by: [Signature]

Date/Time 04/14/25 11:10
 Raw Sample Received by: SPB.mcf.dig
 Raw Sample Relinquished by: [Signature]

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135445

Review By	jaswal	Review On	4/18/2025 12:05:40 PM
Supervise By	Janvi	Supervise On	4/18/2025 12:05:51 PM

STD. NAME	STD REF.#
ICAL Standard	MP85016,MP85022,MP85020,MP85019,MP85018,MP85017
ICV Standard	MP85023,MP85022
CCV Standard	MP85026
ICSA Standard	MP85024,MP85025
CRI Standard	MP85022
LCS Standard	
Chk Standard	MP85030,MP85031

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	04/15/25 15:08		Kareem	OK
2	S1	S1	CAL2	04/15/25 15:12		Kareem	OK
3	S2	S2	CAL3	04/15/25 15:16		Kareem	OK
4	S3	S3	CAL4	04/15/25 15:21		Kareem	OK
5	S4	S4	CAL5	04/15/25 15:25		Kareem	OK
6	S5	S5	CAL6	04/15/25 15:29		Kareem	OK
7	ICV01	ICV01	ICV	04/15/25 15:47		Kareem	OK
8	LLICV	LLICV	LLICV	04/15/25 15:51		Kareem	OK
9	ICB01	ICB01	ICB	04/15/25 15:55		Kareem	OK
10	CRI1	CRI1	CRDL	04/15/25 16:05		Kareem	OK
11	ICSA01	ICSA01	ICSA	04/15/25 16:09		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	04/15/25 16:13		Kareem	OK
13	ICSADL	ICSADL	ICSA	04/15/25 16:18		Kareem	OK
14	ICSABDL	ICSABDL	ICSAB	04/15/25 16:22		Kareem	OK
15	CCV01	CCV01	CCV	04/15/25 16:26		Kareem	OK
16	CCB01	CCB01	CCB	04/15/25 16:30		Kareem	OK
17	PB167584BL	PB167584BL	MB	04/15/25 16:35		Kareem	OK
18	PB167584BS	PB167584BS	LCS	04/15/25 16:39		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135445

Review By	jaswal	Review On	4/18/2025 12:05:40 PM
Supervise By	Janvi	Supervise On	4/18/2025 12:05:51 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85016,MP85022,MP85020,MP85019,MP85018,MP85017		
ICV Standard	MP85023,MP85022		
CCV Standard	MP85026		
ICSA Standard	MP85024,MP85025		
CRI Standard	MP85022		
LCS Standard			
Chk Standard	MP85030,MP85031		

19	Q1783-01	SU-03-41125	SAM	04/15/25 16:43		Kareem	OK
20	Q1784-01	OR-01-41125	SAM	04/15/25 16:47		Kareem	OK
21	Q1785-01	HR-02-041125	SAM	04/15/25 16:51		Kareem	OK
22	Q1785-01DUP	HR-02-041125DUP	DUP	04/15/25 16:55		Kareem	OK
23	Q1785-01L	HR-02-041125L	SD	04/15/25 17:00		Kareem	OK
24	Q1785-01MS	HR-02-041125MS	MS	04/15/25 17:04		Kareem	OK
25	Q1785-01MSD	HR-02-041125MSD	MSD	04/15/25 17:08		Kareem	OK
26	Q1785-01A	HR-02-041125A	PS	04/15/25 17:12		Kareem	OK
27	CCV02	CCV02	CCV	04/15/25 17:16		Kareem	OK
28	CCB02	CCB02	CCB	04/15/25 17:20		Kareem	OK
29	Q1787-09	TP-1	SAM	04/15/25 17:24		Kareem	OK
30	Q1788-01	WC-1	SAM	04/15/25 17:28		Kareem	OK
31	Q1791-07	290502	SAM	04/15/25 17:33		Kareem	OK
32	Q1792-01	TR-05-041125	SAM	04/15/25 17:37		Kareem	OK
33	PB167570BL	PB167570BL	MB	04/15/25 17:41		Kareem	OK
34	PB167570BS	PB167570BS	LCS	04/15/25 17:45		Kareem	OK
35	PB167547TB	PB167547TB	MB	04/15/25 17:49		Kareem	OK
36	Q1756-04	TP-9	SAM	04/15/25 17:54		Kareem	OK
37	Q1760-04	TP-17	SAM	04/15/25 17:58		Kareem	OK
38	Q1760-08	TP-15	SAM	04/15/25 18:03		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135445

Review By	jaswal	Review On	4/18/2025 12:05:40 PM
Supervise By	Janvi	Supervise On	4/18/2025 12:05:51 PM

STD. NAME	STD REF.#
ICAL Standard	MP85016,MP85022,MP85020,MP85019,MP85018,MP85017
ICV Standard	MP85023,MP85022
CCV Standard	MP85026
ICSA Standard	MP85024,MP85025
CRI Standard	MP85022
LCS Standard	
Chk Standard	MP85030,MP85031

