284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Cover Page

Order ID : Q1858

Project ID : Henry Lea School

Client : Kleinfelder

Lab Sample Number	Client Sample Number
Q1858-01	COMP-1
Q1858-02	COMP-2
Q1858-03	COMP-3

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: 4/26/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside NJ 07092
Tel. 908-789-8900 Fax: 908-789-8922

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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q1858**

	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 Castody	✓
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: **PRADIP PRAJAPATI** **Date:** **04/26/2025**

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LAB CHRONICLE

OrderID:	Q1858	**OrderDate:**	4/22/2025 2:54:00 PM
Client:	Kleinfelder	**Project:**	Henry Lea School
Contact:	Mark Warchol	**Location:**	L41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1858-01	**COMP-1**	**SOIL**			**04/21/25**			**04/22/25**
			Mercury	7471B		04/23/25	04/24/25	
			Metals ICP-Group1	6010D		04/23/25	04/23/25	
Q1858-02	**COMP-2**	**SOIL**			**04/21/25**			**04/22/25**
			Mercury	7471B		04/23/25	04/24/25	
			Metals ICP-Group1	6010D		04/23/25	04/23/25	
Q1858-03	**COMP-3**	**SOIL**			**04/21/25**			**04/22/25**
			Mercury	7471B		04/23/25	04/24/25	
			Metals ICP-Group1	6010D		04/23/25	04/23/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1858 **Order ID:** Q1858

Client: Kleinfelder **Project ID:** Henry Lea School

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : COMP-1								
Q1858-01	COMP-1	SOIL	Aluminum	24600		0.95	5.65	mg/Kg
Q1858-01	COMP-1	SOIL	Arsenic	5.92		0.22	1.13	mg/Kg
Q1858-01	COMP-1	SOIL	Barium	146		0.83	5.65	mg/Kg
Q1858-01	COMP-1	SOIL	Beryllium	2.29		0.028	0.34	mg/Kg
Q1858-01	COMP-1	SOIL	Cadmium	3.68		0.027	0.34	mg/Kg
Q1858-01	COMP-1	SOIL	Calcium	1440		12.5	113	mg/Kg
Q1858-01	COMP-1	SOIL	Chromium	57.6		0.053	0.56	mg/Kg
Q1858-01	COMP-1	SOIL	Cobalt	34.6		0.11	1.69	mg/Kg
Q1858-01	COMP-1	SOIL	Copper	71.3		0.25	1.13	mg/Kg
Q1858-01	COMP-1	SOIL	Iron	45400		4.51	5.65	mg/Kg
Q1858-01	COMP-1	SOIL	Lead	24.7		0.15	0.68	mg/Kg
Q1858-01	COMP-1	SOIL	Manganese	401		0.16	1.13	mg/Kg
Q1858-01	COMP-1	SOIL	Mercury	0.0090	J	0.0080	0.015	mg/Kg
Q1858-01	COMP-1	SOIL	Molybdenum	7.80	J	0.92	11.3	mg/Kg
Q1858-01	COMP-1	SOIL	Nickel	35.3		0.15	2.26	mg/Kg
Q1858-01	COMP-1	SOIL	Silver	0.65		0.14	0.56	mg/Kg
Q1858-01	COMP-1	SOIL	Vanadium	124		0.28	2.26	mg/Kg
Q1858-01	COMP-1	SOIL	Zinc	92.7		0.26	2.26	mg/Kg
Client ID : COMP-2								
Q1858-02	COMP-2	SOIL	Aluminum	16800		0.95	5.64	mg/Kg
Q1858-02	COMP-2	SOIL	Arsenic	5.44		0.21	1.13	mg/Kg
Q1858-02	COMP-2	SOIL	Barium	98.8		0.82	5.64	mg/Kg
Q1858-02	COMP-2	SOIL	Beryllium	1.47		0.028	0.34	mg/Kg
Q1858-02	COMP-2	SOIL	Cadmium	1.61		0.027	0.34	mg/Kg
Q1858-02	COMP-2	SOIL	Calcium	827		12.5	113	mg/Kg
Q1858-02	COMP-2	SOIL	Chromium	39.2		0.053	0.56	mg/Kg
Q1858-02	COMP-2	SOIL	Cobalt	27.0		0.11	1.69	mg/Kg
Q1858-02	COMP-2	SOIL	Copper	43.5		0.25	1.13	mg/Kg
Q1858-02	COMP-2	SOIL	Iron	28800		4.50	5.64	mg/Kg
Q1858-02	COMP-2	SOIL	Lead	25.2		0.15	0.68	mg/Kg
Q1858-02	COMP-2	SOIL	Manganese	613		0.16	1.13	mg/Kg
Q1858-02	COMP-2	SOIL	Mercury	0.029		0.0090	0.016	mg/Kg
Q1858-02	COMP-2	SOIL	Molybdenum	16.0		0.91	11.3	mg/Kg
Q1858-02	COMP-2	SOIL	Nickel	26.2		0.15	2.26	mg/Kg
Q1858-02	COMP-2	SOIL	Silver	0.52	J	0.14	0.56	mg/Kg
Q1858-02	COMP-2	SOIL	Vanadium	70.5		0.28	2.26	mg/Kg
Q1858-02	COMP-2	SOIL	Zinc	56.7		0.26	2.26	mg/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q1858 **Order ID:** Q1858

Client: Kleinfelder **Project ID:** Henry Lea School

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : COMP-3								
Q1858-03	COMP-3	SOIL	Aluminum	18800		0.82	4.88	mg/Kg
Q1858-03	COMP-3	SOIL	Arsenic	3.06		0.19	0.98	mg/Kg
Q1858-03	COMP-3	SOIL	Barium	125		0.71	4.88	mg/Kg
Q1858-03	COMP-3	SOIL	Beryllium	1.25		0.024	0.29	mg/Kg
Q1858-03	COMP-3	SOIL	Cadmium	0.55		0.023	0.29	mg/Kg
Q1858-03	COMP-3	SOIL	Calcium	2390		10.8	97.6	mg/Kg
Q1858-03	COMP-3	SOIL	Chromium	30.9		0.046	0.49	mg/Kg
Q1858-03	COMP-3	SOIL	Cobalt	19.2		0.098	1.46	mg/Kg
Q1858-03	COMP-3	SOIL	Copper	22.2		0.22	0.98	mg/Kg
Q1858-03	COMP-3	SOIL	Iron	23500		3.89	4.88	mg/Kg
Q1858-03	COMP-3	SOIL	Lead	23.9		0.13	0.59	mg/Kg
Q1858-03	COMP-3	SOIL	Manganese	409		0.14	0.98	mg/Kg
Q1858-03	COMP-3	SOIL	Mercury	0.013	J	0.0080	0.015	mg/Kg
Q1858-03	COMP-3	SOIL	Molybdenum	5.21	J	0.79	9.76	mg/Kg
Q1858-03	COMP-3	SOIL	Nickel	25.0		0.13	1.95	mg/Kg
Q1858-03	COMP-3	SOIL	Silver	0.26	J	0.12	0.49	mg/Kg
Q1858-03	COMP-3	SOIL	Vanadium	49.1		0.24	1.95	mg/Kg
Q1858-03	COMP-3	SOIL	Zinc	59.9		0.22	1.95	mg/Kg

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/21/25
Project:	Henry Lea School	Date Received:	04/22/25
Client Sample ID:	COMP-1	SDG No.:	Q1858
Lab Sample ID:	Q1858-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	83.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	24600		1	0.95	5.65	mg/Kg	04/23/25 10:30	04/23/25 16:56	SW6010	SW3050
7440-36-0	Antimony	0.25	UN	1	0.25	2.82	mg/Kg	04/23/25 10:30	04/23/25 16:56	SW6010	SW3050
7440-38-2	Arsenic	5.92	N	1	0.22	1.13	mg/Kg	04/23/25 10:30	04/23/25 16:56	SW6010	SW3050
7440-39-3	Barium	146		1	0.83	5.65	mg/Kg	04/23/25 10:30	04/23/25 16:56	SW6010	SW3050
7440-41-7	Beryllium	2.29	N	1	0.028	0.34	mg/Kg	04/23/25 10:30	04/23/25 16:56	SW6010	SW3050
7440-43-9	Cadmium	3.68	*	1	0.027	0.34	mg/Kg	04/23/25 10:30	04/23/25 16:56	SW6010	SW3050
7440-70-2	Calcium	1440	*	1	12.5	113	mg/Kg	04/23/25 10:30	04/23/25 16:56	SW6010	SW3050
7440-47-3	Chromium	57.6	N	1	0.053	0.56	mg/Kg	04/23/25 10:30	04/23/25 16:56	SW6010	SW3050
7440-48-4	Cobalt	34.6		1	0.11	1.69	mg/Kg	04/23/25 10:30	04/23/25 16:56	SW6010	SW3050
7440-50-8	Copper	71.3		1	0.25	1.13	mg/Kg	04/23/25 10:30	04/23/25 16:56	SW6010	SW3050
7439-89-6	Iron	45400		1	4.51	5.65	mg/Kg	04/23/25 10:30	04/23/25 16:56	SW6010	SW3050
7439-92-1	Lead	24.7		1	0.15	0.68	mg/Kg	04/23/25 10:30	04/23/25 16:56	SW6010	SW3050
7439-96-5	Manganese	401		1	0.16	1.13	mg/Kg	04/23/25 10:30	04/23/25 16:56	SW6010	SW3050
7439-97-6	Mercury	0.0090	J	1	0.0080	0.015	mg/Kg	04/23/25 15:15	04/24/25 08:57	SW7471B	
7439-98-7	Molybdenum	7.80	JN	1	0.92	11.3	mg/Kg	04/23/25 10:30	04/23/25 16:56	SW6010	SW3050
7440-02-0	Nickel	35.3		1	0.15	2.26	mg/Kg	04/23/25 10:30	04/23/25 16:56	SW6010	SW3050
7782-49-2	Selenium	0.29	UN	1	0.29	1.13	mg/Kg	04/23/25 10:30	04/23/25 16:56	SW6010	SW3050
7440-22-4	Silver	0.65	N	1	0.14	0.56	mg/Kg	04/23/25 10:30	04/23/25 16:56	SW6010	SW3050
7440-28-0	Thallium	0.26	U	1	0.26	2.26	mg/Kg	04/23/25 10:30	04/23/25 16:56	SW6010	SW3050
7440-62-2	Vanadium	124		1	0.28	2.26	mg/Kg	04/23/25 10:30	04/23/25 16:56	SW6010	SW3050
7440-66-6	Zinc	92.7	*	1	0.26	2.26	mg/Kg	04/23/25 10:30	04/23/25 16:56	SW6010	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	Metals Group1				

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

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/21/25
Project:	Henry Lea School	Date Received:	04/22/25
Client Sample ID:	COMP-2	SDG No.:	Q1858
Lab Sample ID:	Q1858-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	81.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	16800		1	0.95	5.64	mg/Kg	04/23/25 10:30	04/23/25 17:30	SW6010	SW3050
7440-36-0	Antimony	0.25	UN	1	0.25	2.82	mg/Kg	04/23/25 10:30	04/23/25 17:30	SW6010	SW3050
7440-38-2	Arsenic	5.44	N	1	0.21	1.13	mg/Kg	04/23/25 10:30	04/23/25 17:30	SW6010	SW3050
7440-39-3	Barium	98.8		1	0.82	5.64	mg/Kg	04/23/25 10:30	04/23/25 17:30	SW6010	SW3050
7440-41-7	Beryllium	1.47	N	1	0.028	0.34	mg/Kg	04/23/25 10:30	04/23/25 17:30	SW6010	SW3050
7440-43-9	Cadmium	1.61	*	1	0.027	0.34	mg/Kg	04/23/25 10:30	04/23/25 17:30	SW6010	SW3050
7440-70-2	Calcium	827	*	1	12.5	113	mg/Kg	04/23/25 10:30	04/23/25 17:30	SW6010	SW3050
7440-47-3	Chromium	39.2	N	1	0.053	0.56	mg/Kg	04/23/25 10:30	04/23/25 17:30	SW6010	SW3050
7440-48-4	Cobalt	27.0		1	0.11	1.69	mg/Kg	04/23/25 10:30	04/23/25 17:30	SW6010	SW3050
7440-50-8	Copper	43.5		1	0.25	1.13	mg/Kg	04/23/25 10:30	04/23/25 17:30	SW6010	SW3050
7439-89-6	Iron	28800		1	4.50	5.64	mg/Kg	04/23/25 10:30	04/23/25 17:30	SW6010	SW3050
7439-92-1	Lead	25.2		1	0.15	0.68	mg/Kg	04/23/25 10:30	04/23/25 17:30	SW6010	SW3050
7439-96-5	Manganese	613		1	0.16	1.13	mg/Kg	04/23/25 10:30	04/23/25 17:30	SW6010	SW3050
7439-97-6	Mercury	0.029		1	0.0090	0.016	mg/Kg	04/23/25 15:15	04/24/25 08:59	SW7471B	
7439-98-7	Molybdenum	16.0	N	1	0.91	11.3	mg/Kg	04/23/25 10:30	04/23/25 17:30	SW6010	SW3050
7440-02-0	Nickel	26.2		1	0.15	2.26	mg/Kg	04/23/25 10:30	04/23/25 17:30	SW6010	SW3050
7782-49-2	Selenium	0.29	UN	1	0.29	1.13	mg/Kg	04/23/25 10:30	04/23/25 17:30	SW6010	SW3050
7440-22-4	Silver	0.52	JN	1	0.14	0.56	mg/Kg	04/23/25 10:30	04/23/25 17:30	SW6010	SW3050
7440-28-0	Thallium	0.26	U	1	0.26	2.26	mg/Kg	04/23/25 10:30	04/23/25 17:30	SW6010	SW3050
7440-62-2	Vanadium	70.5		1	0.28	2.26	mg/Kg	04/23/25 10:30	04/23/25 17:30	SW6010	SW3050
7440-66-6	Zinc	56.7	*	1	0.26	2.26	mg/Kg	04/23/25 10:30	04/23/25 17:30	SW6010	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	Metals Group1				

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

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Report of Analysis

Client:	Kleinfelder	Date Collected:	04/21/25
Project:	Henry Lea School	Date Received:	04/22/25
Client Sample ID:	COMP-3	SDG No.:	Q1858
Lab Sample ID:	Q1858-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	91.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	18800		1	0.82	4.88	mg/Kg	04/23/25 10:30	04/23/25 17:34	SW6010	SW3050
7440-36-0	Antimony	0.22	UN	1	0.22	2.44	mg/Kg	04/23/25 10:30	04/23/25 17:34	SW6010	SW3050
7440-38-2	Arsenic	3.06	N	1	0.19	0.98	mg/Kg	04/23/25 10:30	04/23/25 17:34	SW6010	SW3050
7440-39-3	Barium	125		1	0.71	4.88	mg/Kg	04/23/25 10:30	04/23/25 17:34	SW6010	SW3050
7440-41-7	Beryllium	1.25	N	1	0.024	0.29	mg/Kg	04/23/25 10:30	04/23/25 17:34	SW6010	SW3050
7440-43-9	Cadmium	0.55	*	1	0.023	0.29	mg/Kg	04/23/25 10:30	04/23/25 17:34	SW6010	SW3050
7440-70-2	Calcium	2390	*	1	10.8	97.6	mg/Kg	04/23/25 10:30	04/23/25 17:34	SW6010	SW3050
7440-47-3	Chromium	30.9	N	1	0.046	0.49	mg/Kg	04/23/25 10:30	04/23/25 17:34	SW6010	SW3050
7440-48-4	Cobalt	19.2		1	0.098	1.46	mg/Kg	04/23/25 10:30	04/23/25 17:34	SW6010	SW3050
7440-50-8	Copper	22.2		1	0.22	0.98	mg/Kg	04/23/25 10:30	04/23/25 17:34	SW6010	SW3050
7439-89-6	Iron	23500		1	3.89	4.88	mg/Kg	04/23/25 10:30	04/23/25 17:34	SW6010	SW3050
7439-92-1	Lead	23.9		1	0.13	0.59	mg/Kg	04/23/25 10:30	04/23/25 17:34	SW6010	SW3050
7439-96-5	Manganese	409		1	0.14	0.98	mg/Kg	04/23/25 10:30	04/23/25 17:34	SW6010	SW3050
7439-97-6	Mercury	0.013	J	1	0.0080	0.015	mg/Kg	04/23/25 15:15	04/24/25 09:01	SW7471B	
7439-98-7	Molybdenum	5.21	JN	1	0.79	9.76	mg/Kg	04/23/25 10:30	04/23/25 17:34	SW6010	SW3050
7440-02-0	Nickel	25.0		1	0.13	1.95	mg/Kg	04/23/25 10:30	04/23/25 17:34	SW6010	SW3050
7782-49-2	Selenium	0.25	UN	1	0.25	0.98	mg/Kg	04/23/25 10:30	04/23/25 17:34	SW6010	SW3050
7440-22-4	Silver	0.26	JN	1	0.12	0.49	mg/Kg	04/23/25 10:30	04/23/25 17:34	SW6010	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.95	mg/Kg	04/23/25 10:30	04/23/25 17:34	SW6010	SW3050
7440-62-2	Vanadium	49.1		1	0.24	1.95	mg/Kg	04/23/25 10:30	04/23/25 17:34	SW6010	SW3050
7440-66-6	Zinc	59.9	*	1	0.22	1.95	mg/Kg	04/23/25 10:30	04/23/25 17:34	SW6010	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	Metals Group1				

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

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1858

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1858 **SAS No.:** Q1858

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV99	Mercury	3.91	4.0	98	90 - 110	CV	04/24/2025	08:03	LB135540

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1858

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1858 **SAS No.:** Q1858

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV17	Mercury	5.04	5.0	101	90 - 110	CV	04/24/2025	08:07	LB135540
CCV18	Mercury	5.02	5.0	100	90 - 110	CV	04/24/2025	08:41	LB135540
CCV19	Mercury	5.06	5.0	101	90 - 110	CV	04/24/2025	09:08	LB135540
CCV20	Mercury	5.05	5.0	101	90 - 110	CV	04/24/2025	09:19	LB135540

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1858

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1858 **SAS No.:** Q1858

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	Aluminum	2400	2500	96	95 - 105	P	04/23/2025	15:29	LB135538
	Antimony	974	1000	97	95 - 105	P	04/23/2025	15:29	LB135538
	Arsenic	990	1000	99	95 - 105	P	04/23/2025	15:29	LB135538
	Barium	553	520	106	95 - 105	P	04/23/2025	15:29	LB135538
	Beryllium	533	510	105	95 - 105	P	04/23/2025	15:29	LB135538
	Cadmium	499	510	98	95 - 105	P	04/23/2025	15:29	LB135538
	Calcium	9960	10000	100	95 - 105	P	04/23/2025	15:29	LB135538
	Chromium	529	520	102	95 - 105	P	04/23/2025	15:29	LB135538
	Cobalt	539	520	104	95 - 105	P	04/23/2025	15:29	LB135538
	Copper	489	510	96	95 - 105	P	04/23/2025	15:29	LB135538
	Iron	10500	10000	105	95 - 105	P	04/23/2025	15:29	LB135538
	Lead	972	1000	97	95 - 105	P	04/23/2025	15:29	LB135538
	Manganese	517	520	100	95 - 105	P	04/23/2025	15:29	LB135538
	Molybdenum	2600	2500	104	95 - 105	P	04/23/2025	15:29	LB135538
	Nickel	542	530	102	95 - 105	P	04/23/2025	15:29	LB135538
	Selenium	1020	1000	102	95 - 105	P	04/23/2025	15:29	LB135538
	Silver	242	250	97	95 - 105	P	04/23/2025	15:29	LB135538
	Thallium	1010	1000	102	95 - 105	P	04/23/2025	15:29	LB135538
	Vanadium	513	500	102	95 - 105	P	04/23/2025	15:29	LB135538
	Zinc	981	1000	98	95 - 105	P	04/23/2025	15:29	LB135538

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1858

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1858 **SAS No.:** Q1858

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
LLICV01	Aluminum	98.1	100	98	80 - 120	P	04/23/2025	15:44	LB135538
	Antimony	53.8	50.0	108	80 - 120	P	04/23/2025	15:44	LB135538
	Arsenic	22.1	20.0	110	80 - 120	P	04/23/2025	15:44	LB135538
	Barium	91.7	100	92	80 - 120	P	04/23/2025	15:44	LB135538
	Beryllium	6.01	6.0	100	80 - 120	P	04/23/2025	15:44	LB135538
	Cadmium	6.11	6.0	102	80 - 120	P	04/23/2025	15:44	LB135538
	Calcium	1920	2000	96	80 - 120	P	04/23/2025	15:44	LB135538
	Chromium	9.47	10.0	95	80 - 120	P	04/23/2025	15:44	LB135538
	Cobalt	29.3	30.0	98	80 - 120	P	04/23/2025	15:44	LB135538
	Copper	22.3	20.0	111	80 - 120	P	04/23/2025	15:44	LB135538
	Iron	106	100	106	80 - 120	P	04/23/2025	15:44	LB135538
	Lead	12.5	12.0	104	80 - 120	P	04/23/2025	15:44	LB135538
	Manganese	20.1	20.0	100	80 - 120	P	04/23/2025	15:44	LB135538
	Molybdenum	206	200	103	80 - 120	P	04/23/2025	15:44	LB135538
	Nickel	39.4	40.0	98	80 - 120	P	04/23/2025	15:44	LB135538
	Selenium	18.5	20.0	93	80 - 120	P	04/23/2025	15:44	LB135538
	Silver	10.2	10.0	102	80 - 120	P	04/23/2025	15:44	LB135538
	Thallium	45.6	40.0	114	80 - 120	P	04/23/2025	15:44	LB135538
	Vanadium	39.5	40.0	99	80 - 120	P	04/23/2025	15:44	LB135538
	Zinc	43.4	40.0	108	80 - 120	P	04/23/2025	15:44	LB135538

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1858

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1858 **SAS No.:** Q1858

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	Aluminum	9730	10000	97	90 - 110	P	04/23/2025	16:15	LB135538
	Antimony	5030	5000	101	90 - 110	P	04/23/2025	16:15	LB135538
	Arsenic	5030	5000	101	90 - 110	P	04/23/2025	16:15	LB135538
	Barium	9810	10000	98	90 - 110	P	04/23/2025	16:15	LB135538
	Beryllium	243	250	97	90 - 110	P	04/23/2025	16:15	LB135538
	Cadmium	2470	2500	99	90 - 110	P	04/23/2025	16:15	LB135538
	Calcium	24300	25000	97	90 - 110	P	04/23/2025	16:15	LB135538
	Chromium	1000	1000	100	90 - 110	P	04/23/2025	16:15	LB135538
	Cobalt	2470	2500	99	90 - 110	P	04/23/2025	16:15	LB135538
	Copper	1260	1250	100	90 - 110	P	04/23/2025	16:15	LB135538
	Iron	5160	5000	103	90 - 110	P	04/23/2025	16:15	LB135538
	Lead	4970	5000	100	90 - 110	P	04/23/2025	16:15	LB135538
	Manganese	2420	2500	97	90 - 110	P	04/23/2025	16:15	LB135538
	Molybdenum	4990	5000	100	90 - 110	P	04/23/2025	16:15	LB135538
	Nickel	2480	2500	99	90 - 110	P	04/23/2025	16:15	LB135538
	Selenium	5080	5000	102	90 - 110	P	04/23/2025	16:15	LB135538
	Silver	1260	1250	101	90 - 110	P	04/23/2025	16:15	LB135538
	Thallium	4990	5000	100	90 - 110	P	04/23/2025	16:15	LB135538
	Vanadium	2430	2500	97	90 - 110	P	04/23/2025	16:15	LB135538
	Zinc	2520	2500	101	90 - 110	P	04/23/2025	16:15	LB135538
CCV02	Aluminum	9890	10000	99	90 - 110	P	04/23/2025	17:05	LB135538
	Antimony	4990	5000	100	90 - 110	P	04/23/2025	17:05	LB135538
	Arsenic	4950	5000	99	90 - 110	P	04/23/2025	17:05	LB135538
	Barium	9750	10000	98	90 - 110	P	04/23/2025	17:05	LB135538
	Beryllium	251	250	100	90 - 110	P	04/23/2025	17:05	LB135538
	Cadmium	2460	2500	98	90 - 110	P	04/23/2025	17:05	LB135538
	Calcium	24400	25000	98	90 - 110	P	04/23/2025	17:05	LB135538
	Chromium	1010	1000	101	90 - 110	P	04/23/2025	17:05	LB135538
	Cobalt	2460	2500	99	90 - 110	P	04/23/2025	17:05	LB135538
	Copper	1250	1250	100	90 - 110	P	04/23/2025	17:05	LB135538
	Iron	4950	5000	99	90 - 110	P	04/23/2025	17:05	LB135538
	Lead	4930	5000	99	90 - 110	P	04/23/2025	17:05	LB135538
	Manganese	2430	2500	97	90 - 110	P	04/23/2025	17:05	LB135538
	Molybdenum	5010	5000	100	90 - 110	P	04/23/2025	17:05	LB135538

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1858

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1858 **SAS No.:** Q1858

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	Nickel	2470	2500	99	90 - 110	P	04/23/2025	17:05	LB135538
	Selenium	4970	5000	100	90 - 110	P	04/23/2025	17:05	LB135538
	Silver	1260	1250	100	90 - 110	P	04/23/2025	17:05	LB135538
	Thallium	4890	5000	98	90 - 110	P	04/23/2025	17:05	LB135538
	Vanadium	2460	2500	98	90 - 110	P	04/23/2025	17:05	LB135538
	Zinc	2510	2500	100	90 - 110	P	04/23/2025	17:05	LB135538
CCV03	Aluminum	9820	10000	98	90 - 110	P	04/23/2025	17:55	LB135538
	Antimony	5030	5000	101	90 - 110	P	04/23/2025	17:55	LB135538
	Arsenic	5030	5000	101	90 - 110	P	04/23/2025	17:55	LB135538
	Barium	9910	10000	99	90 - 110	P	04/23/2025	17:55	LB135538
	Beryllium	248	250	99	90 - 110	P	04/23/2025	17:55	LB135538
	Cadmium	2510	2500	100	90 - 110	P	04/23/2025	17:55	LB135538
	Calcium	24600	25000	98	90 - 110	P	04/23/2025	17:55	LB135538
	Chromium	1020	1000	102	90 - 110	P	04/23/2025	17:55	LB135538
	Cobalt	2500	2500	100	90 - 110	P	04/23/2025	17:55	LB135538
	Copper	1260	1250	101	90 - 110	P	04/23/2025	17:55	LB135538
	Iron	5200	5000	104	90 - 110	P	04/23/2025	17:55	LB135538
	Lead	5020	5000	100	90 - 110	P	04/23/2025	17:55	LB135538
	Manganese	2450	2500	98	90 - 110	P	04/23/2025	17:55	LB135538
	Molybdenum	5030	5000	101	90 - 110	P	04/23/2025	17:55	LB135538
	Nickel	2500	2500	100	90 - 110	P	04/23/2025	17:55	LB135538
	Selenium	5030	5000	101	90 - 110	P	04/23/2025	17:55	LB135538
	Silver	1280	1250	102	90 - 110	P	04/23/2025	17:55	LB135538
	Thallium	4940	5000	99	90 - 110	P	04/23/2025	17:55	LB135538
	Vanadium	2480	2500	99	90 - 110	P	04/23/2025	17:55	LB135538
	Zinc	2550	2500	102	90 - 110	P	04/23/2025	17:55	LB135538
CCV04	Aluminum	9860	10000	99	90 - 110	P	04/23/2025	18:38	LB135538
	Antimony	4990	5000	100	90 - 110	P	04/23/2025	18:38	LB135538
	Arsenic	4980	5000	100	90 - 110	P	04/23/2025	18:38	LB135538
	Barium	9730	10000	97	90 - 110	P	04/23/2025	18:38	LB135538
	Beryllium	251	250	100	90 - 110	P	04/23/2025	18:38	LB135538
	Cadmium	2480	2500	99	90 - 110	P	04/23/2025	18:38	LB135538
	Calcium	24400	25000	98	90 - 110	P	04/23/2025	18:38	LB135538
	Chromium	1010	1000	101	90 - 110	P	04/23/2025	18:38	LB135538

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q1858

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1858 **SAS No.:** Q1858

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	Cobalt	2470	2500	99	90 - 110	P	04/23/2025	18:38	LB135538
	Copper	1250	1250	100	90 - 110	P	04/23/2025	18:38	LB135538
	Iron	5070	5000	102	90 - 110	P	04/23/2025	18:38	LB135538
	Lead	4960	5000	99	90 - 110	P	04/23/2025	18:38	LB135538
	Manganese	2430	2500	97	90 - 110	P	04/23/2025	18:38	LB135538
	Molybdenum	4990	5000	100	90 - 110	P	04/23/2025	18:38	LB135538
	Nickel	2480	2500	99	90 - 110	P	04/23/2025	18:38	LB135538
	Selenium	5000	5000	100	90 - 110	P	04/23/2025	18:38	LB135538
	Silver	1260	1250	101	90 - 110	P	04/23/2025	18:38	LB135538
	Thallium	4890	5000	98	90 - 110	P	04/23/2025	18:38	LB135538
	Vanadium	2470	2500	99	90 - 110	P	04/23/2025	18:38	LB135538
	Zinc	2520	2500	101	90 - 110	P	04/23/2025	18:38	LB135538