39	CCV03	CCV03	CCV	04/15/25 18:07		Kareem	OK
40	CCB03	CCB03	CCB	04/15/25 18:11		Kareem	OK
41	Q1771-04	TP-6C	SAM	04/15/25 18:24		Kareem	OK
42	Q1771-08	TP-7C	SAM	04/15/25 18:28		Kareem	OK
43	Q1771-12	TP-3A	SAM	04/15/25 18:32		Kareem	OK
44	Q1779-04	TP-22	SAM	04/15/25 18:37		Kareem	OK
45	Q1779-08	TP-23	SAM	04/15/25 18:41		Kareem	OK
46	Q1781-04	WC-13	SAM	04/15/25 18:46		Kareem	OK
47	Q1781-08	WC-12	SAM	04/15/25 18:50		Kareem	OK
48	Q1781-12	WC-11	SAM	04/15/25 18:55		Kareem	OK
49	Q1781-12DUP	WC-11DUP	DUP	04/15/25 18:59		Kareem	OK
50	Q1781-12L	WC-11L	SD	04/15/25 19:04		Kareem	OK
51	CCV04	CCV04	CCV	04/15/25 19:08		Kareem	OK
52	CCB04	CCB04	CCB	04/15/25 19:12		Kareem	OK
53	Q1781-12MS	WC-11MS	MS	04/15/25 19:16		Kareem	OK
54	Q1781-12MSD	WC-11MSD	MSD	04/15/25 19:21		Kareem	OK
55	Q1781-12A	WC-11A	PS	04/15/25 19:25		Kareem	OK
56	Q1785-03	HR-03-041125	SAM	04/15/25 19:29		Kareem	OK
57	PB167583BL	PB167583BL	MB	04/15/25 19:33		Kareem	OK
58	PB167583BS	PB167583BS	LCS	04/15/25 19:38		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135445

Review By	jaswal	Review On	4/18/2025 12:05:40 PM
Supervise By	Janvi	Supervise On	4/18/2025 12:05:51 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85016,MP85022,MP85020,MP85019,MP85018,MP85017		
ICV Standard	MP85023,MP85022		
CCV Standard	MP85026		
ICSA Standard	MP85024,MP85025		
CRI Standard	MP85022		
LCS Standard			
Chk Standard	MP85030,MP85031		

59	PB167529BL	PB167529BL	MB	04/15/25 19:42		Kareem	OK
60	PB167529BS	PB167529BS	LCS	04/15/25 19:46		Kareem	OK
61	Q1782-01	MW-1	SAM	04/15/25 19:50		Kareem	OK
62	Q1782-02	MW-1	SAM	04/15/25 19:54		Kareem	OK
63	CCV05	CCV05	CCV	04/15/25 19:59		Kareem	OK
64	CCB05	CCB05	CCB	04/15/25 20:03		Kareem	OK
65	Q1782-03	MW-2	SAM	04/15/25 20:07		Kareem	OK
66	Q1782-04	MW-2	SAM	04/15/25 20:11		Kareem	OK
67	Q1782-05	MW-3	SAM	04/15/25 20:16		Kareem	OK
68	Q1782-06	MW-3	SAM	04/15/25 20:21		Kareem	OK
69	Q1782-07	MW-4	SAM	04/15/25 20:25		Kareem	OK
70	Q1782-07DUP	MW-4DUP	DUP	04/15/25 20:29		Kareem	OK
71	Q1782-07L	MW-4L	SD	04/15/25 20:34		Kareem	OK
72	Q1782-07MS	MW-4MS	MS	04/15/25 20:38		Kareem	OK
73	Q1782-07MSD	MW-4MSD	MSD	04/15/25 20:42		Kareem	OK
74	Q1782-07A	MW-4A	PS	04/15/25 20:46		Kareem	OK
75	CCV06	CCV06	CCV	04/15/25 20:51		Kareem	OK
76	CCB06	CCB06	CCB	04/15/25 20:55		Kareem	OK
77	Q1782-08	MW-4	SAM	04/15/25 20:59		Kareem	OK
78	Q1794-04	40325-A-B-COMP	SAM	04/15/25 21:04		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135445

Review By	jaswal	Review On	4/18/2025 12:05:40 PM
Supervise By	Janvi	Supervise On	4/18/2025 12:05:51 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85016,MP85022,MP85020,MP85019,MP85018,MP85017		
ICV Standard	MP85023,MP85022		
CCV Standard	MP85026		
ICSA Standard	MP85024,MP85025		
CRI Standard	MP85022		
LCS Standard			
Chk Standard	MP85030,MP85031		