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Metals

- 2b -
CRDL STANDARD FOR AA & ICP

Client: Kleinfelder **SDG No.:** Q1858

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1858 **SAS No.:** Q1858

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
CRI01	Aluminum	95.1	100	95	40 - 160	P	04/23/2025	15:53	LB135538
	Antimony	51.3	50.0	102	40 - 160	P	04/23/2025	15:53	LB135538
	Arsenic	20.4	20.0	102	40 - 160	P	04/23/2025	15:53	LB135538
	Barium	88.7	100	89	40 - 160	P	04/23/2025	15:53	LB135538
	Beryllium	5.75	6.0	96	40 - 160	P	04/23/2025	15:53	LB135538
	Cadmium	6.07	6.0	101	40 - 160	P	04/23/2025	15:53	LB135538
	Calcium	1890	2000	95	40 - 160	P	04/23/2025	15:53	LB135538
	Chromium	9.31	10.0	93	40 - 160	P	04/23/2025	15:53	LB135538
	Cobalt	28.9	30.0	96	40 - 160	P	04/23/2025	15:53	LB135538
	Copper	22.7	20.0	113	40 - 160	P	04/23/2025	15:53	LB135538
	Iron	92.0	100	92	40 - 160	P	04/23/2025	15:53	LB135538
	Lead	10.1	12.0	84	40 - 160	P	04/23/2025	15:53	LB135538
	Manganese	20.6	20.0	103	40 - 160	P	04/23/2025	15:53	LB135538
	Molybdenum	207	200	103	40 - 160	P	04/23/2025	15:53	LB135538
	Nickel	39.4	40.0	98	40 - 160	P	04/23/2025	15:53	LB135538
	Selenium	18.2	20.0	91	40 - 160	P	04/23/2025	15:53	LB135538
	Silver	9.37	10.0	94	40 - 160	P	04/23/2025	15:53	LB135538
	Thallium	41.5	40.0	104	40 - 160	P	04/23/2025	15:53	LB135538
	Vanadium	39.3	40.0	98	40 - 160	P	04/23/2025	15:53	LB135538
	Zinc	42.0	40.0	105	40 - 160	P	04/23/2025	15:53	LB135538
CRA	Mercury	0.24	0.2	118	40 - 160	CV	04/24/2025	08:12	LB135540

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1858

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1858 **SAS No.:** Q1858

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB99	Mercury	0.20	+/-0.20	U	0.20	CV	04/24/2025	08:05	LB135540

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1858

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1858 **SAS No.:** Q1858

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB17	Mercury	0.20	+/-0.20	U	0.20	CV	04/24/2025	08:10	LB135540
CCB18	Mercury	0.20	+/-0.20	U	0.20	CV	04/24/2025	08:43	LB135540
CCB19	Mercury	0.20	+/-0.20	U	0.20	CV	04/24/2025	09:10	LB135540
CCB20	Mercury	0.20	+/-0.20	U	0.20	CV	04/24/2025	09:22	LB135540

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1858

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1858 **SAS No.:** Q1858

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	100	+/-100	U	100	P	04/23/2025	15:49	LB135538
	Antimony	50.0	+/-50.0	U	50.0	P	04/23/2025	15:49	LB135538
	Arsenic	20.0	+/-20.0	U	20.0	P	04/23/2025	15:49	LB135538
	Barium	100	+/-100	U	100	P	04/23/2025	15:49	LB135538
	Beryllium	6.00	+/-6.00	U	6.00	P	04/23/2025	15:49	LB135538
	Cadmium	6.00	+/-6.00	U	6.00	P	04/23/2025	15:49	LB135538
	Calcium	2000	+/-2000	U	2000	P	04/23/2025	15:49	LB135538
	Chromium	10.0	+/-10.0	U	10.0	P	04/23/2025	15:49	LB135538
	Cobalt	30.0	+/-30.0	U	30.0	P	04/23/2025	15:49	LB135538
	Copper	20.0	+/-20.0	U	20.0	P	04/23/2025	15:49	LB135538
	Iron	100	+/-100	U	100	P	04/23/2025	15:49	LB135538
	Lead	12.0	+/-12.0	U	12.0	P	04/23/2025	15:49	LB135538
	Manganese	20.0	+/-20.0	U	20.0	P	04/23/2025	15:49	LB135538
	Molybdenum	200	+/-200	U	200	P	04/23/2025	15:49	LB135538
	Nickel	40.0	+/-40.0	U	40.0	P	04/23/2025	15:49	LB135538
	Selenium	20.0	+/-20.0	U	20.0	P	04/23/2025	15:49	LB135538
	Silver	10.0	+/-10.0	U	10.0	P	04/23/2025	15:49	LB135538
	Thallium	40.0	+/-40.0	U	40.0	P	04/23/2025	15:49	LB135538
	Vanadium	40.0	+/-40.0	U	40.0	P	04/23/2025	15:49	LB135538
	Zinc	40.0	+/-40.0	U	40.0	P	04/23/2025	15:49	LB135538

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1858

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1858 **SAS No.:** Q1858

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	100	+/-100	U	100	P	04/23/2025	16:19	LB135538
	Antimony	50.0	+/-50.0	U	50.0	P	04/23/2025	16:19	LB135538
	Arsenic	20.0	+/-20.0	U	20.0	P	04/23/2025	16:19	LB135538
	Barium	100	+/-100	U	100	P	04/23/2025	16:19	LB135538
	Beryllium	6.00	+/-6.00	U	6.00	P	04/23/2025	16:19	LB135538
	Cadmium	6.00	+/-6.00	U	6.00	P	04/23/2025	16:19	LB135538
	Calcium	2000	+/-2000	U	2000	P	04/23/2025	16:19	LB135538
	Chromium	10.0	+/-10.0	U	10.0	P	04/23/2025	16:19	LB135538
	Cobalt	30.0	+/-30.0	U	30.0	P	04/23/2025	16:19	LB135538
	Copper	20.0	+/-20.0	U	20.0	P	04/23/2025	16:19	LB135538
	Iron	100	+/-100	U	100	P	04/23/2025	16:19	LB135538
	Lead	12.0	+/-12.0	U	12.0	P	04/23/2025	16:19	LB135538
	Manganese	20.0	+/-20.0	U	20.0	P	04/23/2025	16:19	LB135538
	Molybdenum	200	+/-200	U	200	P	04/23/2025	16:19	LB135538
	Nickel	40.0	+/-40.0	U	40.0	P	04/23/2025	16:19	LB135538
	Selenium	20.0	+/-20.0	U	20.0	P	04/23/2025	16:19	LB135538
	Silver	10.0	+/-10.0	U	10.0	P	04/23/2025	16:19	LB135538
	Thallium	40.0	+/-40.0	U	40.0	P	04/23/2025	16:19	LB135538
	Vanadium	40.0	+/-40.0	U	40.0	P	04/23/2025	16:19	LB135538
	Zinc	40.0	+/-40.0	U	40.0	P	04/23/2025	16:19	LB135538
CCB02	Aluminum	100	+/-100	U	100	P	04/23/2025	17:09	LB135538
	Antimony	50.0	+/-50.0	U	50.0	P	04/23/2025	17:09	LB135538
	Arsenic	20.0	+/-20.0	U	20.0	P	04/23/2025	17:09	LB135538
	Barium	100	+/-100	U	100	P	04/23/2025	17:09	LB135538
	Beryllium	6.00	+/-6.00	U	6.00	P	04/23/2025	17:09	LB135538
	Cadmium	6.00	+/-6.00	U	6.00	P	04/23/2025	17:09	LB135538
	Calcium	2000	+/-2000	U	2000	P	04/23/2025	17:09	LB135538
	Chromium	10.0	+/-10.0	U	10.0	P	04/23/2025	17:09	LB135538
	Cobalt	30.0	+/-30.0	U	30.0	P	04/23/2025	17:09	LB135538
	Copper	20.0	+/-20.0	U	20.0	P	04/23/2025	17:09	LB135538
	Iron	100	+/-100	U	100	P	04/23/2025	17:09	LB135538
	Lead	12.0	+/-12.0	U	12.0	P	04/23/2025	17:09	LB135538
	Manganese	20.0	+/-20.0	U	20.0	P	04/23/2025	17:09	LB135538
	Molybdenum	200	+/-200	U	200	P	04/23/2025	17:09	LB135538
	Nickel	40.0	+/-40.0	U	40.0	P	04/23/2025	17:09	LB135538
	Selenium	20.0	+/-20.0	U	20.0	P	04/23/2025	17:09	LB135538
	Silver	10.0	+/-10.0	U	10.0	P	04/23/2025	17:09	LB135538
	Thallium	40.0	+/-40.0	U	40.0	P	04/23/2025	17:09	LB135538
	Vanadium	40.0	+/-40.0	U	40.0	P	04/23/2025	17:09	LB135538

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1858

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1858 **SAS No.:** Q1858

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Zinc	40.0	+/-40.0	U	40.0	P	04/23/2025	17:09	LB135538
CCB03	Aluminum	100	+/-100	U	100	P	04/23/2025	17:59	LB135538
	Antimony	50.0	+/-50.0	U	50.0	P	04/23/2025	17:59	LB135538
	Arsenic	20.0	+/-20.0	U	20.0	P	04/23/2025	17:59	LB135538
	Barium	100	+/-100	U	100	P	04/23/2025	17:59	LB135538
	Beryllium	6.00	+/-6.00	U	6.00	P	04/23/2025	17:59	LB135538
	Cadmium	6.00	+/-6.00	U	6.00	P	04/23/2025	17:59	LB135538
	Calcium	2000	+/-2000	U	2000	P	04/23/2025	17:59	LB135538
	Chromium	10.0	+/-10.0	U	10.0	P	04/23/2025	17:59	LB135538
	Cobalt	30.0	+/-30.0	U	30.0	P	04/23/2025	17:59	LB135538
	Copper	20.0	+/-20.0	U	20.0	P	04/23/2025	17:59	LB135538
	Iron	100	+/-100	U	100	P	04/23/2025	17:59	LB135538
	Lead	12.0	+/-12.0	U	12.0	P	04/23/2025	17:59	LB135538
	Manganese	20.0	+/-20.0	U	20.0	P	04/23/2025	17:59	LB135538
	Molybdenum	200	+/-200	U	200	P	04/23/2025	17:59	LB135538
	Nickel	40.0	+/-40.0	U	40.0	P	04/23/2025	17:59	LB135538
	Selenium	20.0	+/-20.0	U	20.0	P	04/23/2025	17:59	LB135538
	Silver	10.0	+/-10.0	U	10.0	P	04/23/2025	17:59	LB135538
	Thallium	40.0	+/-40.0	U	40.0	P	04/23/2025	17:59	LB135538
	Vanadium	40.0	+/-40.0	U	40.0	P	04/23/2025	17:59	LB135538
	Zinc	40.0	+/-40.0	U	40.0	P	04/23/2025	17:59	LB135538
CCB04	Aluminum	100	+/-100	U	100	P	04/23/2025	18:42	LB135538
	Antimony	50.0	+/-50.0	U	50.0	P	04/23/2025	18:42	LB135538
	Arsenic	20.0	+/-20.0	U	20.0	P	04/23/2025	18:42	LB135538
	Barium	100	+/-100	U	100	P	04/23/2025	18:42	LB135538
	Beryllium	6.00	+/-6.00	U	6.00	P	04/23/2025	18:42	LB135538
	Cadmium	6.00	+/-6.00	U	6.00	P	04/23/2025	18:42	LB135538
	Calcium	2000	+/-2000	U	2000	P	04/23/2025	18:42	LB135538
	Chromium	10.0	+/-10.0	U	10.0	P	04/23/2025	18:42	LB135538
	Cobalt	30.0	+/-30.0	U	30.0	P	04/23/2025	18:42	LB135538
	Copper	20.0	+/-20.0	U	20.0	P	04/23/2025	18:42	LB135538
	Iron	100	+/-100	U	100	P	04/23/2025	18:42	LB135538
	Lead	12.0	+/-12.0	U	12.0	P	04/23/2025	18:42	LB135538
	Manganese	20.0	+/-20.0	U	20.0	P	04/23/2025	18:42	LB135538
	Molybdenum	200	+/-200	U	200	P	04/23/2025	18:42	LB135538
	Nickel	40.0	+/-40.0	U	40.0	P	04/23/2025	18:42	LB135538
	Selenium	20.0	+/-20.0	U	20.0	P	04/23/2025	18:42	LB135538
	Silver	10.0	+/-10.0	U	10.0	P	04/23/2025	18:42	LB135538
	Thallium	40.0	+/-40.0	U	40.0	P	04/23/2025	18:42	LB135538

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1858

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1858 **SAS No.:** Q1858

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Vanadium	40.0	+/-40.0	U	40.0	P	04/23/2025	18:42	LB135538
	Zinc	40.0	+/-40.0	U	40.0	P	04/23/2025	18:42	LB135538

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1858

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1858 **SAS No.:** Q1858

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number

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Metals
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PREPARATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1858

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB167718BL		**SOLID**		**Batch Number:**	**PB167718**		**Prep Date:**	**04/23/2025**	
	Mercury	0.013	<0.013	U	0.013	CV	04/24/2025	08:22	LB135540

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Metals
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PREPARATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q1858

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB167713BL		**SOLID**		**Batch Number:**	**PB167713**		**Prep Date:**	**04/23/2025**	
	Aluminum	4.98	<4.98	U	4.98	P	04/23/2025	16:23	LB135538
	Antimony	2.49	<2.49	U	2.49	P	04/23/2025	16:23	LB135538
	Arsenic	1.00	<1.00	U	1.00	P	04/23/2025	16:23	LB135538
	Barium	4.98	<4.98	U	4.98	P	04/23/2025	16:23	LB135538
	Beryllium	0.30	<0.30	U	0.30	P	04/23/2025	16:23	LB135538
	Cadmium	0.30	<0.30	U	0.30	P	04/23/2025	16:23	LB135538
	Calcium	99.5	<99.5	U	99.5	P	04/23/2025	16:23	LB135538
	Chromium	0.50	<0.50	U	0.50	P	04/23/2025	16:23	LB135538
	Cobalt	1.49	<1.49	U	1.49	P	04/23/2025	16:23	LB135538
	Copper	1.00	<1.00	U	1.00	P	04/23/2025	16:23	LB135538
	Iron	4.98	<4.98	U	4.98	P	04/23/2025	16:23	LB135538
	Lead	0.60	<0.60	U	0.60	P	04/23/2025	16:23	LB135538
	Manganese	1.00	<1.00	U	1.00	P	04/23/2025	16:23	LB135538
	Molybdenum	9.95	<9.95	U	9.95	P	04/23/2025	16:23	LB135538
	Nickel	1.99	<1.99	U	1.99	P	04/23/2025	16:23	LB135538
	Selenium	1.00	<1.00	U	1.00	P	04/23/2025	16:23	LB135538
	Silver	0.50	<0.50	U	0.50	P	04/23/2025	16:23	LB135538
	Thallium	1.99	<1.99	U	1.99	P	04/23/2025	16:23	LB135538
	Vanadium	1.99	<1.99	U	1.99	P	04/23/2025	16:23	LB135538
	Zinc	1.99	<1.99	U	1.99	P	04/23/2025	16:23	LB135538

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Metals
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INTERFERENCE CHECK SAMPLE

Client: Kleinfelder **SDG No.:** Q1858

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1858 **SAS No.:** Q1858

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	Aluminum	230000	255000	90	216000	294000	04/23/2025	15:58	LB135538
	Antimony	-2.40			-50	50	04/23/2025	15:58	LB135538
	Arsenic	3.98			-20	20	04/23/2025	15:58	LB135538
	Barium	2.89	6.0	48	-94	106	04/23/2025	15:58	LB135538
	Beryllium	0.51			-6	6	04/23/2025	15:58	LB135538
	Cadmium	-2.92	1.0	292	-5	7	04/23/2025	15:58	LB135538
	Calcium	220000	245000	90	208000	282000	04/23/2025	15:58	LB135538
	Chromium	53.1	52.0	102	42	62	04/23/2025	15:58	LB135538
	Cobalt	0.76			-30	30	04/23/2025	15:58	LB135538
	Copper	5.71	2.0	286	-18	22	04/23/2025	15:58	LB135538
	Iron	94900	101000	94	85600	116500	04/23/2025	15:58	LB135538
	Lead	-1.66			-12	12	04/23/2025	15:58	LB135538
	Manganese	2.40	7.0	34	-13	27	04/23/2025	15:58	LB135538
	Molybdenum	0.20	1000		-200	200	04/23/2025	15:58	LB135538
	Nickel	1.73	2.0	86	-38	42	04/23/2025	15:58	LB135538
	Selenium	-1.75			-20	20	04/23/2025	15:58	LB135538
	Silver	1.29			-10	10	04/23/2025	15:58	LB135538
	Thallium	9.27			-40	40	04/23/2025	15:58	LB135538
	Vanadium	2.62			-40	40	04/23/2025	15:58	LB135538
	Zinc	3.65			-40	40	04/23/2025	15:58	LB135538
ICSAB01	Aluminum	230000	247000	93	209000	285000	04/23/2025	16:02	LB135538
	Antimony	619	618	100	525	711	04/23/2025	16:02	LB135538
	Arsenic	111	104	107	88.4	120	04/23/2025	16:02	LB135538
	Barium	466	537	87	437	637	04/23/2025	16:02	LB135538
	Beryllium	469	495	95	420	570	04/23/2025	16:02	LB135538
	Cadmium	1000	972	103	826	1120	04/23/2025	16:02	LB135538
	Calcium	219000	235000	93	199000	271000	04/23/2025	16:02	LB135538
	Chromium	547	542	101	460	624	04/23/2025	16:02	LB135538
	Cobalt	489	476	103	404	548	04/23/2025	16:02	LB135538
	Copper	480	511	94	434	588	04/23/2025	16:02	LB135538
	Iron	97700	99300	98	84400	114500	04/23/2025	16:02	LB135538
	Lead	45.3	49.0	92	37	61	04/23/2025	16:02	LB135538
	Manganese	463	507	91	430	584	04/23/2025	16:02	LB135538
	Molybdenum	1030	1000	103	850	1150	04/23/2025	16:02	LB135538
	Nickel	971	954	102	810	1100	04/23/2025	16:02	LB135538
	Selenium	48.0	46.0	104	26	66	04/23/2025	16:02	LB135538
	Silver	178	201	89	170	232	04/23/2025	16:02	LB135538
	Thallium	107	108	99	68	148	04/23/2025	16:02	LB135538
	Vanadium	455	491	93	417	565	04/23/2025	16:02	LB135538
	Zinc	1030	952	108	809	1095	04/23/2025	16:02	LB135538

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metals
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MATRIX SPIKE SUMMARY

client: Kleinfelder **level:** low **sdg no.:** Q1858

contract: POWE02 **lab code:** CHEM **case no.:** Q1858 **sas no.:** Q1858

matrix: Solid **sample id:** Q1852-01 **client id:** ETGI-354MS

Percent Solids for Sample: 92.5 **Spiked ID:** Q1852-01MS **Percent Solids for Spike Sample:** 92.5

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.26		0.014	U	0.27	97		CV

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MATRIX SPIKE DUPLICATE SUMMARY

client: Kleinfelder **level:** low **sdg no.:** Q1858

contract: POWE02 **lab code:** CHEM **case no.:** Q1858 **sas no.:** Q1858

matrix: Solid **sample id:** Q1852-01 **client id:** ETGI-354MSD

Percent Solids for Sample: 92.5 **Spiked ID:** Q1852-01MSD **Percent Solids for Spike Sample:** 92.5

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.24		0.014	U	0.27	90		CV

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metals
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MATRIX SPIKE SUMMARY

client: Kleinfelder **level:** low **sdg no.:** Q1858

contract: POWE02 **lab code:** CHEM **case no.:** Q1858 **sas no.:** Q1858

matrix: Solid **sample id:** Q1858-01 **client id:** COMP-1MS

Percent Solids for Sample: 83.9 **Spiked ID:** Q1858-01MS **Percent Solids for Spike Sample:** 83.9

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	22800		24600		110	-1658		P
Antimony	mg/Kg	75 - 125	9.38		2.82	U	43.9	21	N	P
Arsenic	mg/Kg	75 - 125	31.2		5.92		43.9	58	N	P
Barium	mg/Kg	75 - 125	151		146		11.0	48		P
Beryllium	mg/Kg	75 - 125	8.03		2.29		11.0	52	N	P
Cadmium	mg/Kg	75 - 125	13.3		3.68		11.0	88		P
Calcium	mg/Kg	75 - 125	1180		1440		54.9	-475		P
Chromium	mg/Kg	75 - 125	61.1		57.6		22.0	16	N	P
Cobalt	mg/Kg	75 - 125	43.4		34.6		11.0	80		P
Copper	mg/Kg	75 - 125	76.9		71.3		16.5	34		P
Iron	mg/Kg	75 - 125	39600		45400		160	-3618		P
Lead	mg/Kg	75 - 125	71.9		24.7		54.9	86		P
Manganese	mg/Kg	75 - 125	362		401		11.0	-348		P
Molybdenum	mg/Kg	75 - 125	19.6		7.80	J	22.0	54	N	P
Nickel	mg/Kg	75 - 125	58.8		35.3		27.5	86		P
Selenium	mg/Kg	75 - 125	60.2		1.13	U	110	55	N	P
Silver	mg/Kg	75 - 125	3.19		0.65		4.1	62	N	P
Thallium	mg/Kg	75 - 125	90.4		2.26	U	110	82		P
Vanadium	mg/Kg	75 - 125	120		124		16.5	-27		P
Zinc	mg/Kg	75 - 125	93.3		92.7		11.0	5		P

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: Kleinfelder **level:** low **sdg no.:** Q1858

contract: POWE02 **lab code:** CHEM **case no.:** Q1858 **sas no.:** Q1858

matrix: Solid **sample id:** Q1858-01 **client id:** COMP-1MSD

Percent Solids for Sample: 83.9 **Spiked ID:** Q1858-01MSD **Percent Solids for Spike Sample:** 83.9

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	23100		24600		110	-1327		P
Antimony	mg/Kg	75 - 125	10.2		2.82	U	45.2	22	N	P
Arsenic	mg/Kg	75 - 125	32.7		5.92		45.2	59	N	P
Barium	mg/Kg	75 - 125	154		146		11.3	73		P
Beryllium	mg/Kg	75 - 125	8.20		2.29		11.3	52	N	P
Cadmium	mg/Kg	75 - 125	13.1		3.68		11.3	83		P
Calcium	mg/Kg	75 - 125	1500		1440		56.5	107		P
Chromium	mg/Kg	75 - 125	63.0		57.6		22.6	24	N	P
Cobalt	mg/Kg	75 - 125	44.4		34.6		11.3	87		P
Copper	mg/Kg	75 - 125	82.9		71.3		16.9	69		P
Iron	mg/Kg	75 - 125	41700		45400		170	-2183		P
Lead	mg/Kg	75 - 125	76.2		24.7		56.5	91		P
Manganese	mg/Kg	75 - 125	408		401		11.3	69		P
Molybdenum	mg/Kg	75 - 125	21.8		7.80	J	22.6	62	N	P
Nickel	mg/Kg	75 - 125	59.4		35.3		28.2	85		P
Selenium	mg/Kg	75 - 125	63.4		1.13	U	110	58	N	P
Silver	mg/Kg	75 - 125	3.50		0.65		4.2	68	N	P
Thallium	mg/Kg	75 - 125	93.2		2.26	U	110	85		P
Vanadium	mg/Kg	75 - 125	120		124		16.9	-27		P
Zinc	mg/Kg	75 - 125	165		92.7		11.3	642		P

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Metals
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POST DIGEST SPIKE SUMMARY

Client: Kleinfelder **SDG No.:** Q1858

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1858 **SAS No.:** Q1858

Matrix: Solid **Level:** LOW **Client ID:** COMP-1A

Sample ID: Q1858-01 **Spiked ID:** Q1858-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	9.69		2.82	U	45.2	21		P
Arsenic	mg/Kg	75 - 125	31.8		5.92		45.2	57		P
Beryllium	mg/Kg	75 - 125	8.77		2.29		11.3	57		P
Chromium	mg/Kg	75 - 125	63.0		57.6		22.6	24		P
Molybdenum	mg/Kg	75 - 125	21.2		7.80	J	22.6	59		P
Selenium	mg/Kg	75 - 125	60.7		1.13	U	110	55		P
Silver	mg/Kg	75 - 125	2.96		0.65		4.20	55		P

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Kleinfelder **Level:** LOW **SDG No.:** Q1858

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1858 **SAS No.:** Q1858

Matrix: Solid **Sample ID:** Q1852-01 **Client ID:** ETGI-354DUP

Percent Solids for Sample: 92.5 **Duplicate ID** Q1852-01DUP **Percent Solids for Spike Sample:** 92.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.014	U	0.013	U			CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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DUPLICATE SAMPLE SUMMARY

Client: Kleinfelder **Level:** LOW **SDG No.:** Q1858

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1858 **SAS No.:** Q1858

Matrix: Solid **Sample ID:** Q1852-01MS **Client ID:** ETGI-354MSD

Percent Solids for Sample: 92.5 **Duplicate ID** Q1852-01MSD **Percent Solids for Spike Sample:** 92.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.26		0.24		7		CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Kleinfelder **Level:** LOW **SDG No.:** Q1858

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1858 **SAS No.:** Q1858

Matrix: Solid **Sample ID:** Q1858-01 **Client ID:** COMP-1DUP

Percent Solids for Sample: 83.9 **Duplicate ID** Q1858-01DUP **Percent Solids for Spike Sample:** 83.9

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	24600		22800		8		P
Antimony	mg/Kg	20	2.82	U	2.77	U			P
Arsenic	mg/Kg	20	5.92		5.61		5		P
Barium	mg/Kg	20	146		138		6		P
Beryllium	mg/Kg	20	2.29		1.89		19		P
Cadmium	mg/Kg	20	3.68		2.74		29	*	P
Calcium	mg/Kg	20	1440		1730		18		P
Chromium	mg/Kg	20	57.6		50.4		13		P
Cobalt	mg/Kg	20	34.6		31.6		9		P
Copper	mg/Kg	20	71.3		64.0		11		P
Iron	mg/Kg	20	45400		42000		8		P
Lead	mg/Kg	20	24.7		25.1		2		P
Manganese	mg/Kg	20	401		366		9		P
Molybdenum	mg/Kg	20	7.80	J	7.77	J	0		P
Nickel	mg/Kg	20	35.3		33.9		4		P
Selenium	mg/Kg	20	1.13	U	1.11	U			P
Silver	mg/Kg	20	0.65		0.85		26		P
Thallium	mg/Kg	20	2.26	U	2.22	U			P
Vanadium	mg/Kg	20	124		109		13		P
Zinc	mg/Kg	20	92.7		88.6		5		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Kleinfelder **Level:** LOW **SDG No.:** Q1858

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1858 **SAS No.:** Q1858

Matrix: Solid **Sample ID:** Q1858-01MS **Client ID:** COMP-1MSD

Percent Solids for Sample: 83.9 **Duplicate ID** Q1858-01MSD **Percent Solids for Spike Sample:** 83.9

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	22800		23100		1		P
Antimony	mg/Kg	20	9.38		10.2		8		P
Arsenic	mg/Kg	20	31.2		32.7		5		P
Barium	mg/Kg	20	151		154		2		P
Beryllium	mg/Kg	20	8.03		8.20		2		P
Cadmium	mg/Kg	20	13.3		13.1		2		P
Calcium	mg/Kg	20	1180		1500		24	*	P
Chromium	mg/Kg	20	61.1		63.0		3		P
Cobalt	mg/Kg	20	43.4		44.4		2		P
Copper	mg/Kg	20	76.9		82.9		8		P
Iron	mg/Kg	20	39600		41700		5		P
Lead	mg/Kg	20	71.9		76.2		6		P
Manganese	mg/Kg	20	362		408		12		P
Molybdenum	mg/Kg	20	19.6		21.8		11		P
Nickel	mg/Kg	20	58.8		59.4		1		P
Selenium	mg/Kg	20	60.2		63.4		5		P
Silver	mg/Kg	20	3.19		3.50		9		P
Thallium	mg/Kg	20	90.4		93.2		3		P
Vanadium	mg/Kg	20	120		120		0		P
Zinc	mg/Kg	20	93.3		165		56	*	P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Kleinfelder **SDG No.:** Q1858

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1858 **SAS No.:** Q1858

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167713BS							
Aluminum	mg/Kg	92.6	87.2		94	80 - 120	P
Antimony	mg/Kg	37.0	39.1		106	80 - 120	P
Arsenic	mg/Kg	37.0	37.8		102	80 - 120	P
Barium	mg/Kg	9.3	8.71		94	80 - 120	P
Beryllium	mg/Kg	9.3	8.62		93	80 - 120	P
Cadmium	mg/Kg	9.3	9.35		100	80 - 120	P
Calcium	mg/Kg	46.3	45.3	J	98	80 - 120	P
Chromium	mg/Kg	18.5	18.7		101	80 - 120	P
Cobalt	mg/Kg	9.3	9.05		97	80 - 120	P
Copper	mg/Kg	13.9	14.2		102	80 - 120	P
Iron	mg/Kg	140	146		104	80 - 120	P
Lead	mg/Kg	46.3	46.3		100	80 - 120	P
Manganese	mg/Kg	9.3	9.15		98	80 - 120	P
Molybdenum	mg/Kg	18.5	19.6		106	80 - 120	P
Nickel	mg/Kg	23.1	22.8		99	80 - 120	P
Selenium	mg/Kg	92.6	95.4		103	80 - 120	P
Silver	mg/Kg	3.5	3.49		100	80 - 120	P
Thallium	mg/Kg	92.6	93.4		101	80 - 120	P
Vanadium	mg/Kg	13.9	13.4		96	80 - 120	P
Zinc	mg/Kg	9.3	9.55		103	80 - 120	P

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Kleinfelder **SDG No.:** Q1858

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1858 **SAS No.:** Q1858

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167718BS							
Mercury	mg/Kg	0.26	0.25		94	80 - 120	CV

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ICP SERIAL DILUTIONS

SAMPLE NO.

ETGI-354L

Lab Name: Chemtech Consulting Group **Contract:** POWE02

Lab Code: CHEM **Lb No.:** lb135540 **Lab Sample ID :** Q1852-01L **SDG No.:** Q1858

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

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Mercury	0.014	U	0.070	U			CV

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

COMP-1L

Lab Name: Chemtech Consulting Group **Contract:** POWE02

Lab Code: CHEM **Lb No.:** lb135538 **Lab Sample ID :** Q1858-01L **SDG No.:** Q1858

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

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	24600		33700		37		P
Antimony	2.82	U	14.1	U			P
Arsenic	5.92		7.96		35		P
Barium	146		202		38		P
Beryllium	2.29		3.20		40		P
Cadmium	3.68		1.69	U	100.0		P
Calcium	1440		2000		39		P
Chromium	57.6		84.2		46		P
Cobalt	34.6		34.4		0		P
Copper	71.3		106		48		P
Iron	45400		69100		52		P
Lead	24.7		25.3		2		P
Manganese	401		575		44		P
Molybdenum	7.80	J	10.9	J	39		P
Nickel	35.3		37.1		5		P
Selenium	1.13	U	5.65	U			P
Silver	0.65		1.70	J	161		P
Thallium	2.26	U	11.3	U			P
Vanadium	124		178		43		P
Zinc	92.7		133		44		P

METAL PREPARATION & INSTRUMENT DATA

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ICP INTERELEMENT CORRECTION FACTORS

Client: Kleinfelder **SDG No.:** Q1858

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1858 **SAS No.:** Q1858

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
Aluminum	396.100	0.0000000	-0.0002060	0.0000000	0.0000000	0.0000000
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
Calcium	373.690	0.0000000	0.0000000	-0.0075970	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
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
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

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ICP INTERELEMENT CORRECTION FACTORS

Client: Kleinfelder **SDG No.:** Q1858

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1858 **SAS No.:** Q1858

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
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
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
Calcium	373.690	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	0.0000000	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
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
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

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ICP INTERELEMENT CORRECTION FACTORS

Client: Kleinfelder **SDG No.:** Q1858

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1858 **SAS No.:** Q1858

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
Aluminum	396.100	0.0000000	0.0000000	0.0000590	0.0000000	0.0396900
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
Calcium	373.690	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
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
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

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ICP INTERELEMENT CORRECTION FACTORS

Client: Kleinfelder **SDG No.:** Q1858

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1858 **SAS No.:** Q1858

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
Aluminum	396.100	0.0000000	0.0000000	0.0012800	0.0000000	0.0000000
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
Calcium	373.690	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
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
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

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ICP INTERELEMENT CORRECTION FACTORS

Client: Kleinfelder **SDG No.:** Q1858

Contract: POWE02 **Lab Code:** CHEM **Case No.:** Q1858 **SAS No.:** Q1858

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
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
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
Calcium	373.690	0.0000000	0.0000000	0.0000000	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
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
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

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SAMPLE PREPARATION SUMMARY

Client: Kleinfelder **SDG No.:** Q1858

Contract: POWE02 **Lab Code:** CHEM **Method:**

Case No.: Q1858 **SAS No.:** Q1858

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB167713**						
PB167713BL	PB167713BL	MB	SOLID	04/23/2025	2.01	100.0	100.00
PB167713BS	PB167713BS	LCS	SOLID	04/23/2025	2.16	100.0	100.00
Q1858-01	COMP-1	SAM	SOLID	04/23/2025	2.11	100.0	83.90
Q1858-01DUP	COMP-1DUP	DUP	SOLID	04/23/2025	2.15	100.0	83.90
Q1858-01MS	COMP-1MS	MS	SOLID	04/23/2025	2.17	100.0	83.90
Q1858-01MSD	COMP-1MSD	MSD	SOLID	04/23/2025	2.11	100.0	83.90
Q1858-02	COMP-2	SAM	SOLID	04/23/2025	2.18	100.0	81.30
Q1858-03	COMP-3	SAM	SOLID	04/23/2025	2.25	100.0	91.10

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Fax : 908 789 8922

Metals
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SAMPLE PREPARATION SUMMARY

Client: Kleinfelder **SDG No.:** Q1858

Contract: POWE02 **Lab Code:** CHEM **Method:**

Case No.: Q1858 **SAS No.:** Q1858

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB167718**						
PB167718BL	PB167718BL	MB	SOLID	04/23/2025	0.55	35.0	100.00
PB167718BS	PB167718BS	LCS	SOLID	04/23/2025	0.53	35.0	100.00
Q1852-01DUP	ETGI-354DUP	DUP	SOLID	04/23/2025	0.58	35.0	92.50
Q1852-01MS	ETGI-354MS	MS	SOLID	04/23/2025	0.56	35.0	92.50
Q1852-01MSD	ETGI-354MSD	MSD	SOLID	04/23/2025	0.56	35.0	92.50
Q1858-01	COMP-1	SAM	SOLID	04/23/2025	0.56	35.0	83.90
Q1858-02	COMP-2	SAM	SOLID	04/23/2025	0.54	35.0	81.30
Q1858-03	COMP-3	SAM	SOLID	04/23/2025	0.52	35.0	91.10

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metals
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ANALYSIS RUN LOG

Client: Kleinfelder **Contract:** POWE02

Lab code: CHEM **Case no.:** Q1858 **Sas no.:** Q1858 **Sdg no.:** Q1858

Instrument id number: **Method:** **Run number:** LB135538

Start date: 04/23/2025 **End date:** 04/23/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1439	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1443	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1447	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1452	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1456	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1500	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1529	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1544	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1549	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1553	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1558	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1602	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1615	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1619	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
PB167713BL	PB167713BL	1	1623	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
PB167713BS	PB167713BS	1	1627	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q1858-01	COMP-1	1	1656	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q1858-01DUP	COMP-1DUP	1	1700	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1705	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1709	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q1858-01L	COMP-1L	5	1713	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q1858-01MS	COMP-1MS	1	1717	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q1858-01MSD	COMP-1MSD	1	1722	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q1858-01A	COMP-1A	1	1726	Ag,As,Be,Cr,Mo,Sb,Se
Q1858-02	COMP-2	1	1730	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
Q1858-03	COMP-3	1	1734	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1755	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1759	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1838	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1842	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn

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metals
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ANALYSIS RUN LOG

Client: Kleinfelder **Contract:** POWE02

Lab code: CHEM **Case no.:** Q1858 **Sas no.:** Q1858 **Sdg no.:** Q1858

Instrument id number: **Method:** **Run number:** LB135540

Start date: 04/24/2025 **End date:** 04/24/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0745	HG
S0.2	S0.2	1	0748	HG
S2.5	S2.5	1	0750	HG
S5	S5	1	0752	HG
S7.5	S7.5	1	0754	HG
S10	S10	1	0800	HG
ICV99	ICV99	1	0803	HG
ICB99	ICB99	1	0805	HG
CCV17	CCV17	1	0807	HG
CCB17	CCB17	1	0810	HG
CRA	CRA	1	0812	HG
PB167718BL	PB167718BL	1	0822	HG
PB167718BS	PB167718BS	1	0824	HG
Q1852-01DUP	ETGI-354DUP	1	0831	HG
Q1852-01MS	ETGI-354MS	1	0834	HG
Q1852-01MSD	ETGI-354MSD	1	0836	HG
CCV18	CCV18	1	0841	HG
CCB18	CCB18	1	0843	HG
Q1858-01	COMP-1	1	0857	HG
Q1858-02	COMP-2	1	0859	HG
Q1858-03	COMP-3	1	0901	HG
CCV19	CCV19	1	0908	HG
CCB19	CCB19	1	0910	HG
Q1852-01L	ETGI-354L	5	0915	HG
CCV20	CCV20	1	0919	HG
CCB20	CCB20	1	0922	HG

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Metals
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ANALYSIS RUN LOG

Client: Kleinfelder **Contract:** POWE02

Lab Code: CHEM **Case No.:** Q1858 **SAS No.:** Q1858 **SDG No.:** Q1858

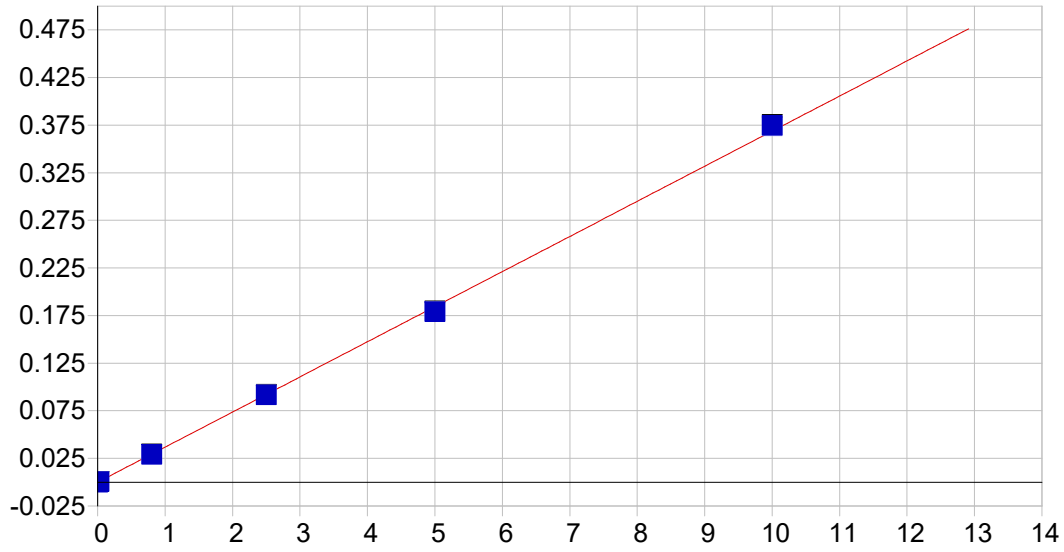
Instrument ID Number: _____ **Method:** _____ **Run Number:** _____

Start Date: _____ **End Date:** _____

EPA Sample No.	D/F	Time	% R	Analytes																											
				B	AU	LI	MO	OS	PD	P	PT	SI	S	SN	SR	TI	U	W	IN												

METAL
RAW DATA

Reviewed By:
On:
Inst Id :P4
LB :LB135538



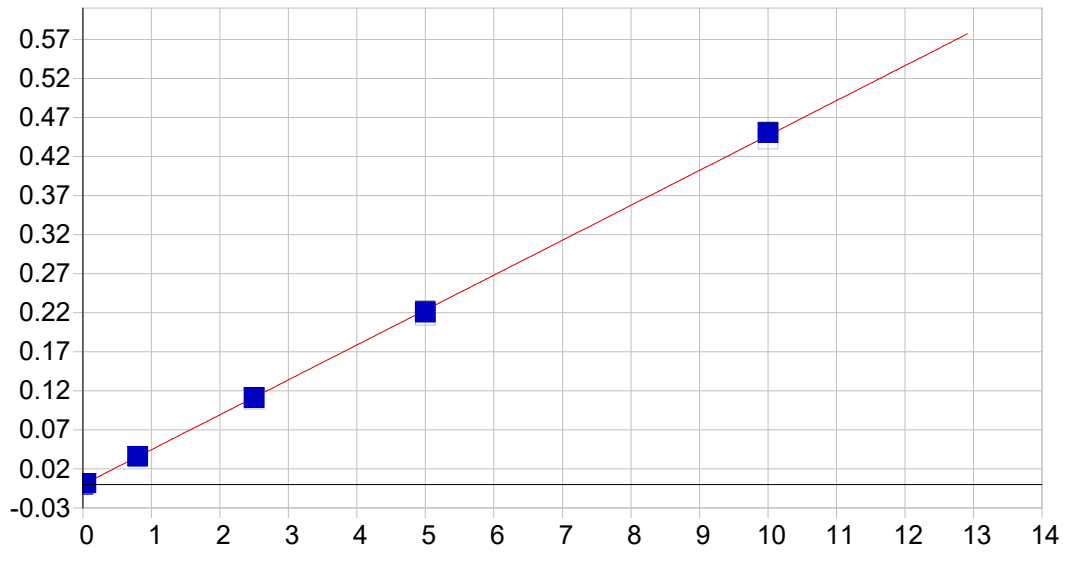
As 189.042 {479}

Date of Fit:	4/24/2025 13:35:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000074	Re-Slope:	1.000000
A1 (Gain):	0.036880	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999819	Status:	OK.
Std Error of Est:	0.000016		
Predicted MDL:	0.003547		
Predicted MQL:	0.011825		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00007	.000	1
S1	.02000	.01868	-.001	-6.61	.00061	.000	1
S3	2.5000	2.4906	-.009	-.377	.09168	.000	1
S4	5.0000	4.8585	-.141	-2.83	.17891	.001	1
S5	10.000	10.157	.157	1.57	.37411	.001	1
S2	.80000	.79566	-.004	-.542	.02924	.000	1

Reviewed By:
On:
Inst Id :P4
LB :LB135538



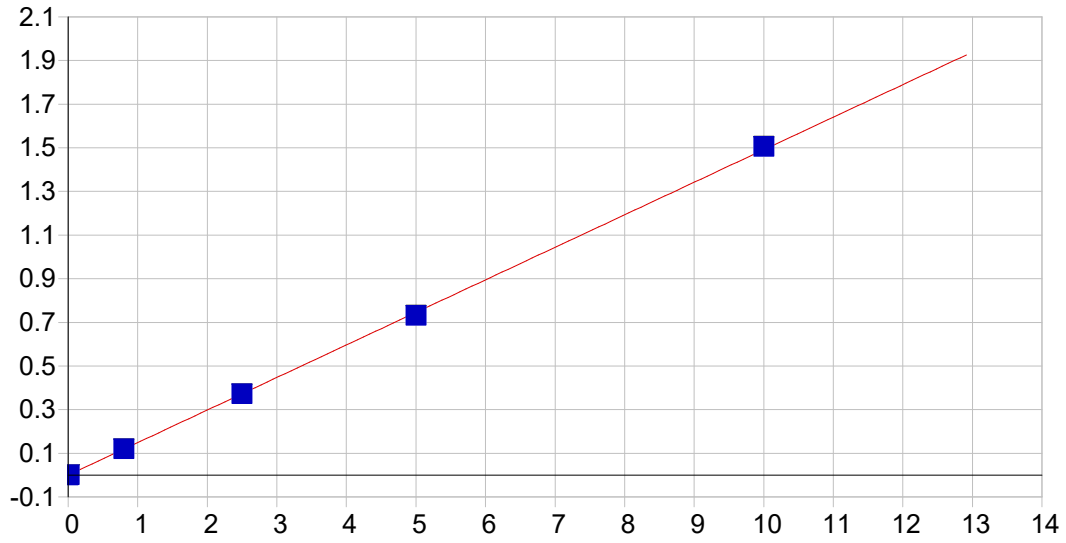
Tl 190.856 {477}

Date of Fit:	4/24/2025 13:35:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000112	Re-Slope:	1.000000
A1 (Gain):	0.044693	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999947	Status:	OK.
Std Error of Est:	0.000015		
Predicted MDL:	0.002498		
Predicted MQL:	0.008328		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00011	.000	1
S1	.04000	.04303	.003	7.56	.00170	.000	1
S3	2.5000	2.4848	-.015	-.607	.10888	.000	1
S4	5.0000	4.9318	-.068	-1.36	.21619	.002	1
S5	10.000	10.077	.077	.774	.44205	.001	1
S2	.80000	.80315	.003	.394	.03512	.000	1

Reviewed By:
On:
Inst Id :P4
LB :LB135538



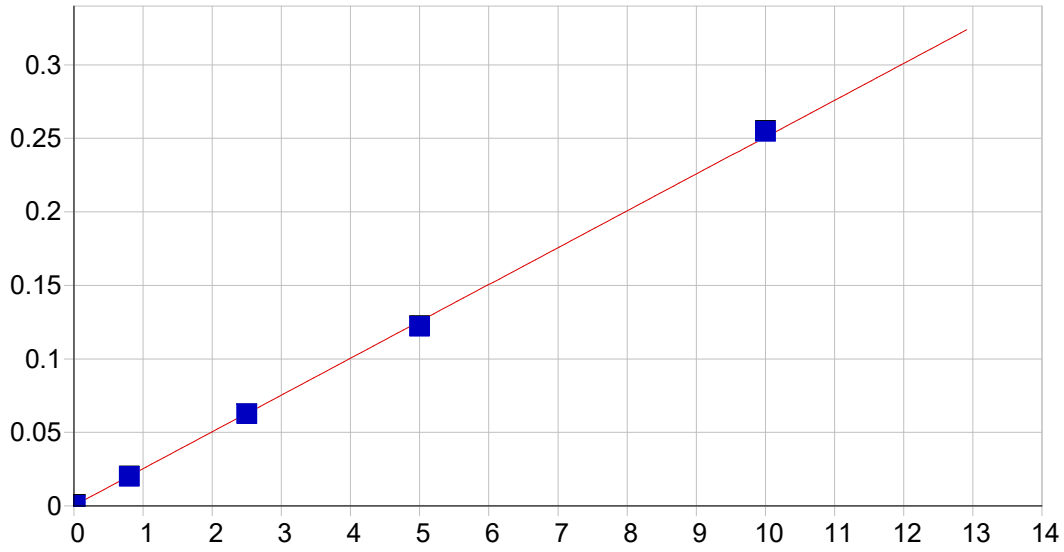
Pb 220.353 {453}

Date of Fit:	4/24/2025 13:35:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000092	Re-Slope:	1.000000
A1 (Gain):	0.149141	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999923	Status:	OK.
Std Error of Est:	0.000034		
Predicted MDL:	0.001857		
Predicted MQL:	0.006189		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00009	.000	1
S1	.01200	.01092	-.001	-8.97	.00150	.000	1
S3	2.5000	2.4949	-.005	-.205	.37161	.001	1
S4	5.0000	4.9064	-.094	-1.87	.73088	.001	1
S5	10.000	10.098	.098	.979	1.5044	.002	1
S2	.80000	.80196	.002	.245	.11939	.000	1

Reviewed By:
On:
Inst Id :P4
LB :LB135538



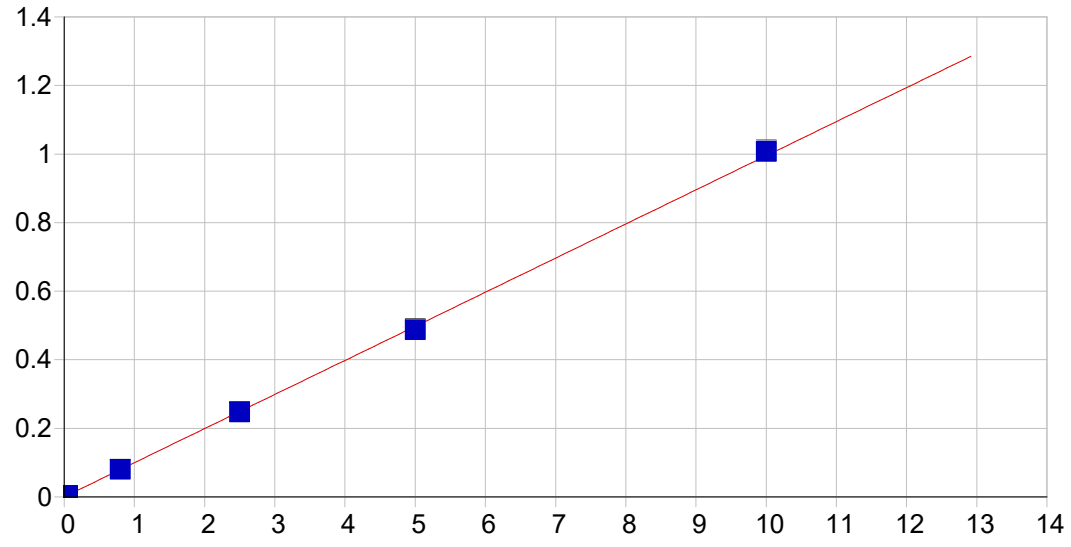
Se 196.090 {472}

Date of Fit:	4/24/2025 13:35:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000263	Re-Slope:	1.000000
A1 (Gain):	0.025054	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999831	Status:	OK.
Std Error of Est:	0.000011		
Predicted MDL:	0.006050		
Predicted MQL:	0.020167		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00026	.000	1
S1	.02000	.01858	-.001	-7.09	.00073	.000	1
S3	2.5000	2.4952	-.005	-.193	.06274	.000	1
S4	5.0000	4.8633	-.137	-2.73	.12203	.000	1
S5	10.000	10.150	.150	1.50	.25440	.001	1
S2	.80000	.79272	-.007	-.910	.02011	.000	1

Reviewed By:
On:
Inst Id :P4
LB :LB135538



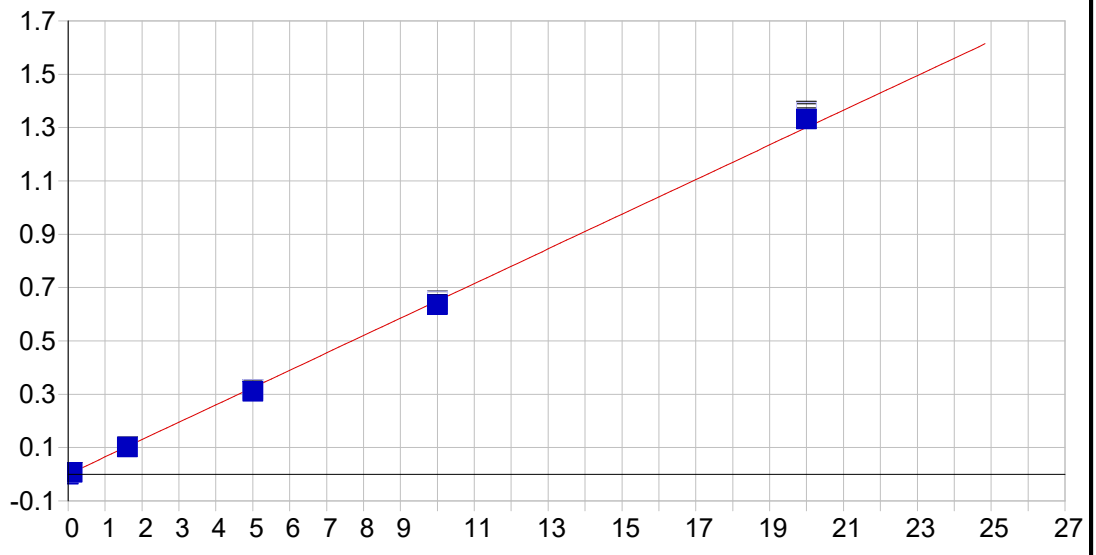
Sb 206.833 {463}

Date of Fit:	4/24/2025 13:35:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000249	Re-Slope:	1.000000
A1 (Gain):	0.099473	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999896	Status:	OK.
Std Error of Est:	0.000053		
Predicted MDL:	0.002436		
Predicted MQL:	0.008122		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00025	.000	1
S1	.05000	.05234	.002	4.69	.00547	.000	1
S3	2.5000	2.4815	-.019	-.741	.24776	.000	1
S4	5.0000	4.8956	-.104	-2.09	.48858	.002	1
S5	10.000	10.118	.118	1.18	1.0094	.002	1
S2	.80000	.80244	.002	.305	.08029	.000	1

Reviewed By:
On:
Inst Id :P4
LB :LB135538



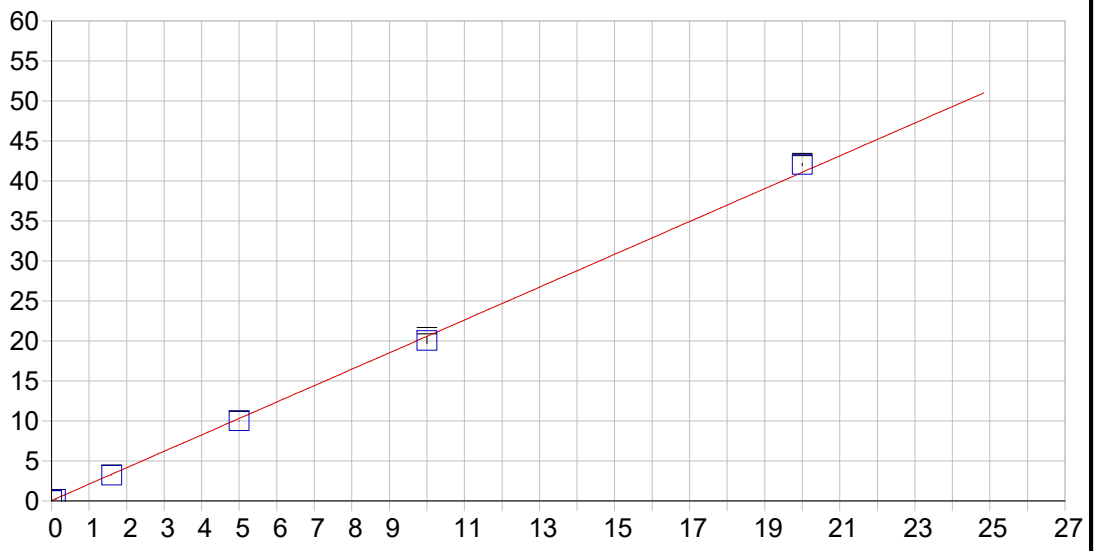
Al 396.152 { 85}

Date of Fit:	4/24/2025 13:35:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000029	Re-Slope:	1.000000
A1 (Gain):	0.065000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999642	Status:	OK.
Std Error of Est:	0.000131		
Predicted MDL:	0.009074		
Predicted MQL:	0.030247		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00003	.000	1
S1	.10000	.09688	-.003	-3.12	.00683	.001	1
S3	5.0000	4.7812	-.219	-4.38	.31711	.001	1
S4	10.000	9.7835	-.216	-2.16	.64857	.001	1
S5	20.000	20.483	.483	2.42	1.3567	.005	1
S2	1.6000	1.5551	-.045	-2.81	.10313	.000	1

Reviewed By:
On:
Inst Id :P4
LB :LB135538



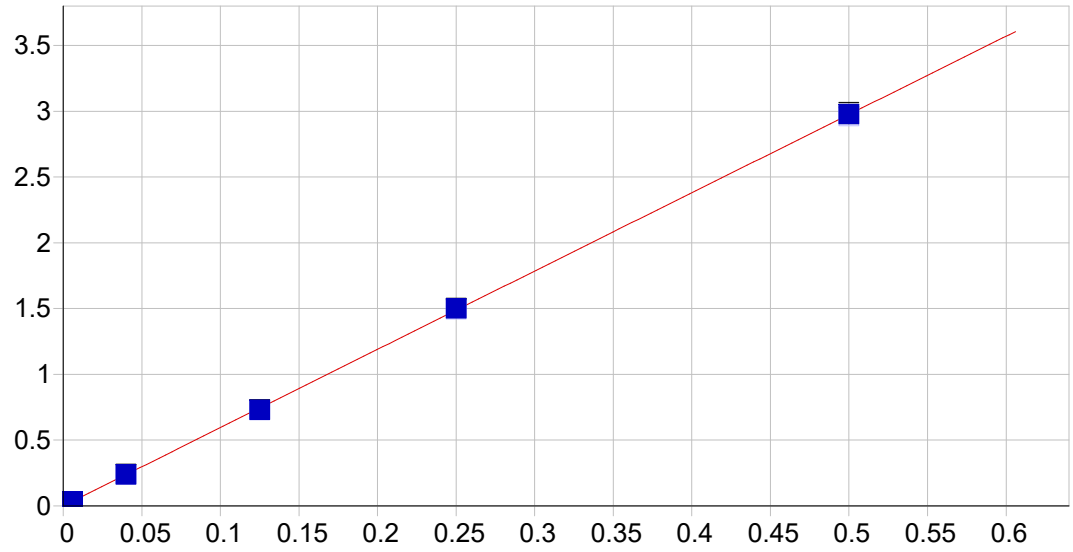
Ba 493.409 { 68}

Date of Fit:	4/24/2025 13:35:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.049936	Re-Slope:	1.000000
A1 (Gain):	2.051552	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999654	Status:	OK.
Std Error of Est:	0.004001		
Predicted MDL:	0.001220		
Predicted MQL:	0.004068		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.04997	.001	1
S1	.10000	.09222	-.008	-7.78	.23912	.004	1
S3	5.0000	4.8428	-.157	-3.14	9.9853	.028	1
S4	10.000	9.7451	-.255	-2.55	20.042	.394	1
S5	20.000	20.476	.476	2.38	42.058	.125	1
S2	1.6000	1.5435	-.056	-3.53	3.2166	.011	1