79	Q1797-01	SEAL-POT-40125	SAM	04/15/25 21:08		Kareem	OK
80	Q1798-01	TOTE(COMP)-1799	SAM	04/15/25 21:12		Kareem	OK
81	Q1799-01	FRAC-TANK-216-PPF	SAM	04/15/25 21:17		Kareem	OK
82	Q1750-01	CLASSROOM-1-1ST	SAM	04/15/25 21:21		Kareem	OK
83	Q1750-02	CLASSROOM-1-2ND	SAM	04/15/25 21:25		Kareem	OK
84	Q1750-03	CLASSROOM-2-1ST	SAM	04/15/25 21:30		Kareem	OK
85	Q1750-04	CLASSROOM-2-2ND	SAM	04/15/25 21:34		Kareem	OK
86	Q1750-05	CLASSROOM-3-1ST	SAM	04/15/25 21:38		Kareem	OK
87	CCV07	CCV07	CCV	04/15/25 21:43		Kareem	OK
88	CCB07	CCB07	CCB	04/15/25 21:47		Kareem	OK
89	Q1750-06	CLASSROOM-3-2ND	SAM	04/15/25 21:51		Kareem	OK
90	Q1750-07	CLASSROOM-4-1ST	SAM	04/15/25 21:55		Kareem	OK
91	Q1750-08	CLASSROOM-4-2ND	SAM	04/15/25 22:00		Kareem	OK
92	Q1750-08DUP	CLASSROOM-4-2ND	DUP	04/15/25 22:04		Kareem	OK
93	Q1750-08L	CLASSROOM-4-2ND	SD	04/15/25 22:08		Kareem	OK
94	Q1750-08MS	CLASSROOM-4-2ND	MS	04/15/25 22:13		Kareem	OK
95	Q1750-08MSD	CLASSROOM-4-2ND	MSD	04/15/25 22:17		Kareem	OK
96	Q1750-08A	CLASSROOM-4-2ND	PS	04/15/25 22:21		Kareem	OK
97	CCV08	CCV08	CCV	04/15/25 22:25		Kareem	OK
98	CCB08	CCB08	CCB	04/15/25 22:29		Kareem	OK



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: LKB, INC.
ADDRESS: 1 AERIAL WAY
CITY SYOSSET STATE: NY ZIP: 11791
ATTENTION: JOHN GERLACH
PHONE: 516-210-8931 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: ANSONIA LANDFILL
PROJECT NO.: 0774-08 LOCATION: CT
PROJECT MANAGER: JOHN GERLACH
e-mail: jgerlach@LKBINC.COM
PHONE: SAME FAX:

CLIENT BILLING INFORMATION

BILL TO: LKB, INC. PO#: NA for Lab
ADDRESS: SAME
CITY STATE: ZIP:
ATTENTION: SHARON F PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): STD. DAYS*
EDD: _____ DAYS*

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☒ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other _____
☒ EDD FORMAT NYSDEC

1 2 3 4 5 6 7 8 9

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		A/E	E + OTHERS AS APPROPRIATE								← Specify Preservatives
									1	2	3	4	5	6	7	8	9
1.	MW-1	GW		X	4/9/25	10:15	10		X								} SAMPLE FOR DISS. Fe + Mn FILTERED IN FIELD
2.	MW-2	GW		X	4/9/25	13:10	10		X								
3.	MW-3	GW		X		11:30	10		X								
4.	MW-4	GW		X		12:10	8		X								
5.	TRIP BLANK	DI		X	↓		2	X									
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME: <u>4/10/25 8:52</u>	RECEIVED BY: <u>[Signature]</u> <u>1303</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>3.8</u> °C
1. <u>[Signature]</u>		<u>4-10-25</u>	Comments: <u>Temp 3.8°C CADjustment Factor +1.0 IIR Gun #1</u>
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	<u>PH 1.3 LOT # 80A0441.</u>
2. <u>[Signature]</u>			
RELINQUISHED BY SAMPLER:	DATE/TIME: <u>4-10-25</u>	RECEIVED BY:	
3. <u>[Signature]</u>			

Page ____ of ____

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete

☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1782	LOCK01	Order Date : 4/10/2025 1:22:00 PM	Project Mgr : Kiran
Client Name : Lockwood, Kessler & Bartl		Project Name : Ansonia Landfill 2025	Report Type : ~~NYS ASPB~~ Level 2
Client Contact : John Gerlach		Receive DateTime : 4/10/2025 5:58:00 PM	EDD Type : EXCEL NOCLEANUP
Invoice Name : Lockwood, Kessler & Bartl		Purchase Order :	Hard Copy Date :
Invoice Contact : John Gerlach			Date Signoff : 4/11/2025 10:21:31 AM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1782-01	MW-1	Water	04/09/2025	10:15					
					VOCMS Group1		8260-Low	10 Bus. Days	
Q1782-03	MW-2	Water	04/09/2025	13:10					
					VOCMS Group1		8260-Low	10 Bus. Days	
Q1782-05	MW-3	Water	04/09/2025	11:30					
					VOCMS Group1		8260-Low	10 Bus. Days	
Q1782-09	TRIP BLANK	Water	04/09/2025	12:10					
					VOCMS Group1		8260-Low	10 Bus. Days	

Relinquished By:

Date / Time : 4-11-25 10:33

Received By:

Date / Time : 4-11-25 10:33

Storage Area : VOA Refridgerator Room