Reviewed By:
On:
Inst Id :P4
LB :LB135538



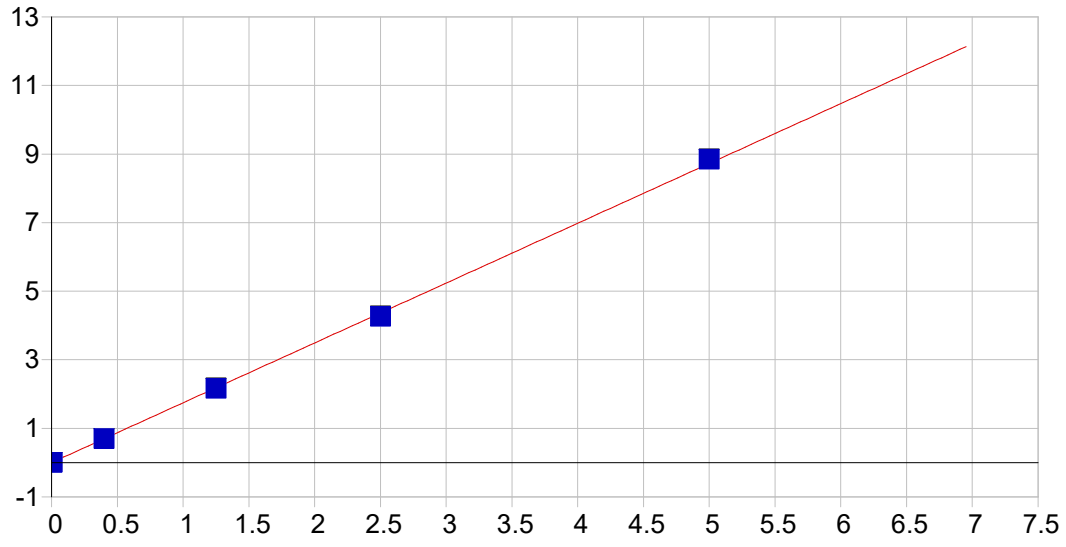
Be 234.861 {144}

Date of Fit:	4/24/2025 13:35:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000309	Re-Slope:	1.000000
A1 (Gain):	5.951232	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999962	Status:	OK.
Std Error of Est:	0.000149		
Predicted MDL:	0.000047		
Predicted MQL:	0.000157		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00031	.000	1
S1	.00600	.00579	-.000	-3.54	.03449	.000	1
S3	.12500	.12266	-.002	-1.87	.72695	.002	1
S4	.25000	.25210	.002	.840	1.4939	.003	1
S5	.50000	.50028	.000	.057	2.9643	.014	1
S2	.04000	.04017	.000	.422	.23830	.002	1

Reviewed By:
On:
Inst Id :P4
LB :LB135538



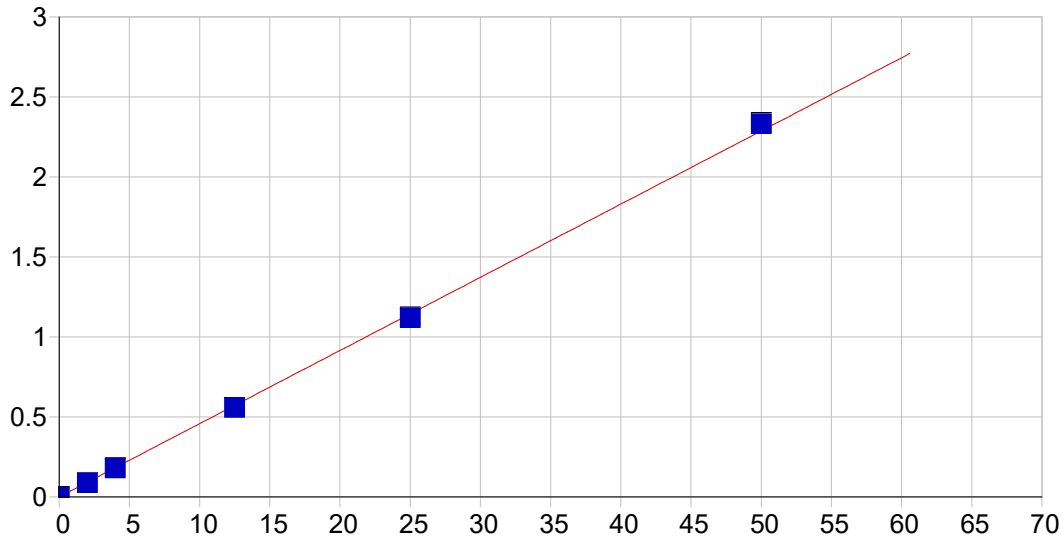
Cd 226.502 {449}

Date of Fit:	4/24/2025 13:35:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000057	Re-Slope:	1.000000
A1 (Gain):	1.745270	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999873	Status:	OK.
Std Error of Est:	0.000253		
Predicted MDL:	0.000109		
Predicted MQL:	0.000363		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00006	.000	1
S1	.00600	.00618	.000	3.01	.01078	.000	1
S3	1.2500	1.2405	-.010	-.762	2.1668	.006	1
S4	2.5000	2.4420	-.058	-2.32	4.2656	.009	1
S5	5.0000	5.0672	.067	1.34	8.8513	.005	1
S2	.40000	.40020	.000	.049	.69901	.001	1

Reviewed By:
On:
Inst Id :P4
LB :LB135538



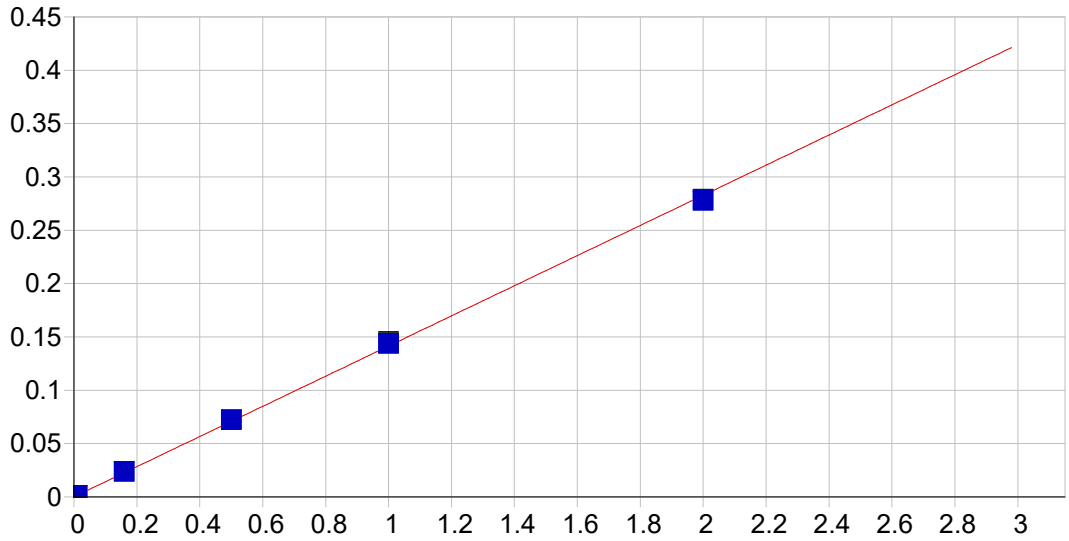
Ca 373.690 { 90}

Date of Fit:	4/24/2025 13:35:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000574	Re-Slope:	1.000000
A1 (Gain):	0.045729	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999769	Status:	OK.
Std Error of Est:	0.000521		
Predicted MDL:	0.011988		
Predicted MQL:	0.039958		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00017	.000	.000	.00058	.001	1
S2	4.0000	3.9416	-.058	-1.46	.18082	.001	1
S3	12.500	12.175	-.325	-2.60	.55732	.001	1
S4	25.000	24.487	-.513	-2.05	1.1204	.003	1
S5	50.000	50.986	.986	1.97	2.3321	.007	1
S1	2.0000	1.9104	-.090	-4.48	.08793	.001	1

Reviewed By:
On:
Inst Id :P4
LB :LB135538



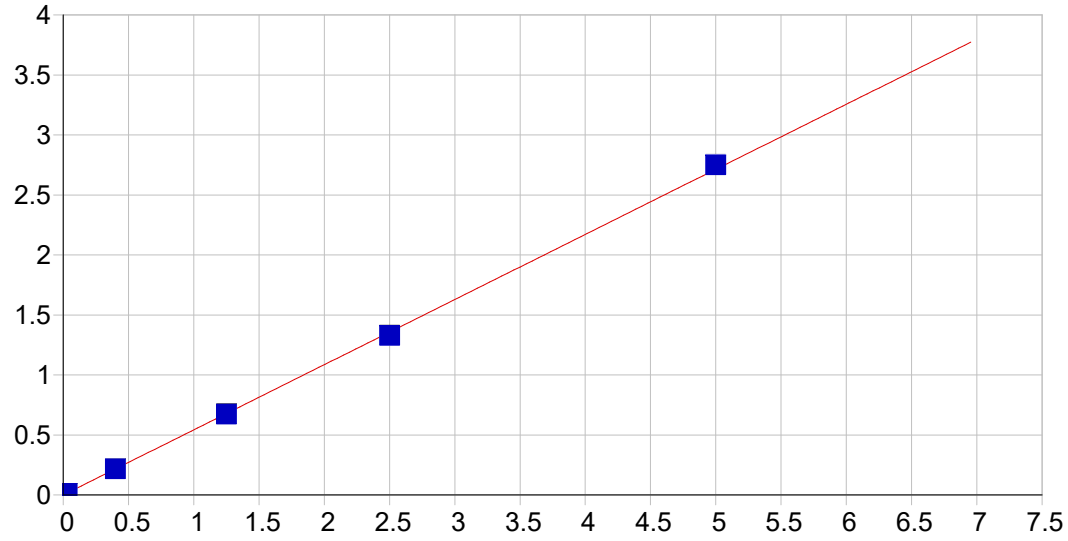
Cr 267.716 {126}

Date of Fit:	4/24/2025 13:35:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000104	Re-Slope:	1.000000
A1 (Gain):	0.141331	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999798	Status:	OK.
Std Error of Est:	0.000021		
Predicted MDL:	0.000468		
Predicted MQL:	0.001559		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00010	.000	1
S1	.01000	.00917	-.001	-8.30	.00140	.000	1
S3	.50000	.51144	.011	2.29	.07241	.000	1
S4	1.0000	1.0167	.017	1.67	.14384	.002	1
S5	2.0000	1.9658	-.034	-1.71	.27802	.001	1
S2	.16000	.16683	.007	4.27	.02369	.000	1

Reviewed By:
On:
Inst Id :P4
LB :LB135538



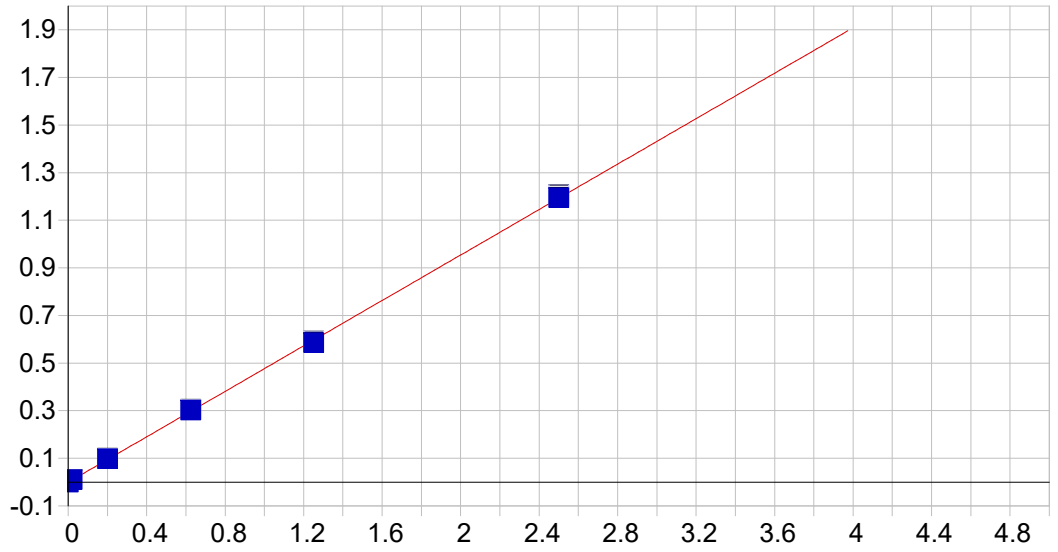
Co 228.616 {448}

Date of Fit:	4/24/2025 13:35:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000024	Re-Slope:	1.000000
A1 (Gain):	0.542603	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999881	Status:	OK.
Std Error of Est:	0.000170		
Predicted MDL:	0.000349		
Predicted MQL:	0.001164		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.000	1
S1	.03000	.02898	-.001	-3.41	.01568	.000	1
S3	1.2500	1.2395	-.011	-.843	.67371	.002	1
S4	2.5000	2.4454	-.055	-2.18	1.3292	.002	1
S5	5.0000	5.0659	.066	1.32	2.7534	.001	1
S2	.40000	.40023	.000	.058	.21756	.001	1

Reviewed By:
On:
Inst Id :P4
LB :LB135538



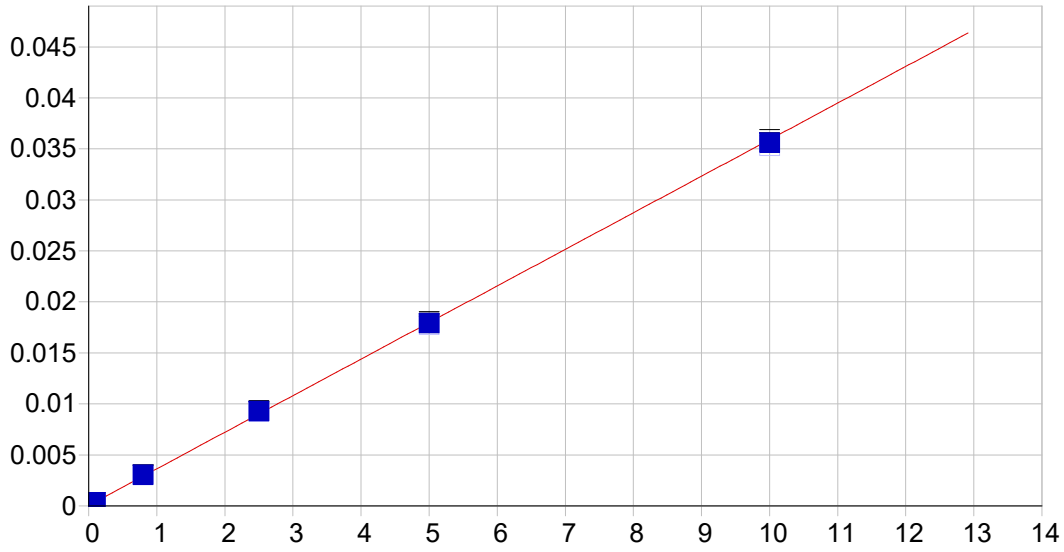
Cu 224.700 {450}

Date of Fit:	4/24/2025 13:35:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000663	Re-Slope:	1.000000
A1 (Gain):	0.477369	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999904	Status:	OK.
Std Error of Est:	0.000079		
Predicted MDL:	0.000551		
Predicted MQL:	0.001838		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00066	.000	1
S1	.02000	.02179	.002	8.93	.00986	.000	1
S3	.62500	.63354	.009	1.37	.30474	.001	1
S4	1.2500	1.2288	-.021	-1.70	.59187	.001	1
S5	2.5000	2.5036	.004	.145	1.2064	.002	1
S2	.20000	.20725	.007	3.62	.09922	.000	1

Reviewed By:
On:
Inst Id :P4
LB :LB135538



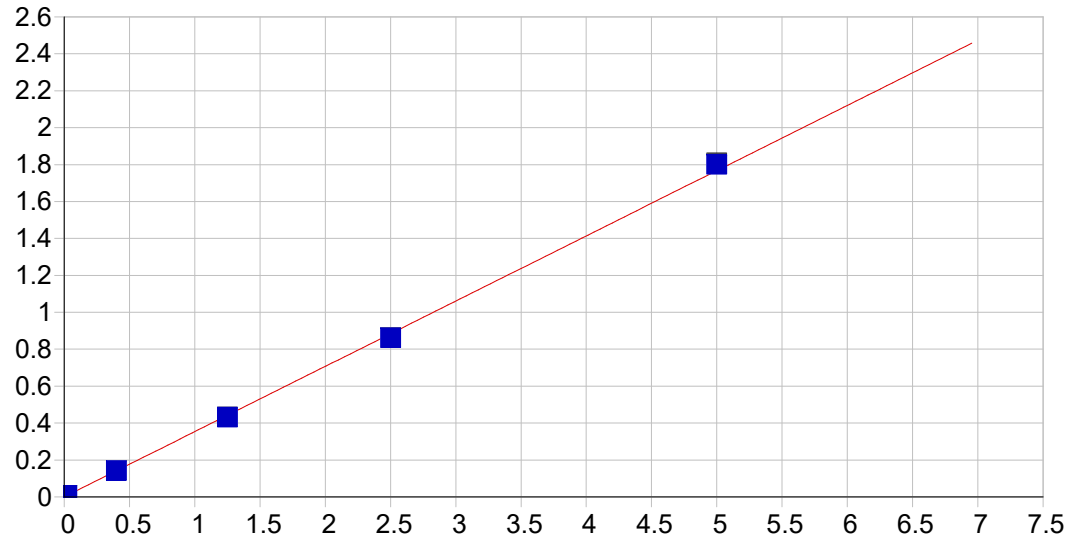
Fe 240.488 {140}

Date of Fit:	4/24/2025 13:35:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000050	Re-Slope:	1.000000
A1 (Gain):	0.003586	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999863	Status:	OK.
Std Error of Est:	0.000003		
Predicted MDL:	0.006110		
Predicted MQL:	0.020368		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.10000	.09311	-.007	-6.89	.00038	.000	1
S3	2.5000	2.5787	.079	3.15	.00922	.000	1
S4	5.0000	4.9813	-.019	-.374	.01776	.000	1
S5	10.000	9.9155	-.084	-.845	.03530	.000	1
S2	.80000	.83131	.031	3.91	.00301	.000	1

Reviewed By:
On:
Inst Id :P4
LB :LB135538



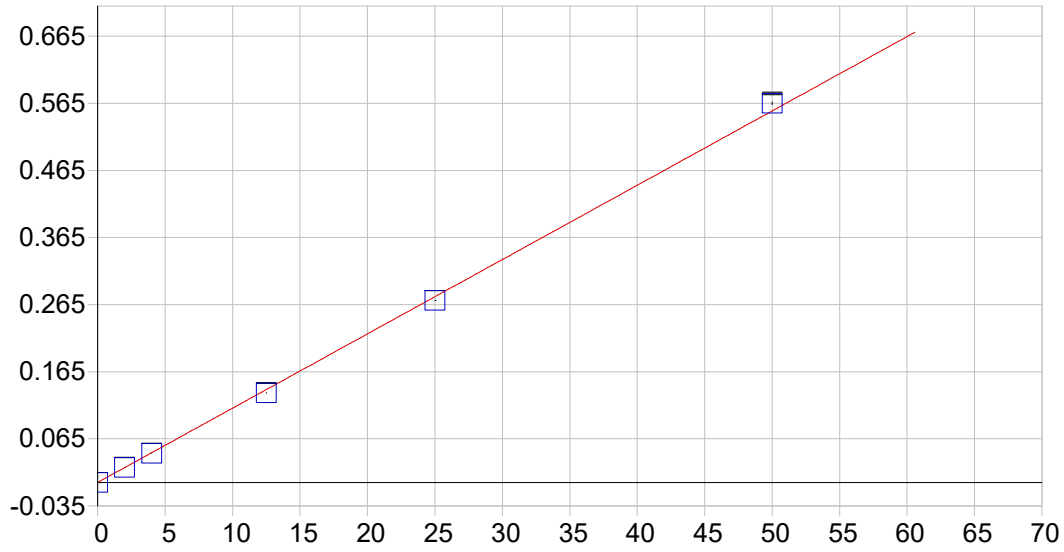
Mn 257.610 {131}

Date of Fit:	4/24/2025 13:35:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000440	Re-Slope:	1.000000
A1 (Gain):	0.353344	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999759	Status:	OK.
Std Error of Est:	0.000129		
Predicted MDL:	0.000555		
Predicted MQL:	0.001850		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00044	.000	1
S1	.02000	.02047	.000	2.37	.00768	.000	1
S3	1.2500	1.2181	-.032	-2.55	.43093	.001	1
S4	2.5000	2.4347	-.065	-2.61	.86092	.002	1
S5	5.0000	5.0975	.097	1.95	1.8020	.006	1
S2	.40000	.39921	-.001	-.197	.14153	.000	1

Reviewed By:
On:
Inst Id :P4
LB :LB135538



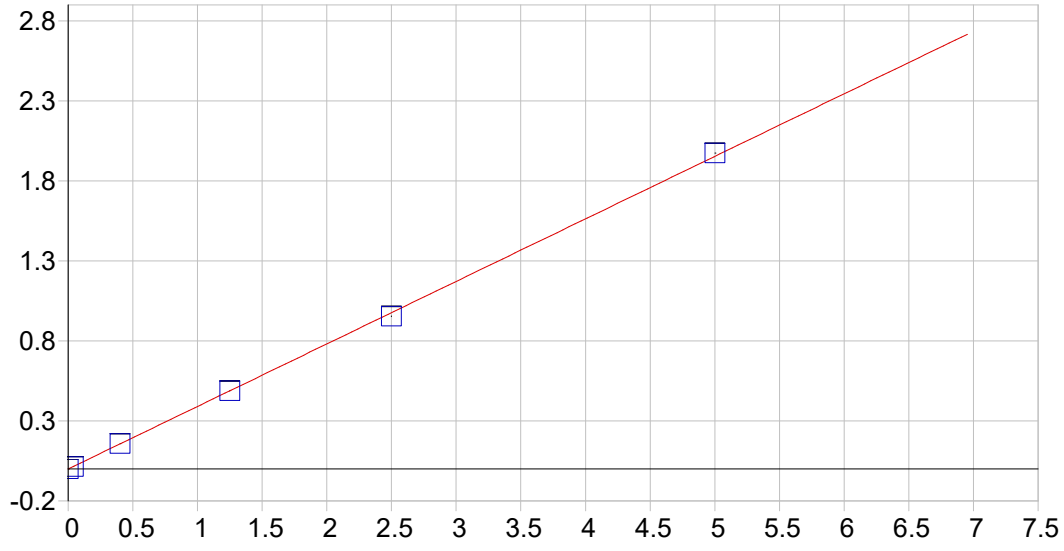
Mg 279.079 {121}

Date of Fit:	4/24/2025 13:35:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000100	Re-Slope:	1.000000
A1 (Gain):	0.011076	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999729	Status:	OK.
Std Error of Est:	0.000136		
Predicted MDL:	0.020051		
Predicted MQL:	0.066835		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	-.00010	.000	1
S2	4.0000	3.9175	-.083	-2.06	.04329	.000	1
S3	12.500	12.036	-.464	-3.71	.13322	.000	1
S4	25.000	24.493	-.507	-2.03	.27119	.000	1
S5	50.000	51.024	1.02	2.05	.56506	.002	1
S1	2.0000	2.0294	.029	1.47	.02238	.000	1

Reviewed By:
On:
Inst Id :P4
LB :LB135538



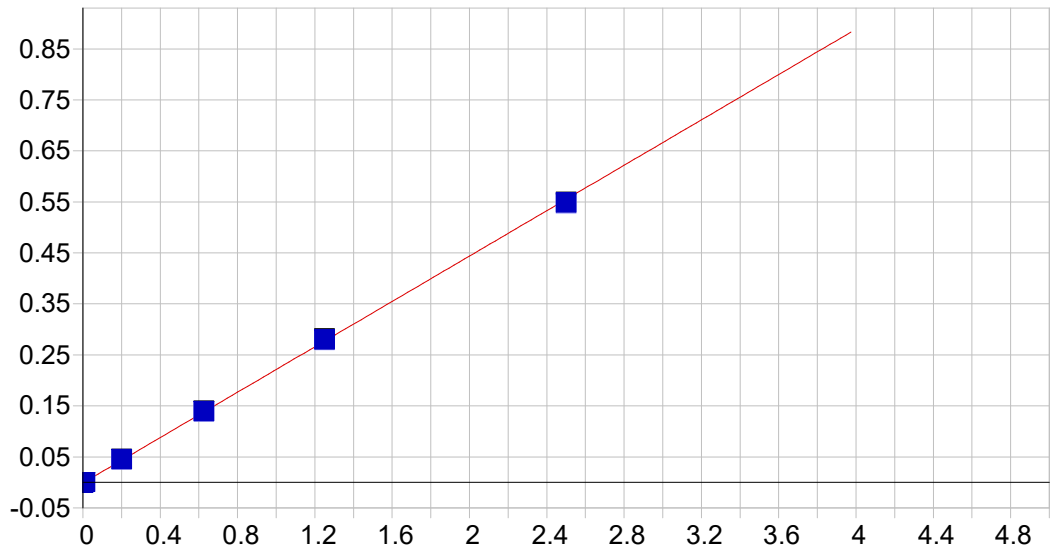
Ni 231.604 {446}

Date of Fit:	4/24/2025 13:35:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000333	Re-Slope:	1.000000
A1 (Gain):	0.390764	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999896	Status:	OK.
Std Error of Est:	0.000132		
Predicted MDL:	0.000441		
Predicted MQL:	0.001469		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00033	.000	1
S1	.04000	.03904	-.001	-2.40	.01492	.000	1
S3	1.2500	1.2499	-.000	-.008	.48808	.002	1
S4	2.5000	2.4436	-.056	-2.25	.95456	.002	1
S5	5.0000	5.0535	.053	1.07	1.9744	.000	1
S2	.40000	.40393	.004	.982	.15751	.000	1

Reviewed By:
On:
Inst Id :P4
LB :LB135538



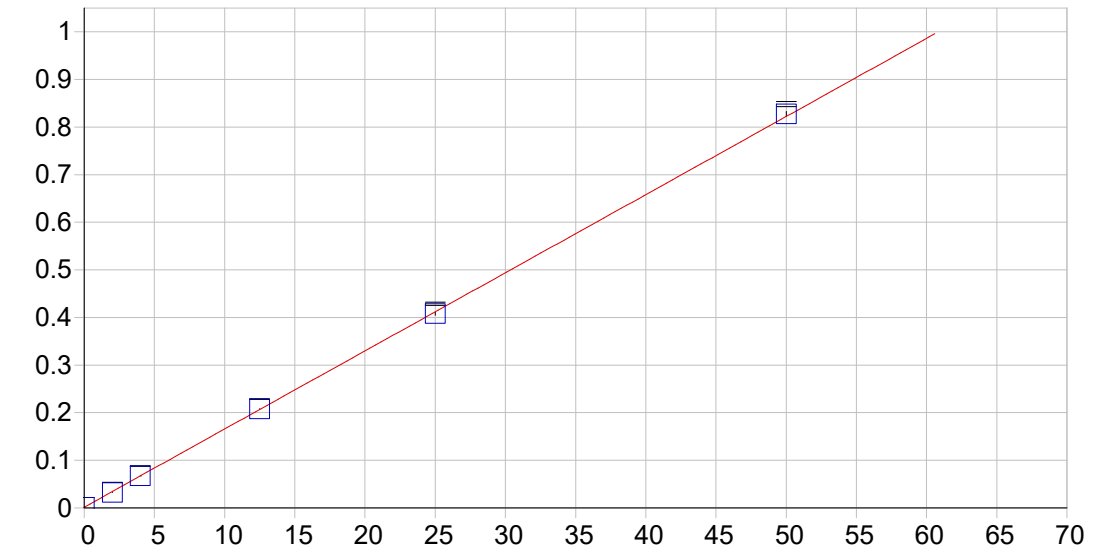
Ag 328.068 {103}

Date of Fit:	4/24/2025 13:35:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001115	Re-Slope:	1.000000
A1 (Gain):	0.222452	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999898	Status:	OK.
Std Error of Est:	0.000026		
Predicted MDL:	0.000419		
Predicted MQL:	0.001398		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00112	.000	1
S1	.01000	.00973	-.000	-2.72	.00103	.000	1
S3	.62500	.63287	.008	1.26	.13912	.000	1
S4	1.2500	1.2632	.013	1.05	.27877	.002	1
S5	2.5000	2.4709	-.029	-1.16	.54634	.001	1
S2	.20000	.20832	.008	4.16	.04505	.000	1

Reviewed By:
On:
Inst Id :P4
LB :LB135538



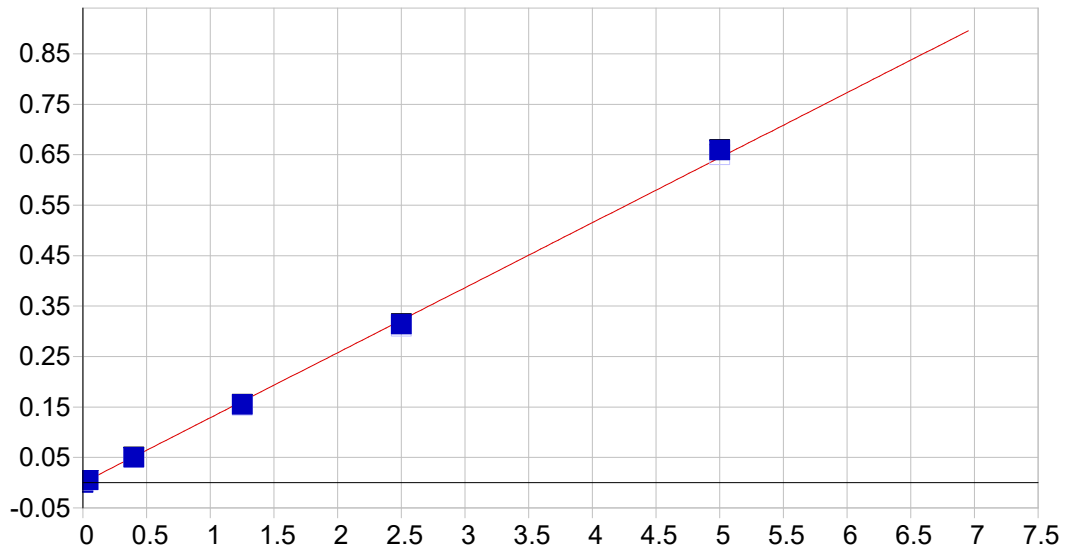
Na 589.592 { 57}

Date of Fit:	4/24/2025 13:35:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001667	Re-Slope:	1.000000
A1 (Gain):	0.016410	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999936	Status:	OK.
Std Error of Est:	0.000098		
Predicted MDL:	0.011797		
Predicted MQL:	0.039322		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00012	.000	.000	.00167	.000	1
S2	4.0000	3.9923	-.008	-.194	.06718	.000	1
S3	12.500	12.544	.044	.352	.20751	.001	1
S4	25.000	24.757	-.243	-.971	.40792	.004	1
S5	50.000	50.327	.327	.654	.82752	.005	1
S1	2.0000	1.8794	-.121	-6.03	.03251	.000	1

Reviewed By:
On:
Inst Id :P4
LB :LB135538



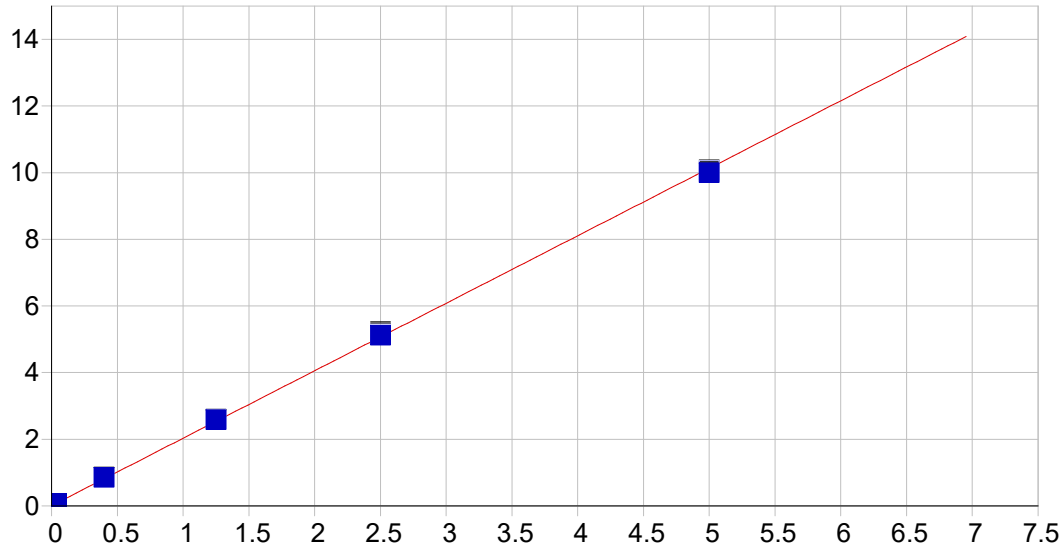
V 292.402 {115}

Date of Fit:	4/24/2025 13:35:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000092	Re-Slope:	1.000000
A1 (Gain):	0.128865	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999663	Status:	OK.
Std Error of Est:	0.000077		
Predicted MDL:	0.001955		
Predicted MQL:	0.006517		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00009	.000	1
S1	.04000	.03982	-.000	-.462	.00485	.000	1
S3	1.2500	1.2036	-.046	-3.71	.15267	.000	1
S4	2.5000	2.4403	-.060	-2.39	.30968	.001	1
S5	5.0000	5.1154	.115	2.31	.64970	.001	1
S2	.40000	.39083	-.009	-2.29	.04952	.001	1

Reviewed By:
On:
Inst Id :P4
LB :LB135538



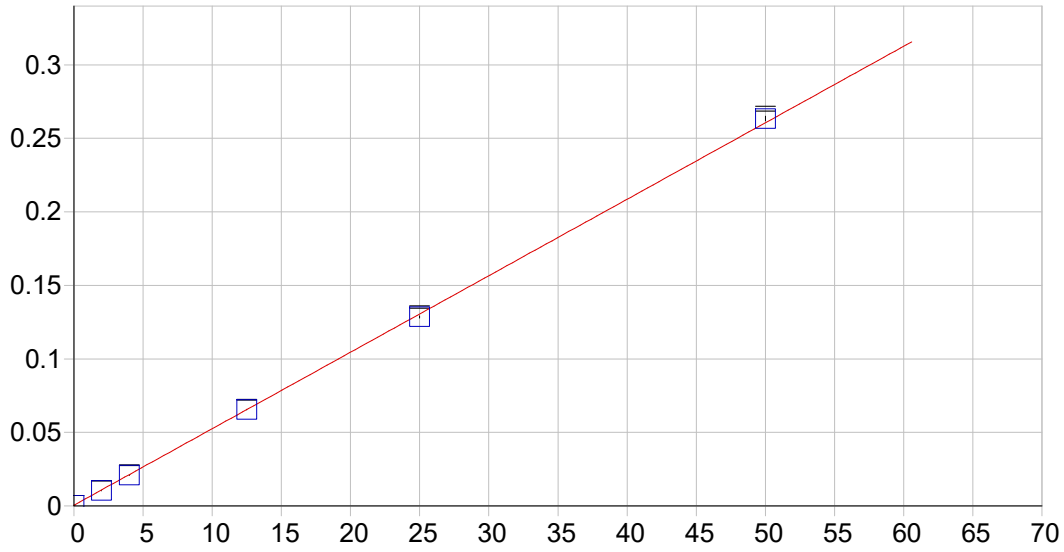
Zn 213.856 {158}

Date of Fit:	4/24/2025 13:35:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.004826	Re-Slope:	1.000000
A1 (Gain):	2.025588	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999866	Status:	OK.
Std Error of Est:	0.000784		
Predicted MDL:	0.000402		
Predicted MQL:	0.001341		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00482	.000	1
S1	.04000	.04068	.001	1.71	.08780	.001	1
S3	1.2500	1.2723	.022	1.78	2.5995	.003	1
S4	2.5000	2.5266	.027	1.06	5.1579	.064	1
S5	5.0000	4.9317	-.068	-1.37	10.065	.019	1
S2	.40000	.41871	.019	4.68	.85860	.005	1

Reviewed By:
On:
Inst Id :P4
LB :LB135538



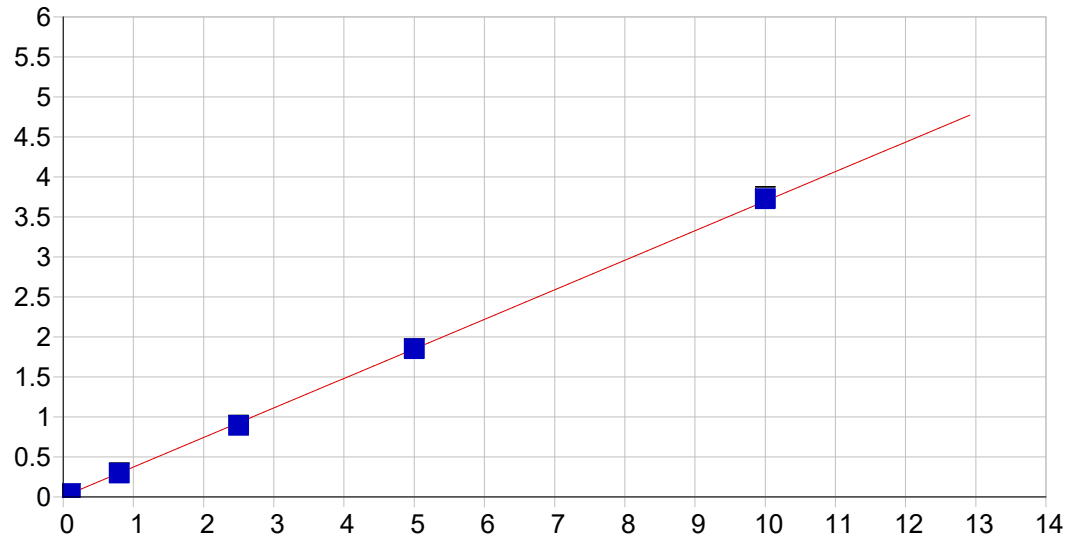
K 766.490 { 44}

Date of Fit:	4/24/2025 13:35:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000494	Re-Slope:	1.000000
A1 (Gain):	0.005202	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999901	Status:	OK.
Std Error of Est:	0.000039		
Predicted MDL:	0.039620		
Predicted MQL:	0.132067		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00015	.000	.000	.00049	.000	1
S2	4.0000	3.9310	-.069	-1.72	.02094	.000	1
S3	12.500	12.496	-.004	-.031	.06550	.000	1
S4	25.000	24.625	-.375	-1.50	.12860	.001	1
S5	50.000	50.553	.553	1.11	.26348	.002	1
S1	2.0000	1.8945	-.106	-5.28	.01035	.000	1

Reviewed By:
On:
Inst Id :P4
LB :LB135538



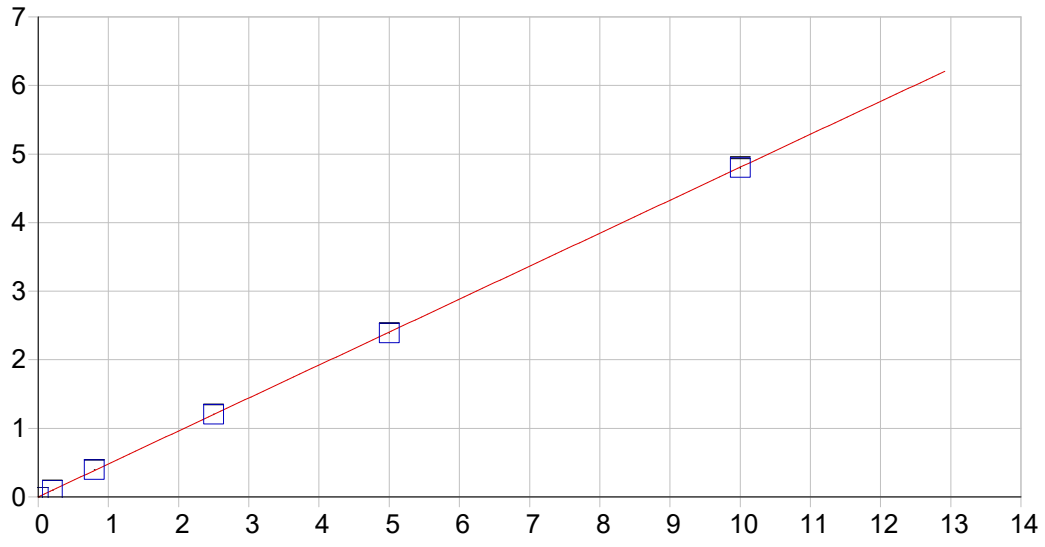
B 249.678 {135}

Date of Fit:	4/24/2025 13:35:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003453	Re-Slope:	1.000000
A1 (Gain):	0.369267	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999893	Status:	OK.
Std Error of Est:	0.000283		
Predicted MDL:	0.000827		
Predicted MQL:	0.002756		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00345	.000	1
S1	.10000	.10015	.000	.148	.04028	.000	1
S3	2.5000	2.4114	-.089	-3.54	.89209	.003	1
S4	5.0000	5.0062	.006	.124	1.8485	.006	1
S5	10.000	10.086	.086	.865	3.7208	.027	1
S2	.80000	.79579	-.004	-.526	.29674	.001	1

Reviewed By:
On:
Inst Id :P4
LB :LB135538



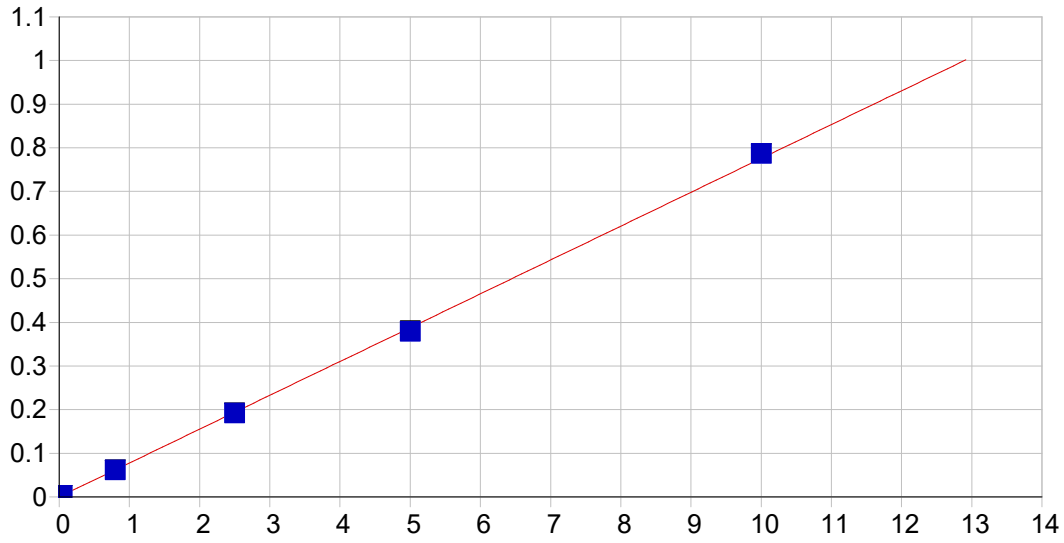
Mo 202.030 {467}

Date of Fit:	4/24/2025 13:35:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000247	Re-Slope:	1.000000
A1 (Gain):	0.480650	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999970	Status:	OK.
Std Error of Est:	0.000279		
Predicted MDL:	0.000370		
Predicted MQL:	0.001233		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00024	.000	1
S1	.20000	.20693	.007	3.47	.09971	.001	1
S3	2.5000	2.5058	.006	.234	1.2047	.003	1
S4	5.0000	4.9717	-.028	-.567	2.3899	.005	1
S5	10.000	9.9919	-.008	-.081	4.8028	.013	1
S2	.80000	.82368	.024	2.96	.39615	.001	1

Reviewed By:
On:
Inst Id :P4
LB :LB135538



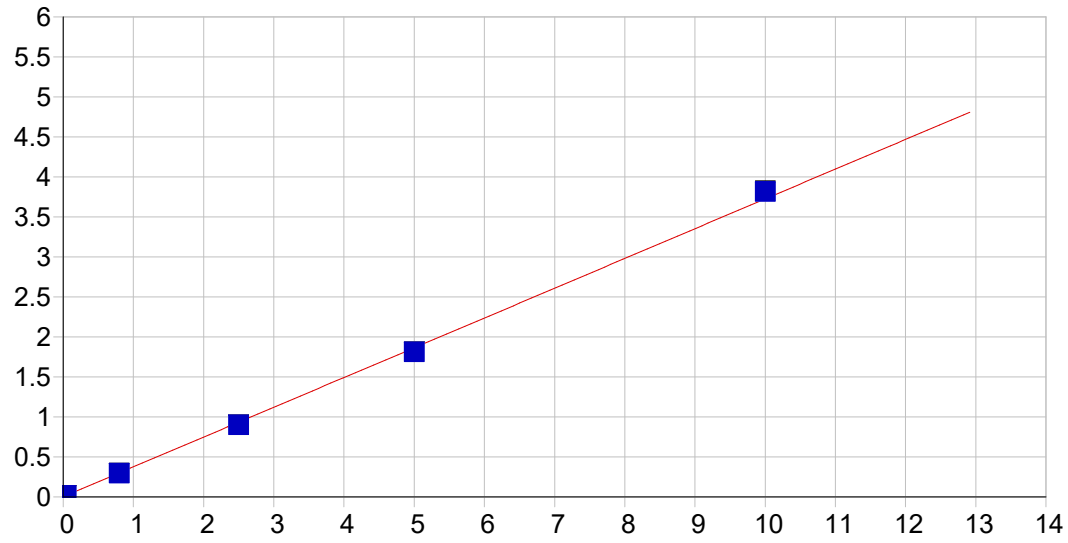
Sn 189.989 {478}

Date of Fit:	4/24/2025 13:35:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000133	Re-Slope:	1.000000
A1 (Gain):	0.077545	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999862	Status:	OK.
Std Error of Est:	0.000043		
Predicted MDL:	0.001105		
Predicted MQL:	0.003683		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00013	.000	1
S1	.04000	.04293	.003	7.33	.00346	.000	1
S3	2.5000	2.4721	-.028	-1.11	.19164	.001	1
S4	5.0000	4.8913	-.109	-2.17	.37903	.001	1
S5	10.000	10.143	.143	1.43	.78588	.000	1
S2	.80000	.79071	-.009	-1.16	.06139	.000	1

Reviewed By:
On:
Inst Id :P4
LB :LB135538



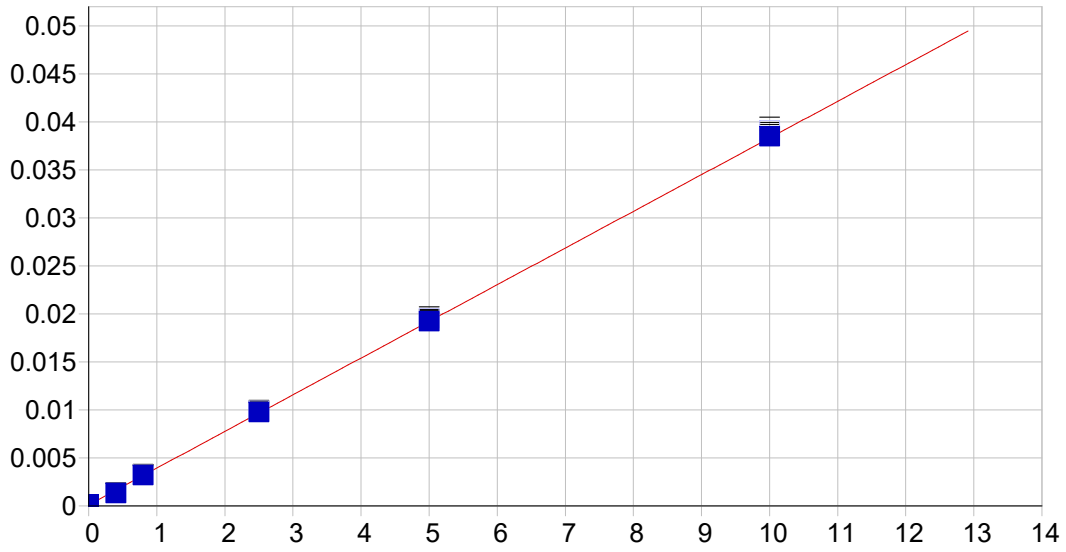
Ti 336.121 {100}

Date of Fit:	4/24/2025 13:35:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003224	Re-Slope:	1.000000
A1 (Gain):	0.372153	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999626	Status:	OK.
Std Error of Est:	0.000338		
Predicted MDL:	0.000962		
Predicted MQL:	0.003207		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00323	.000	1
S1	.04000	.03747	-.003	-6.31	.01716	.000	1
S3	2.5000	2.4123	-.088	-3.51	.90065	.002	1
S4	5.0000	4.8595	-.141	-2.81	1.8110	.006	1
S5	10.000	10.248	.248	2.48	3.8158	.008	1
S2	.80000	.78250	-.017	-2.19	.29433	.001	1

Reviewed By:
On:
Inst Id :P4
LB :LB135538



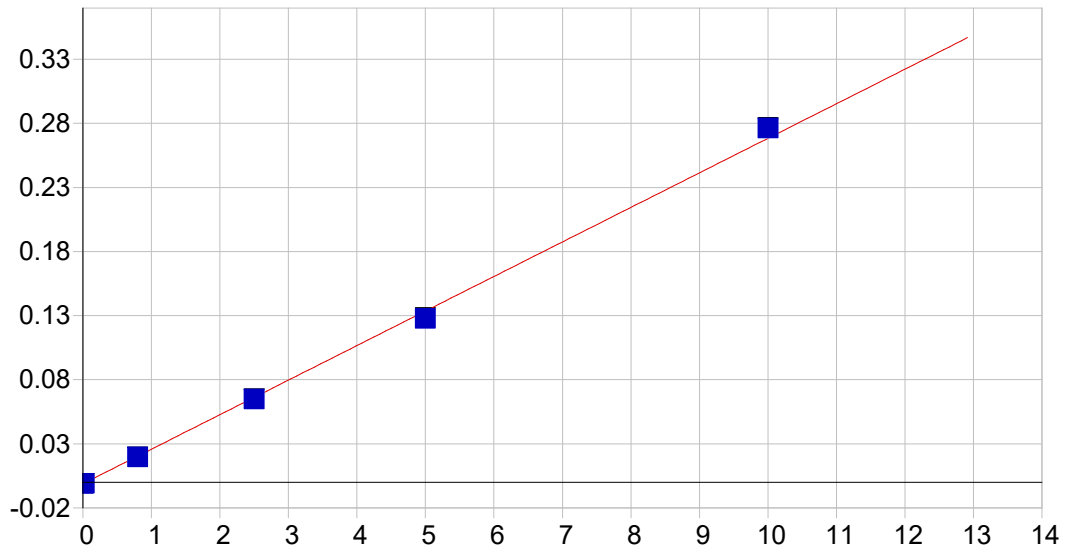
Si 288.158 {117}

Date of Fit:	4/24/2025 13:35:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000117	Re-Slope:	1.000000
A1 (Gain):	0.003821	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999520	Status:	OK.
Std Error of Est:	0.000013		
Predicted MDL:	0.009919		
Predicted MQL:	0.033063		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	.00012	.000	1
S1	.40000	.31527	-.085	-21.2	.00132	.000	1
S3	2.5000	2.5252	.025	1.01	.00991	.000	1
S4	5.0000	5.0048	.005	.095	.01953	.000	1
S5	10.000	10.048	.048	.485	.03908	.000	1
S2	.80000	.80520	.005	.650	.00324	.000	1

Reviewed By:
On:
Inst Id :P4
LB :LB135538



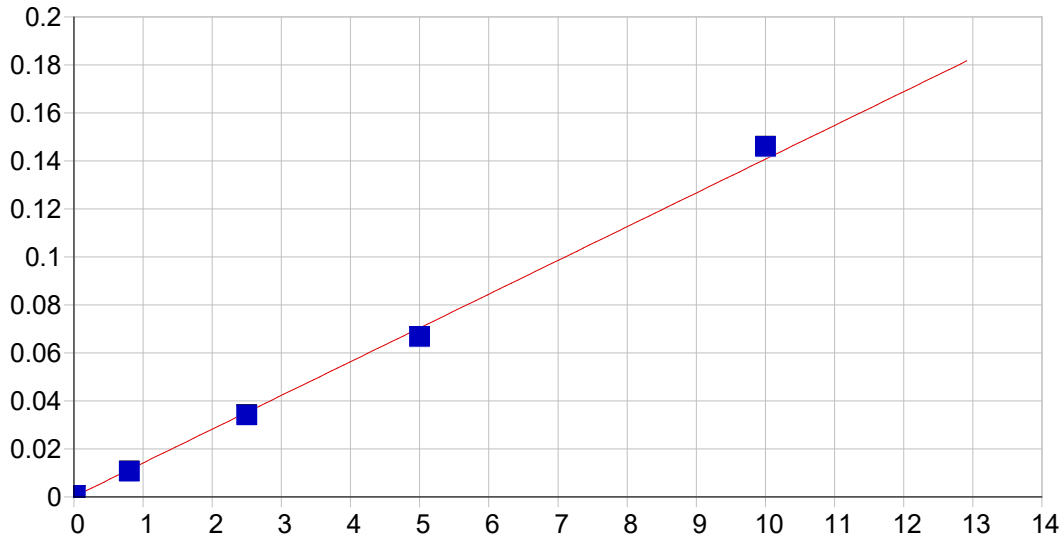
P 177.495 {490}

Date of Fit:	4/24/2025 13:35:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001160	Re-Slope:	1.000000
A1 (Gain):	0.026954	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999460	Status:	OK.
Std Error of Est:	0.000021		
Predicted MDL:	0.003516		
Predicted MQL:	0.011721		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00116	.000	1
S1	.02000	.01870	-.001	-6.51	-.00065	.000	1
S3	2.5000	2.4503	-.050	-1.99	.06487	.000	1
S4	5.0000	4.7881	-.212	-4.24	.12788	.000	1
S5	10.000	10.293	.293	2.93	.27624	.000	1
S2	.80000	.76967	-.030	-3.79	.01958	.000	1

Reviewed By:
On:
Inst Id :P4
LB :LB135538



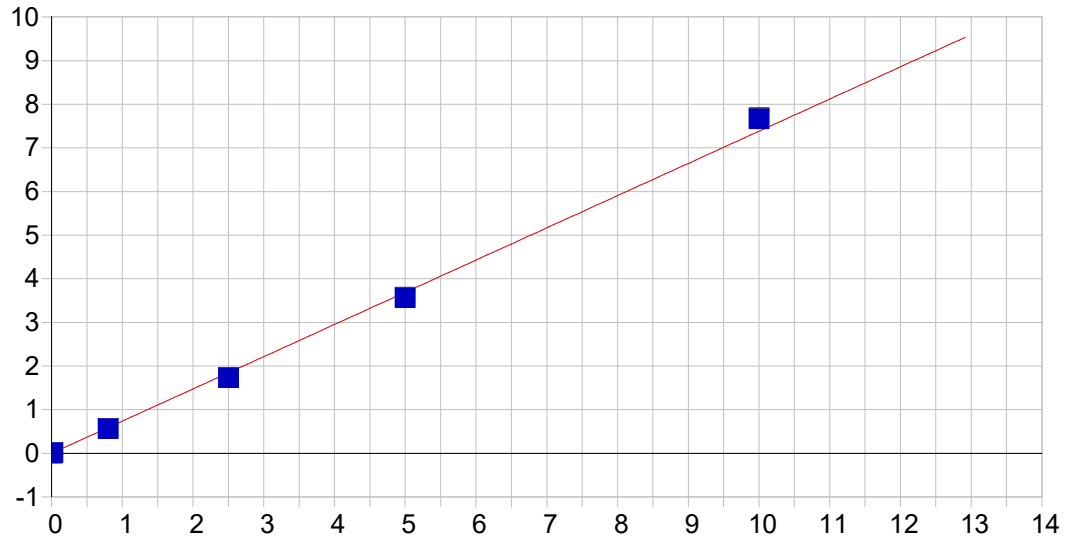
S 182.034 {485}

Date of Fit:	4/24/2025 13:35:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000103	Re-Slope:	1.000000
A1 (Gain):	0.014061	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999044	Status:	OK.
Std Error of Est:	0.000014		
Predicted MDL:	0.005360		
Predicted MQL:	0.017866		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00010	.000	1
S1	.02000	.02592	.006	29.6	.00046	.000	1
S3	2.5000	2.4203	-.080	-3.19	.03404	.000	1
S4	5.0000	4.7423	-.258	-5.15	.06660	.000	1
S5	10.000	10.380	.380	3.80	.14568	.000	1
S2	.80000	.75184	-.048	-6.02	.01064	.000	1

Reviewed By:
On:
Inst Id :P4
LB :LB135538



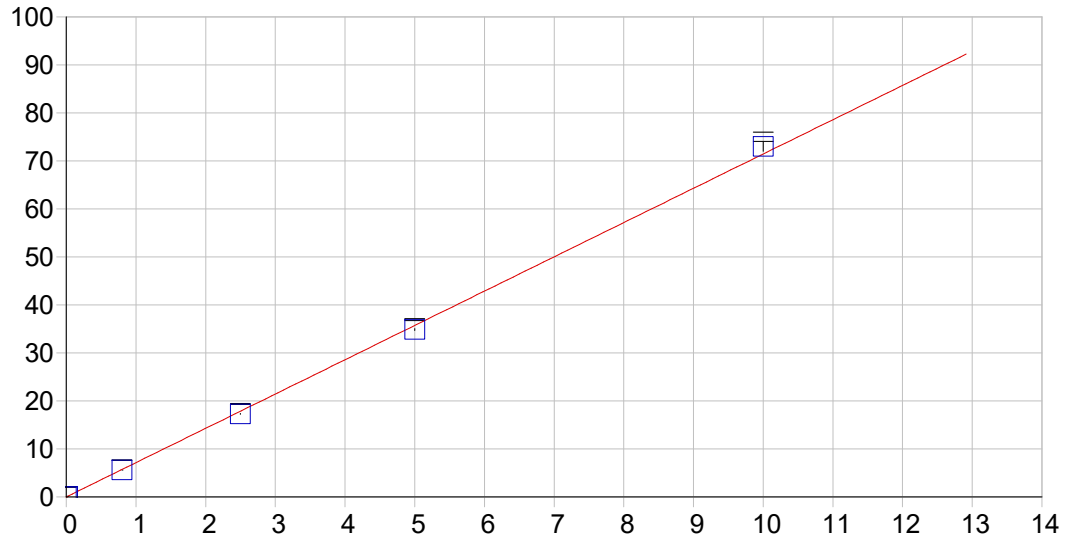
Li 670.784 { 50}

Date of Fit:	4/24/2025 13:35:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000631	Re-Slope:	1.000000
A1 (Gain):	0.738255	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999099	Status:	OK.
Std Error of Est:	0.000735		
Predicted MDL:	0.001512		
Predicted MQL:	0.005039		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00063	.000	1
S5	10.000	10.379	.379	3.79	7.6652	.020	1
S4	5.0000	4.8236	-.176	-3.53	3.5622	.012	1
S3	2.5000	2.3421	-.158	-6.32	1.7293	.005	1
S1	.02000	.01717	-.003	-14.2	.01228	.001	1
S2	.80000	.75847	-.042	-5.19	.55961	.002	1

Reviewed By:
On:
Inst Id :P4
LB :LB135538



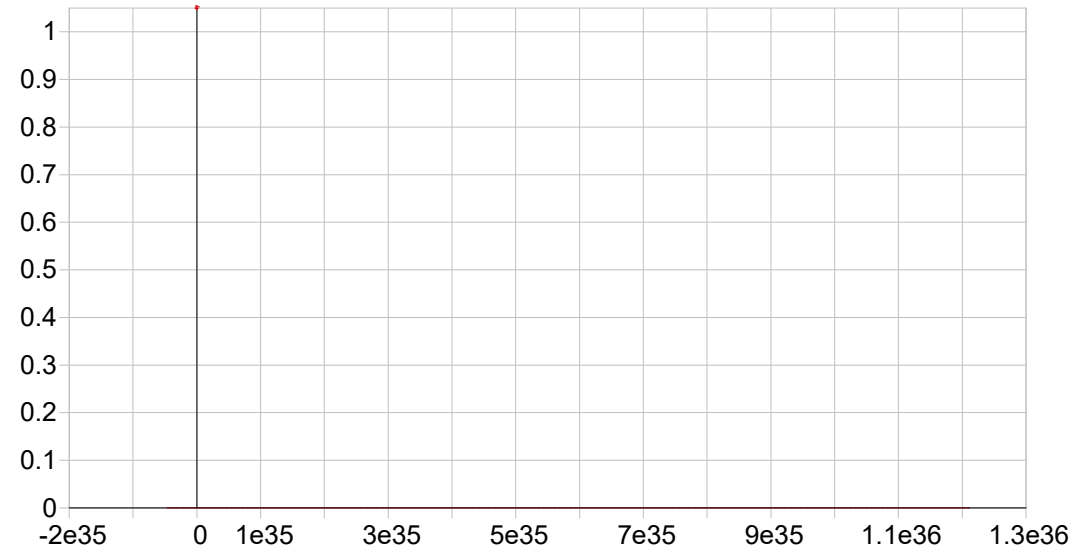
Sr 407.771 { 83}

Date of Fit:	4/24/2025 13:35:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001186	Re-Slope:	1.000000
A1 (Gain):	7.143676	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999718	Status:	OK.
Std Error of Est:	0.003974		
Predicted MDL:	0.000100		
Predicted MQL:	0.000332		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00120	.001	1
S1	.02000	.01898	-.001	-5.08	.13680	.000	1
S3	2.5000	2.4191	-.081	-3.24	17.282	.089	1
S4	5.0000	4.8831	-.117	-2.34	34.884	.189	1
S5	10.000	10.215	.215	2.15	72.972	.978	1
S2	.80000	.78416	-.016	-1.98	5.6030	.020	1

Reviewed By:
On:
Inst Id :P4
LB :LB135538

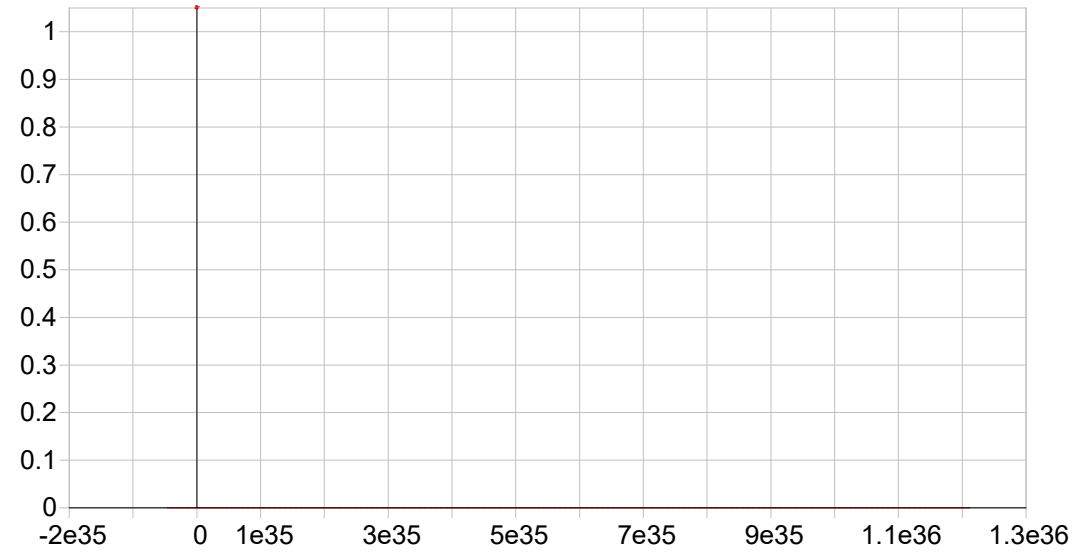


Y 224.306 {450}*

Date of Fit:	4/24/2025 13:35:04	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



Y 360.073 { 94}*

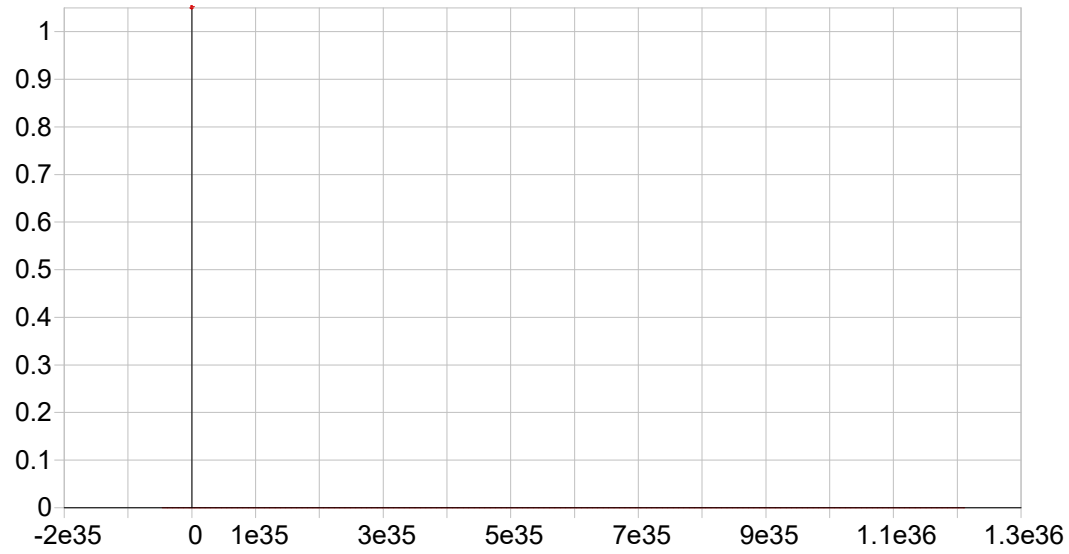
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

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

Reviewed By:
On:
Inst Id :P4
LB :LB135538

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

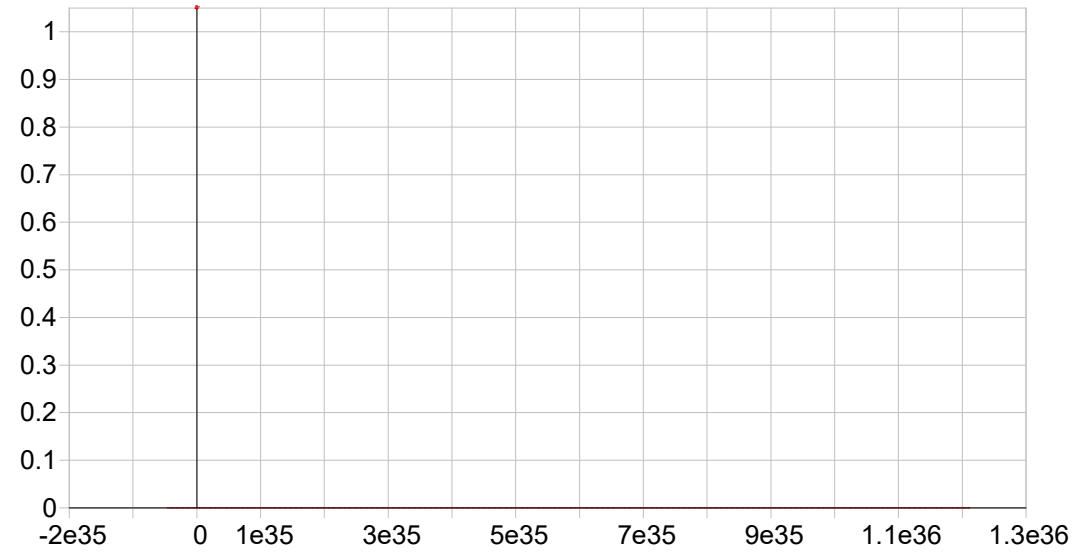


Y 371.030 { 91}*

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	
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

Reviewed By:
On:
Inst Id :P4
LB :LB135538

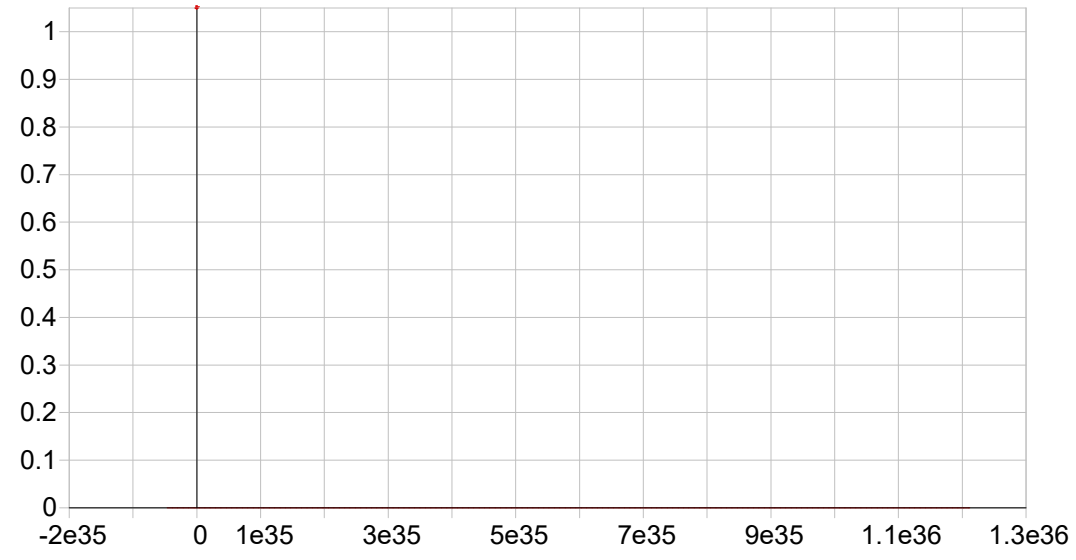


Y 224.306 {150}*

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
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



In 230.606 {446}*

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

Reviewed By:
On:
Inst Id :P4
LB :LB135538

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**

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: S0 Acquired: 4/23/2025 14:39:10 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v19) 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	**-.00007**	**-.00011**	**-.00009**	**.00026**	**.00025**	**.00003**	**.04997**	**.00031**
Stddev	.00006	.00002	.00012	.00005	.00003	.00041	.00145	.00015
%RSD	86.154	15.034	136.37	19.253	10.729	1399.2	2.8944	47.657
#1	-.00002	-.00011	-.00022	.00032	.00023	.00004	.04830	.00048
#2	-.00006	-.00013	.00002	.00024	.00023	.00043	.05092	.00020
#3	-.00014	-.00010	-.00007	.00023	.00028	-.00039	.05068	.00025

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	**-.00006**	**.00058**	**.00010**	**.00002**	**-.00066**	**.00005**	**.00044**	**-.00010**
Stddev	.00009	.00053	.00004	.00001	.00010	.00001	.00009	.00020
%RSD	151.96	90.856	35.450	32.304	14.409	25.789	20.321	200.00
#1	-.00007	.00020	.00011	.00002	-.00056	.00005	.00035	-.00027
#2	.00003	.00036	.00014	.00002	-.00075	.00004	.00053	-.00014
#3	-.00014	.00119	.00007	.00003	-.00068	.00006	.00044	.00012

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	**-.00033**	**-.00112**	**.00167**	**-.00009**	**.00482**	**.00049**	**.00345**	**.00024**
Stddev	.00006	.00004	.00011	.00010	.00028	.00003	.00033	.00009
%RSD	16.950	3.2115	6.4675	103.83	5.9030	5.5639	9.6244	35.367
#1	-.00035	-.00109	.00170	-.00012	.00474	.00049	.00321	.00032
#2	-.00027	-.00116	.00176	-.00017	.00514	.00052	.00383	.00025
#3	-.00038	-.00110	.00155	.00001	.00458	.00047	.00332	.00015

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	**.00013**	**.00323**	**.00012**	**-.00116**	**.00010**	**-.00063**	**.00120**
Stddev	.00010	.00025	.00004	.00002	.00004	.00028	.00065
%RSD	78.969	7.8835	36.915	1.7622	35.859	44.098	54.532
#1	.00005	.00331	.00009	-.00115	.00012	-.00052	.00186
#2	.00025	.00342	.00017	-.00118	.00012	-.00094	.00119
#3	.00010	.00294	.00010	-.00115	.00006	-.00042	.00055

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: S0 Acquired: 4/23/2025 14:39:10 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v19) 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	3168.7	72939.	10481.	2104.3	4969.9
Stddev	10.8	240.	20.	5.1	13.1
%RSD	.34009	.32914	.18932	.24269	.26328
#1	3160.0	73175.	10459.	2110.1	4958.7
#2	3165.3	72948.	10496.	2102.5	4966.9
#3	3180.8	72695.	10490.	2100.3	4984.3

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: S1 Acquired: 4/23/2025 14:43:34 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v19) 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	**.00061**	**.00170**	**.00150**	**.00073**	**.00547**	**.00683**	**.23912**	**.03449**
Stddev	.00003	.00011	.00027	.00008	.00004	.00051	.00356	.00029
%RSD	4.4005	6.2820	18.108	10.584	.67061	7.4129	1.4878	.85467
#1	.00064	.00160	.00122	.00082	.00547	.00633	.24317	.03444
#2	.00060	.00181	.00153	.00069	.00550	.00682	.23651	.03480
#3	.00059	.00168	.00176	.00068	.00543	.00734	.23768	.03422

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	**.01078**	**.08793**	**.00140**	**.01568**	**.00986**	**.00038**	**.00768**	**.02238**
Stddev	.00016	.00068	.00004	.00006	.00033	.00001	.00008	.00018
%RSD	1.5019	.77239	2.5355	.35883	3.3118	1.5804	1.0512	.78961
#1	.01073	.08866	.00136	.01566	.00992	.00037	.00771	.02218
#2	.01097	.08781	.00141	.01574	.00951	.00038	.00759	.02244
#3	.01066	.08732	.00143	.01564	.01016	.00038	.00774	.02252

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	**.01492**	**.00103**	**.03251**	**.00485**	**.08780**	**.01035**	**.04028**	**.09971**
Stddev	.00020	.00008	.00019	.00018	.00079	.00003	.00016	.00060
%RSD	1.3255	7.5882	.59284	3.7762	.90000	.29330	.38698	.60308
#1	.01470	.00112	.03230	.00505	.08789	.01037	.04014	.10007
#2	.01507	.00097	.03253	.00479	.08855	.01036	.04045	.10004
#3	.01499	.00101	.03269	.00470	.08697	.01031	.04024	.09902

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	**.00346**	**.01716**	**.00132**	**-.00065**	**.00046**	**.01228**	**.13680**
Stddev	.00004	.00025	.00000	.00003	.00005	.00129	.00014
%RSD	1.1049	1.4489	.18595	5.3279	11.063	10.474	.10207
#1	.00348	.01729	.00133	-.00062	.00051	.01363	.13695
#2	.00348	.01732	.00133	-.00065	.00043	.01106	.13679
#3	.00341	.01687	.00132	-.00069	.00043	.01215	.13667

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: S1 Acquired: 4/23/2025 14:43:34 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v19) 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	3205.5	74486.	10695.	2129.1	5009.1
Stddev	16.3	167.	22.	11.1	19.2
%RSD	.50914	.22386	.20582	.51912	.38278
#1	3190.1	74542.	10673.	2116.7	4988.7
#2	3203.7	74617.	10695.	2137.9	5011.7
#3	3222.6	74298.	10717.	2132.8	5026.8

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: S2 Acquired: 4/23/2025 14:47:58 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v19) 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	**.02924**	**.03512**	**.11939**	**.02011**	**.08029**	**.10313**	**3.2166**	**.23830**
Stddev	.00015	.00008	.00014	.00007	.00011	.00047	.0109	.00161
%RSD	.51172	.23587	.11424	.35749	.13402	.45942	.33743	.67689
#1	.02913	.03508	.11934	.02019	.08039	.10345	3.2263	.23897
#2	.02941	.03522	.11929	.02010	.08030	.10259	3.2049	.23645
#3	.02917	.03507	.11955	.02004	.08017	.10335	3.2185	.23946

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	**.69901**	**.18082**	**.02369**	**.21756**	**.09922**	**.00301**	**.14153**	**.04329**
Stddev	.00124	.00078	.00004	.00058	.00044	.00002	.00026	.00026
%RSD	.17721	.43120	.17463	.26752	.44277	.79365	.18682	.59108
#1	.69763	.18076	.02369	.21689	.09891	.00303	.14154	.04357
#2	.70003	.18007	.02365	.21797	.09904	.00299	.14179	.04306
#3	.69937	.18163	.02373	.21781	.09972	.00300	.14126	.04324

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	**.15751**	**.04505**	**.06718**	**.04952**	**.85860**	**.02094**	**.29674**	**.39615**
Stddev	.00018	.00007	.00014	.00051	.00509	.00020	.00144	.00099
%RSD	.11566	.15854	.21487	1.0208	.59286	.97096	.48572	.24917
#1	.15733	.04500	.06703	.05010	.85418	.02097	.29801	.39504
#2	.15770	.04501	.06732	.04919	.85745	.02073	.29517	.39648
#3	.15749	.04513	.06718	.04926	.86417	.02113	.29702	.39693

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	**.06139**	**.29433**	**.00324**	**.01958**	**.01064**	**.55961**	**5.6030**
Stddev	.00010	.00089	.00007	.00011	.00007	.00223	.0202
%RSD	.15742	.30254	2.2211	.58414	.64346	.39895	.36064
#1	.06128	.29457	.00320	.01970	.01058	.56214	5.6211
#2	.06140	.29334	.00320	.01957	.01072	.55874	5.5812
#3	.06148	.29507	.00332	.01947	.01064	.55794	5.6066

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: S2 Acquired: 4/23/2025 14:47:58 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v19) 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	**3196.7**	**72870.**	**10720.**	**2111.6**	**4942.4**
Stddev	7.7	137.	48.	5.6	6.8
%RSD	.24008	.18796	.45057	.26477	.13738
#1	3190.3	72725.	10688.	2105.2	4934.7
#2	3205.2	72886.	10776.	2115.6	4947.5
#3	3194.7	72997.	10696.	2113.9	4945.0

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: S3 Acquired: 4/23/2025 14:52:08 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v19) 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	**.09168**	**.10888**	**.37161**	**.06274**	**.24776**	**.31711**	**9.9853**	**.72695**
Stddev	.00038	.00035	.00059	.00023	.00014	.00071	.0277	.00226
%RSD	.40968	.32320	.15879	.35944	.05672	.22474	.27696	.31137
#1	.09175	.10851	.37122	.06248	.24766	.31653	10.017	.72945
#2	.09128	.10894	.37133	.06283	.24771	.31791	9.9668	.72638
#3	.09202	.10920	.37229	.06290	.24792	.31690	9.9719	.72503

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	**2.1668**	**.55732**	**.07241**	**.67371**	**.30474**	**.00922**	**.43093**	**.13322**
Stddev	.0061	.00116	.00015	.00240	.00072	.00004	.00105	.00049
%RSD	.28131	.20894	.20807	.35584	.23696	.42413	.24415	.36976
#1	2.1604	.55748	.07232	.67139	.30442	.00923	.43199	.13366
#2	2.1675	.55840	.07232	.67356	.30424	.00925	.42989	.13331
#3	2.1725	.55608	.07258	.67618	.30557	.00918	.43092	.13269

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	**.48808**	**.13912**	**.20751**	**.15267**	**2.5995**	**.06550**	**.89209**	**1.2047**
Stddev	.00181	.00019	.00072	.00025	.0031	.00018	.00317	.0034
%RSD	.37173	.13963	.34531	.16458	.11916	.27204	.35496	.28593
#1	.48737	.13895	.20696	.15277	2.5962	.06562	.89550	1.2025
#2	.48674	.13907	.20725	.15284	2.6023	.06530	.89153	1.2029
#3	.49015	.13933	.20832	.15238	2.6002	.06558	.88924	1.2087

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	**.19164**	**.90065**	**.00991**	**.06487**	**.03404**	**1.7293**	**17.282**
Stddev	.00065	.00238	.00007	.00030	.00013	.0050	.089
%RSD	.33701	.26447	.72991	.45499	.38522	.28657	.51481
#1	.19107	.90338	.00984	.06459	.03390	1.7348	17.307
#2	.19150	.89901	.00990	.06518	.03409	1.7252	17.356
#3	.19234	.89955	.00998	.06486	.03415	1.7280	17.184

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: S3 Acquired: 4/23/2025 14:52:08 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v19) 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	**3114.3**	**71448.**	**10726.**	**2073.0**	**4726.1**
Stddev	12.8	112.	31.	7.8	23.6
%RSD	.41224	.15726	.28568	.37544	.49989
#1	3124.6	71530.	10691.	2081.6	4751.1
#2	3118.3	71494.	10743.	2071.1	4722.8
#3	3099.9	71320.	10744.	2066.4	4704.2

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: S4 Acquired: 4/23/2025 14:56:19 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v19) 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	**.17891**	**.21619**	**.73088**	**.12203**	**.48858**	**.64857**	**20.042**	**1.4939**
Stddev	.00074	.00178	.00111	.00037	.00183	.00110	.394	.0027
%RSD	.41589	.82418	.15193	.30183	.37466	.16892	1.9646	.18234
#1	.17833	.21720	.73026	.12196	.48816	.64781	20.355	1.4955
#2	.17866	.21723	.73022	.12169	.48699	.64983	19.600	1.4955
#3	.17975	.21413	.73216	.12242	.49058	.64808	20.172	1.4908

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	**4.2656**	**1.1204**	**.14384**	**1.3292**	**.59187**	**.01776**	**.86092**	**.27119**
Stddev	.0089	.0027	.00153	.0020	.00113	.00015	.00207	.00006
%RSD	.20791	.24241	1.0614	.15168	.19122	.83173	.24053	.02339
#1	4.2597	1.1215	.14256	1.3279	.59093	.01762	.86052	.27119
#2	4.2614	1.1223	.14343	1.3281	.59156	.01775	.86316	.27112
#3	4.2758	1.1173	.14553	1.3315	.59313	.01791	.85908	.27125

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	**.95456**	**.27877**	**.40792**	**.30968**	**5.1579**	**.12860**	**1.8485**	**2.3899**
Stddev	.00200	.00200	.00357	.00127	.0642	.00075	.0058	.0052
%RSD	.20951	.71666	.87567	.41136	1.2454	.58507	.31385	.21671
#1	.95273	.27732	.40432	.30983	5.1297	.12796	1.8551	2.3875
#2	.95425	.27795	.40799	.31088	5.1126	.12841	1.8444	2.3863
#3	.95669	.28105	.41147	.30834	5.2314	.12943	1.8459	2.3958

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	**.37903**	**1.8110**	**.01953**	**.12788**	**.06660**	**3.5622**	**34.884**
Stddev	.00081	.0059	.00019	.00032	.00002	.0118	.189
%RSD	.21421	.32564	.96403	.25119	.03026	.33135	.54276
#1	.37872	1.8138	.01933	.12825	.06662	3.5610	35.001
#2	.37842	1.8150	.01955	.12766	.06661	3.5746	34.666
#3	.37995	1.8043	.01970	.12772	.06658	3.5511	34.987

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: S4 Acquired: 4/23/2025 14:56:19 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v19) 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	3169.0	70967.	10273.	2037.2	4777.1
Stddev	3.5	667.	5.	27.7	8.7
%RSD	.11026	.93984	.05268	1.3582	.18295
#1	3172.4	71467.	10267.	2048.3	4781.0
#2	3165.4	71225.	10278.	2057.5	4767.1
#3	3169.4	70210.	10274.	2005.7	4783.2

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: S5 Acquired: 4/23/2025 15:00:33 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v19) 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	.37411	.44205	1.5044	.25440	1.0094	1.3567	42.058	2.9643
Stddev	.00127	.00079	.0021	.00068	.0019	.0049	.125	.0142
%RSD	.34067	.17954	.13741	.26769	.19110	.35896	.29815	.47874
#1	.37270	.44181	1.5065	.25369	1.0074	1.3556	41.929	2.9733
#2	.37443	.44293	1.5043	.25504	1.0113	1.3620	42.179	2.9716
#3	.37519	.44140	1.5023	.25448	1.0096	1.3524	42.067	2.9479

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	8.8513	2.3321	.27802	2.7534	1.2064	.03530	1.8020	.56506
Stddev	.0047	.0075	.00094	.0014	.0018	.00031	.0057	.00181
%RSD	.05306	.32015	.33945	.05042	.15281	.86667	.31527	.32079
#1	8.8563	2.3253	.27741	2.7547	1.2049	.03504	1.7985	.56357
#2	8.8470	2.3401	.27755	2.7519	1.2085	.03521	1.8085	.56708
#3	8.8505	2.3309	.27911	2.7537	1.2058	.03564	1.7989	.56454

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	1.9744	.54634	.82752	.64970	10.065	.26348	3.7208	4.8028
Stddev	.0003	.00099	.00514	.00149	.019	.00166	.0268	.0128
%RSD	.01646	.18138	.62153	.22993	.18996	.63081	.72085	.26678
#1	1.9747	.54571	.82226	.64828	10.080	.26182	3.7399	4.7890
#2	1.9741	.54582	.82777	.65126	10.043	.26348	3.7324	4.8143
#3	1.9743	.54748	.83253	.64956	10.072	.26514	3.6902	4.8052

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	.78588	3.8158	.03908	.27624	.14568	7.6652	72.972
Stddev	.00040	.0084	.00038	.00046	.00006	.0204	.978
%RSD	.05151	.22092	.97983	.16583	.04443	.26600	1.3406
#1	.78587	3.8084	.03878	.27626	.14565	7.6625	74.080
#2	.78629	3.8250	.03895	.27669	.14576	7.6869	72.607
#3	.78548	3.8140	.03951	.27578	.14564	7.6464	72.228

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: S5 Acquired: 4/23/2025 15:00:33 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v19) 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	3024.1	73669.	10193.	2052.0	4437.5
Stddev	5.6	279.	62.	.5	2.0
%RSD	.18416	.37835	.60465	.02251	.04513
#1	3030.5	73990.	10186.	2052.5	4435.3
#2	3020.2	73519.	10135.	2051.8	4439.1
#3	3021.7	73497.	10257.	2051.6	4438.2

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: ICV01 Acquired: 4/23/2025 15:29:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9899115**	**1.014956**	**.9722207**	**1.024939**	**.9735271**	**2.403736**	**.5531204**
Stddev	.0039279	.005774	.0060018	.002977	.0015202	.008127	.0015696
%RSD	.3967916	.5689222	.6173263	.2904192	.1561501	.3380784	.2837817
#1	.9874358	1.009893	.9717070	1.023393	.9750920	2.402133	.5519877
#2	.9878582	1.013729	.9784629	1.023054	.9720560	2.396531	.5524615
#3	.9944404	1.021245	.9664924	1.028371	.9734331	2.412545	.5549122

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5333747**	**.4992455**	**9.959666**	**.5289626**	**.5393654**	**.4891356**	**10.46630**
Stddev	.0004395	.0017997	.015698	.0021051	.0015684	.0022337	.01840
%RSD	.0824028	.3604850	.1576174	.3979645	.2907890	.4566574	.1758210
#1	.5337417	.4993203	9.943077	.5310964	.5392630	.4899392	10.47149
#2	.5334949	.5010066	9.974288	.5268874	.5409825	.4908562	10.44586
#3	.5328876	.4974095	9.961633	.5289041	.5378507	.4866113	10.48155

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5172932**	**6.070869**	**.5419710**	**.2424633**	**10.38853**	**.5126988**	**.9808490**
Stddev	.0013145	.029054	.0022319	.0007940	.03489	.0023298	.0036027
%RSD	.2541043	.4785749	.4118074	.3274718	.3358665	.4544264	.3672987
#1	.5164448	6.044653	.5418391	.2432422	10.41334	.5111016	.9780736
#2	.5166274	6.102106	.5442659	.2424927	10.34864	.5116225	.9795530
#3	.5188073	6.065847	.5398080	.2416550	10.40362	.5153722	.9849204

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.56582**	**2.471288**	**2.603263**	**2.555635**	**2.479359**	**2.748581**	**2.615704**
Stddev	.01004	.002528	.005753	.005974	.002256	.012660	.006983
%RSD	.0950568	.1023029	.2209903	.2337489	.0909959	.4605931	.2669544
#1	10.57602	2.470602	2.604836	2.553703	2.478231	2.755842	2.617116
#2	10.56552	2.474088	2.608066	2.562335	2.477889	2.733963	2.621872
#3	10.55594	2.469174	2.596887	2.550865	2.481957	2.755939	2.608123

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: ICV01 Acquired: 4/23/2025 15:29:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**2.635298**	**2.528425**	**2.433797**
Stddev	.006635	.003408	.011939
%RSD	.2517669	.1348017	.4905357
#1	2.632305	2.531872	2.422485
#2	2.642902	2.525057	2.446276
#3	2.630687	2.528345	2.432628

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3126.076**	**71873.46**	**11011.34**	**2079.220**	**4782.707**
Stddev	4.927	255.38	23.33	3.887	9.920
%RSD	.1576059	.3553187	.2118582	.1869417	.2074213
#1	3122.576	71608.16	10987.61	2074.749	4780.425
#2	3123.942	72117.61	11012.16	2081.122	4774.127
#3	3131.711	71894.61	11034.25	2081.791	4793.570

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: LLICV01 Acquired: 4/23/2025 15:44:53 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0220797**	**.0455643**	**.0125197**	**.0185417**	**.0537506**	**.0980672**
Stddev	.0011902	.0010772	.0007280	.0061403	.0015822	.0051746
%RSD	5.390451	2.364100	5.814882	33.11639	2.943636	5.276563
#1	.0234151	.0465206	.0133431	.0249222	.0552861	.0923766
#2	.0211309	.0457748	.0122546	.0126736	.0538403	.0993350
#3	.0216932	.0443974	.0119613	.0180294	.0521255	.1024901

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0917497**	**.0060059**	**.0061149**	**1.917820**	**.0094694**	**.0293406**
Stddev	.0019625	.0000376	.0001008	.009751	.0002607	.0002443
%RSD	2.138946	.6260127	1.648179	.5084327	2.752724	.8326238
#1	.0924026	.0060076	.0062312	1.907341	.0096816	.0293503
#2	.0895440	.0059674	.0060570	1.919495	.0095482	.0295799
#3	.0933026	.0060425	.0060564	1.926625	.0091784	.0290916

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0222873**	**.1056586**	**.0200663**	**2.030764**	**.0394125**	**.0101900**
Stddev	.0002192	.0021241	.0007104	.005195	.0001201	.0003121
%RSD	.9834326	2.010320	3.540132	.2557987	.3048085	3.062345
#1	.0223294	.1046341	.0193788	2.029562	.0394720	.0104112
#2	.0224824	.1081007	.0200226	2.036454	.0394913	.0098331
#3	.0220501	.1042409	.0207975	2.026275	.0392742	.0103258

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.895408**	**.0395325**	**.0434174**	**1.931052**	**.1040314**	**.2062249**
Stddev	.030901	.0017572	.0012700	.029072	.0003855	.0005939
%RSD	1.630334	4.444905	2.925052	1.505511	.3705540	.2880101
#1	1.930980	.0375044	.0448729	1.964610	.1035876	.2068669
#2	1.880041	.0404933	.0428443	1.915043	.1042825	.2061127
#3	1.875202	.0405998	.0425349	1.913504	.1042241	.2056950

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: LLICV01 Acquired: 4/23/2025 15:44:53 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0388165	.0375950	F .3196556	.0196269	F .0246339	.0176673
Stddev	.0006383	.0004512	.0064998	.0015041	.0014696	.0013780
%RSD	1.644413	1.200123	2.033376	7.663487	5.965829	7.799860
#1	.0392377	.0381003	.3166977	.0195868	.0262392	.0190684
#2	.0391296	.0374521	.3151609	.0181433	.0233549	.0176199
#3	.0380820	.0372326	.3271083	.0211507	.0243075	.0163136

Elem	Sr4077
Units	ppm
Avg	.0189406
Stddev	.0000308
%RSD	.1624903
#1	.0189497
#2	.0189658
#3	.0189063

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3190.357	73341.88	10632.31	2110.618	4979.524
Stddev	2.210	1125.98	49.32	40.575	12.109
%RSD	.0692830	1.535245	.4639085	1.922424	.2431728
#1	3188.431	72114.94	10604.13	2066.767	4971.023
#2	3189.870	74327.89	10689.26	2146.831	4974.161
#3	3192.771	73582.82	10603.53	2118.258	4993.388

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: ICB01 Acquired: 4/23/2025 15:49:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	**.0009576**	**.0018184**	**-.001210**	**-.003921**	**-.000032**	**.0049337**	**-.001606**
Stddev	.0001677	.0011564	.001639	.001360	.001306	.0038982	.000741
%RSD	17.50747	63.59367	135.4480	34.70093	4145.329	79.01189	46.11972
#1	.0009678	.0029181	-.002424	-.003625	-.001395	.0010817	-.000783
#2	.0011200	.0019245	.000655	-.002732	.000093	.0088766	-.002219
#3	.0007851	.0006126	-.001862	-.005405	.001207	.0048429	-.001815

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000016**	**.0000423**	**-.006158**	**-.000069**	**.0001707**	**.0011553**	**-.003202**
Stddev	.000055	.0000393	.009913	.000200	.0003765	.0002305	.006538
%RSD	344.9416	93.00514	160.9759	288.4190	220.5795	19.95679	204.2216
#1	.000046	.0000072	-.017497	-.000113	-.000018	.0010662	.003717
#2	-.000059	.0000348	.000866	-.000244	-.000074	.0014171	-.009278
#3	-.000034	.0000848	-.001843	.000149	.000604	.0009825	-.004045

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010588**	**-.021880**	**.0000902**	**-.000086**	**-.021379**	**.0001361**	**.0005251**
Stddev	.0007769	.008578	.0002902	.000021	.007636	.0015766	.0000474
%RSD	73.37487	39.20431	321.5484	24.65902	35.71853	1158.552	9.027984
#1	.0002032	-.016735	.0001199	-.000071	-.016547	.0007617	.0005798
#2	.0012532	-.031782	-.000214	-.000110	-.017407	-.001657	.0004960
#3	.0017201	-.017123	.000364	-.000076	-.030182	.001304	.0004996

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0152398**	**-.001379**	**-.000068**	**.0013342**	**-.000652**	**-.001104**	**.0005608**
Stddev	.0159982	.000561	.000055	.0011845	.000837	.008064	.0005525
%RSD	104.9763	40.68089	80.52227	88.77358	128.3426	730.2435	98.53027
#1	.0096314	-.001480	-.000062	.0000050	.000290	.006057	.0001918
#2	.0332872	-.000774	-.000125	.0022776	-.001309	-.009840	.0011960
#3	.0028010	-.001882	-.000016	.0017202	-.000938	.000470	.0002945

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: ICB01 Acquired: 4/23/2025 15:49:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	.0033443	-.002257	-.000176
Stddev	.0058793	.002090	.000090
%RSD	175.7983	92.62656	51.53160
#1	.0099804	-.000654	-.000196
#2	-.001214	-.001496	-.000254
#3	.001266	-.004621	-.000077

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3210.723	73179.09	10597.48	2103.069	5052.404
Stddev	6.181	226.33	24.07	16.058	5.856
%RSD	.1925167	.3092847	.2271560	.7635668	.1159101
#1	3203.589	73042.01	10583.24	2089.601	5045.644
#2	3214.112	73054.94	10625.27	2098.765	5055.930
#3	3214.469	73440.33	10583.92	2120.841	5055.639

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: CRI01 Acquired: 4/23/2025 15:53:44 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0204472**	**.0415293**	**.0100788**	**.0181749**	**.0512532**	**.0951425**	**.0887218**
Stddev	.0014070	.0033619	.0002612	.0023825	.0016523	.0073441	.0006128
%RSD	6.881153	8.095364	2.591562	13.10868	3.223850	7.719072	.6906962
#1	.0188953	.0453725	.0102676	.0154669	.0520769	.0906303	.0889156
#2	.0208066	.0391332	.0097807	.0191091	.0493509	.1036168	.0880356
#3	.0216395	.0400823	.0101881	.0199487	.0523317	.0911804	.0892143

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0057519**	**.0060747**	**1.891328**	**.0093079**	**.0288752**	**.0226789**	**.0919734**
Stddev	.0000439	.0000484	.011874	.0005167	.0003366	.0004384	.0016140
%RSD	.7635644	.7971968	.6277862	5.551198	1.165598	1.933213	1.754827
#1	.0057505	.0061293	1.903355	.0089230	.0286831	.0228610	.0920209
#2	.0057087	.0060369	1.879614	.0098952	.0286786	.0229970	.0935632
#3	.0057965	.0060579	1.891016	.0091056	.0292638	.0221788	.0903363

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0205968**	**2.003644**	**.0393523**	**.0093715**	**1.921729**	**.0393427**	**.0420168**
Stddev	.0001056	.011620	.0003291	.0000937	.007950	.0028432	.0004006
%RSD	.5127155	.5799289	.8363273	.9999652	.4136792	7.226726	.9533843
#1	.0207174	2.012349	.0392891	.0093823	1.919640	.0370691	.0421213
#2	.0205519	2.008133	.0390594	.0092729	1.915032	.0425305	.0415743
#3	.0205210	1.990449	.0397085	.0094594	1.930514	.0384284	.0423547

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.919274**	**.0964744**	**.2066685**	**.0428243**	**.0374605**	**.3199789**	**.0194317**
Stddev	.012890	.0008994	.0001519	.0009563	.0003504	.0060555	.0008331
%RSD	.6716095	.9322383	.0735207	2.233052	.9353562	1.892478	4.287185
#1	1.933598	.0968113	.2065838	.0435826	.0373183	.3269626	.0202623
#2	1.915616	.0954552	.2065777	.0431402	.0372035	.3167889	.0185962
#3	1.908608	.0971566	.2068439	.0417500	.0378596	.3161854	.0194364

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: CRI01 Acquired: 4/23/2025 15:53:44 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0232867	.0175680	.0189376
Stddev	.0051087	.0008484	.0001648
%RSD	21.93837	4.829365	.8704298
#1	.0238119	.0166832	.0191075
#2	.0179357	.0176464	.0187784
#3	.0281126	.0183746	.0189268

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3204.759	73436.63	10909.83	2108.592	5000.044
Stddev	2.974	23.78	61.25	3.143	3.127
%RSD	.0928127	.0323828	.5613910	.1490770	.0625392
#1	3207.872	73425.67	10845.73	2105.072	4997.996
#2	3204.459	73463.91	10967.75	2109.582	4998.493
#3	3201.946	73420.30	10916.03	2111.121	5003.643

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: ICSA01 Acquired: 4/23/2025 15:58:08 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	**.0039775**	**.0092745**	**-.001657**	**-.001746**	**-.002404**	**230.3759**
Stddev	.0019407	.0010177	.003235	.012413	.003809	.2253
%RSD	48.79247	10.97323	195.1485	710.8047	158.4320	.0977881
#1	.0061494	.0081612	-.001270	-.013382	-.005993	230.1208
#2	.0024135	.0101569	-.005068	.011320	-.002812	230.5476
#3	.0033697	.0095054	.001366	-.003177	.001592	230.4594

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0028877**	**.0005049**	**-.002924**	**219.6713**	**.0530673**	**.0007630**
Stddev	.0013060	.0000403	.000049	.2482	.0003998	.0000779
%RSD	45.22424	7.971670	1.692338	.1130049	.7534285	10.20568
#1	.0018508	.0005461	-.002878	219.6328	.0526057	.0008132
#2	.0043544	.0005029	-.002976	219.9365	.0532959	.0006733
#3	.0024580	.0004657	-.002918	219.4445	.0533004	.0008025

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0057123**	**94.90905**	**.0024013**	**233.0616**	**.0017294**	**.0012855**
Stddev	.0006657	.13791	.0000658	.2407	.0007484	.0001839
%RSD	11.65392	.1453086	2.739956	.1032662	43.27534	14.30211
#1	.0053732	94.75070	.0023833	232.8848	.0025539	.0014969
#2	.0064792	95.00287	.0024743	233.3357	.0015415	.0011626
#3	.0052844	94.97357	.0023464	232.9643	.0010929	.0011971

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0137086**	**.0026165**	**.0036468**	**.0312244**	**.0352202**	**.0001965**
Stddev	.0066430	.0009270	.0003823	.0186737	.0005833	.0002553
%RSD	48.45882	35.42854	10.48274	59.80502	1.656073	129.9479
#1	.0206462	.0019636	.0040225	.0139467	.0353460	-.000076
#2	.0074058	.0036775	.0032583	.0286909	.0345844	.000234
#3	.0130737	.0022083	.0036596	.0510355	.0357304	.000431

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: ICSA01 Acquired: 4/23/2025 15:58:08 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	**-.001955**	**-.002420**	**.0100122**	**.0035388**	**-.010589**	**.0029747**
Stddev	.002467	.001095	.0101935	.0059903	.005107	.0014736
%RSD	126.1641	45.21980	101.8100	169.2733	48.22654	49.53889
#1	.000484	-.001206	.0202223	-.000210	-.012865	.0038690
#2	-.004450	-.002725	-.000165	.000379	-.004740	.0012739
#3	-.001900	-.003330	.009979	.010448	-.014162	.0037813

Elem	Sr4077
Units	ppm
Avg	F **.0929149**
Stddev	.0000839
%RSD	.0902431
#1	.0928187
#2	.0929531
#3	.0929728

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2879.314**	**68522.97**	**10731.74**	**1946.282**	**4206.634**
Stddev	2.678	75.90	9.50	1.974	6.213
%RSD	.0929977	.1107657	.0885633	.1014005	.1477033
#1	2881.316	68600.19	10731.93	1945.189	4210.768
#2	2876.272	68520.27	10722.15	1948.560	4209.645
#3	2880.354	68448.46	10741.15	1945.097	4199.489

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: ICSAB01 Acquired: 4/23/2025 16:02:26 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	**.1111314**	**.1065995**	**.0452920**	**.0480352**	**.6191420**	**229.7386**
Stddev	.0035754	.0038021	.0004532	.0086078	.0036894	.3532
%RSD	3.217267	3.566699	1.000729	17.91979	.5958860	.1537230
#1	.1149050	.1085184	.0454682	.0549115	.6218620	230.0053
#2	.1077943	.1022203	.0456308	.0383816	.6149425	229.8724
#3	.1106949	.1090597	.0447772	.0508126	.6206215	229.3381

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4656082**	**.4685850**	**1.003538**	**219.1605**	**.5472276**	**.4891837**
Stddev	.0009917	.0016270	.002534	.4415	.0013748	.0014893
%RSD	.2129958	.3472115	.2524915	.2014621	.2512335	.3044386
#1	.4666301	.4680675	1.005912	219.3133	.5465534	.4905570
#2	.4655448	.4672797	1.003834	218.6629	.5488094	.4893935
#3	.4646496	.4704078	1.000870	219.5054	.5463201	.4876007

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4798486**	**97.68849**	**.4632259**	**232.6147**	**.9713135**	**.1784001**
Stddev	.0003452	.10866	.0019516	.5637	.0025105	.0002197
%RSD	.0719304	.1112304	.4213077	.2423157	.2584678	.1231216
#1	.4801996	97.81373	.4630374	232.5587	.9740600	.1782946
#2	.4795096	97.61933	.4613754	232.0812	.9707436	.1786526
#3	.4798368	97.63241	.4652649	233.2043	.9691369	.1782531

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.010595**	**.4545381**	**1.025860**	**.0314384**	**.9499675**	**1.028280**
Stddev	.006070	.0005766	.003067	.0298472	.0042475	.001661
%RSD	57.29503	.1268635	.2989517	94.93870	.4471178	.1615597
#1	-.016787	.4542769	1.025821	.0632631	.9525285	1.029279
#2	-.010344	.4541383	1.028946	.0040697	.9450646	1.026362
#3	-.004654	.4551991	1.022813	.0269825	.9523095	1.029199

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: ICSAB01 Acquired: 4/23/2025 16:02:26 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	1.025721	.9666197	F .8118929	F .0056940	F -.009697	F .0031058
Stddev	.005416	.0031592	.0074700	.0017553	.006740	.0009524
%RSD	.5280205	.3268266	.9200691	30.82782	69.49874	30.66447
#1	1.025103	.9702076	.8042477	.0051125	-.002815	.0041514
#2	1.020640	.9642553	.8122567	.0076663	-.016284	.0022879
#3	1.031419	.9653961	.8191743	.0043032	-.009993	.0028781

Elem	Sr4077
Units	ppm
Avg	F .0927044
Stddev	.0003814
%RSD	.4113937
#1	.0929379
#2	.0929109
#3	.0922643

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2873.661	66428.65	10720.20	1913.275	4208.178
Stddev	7.114	225.32	34.49	11.138	8.358
%RSD	.2475561	.3391868	.3217693	.5821429	.1986147
#1	2874.108	66615.51	10759.75	1919.081	4199.584
#2	2880.542	66178.44	10704.49	1900.433	4216.278
#3	2866.335	66492.00	10696.35	1920.310	4208.674

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: ICSADLX20 Acquired: 4/23/2025 16:06:30 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA01DLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051124	.0064295	.0014764	.0039736	.0298571	11.24302	.0226423
Stddev	.0032385	.0006162	.0008585	.0037842	.0004618	.04694	.0006611
%RSD	63.34536	9.584406	58.14679	95.23240	1.546644	.4175226	2.919926
#1	.0014225	.0068895	.0018617	.0083281	.0299375	11.19105	.0230504
#2	.0064321	.0057293	.0004928	.0014819	.0293604	11.28235	.0218795
#3	.0074827	.0066697	.0020748	.0021109	.0302734	11.25565	.0229970

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0234970	.0506062	11.20740	.0273445	.0243050	.0253550	4.944889
Stddev	.0001345	.0001928	.00699	.0003015	.0004320	.0002282	.035804
%RSD	.5722651	.3809824	.0623646	1.102721	1.777245	.9000059	.7240558
#1	.0233429	.0508244	11.19959	.0270297	.0238216	.0256088	4.903548
#2	.0235571	.0504587	11.21308	.0273731	.0244406	.0252895	4.965793
#3	.0235909	.0505357	11.20952	.0276307	.0246529	.0251668	4.965328

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0247617	11.45202	.0487739	.0082955	-.046721	.0229327	.0515035
Stddev	.0001235	.04253	.0001460	.0003634	.010177	.0007347	.0001112
%RSD	.4988556	.3713876	.2994205	4.381004	21.78288	3.203622	.2159821
#1	.0246895	11.40958	.0489225	.0079770	-.039396	.0226047	.0516274
#2	.0246913	11.45183	.0486306	.0082180	-.042426	.0237743	.0514123
#3	.0249043	11.49465	.0487685	.0086914	-.058342	.0224192	.0514709

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0154331	.0432240	.0511659	.0523723	.0477722	.0412028	-.001441
Stddev	.0312999	.0003580	.0002194	.0006821	.0005464	.0040117	.001642
%RSD	202.8107	.8283120	.4287231	1.302495	1.143838	9.736436	113.9898
#1	-.005361	.0435204	.0513801	.0516218	.0475855	.0385526	-.002109
#2	.000230	.0433254	.0509417	.0525404	.0473435	.0392377	.000430
#3	.051431	.0428262	.0511760	.0529547	.0483875	.0458182	-.002643

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: ICSADLX20 Acquired: 4/23/2025 16:06:30 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA01DLX20 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0034398	-.001746	.0044321
Stddev	.0030906	.001151	.0000819
%RSD	89.85000	65.92358	1.848341
#1	.0069166	-.000802	.0043564
#2	.0010044	-.003028	.0045190
#3	.0023983	-.001406	.0044209

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3143.995	72606.91	11247.18	2097.140	4843.569
Stddev	7.109	377.41	48.74	13.989	10.163
%RSD	.2261113	.5197965	.4333165	.6670633	.2098305
#1	3138.833	72952.81	11287.14	2110.482	4835.171
#2	3141.049	72663.53	11261.52	2098.354	4840.670
#3	3152.104	72204.39	11192.89	2082.583	4854.867

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: ICSABDLX20 Acquired: 4/23/2025 16:10:45 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB01DLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000412**	**.0006180**	**-.001449**	**.0019541**	**-.001541**	**11.16613**	**-.000004**
Stddev	.003543	.0017193	.001362	.0021142	.001747	.00292	.000428
%RSD	859.3526	278.1977	93.96824	108.1921	113.3400	.0261373	11457.15
#1	-.004213	.0004352	-.002466	-.000137	-.003405	11.16325	-.000369
#2	.000178	-.001003	.000098	.001908	-.001278	11.16909	-.000109
#3	.002798	.002421	-.001980	.004091	.000059	11.16603	.000467

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000064**	**-.000343**	**11.22075**	**.0020673**	**.0002410**	**.0005208**	**5.137836**
Stddev	.0000389	.000116	.01701	.0001921	.0002909	.0004740	.033604
%RSD	609.7686	33.84857	.1515655	9.294342	120.7003	91.01737	.6540484
#1	-.000031	-.000210	11.22329	.0022083	.0002014	.0003403	5.103589
#2	.000003	-.000421	11.23635	.0018484	.0005496	.0010586	5.170757
#3	.000047	-.000400	11.20262	.0021451	-.000028	.0001635	5.139161

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0017088**	**11.37330**	**.0001970**	**-.000277**	**-.050790**	**.0003765**	**.0002991**
Stddev	.0001298	.02794	.0002513	.000284	.006292	.0007962	.0001506
%RSD	7.596972	.2457016	127.5788	102.4743	12.38794	211.4569	50.33649
#1	.0018523	11.34110	-.000031	-.000605	-.054946	.0000223	.0001819
#2	.0015997	11.38752	.000466	-.000123	-.043552	-.000181	.0004689
#3	.0016743	11.39127	.000156	-.000103	-.053873	.001288	.0002465

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0106099**	**-.002143**	**-.000255**	**.0020243**	**-.000764**	**.0034255**	**.0004435**
Stddev	.0085621	.000157	.000193	.0003733	.000429	.0065704	.0015952
%RSD	80.69928	7.322695	75.82702	18.44238	56.20391	191.8121	359.7048
#1	.0200382	-.002321	-.000032	.0024552	-.000268	.0056926	-.000406
#2	.0084728	-.002085	-.000367	.0018203	-.001026	.0085621	.002284
#3	.0033188	-.002024	-.000366	.0017974	-.000997	-.003978	-.000547

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: ICSABDLX20 Acquired: 4/23/2025 16:10:45 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB01DLX20 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0100844	-.001880	.0045664
Stddev	.0024559	.000834	.0000268
%RSD	24.35357	44.37083	.5857895
#1	.0127716	-.001776	.0045866
#2	.0095257	-.001103	.0045766
#3	.0079561	-.002762	.0045361

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3162.016	71836.03	11595.77	2093.090	4878.358
Stddev	11.278	64.66	49.78	.734	10.682
%RSD	.3566799	.0900173	.4292949	.0350502	.2189594
#1	3155.361	71761.96	11552.62	2093.344	4874.707
#2	3155.649	71864.88	11584.46	2092.264	4869.981
#3	3175.038	71881.24	11650.23	2093.664	4890.387

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: CCV01 Acquired: 4/23/2025 16:15:02 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	**5.033062**	**4.990659**	**4.973772**	**5.077070**	**5.030339**	**9.725596**	**9.806173**
Stddev	.051581	.059562	.048171	.065616	.055158	.012917	.065923
%RSD	1.024851	1.193465	.9685048	1.292399	1.096499	.1328156	.6722579
#1	4.987878	4.937799	4.947473	5.037167	4.998698	9.714795	9.745813
#2	5.022046	4.978984	4.944475	5.041242	4.998289	9.739904	9.876519
#3	5.089261	5.055193	5.029369	5.152800	5.094029	9.722089	9.796186

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2426961**	**2.473822**	**24.26353**	**1.004328**	**2.473649**	**1.256042**	**5.159911**
Stddev	.0006107	.026060	.01565	.003048	.024467	.012868	.001731
%RSD	.2516133	1.053429	.0644994	.3034625	.9890944	1.024523	.0335553
#1	.2427752	2.459835	24.24596	1.000913	2.462727	1.250773	5.161808
#2	.2432634	2.457742	24.26867	1.005301	2.456545	1.246644	5.159509
#3	.2420498	2.503889	24.27597	1.006770	2.501674	1.270708	5.158416

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.422531**	**24.15163**	**2.483511**	**1.263997**	**25.65073**	**2.434568**	**2.523657**
Stddev	.005134	.07545	.022275	.001319	.05119	.002542	.004018
%RSD	.2119287	.3123970	.8969328	.1043349	.1995592	.1044122	.1592192
#1	2.423300	24.06476	2.472442	1.263983	25.64796	2.435589	2.526864
#2	2.427237	24.18944	2.468937	1.265322	25.60099	2.436441	2.519149
#3	2.417056	24.20070	2.509152	1.262685	25.70325	2.431674	2.524957

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**25.64663**	**4.815478**	**4.988466**	**4.951941**	**4.868666**	**5.128108**	**4.975097**
Stddev	.04080	.015207	.054509	.054757	.005008	.028238	.042733
%RSD	.1590800	.3157898	1.092697	1.105778	.1028636	.5506543	.8589370
#1	25.65829	4.814562	4.962718	4.918831	4.874449	5.101170	4.950471
#2	25.60127	4.831122	4.951601	4.921847	4.865735	5.125667	4.950380
#3	25.68033	4.800749	5.051079	5.015146	4.865814	5.157487	5.024441

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: CCV01 Acquired: 4/23/2025 16:15:02 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	**4.989282**	**4.815897**	**4.886777**
Stddev	.055773	.011140	.009705
%RSD	1.117849	.2313139	.1985905
#1	4.947517	4.820780	4.884387
#2	4.967709	4.823761	4.897454
#3	5.052618	4.803150	4.878491

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3077.640**	**71060.10**	**10727.02**	**2040.641**	**4622.582**
Stddev	20.762	161.07	15.36	4.025	29.934
%RSD	.6746120	.2266676	.1431919	.1972636	.6475498
#1	3081.843	71226.89	10739.39	2040.814	4631.723
#2	3095.978	71047.97	10709.83	2044.577	4646.880
#3	3055.097	70905.43	10731.84	2036.532	4589.144

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: CCB01 Acquired: 4/23/2025 16:19:13 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005638**	**.0031520**	**.0006932**	**-.003111**	**.0004815**	**.0009597**
Stddev	.0011215	.0015613	.0010593	.001340	.0008901	.0045069
%RSD	198.9336	49.53284	152.8020	43.08769	184.8654	469.6437
#1	.0005552	.0020447	.0003812	-.004617	-.000030	-.003501
#2	.0016895	.0024735	-.000175	-.002049	-.000035	.000868
#3	-.000553	.0049377	.001874	-.002666	.001509	.005512

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000064**	**-.000034**	**.0001242**	**-.009175**	**-.000406**	**.0001527**
Stddev	.000511	.000015	.0000393	.009997	.000056	.0000268
%RSD	793.7112	44.48324	31.64044	108.9670	13.83298	17.50997
#1	-.000557	-.000052	.0000833	-.016013	-.000377	.0001249
#2	-.000100	-.000024	.0001276	.002299	-.000471	.0001550
#3	.000463	-.000027	.0001616	-.013810	-.000370	.0001783

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005580**	**.0032435**	**.0004473**	**-.011813**	**.0001446**	**-.000295**
Stddev	.0001178	.0015892	.0001956	.016195	.0002600	.000125
%RSD	21.11185	48.99554	43.72914	137.0995	179.7826	42.29555
#1	.0005255	.0014928	.0002934	-.004911	.0001285	-.000393
#2	.0006886	.0045951	.0003812	-.000212	-.000107	-.000155
#3	.0004598	.0036425	.0006674	-.030315	.000412	-.000338

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.039102**	**.0004607**	**.0001985**	**.0195365**	**.0031457**	**.0001901**
Stddev	.003876	.0021230	.0002832	.0356957	.0007367	.0001600
%RSD	9.912872	460.8442	142.6796	182.7123	23.42012	84.15014
#1	-.035572	.0007781	-.000109	-.015526	.0038464	.0000647
#2	-.043250	.0024071	.000257	.018302	.0023776	.0003703
#3	-.038484	-.001803	.000448	.055834	.0032131	.0001354

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: CCB01 Acquired: 4/23/2025 16:19:13 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034431	-.000471	-.001196	.0043600	F .0159136	-.002636
Stddev	.0006658	.000785	.004585	.0027616	.0041503	.000075
%RSD	19.33866	166.7883	383.4199	63.33947	26.08029	2.841622
#1	.0029946	-.001299	-.005176	.0018492	.0171057	-.002550
#2	.0031264	.000263	-.002229	.0073179	.0193375	-.002685
#3	.0042081	-.000376	.003818	.0039130	.0112977	-.002673

Elem	Sr4077
Units	ppm
Avg	.0000062
Stddev	.0000978
%RSD	1581.490
#1	.0001190
#2	-.000047
#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	3206.820	73453.23	10669.01	2125.490	4995.184
Stddev	12.136	55.16	31.65	7.050	12.621
%RSD	.3784326	.0750991	.2966173	.3316958	.2526659
#1	3206.407	73491.45	10636.67	2117.892	4996.776
#2	3194.895	73478.24	10670.45	2131.819	4981.843
#3	3219.156	73389.99	10699.92	2126.760	5006.934

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: PB167713BL Acquired: 4/23/2025 16:23:33 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	.0002720	.0009167	.0003259	-.000073	.0009810	.0072807	-.000445
Stddev	.0020535	.0009505	.0005135	.003062	.0019206	.0049441	.001180
%RSD	754.9270	103.6894	157.5664	4217.935	195.7851	67.90703	265.1809
#1	-.000384	-.000005	-.000149	.003222	-.000735	.0077392	.000794
#2	-.001374	.000861	.000255	-.002830	.003056	.0021233	-.001556
#3	.002573	.001894	.000871	-.000610	.000622	.0119796	-.000574

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000035	.0000653	-.009634	-.000326	.0000042	.0001768	-.002621
Stddev	.000007	.0000559	.017053	.000239	.0001521	.0000922	.001808
%RSD	19.10139	85.74087	177.0154	73.46223	3601.938	52.12297	68.99472
#1	-.000030	.0000694	.001387	-.000536	.0000510	.0000723	-.004709
#2	-.000033	.0001190	-.001012	-.000065	.0001274	.0002465	-.001591
#3	-.000043	.0000074	-.029276	-.000377	-.000166	.0002116	-.001563

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014113	-.003648	-.000066	-.000266	-.043048	.0010392	.0000389
Stddev	.0001653	.017503	.000248	.000373	.010060	.0009758	.0000470
%RSD	11.71050	479.8335	377.5225	140.0980	23.36835	93.89693	120.7258
#1	.0013938	.011517	-.000286	-.000621	-.042801	-.000079	.0000911
#2	.0012554	-.022801	-.000115	.000122	-.033115	.001476	.0000261
#3	.0015846	.000340	.000203	-.000298	-.053229	.001720	-.000000

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.030812	-.001315	-.000364	.0032622	-.000694	-.009397	.0004518
Stddev	.064840	.000648	.000245	.0002242	.000180	.005674	.0009202
%RSD	210.4418	49.31629	67.50598	6.873764	25.96256	60.37463	203.6861
#1	-.077419	-.000872	-.000174	.0034333	-.000639	-.009303	.0009568
#2	.043237	-.002059	-.000276	.0030084	-.000547	-.015118	-.000610
#3	-.058253	-.001013	-.000641	.0033451	-.000895	-.003772	.001009

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: PB167713BL Acquired: 4/23/2025 16:23:33 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	**-.000368**	**-.001397**	**-.000193**
Stddev	.003693	.000824	.000035
%RSD	1004.716	58.95517	17.91817
#1	-.004604	-.000447	-.000233
#2	.001331	-.001909	-.000172
#3	.002171	-.001835	-.000174

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3199.648**	**73474.65**	**11218.83**	**2125.226**	**5012.010**
Stddev	4.437	169.51	193.06	8.259	13.097
%RSD	.1386617	.2307096	1.720850	.3886195	.2613187
#1	3194.593	73617.65	10996.66	2133.765	4997.044
#2	3201.453	73287.40	11314.01	2124.634	5017.608
#3	3202.898	73518.88	11345.81	2117.279	5021.378

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: PB167713BS Acquired: 4/23/2025 16:27:53 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	**.8163418**	**2.017914**	**1.000476**	**2.061559**	**.8455838**	**1.882452**
Stddev	.0032308	.003939	.002037	.003222	.0027574	.008630
%RSD	.3957651	.1952152	.2035913	.1562811	.3260962	.4584257
#1	.8132078	2.013688	.999153	2.062943	.8453808	1.882770
#2	.8196614	2.018570	.999455	2.063858	.8429335	1.873668
#3	.8161562	2.021484	1.002822	2.057877	.8484371	1.890919

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1881025**	**.1862117**	**.2019590**	**.9776266**	**.4031695**	**.1953736**
Stddev	.0020283	.0009304	.0002717	.0078197	.0012054	.0003140
%RSD	1.078297	.4996498	.1345105	.7998668	.2989877	.1607033
#1	.1860134	.1856485	.2022722	.9688256	.4043917	.1952550
#2	.1900640	.1857009	.2018165	.9837750	.4031353	.1951362
#3	.1882301	.1872856	.2017883	.9802791	.4019815	.1957296

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3069302**	**3.164349**	**.1976803**	**1.864884**	**.4923210**	**.0753516**
Stddev	.0008626	.040065	.0015808	.009899	.0007891	.0000251
%RSD	.2810441	1.266123	.7996819	.5308301	.1602717	.0333333
#1	.3068894	3.151115	.1967863	1.868270	.4914386	.0753397
#2	.3060887	3.209356	.1995056	1.853736	.4929586	.0753347
#3	.3078125	3.132575	.1967491	1.872646	.4925658	.0753805

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.029515**	**.2890355**	**.2062926**	**10.07501**	**.2771141**	**.4232538**
Stddev	.031167	.0009875	.0022603	.10862	.0024818	.0022986
%RSD	1.028776	.3416493	1.095664	1.078080	.8955679	.5430869
#1	3.010659	.2901713	.2038939	10.09661	.2754029	.4215906
#2	3.065489	.2885543	.2083827	10.17121	.2759791	.4222941
#3	3.012396	.2883809	.2066013	9.95722	.2799604	.4258768

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: PB167713BS Acquired: 4/23/2025 16:27:53 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	**.7159854**	**.2004274**	F **.7456745**	**5.727487**	F **-.005740**	**.2006224**
Stddev	.0003971	.0004189	.0070502	.009369	.006287	.0014687
%RSD	.0554649	.2089998	.9454778	.1635824	109.5400	.7320579
#1	.7158022	.2000781	.7454443	5.724643	.000504	.1999636
#2	.7157129	.2003122	.7528370	5.737948	-.005654	.2023052
#3	.7164410	.2008918	.7387422	5.719869	-.012070	.1995985

Elem	Sr4077
Units	ppm
Avg	**.1975403**
Stddev	.0008029
%RSD	.4064619
#1	.1970203
#2	.1984651
#3	.1971356

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3176.984**	**73153.74**	**11299.41**	**2107.177**	**4974.879**
Stddev	6.522	305.15	34.36	9.826	9.735
%RSD	.2052967	.4171317	.3040714	.4663271	.1956750
#1	3184.258	73154.95	11317.43	2111.990	4979.132
#2	3171.656	72847.98	11321.01	2095.872	4963.741
#3	3175.040	73458.27	11259.79	2113.670	4981.762

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1852-01 Acquired: 4/23/2025 16:31:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	.0364189	.0051084	.0906929	.0068836	-.002017	106.9955	.4907367
Stddev	.0010102	.0038400	.0014757	.0044456	.000941	.1843	.0007596
%RSD	2.773751	75.17083	1.627188	64.58289	46.63959	.1722295	.1547857
#1	.0374545	.0042641	.0923544	.0019471	-.001777	106.9429	.4908769
#2	.0363659	.0093003	.0901900	.0105712	-.001219	107.2004	.4914164
#3	.0354363	.0017608	.0895344	.0081325	-.003054	106.8433	.4899168

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058217	-.006413	26.88359	.1938890	.1152540	.2917287	256.6028
Stddev	.0001302	.000866	.03512	.0021757	.0007557	.0038567	2.6612
%RSD	2.236504	13.50154	.1306238	1.122155	.6556575	1.322000	1.037086
#1	.0056769	-.006284	26.92272	.1927498	.1154322	.2932089	255.9710
#2	.0058589	-.005619	26.87322	.1925195	.1159047	.2946259	254.3144
#3	.0059292	-.007336	26.85482	.1963978	.1144252	.2873512	259.5231

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.626954	42.31234	.1867853	.0071856	2.227545	.4033173	.5201184
Stddev	.004734	.01386	.0001028	.0001328	.016471	.0024122	.0045712
%RSD	.1023165	.0327486	.0550536	1.848711	.7394137	.5980826	.8788816
#1	4.632332	42.31048	.1866670	.0070508	2.226640	.4056356	.5180363
#2	4.623417	42.32703	.1868350	.0071895	2.211546	.4034952	.5169588
#3	4.625114	42.29950	.1868538	.0073164	2.244450	.4008211	.5253600

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.370931	.1102464	.0005731	.0007315	4.817447	5.709064	6.358484
Stddev	.046172	.0046865	.0001828	.0004382	.015095	.070097	.021718
%RSD	.7247265	4.250944	31.89849	59.90508	.3133484	1.227817	.3415624
#1	6.350508	.1090860	.0007349	.0002326	4.811215	5.778353	6.367885
#2	6.338493	.1062491	.0003748	.0010540	4.834661	5.638186	6.373918
#3	6.423793	.1154041	.0006095	.0009080	4.806466	5.710654	6.333649

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1852-01 Acquired: 4/23/2025 16:31:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	.2241064	.2087431	.1033567
Stddev	.0019829	.0019070	.0000580
%RSD	.8847820	.9135710	.0561277
#1	.2251031	.2072263	.1033892
#2	.2218229	.2081191	.1033912
#3	.2253931	.2108839	.1032897

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3457.481	80408.66	12379.44	2281.156	4580.486
Stddev	12.300	766.69	37.55	19.511	13.378
%RSD	.3557495	.9534899	.3033097	.8553192	.2920651
#1	3451.369	80516.24	12338.45	2285.894	4571.018
#2	3449.433	81115.88	12387.69	2297.862	4574.649
#3	3471.640	79593.86	12412.17	2259.712	4595.791

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1852-03 Acquired: 4/23/2025 16:36:02 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	.0503928	.0036677	.0892501	.0019387	-.005006	98.15047	.8747246
Stddev	.0008645	.0036295	.0009522	.0025221	.000803	.47038	.0032790
%RSD	1.715496	98.95981	1.066885	130.0909	16.03085	.4792439	.3748565
#1	.0504179	.0076049	.0881531	.0037037	-.004160	97.87154	.8717855
#2	.0495160	.0004552	.0897341	.0030623	-.005103	97.88632	.8741272
#3	.0512444	.0029429	.0898630	-.000950	-.005756	98.69355	.8782613

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052952	-.006902	33.20955	.2244267	.1056668	.2611720	223.8068
Stddev	.0000669	.000429	.16100	.0037695	.0007391	.0032250	2.6729
%RSD	1.263871	6.216446	.4847961	1.679624	.6994396	1.234806	1.194284
#1	.0052228	-.007349	33.08993	.2285693	.1063138	.2596619	226.8546
#2	.0053549	-.006493	33.14612	.2211984	.1048614	.2648749	221.8615
#3	.0053077	-.006865	33.39260	.2235123	.1058252	.2589791	222.7043

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.453303	39.43356	.1857060	.0058016	1.575058	.3367665	.5563100
Stddev	.019803	.13648	.0001307	.0004045	.001236	.0017096	.0089569
%RSD	.4446878	.3460983	.0703839	6.971514	.0784632	.5076493	1.610054
#1	4.438153	39.39396	.1856763	.0061834	1.576411	.3361962	.5665369
#2	4.446044	39.32126	.1858490	.0053777	1.573989	.3354150	.5498608
#3	4.475711	39.58546	.1855927	.0058435	1.574774	.3386884	.5525324

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.715994	.1041870	.0038440	-.001514	4.041549	6.843333	6.073886
Stddev	.108965	.0013508	.0002031	.000413	.020088	.124463	.028536
%RSD	1.412197	1.296511	5.284379	27.25640	.4970394	1.818753	.4698131
#1	7.841374	.1057360	.0040724	-.001989	4.039310	6.981741	6.106101
#2	7.644184	.1032543	.0036836	-.001241	4.022675	6.740609	6.063772
#3	7.662422	.1035706	.0037759	-.001313	4.062663	6.807651	6.051784

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1852-03 Acquired: 4/23/2025 16:36:02 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	.3669421	.2018055	.1119696
Stddev	.0057248	.0010351	.0006719
%RSD	1.560140	.5129385	.6000695
#1	.3604035	.2026247	.1115183
#2	.3693696	.2006421	.1116487
#3	.3710532	.2021497	.1127418

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3483.965	78311.26	12217.68	2243.136	4728.339
Stddev	13.650	1070.85	70.64	29.345	14.416
%RSD	.3917952	1.367422	.5781409	1.308194	.3048850
#1	3469.856	77132.64	12238.82	2211.305	4714.443
#2	3484.933	79224.38	12275.34	2269.112	4727.351
#3	3497.105	78576.78	12138.89	2248.990	4743.224

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1852-05 Acquired: 4/23/2025 16:40:08 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	**.0420158**	**.0015488**	**.0939725**	**-.005111**	**-.003627**	**93.76812**	**.6410427**
Stddev	.0024528	.0011701	.0013798	.003284	.003351	.32288	.0042681
%RSD	5.837923	75.55414	1.468287	64.25426	92.39446	.3443438	.6658031
#1	.0434102	.0008927	.0951499	-.008683	-.006970	94.04828	.6459088
#2	.0434536	.0028997	.0943133	-.004425	-.003644	93.84109	.6392856
#3	.0391836	.0008539	.0924542	-.002224	-.000267	93.41499	.6379336

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0052201**	**-.004059**	**167.1204**	**.1853253**	**.0967614**	**.2477909**	**218.3050**
Stddev	.0000299	.000443	.6943	.0001993	.0006793	.0033126	1.1585
%RSD	.5720086	10.91673	.4154725	.1075302	.7020720	1.336833	.5306828
#1	.0052544	-.003849	167.8931	.1855328	.0968818	.2495877	218.6849
#2	.0052005	-.003760	166.9190	.1851355	.0973726	.2498169	217.0042
#3	.0052053	-.004569	166.5490	.1853075	.0960300	.2439682	219.2258

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.014209**	**119.9138**	**.1782409**	**.0052051**	**2.241646**	**.3496878**	**.8380720**
Stddev	.017681	.3452	.0016746	.0002571	.016763	.0029071	.0009105
%RSD	.4404541	.2878715	.9394958	4.939810	.7477950	.8313289	.1086410
#1	4.033777	120.3029	.1792780	.0054630	2.242091	.3511703	.8383789
#2	4.009471	119.7940	.1791356	.0049488	2.224665	.3463384	.8370477
#3	3.999381	119.6444	.1763090	.0052035	2.258182	.3515548	.8387893

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.166437**	**.1159036**	**.0013617**	**-.003688**	**4.140485**	**8.146990**	**5.719741**
Stddev	.029368	.0019972	.0004339	.000402	.017767	.065858	.033058
%RSD	.4097951	1.723175	31.86495	10.89469	.4291060	.8083725	.5779565
#1	7.160453	.1169284	.0008625	-.003350	4.160990	8.073525	5.749153
#2	7.140522	.1136020	.0016486	-.004132	4.130796	8.166710	5.726107
#3	7.198336	.1171805	.0015738	-.003581	4.129668	8.200735	5.683964

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1852-05 Acquired: 4/23/2025 16:40:08 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	.4656506	.1713931	.1752473
Stddev	.0064186	.0011374	.0006981
%RSD	1.378423	.6636348	.3983740
#1	.4720523	.1720904	.1758598
#2	.4656845	.1720084	.1753951
#3	.4592151	.1700806	.1744871

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3325.800	76950.42	11861.70	2167.670	4451.231
Stddev	17.493	252.38	44.77	13.225	20.862
%RSD	.5259868	.3279774	.3774530	.6101093	.4686695
#1	3315.155	76903.48	11824.03	2171.885	4437.856
#2	3316.255	77222.98	11849.88	2178.274	4440.569
#3	3345.989	76724.81	11911.20	2152.851	4475.269

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1852-07 Acquired: 4/23/2025 16:44:15 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	**.0294483**	**.0012154**	**.0614890**	**-.002413**	**-.002553**	**112.6751**	**.4269127**
Stddev	.0029639	.0038278	.0018581	.011407	.002418	.1850	.0025268
%RSD	10.06487	314.9550	3.021827	472.7705	94.69070	.1641698	.5918674
#1	.0289781	.0026753	.0604850	.010555	-.000179	112.8737	.4296239
#2	.0326193	-.003128	.0603489	-.010896	-.005012	112.6440	.4264908
#3	.0267476	.004098	.0636331	-.006897	-.002469	112.5077	.4246235

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0050567**	**-.008119**	**170.1588**	**.2399029**	**.1303780**	**.3328149**	**280.2051**
Stddev	.0000969	.000547	.4054	.0009321	.0008735	.0018676	2.3564
%RSD	1.916169	6.736708	.2382568	.3885174	.6699881	.5611524	.8409499
#1	.0050966	-.008749	170.4400	.2398474	.1307528	.3311528	282.8821
#2	.0049462	-.007774	169.6940	.2408614	.1310015	.3348359	279.2883
#3	.0051272	-.007833	170.3422	.2389998	.1293796	.3324561	278.4450

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.552870**	**128.2670**	**.2153507**	**.0095779**	**2.206691**	**.4286872**	**.5938306**
Stddev	.016001	.3141	.0010180	.0002205	.023995	.0030882	.0028636
%RSD	.3514407	.2448624	.4727297	2.301941	1.087377	.7203886	.4822213
#1	4.570022	128.3752	.2163546	.0098221	2.213350	.4320322	.5969992
#2	4.538345	127.9131	.2153785	.0095184	2.226653	.4280848	.5930651
#3	4.550244	128.5126	.2143191	.0093934	2.180070	.4259445	.5914276

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.320303**	**.1445996**	**.0007053**	**-.008382**	**6.495762**	**6.310241**	**5.787194**
Stddev	.040773	.0044144	.0005904	.000208	.016893	.096223	.009255
%RSD	.6451052	3.052834	83.70846	2.482293	.2600547	1.524867	.1599181
#1	6.356140	.1496234	.0007054	-.008143	6.513927	6.339772	5.783113
#2	6.328828	.1428346	.0001149	-.008523	6.492834	6.388238	5.797787
#3	6.275943	.1413408	.0012958	-.008480	6.480525	6.202714	5.780680

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1852-07 Acquired: 4/23/2025 16:44:15 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	.3272434	.2012465	.1722388
Stddev	.0093042	.0016545	.0010039
%RSD	2.843195	.8221252	.5828426
#1	.3242421	.2023969	.1732624
#2	.3376778	.2019923	.1721981
#3	.3198103	.1993504	.1712559

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3276.843	76081.59	12705.49	2139.207	4362.797
Stddev	16.191	147.61	64.05	13.051	13.097
%RSD	.4940988	.1940103	.5040929	.6100855	.3002053
#1	3269.969	75930.74	12768.11	2124.765	4355.463
#2	3265.224	76088.31	12708.24	2142.701	4355.011
#3	3295.337	76225.73	12640.11	2150.156	4377.919

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1853-01 Acquired: 4/23/2025 16:48:21 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	**.1046501**	**.0094827**	**3.316922**	**.0068635**	**-.001609**	**103.9188**	**1.367005**
Stddev	.0011872	.0019757	.016372	.0065277	.000658	.0961	.002638
%RSD	1.134496	20.83450	.4935862	95.10770	40.88845	.0924929	.1929917
#1	.1059858	.0115045	3.320807	.0068215	-.002159	103.8647	1.368182
#2	.1042499	.0093870	3.331002	.0003568	-.001787	104.0298	1.368850
#3	.1037147	.0075566	3.298957	.0134120	-.000880	103.8619	1.363983

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0061527**	**-.002877**	**38.53330**	**.2687885**	**.0817429**	**.5786051**	**227.3053**
Stddev	.0000451	.000051	.05876	.0003732	.0002969	.0008506	.9814
%RSD	.7326584	1.775242	.1525033	.1388634	.3632238	.1470097	.4317743
#1	.0061821	-.002904	38.50250	.2687884	.0817490	.5780923	226.9509
#2	.0061008	-.002818	38.60106	.2684153	.0820368	.5795870	228.4147
#3	.0061752	-.002908	38.49633	.2691618	.0814430	.5781360	226.5503

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.258381**	**27.88934**	**.1805567**	**.0096752**	**7.170701**	**.3049644**	**2.753943**
Stddev	.004370	.05438	.0003865	.0003004	.038044	.0001052	.010227
%RSD	.1341163	.1949699	.2140820	3.104940	.5305538	.0344965	.3713670
#1	3.258585	27.84305	.1809636	.0093819	7.170241	.3048844	2.758129
#2	3.262645	27.87575	.1805124	.0096615	7.208974	.3049253	2.742286
#3	3.253912	27.94922	.1801943	.0099822	7.132889	.3050836	2.761412

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.092282**	**.1251780**	**.0033175**	**.4649314**	**2.452728**	**10.05577**	**6.321466**
Stddev	.051739	.0014999	.0005091	.0039704	.008716	.06125	.035127
%RSD	.8492627	1.198244	15.34543	.8539663	.3553787	.6090682	.5556787
#1	6.125585	.1258542	.0035072	.4667006	2.444001	9.98831	6.329544
#2	6.118585	.1262209	.0027408	.4677096	2.461434	10.07111	6.351851
#3	6.032675	.1234591	.0037046	.4603840	2.452751	10.10789	6.283004

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1853-01 Acquired: 4/23/2025 16:48:21 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	3.418836	.1890444	.2074811
Stddev	.021713	.0013843	.0009567
%RSD	.6350993	.7322341	.4611222
#1	3.421984	.1881130	.2071984
#2	3.438804	.1906350	.2085474
#3	3.395722	.1883851	.2066976

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3426.982	78080.10	12905.81	2235.204	4674.074
Stddev	1.432	201.12	12.05	3.798	11.332
%RSD	.0417899	.2575859	.0933836	.1699234	.2424495
#1	3428.538	78209.84	12919.60	2239.519	4665.605
#2	3425.719	77848.42	12900.58	2233.726	4669.669
#3	3426.689	78182.05	12897.26	2232.368	4686.947

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1854-01 Acquired: 4/23/2025 16:52:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	.0427998	.0118293	.2193268	-.002443	-.000942	127.2046	.6231345
Stddev	.0046832	.0045504	.0020221	.003715	.000656	.0194	.0023555
%RSD	10.94221	38.46720	.9219431	152.0912	69.59822	.0152825	.3780155
#1	.0378400	.0123792	.2211910	.001679	-.000645	127.2262	.6257723
#2	.0471460	.0160798	.2196123	-.005533	-.000487	127.1884	.6223903
#3	.0434134	.0070289	.2171772	-.003473	-.001693	127.1993	.6212410

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0146129	-.002493	17.92427	.3038487	.1918860	.1264369	301.5765
Stddev	.0000184	.000200	.01792	.0024725	.0002925	.0025156	.5165
%RSD	.1262233	8.034177	.0999663	.8137123	.1524130	1.989590	.1712734
#1	.0145916	-.002534	17.91821	.3023736	.1919905	.1251586	302.0183
#2	.0146232	-.002276	17.91016	.3024693	.1921119	.1293349	301.7025
#3	.0146239	-.002670	17.94443	.3067031	.1915557	.1248171	301.0086

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.333134	84.54381	.3518012	.0056226	2.240867	.3805477	.5374749
Stddev	.014379	.18980	.0010489	.0003540	.009108	.0021265	.0017478
%RSD	.2696132	.2245006	.2981546	6.295739	.4064337	.5588068	.3251781
#1	5.348353	84.76185	.3523337	.0054740	2.230364	.3828927	.5378307
#2	5.319777	84.41560	.3524771	.0060267	2.245650	.3787444	.5355766
#3	5.331272	84.45398	.3505929	.0053672	2.246586	.3800059	.5390174

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.509321	.1257144	.0004994	.0078157	3.116303	5.088318	5.746562
Stddev	.040731	.0048346	.0001814	.0007617	.006973	.050407	.036586
%RSD	.4283236	3.845717	36.33557	9.746363	.2237469	.9906408	.6366504
#1	9.467201	.1283229	.0003713	.0070325	3.115350	5.129335	5.771967
#2	9.548503	.1286845	.0004198	.0085540	3.109855	5.103575	5.763091
#3	9.512258	.1201358	.0007070	.0078605	3.123702	5.032046	5.704629

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1854-01 Acquired: 4/23/2025 16:52:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	**2.806006**	**.3608608**	**.1534335**
Stddev	.020073	.0005287	.0002076
%RSD	.7153640	.1465114	.1352720
#1	2.828929	.3604624	.1536491
#2	2.797514	.3614606	.1532350
#3	2.791574	.3606593	.1534163

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3653.782**	**85295.35**	**13098.20**	**2425.612**	**4531.323**
Stddev	15.136	309.67	50.06	.778	13.743
%RSD	.4142458	.3630617	.3822074	.0320832	.3032891
#1	3644.159	85620.15	13122.61	2426.346	4521.018
#2	3645.958	85262.50	13131.37	2424.796	4526.025
#3	3671.228	85003.42	13040.61	2425.693	4546.927

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1858-01 Acquired: 4/23/2025 16:56:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	.1047467	-.075606	.4365993	-.040521	-.013058	435.1923
Stddev	.0037330	.004273	.0008005	.011868	.005973	1.5359
%RSD	3.563822	5.651356	.1833402	29.28884	45.74078	.3529285
#1	.1035814	-.072230	.4364963	-.030749	-.015216	436.9120
#2	.1089233	-.080410	.4358553	-.037087	-.006306	433.9569
#3	.1017353	-.074177	.4374462	-.053728	-.017651	434.7081

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.587502	.0405384	.0652146	25.47711	1.019521	.6120421
Stddev	.002782	.0001667	.0017591	.04337	.000456	.0030568
%RSD	.1075352	.4110835	2.697476	.1702127	.0447070	.4994395
#1	2.588294	.0407201	.0638155	25.51520	1.019971	.6123194
#2	2.584409	.0403927	.0671895	25.42992	1.019060	.6149507
#3	2.589803	.0405024	.0646389	25.48621	1.019534	.6088561

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.261940	804.0362	7.091776	139.5293	.6245770	.0115447
Stddev	.005290	5.6841	.010636	.3169	.0023339	.0009295
%RSD	.4191987	.7069509	.1499757	.2271335	.3736759	8.051008
#1	1.262339	810.4234	7.103757	139.8947	.6240733	.0126118
#2	1.267019	799.5339	7.083447	139.3291	.6271216	.0109119
#3	1.256461	802.1514	7.088124	139.3642	.6225361	.0111104

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.995116	2.202255	1.641385	119.5980	.2488086	.1381158
Stddev	.011674	.000745	.004712	.6113	.0029598	.0000635
%RSD	.5851424	.0338233	.2871046	.5111462	1.189586	.0459933
#1	1.982460	2.202052	1.643489	119.0292	.2509972	.1381247
#2	1.997423	2.203080	1.635987	119.5203	.2454410	.1380483
#3	2.005464	2.201632	1.644679	120.2444	.2499877	.1381744

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1858-01 Acquired: 4/23/2025 16:56:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	.0234407	18.90859	5.243561	F 24.79109	10.52312	.6979187
Stddev	.0018601	.03951	.048600	.04207	.02277	.0020779
%RSD	7.935437	.2089584	.9268507	.1696902	.2163454	.2977289
#1	.0249295	18.92079	5.218499	24.79134	10.50415	.7002858
#2	.0213555	18.86442	5.212608	24.83303	10.54837	.6963958
#3	.0240370	18.94057	5.299576	24.74890	10.51683	.6970744

Elem	Sr4077
Units	ppm
Avg	.2079751
Stddev	.0004005
%RSD	.1925911
#1	.2077983
#2	.2076933
#3	.2084336

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4392.153	103065.5	16567.29	2905.549	4061.583
Stddev	13.507	388.9	22.01	13.589	14.391
%RSD	.3075198	.3773223	.1328224	.4676991	.3543263
#1	4377.702	103417.9	16547.17	2917.258	4054.364
#2	4394.296	103130.4	16590.79	2908.742	4052.230
#3	4404.459	102648.3	16563.90	2890.648	4078.155

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1858-01DUP Acquired: 4/23/2025 17:00:49 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	**.1012197**	**-.057368**	**.4531612**	**-.028516**	**-.011894**	**410.8870**
Stddev	.0035409	.004743	.0038221	.000706	.002037	3.1676
%RSD	3.498264	8.268327	.8434245	2.475651	17.12440	.7709065
#1	.0976792	-.051894	.4559244	-.027839	-.013734	413.6260
#2	.1012190	-.060243	.4487993	-.029248	-.009705	407.4183
#3	.1047610	-.059969	.4547597	-.028461	-.012244	411.6169

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.481386**	**.0341811**	**.0493897**	**31.25974**	**.9092815**	**.5704848**
Stddev	.001767	.0002790	.0005254	.13985	.0037602	.0022019
%RSD	.0712279	.8162597	1.063784	.4473772	.4135351	.3859739
#1	2.482551	.0343687	.0488040	31.38413	.9073323	.5689195
#2	2.482255	.0343141	.0498195	31.10836	.9136161	.5695323
#3	2.479353	.0338604	.0495456	31.28672	.9068962	.5730026

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.154228**	**758.4053**	**6.607655**	**130.9622**	**.6106343**	**.0153472**
Stddev	.002277	5.4845	.013314	.3501	.0026267	.0011237
%RSD	.1972361	.7231587	.2014976	.2673004	.4301523	7.321703
#1	1.153859	756.3352	6.620676	131.2645	.6102160	.0156786
#2	1.156667	754.2571	6.594066	130.5787	.6082419	.0140951
#3	1.152159	764.6235	6.608224	131.0435	.6134450	.0162680

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.164807**	**1.968269**	**1.598717**	**116.0863**	**.3033692**	**.1400817**
Stddev	.009922	.002625	.005316	.3742	.0104386	.0002445
%RSD	.4583345	.1333800	.3325401	.3223755	3.440894	.1745326
#1	2.157996	1.967146	1.596350	115.6765	.2980880	.1398806
#2	2.176191	1.966392	1.604805	116.4100	.2966265	.1400106
#3	2.160233	1.971269	1.594995	116.1723	.3153931	.1403539

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1858-01DUP Acquired: 4/23/2025 17:00:49 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	.0264202	17.75615	5.302737	F 20.44485	9.190647	.6531217
Stddev	.0047266	.01771	.022824	.13348	.054341	.0016021
%RSD	17.89014	.0997283	.4304145	.6528829	.5912682	.2452966
#1	.0313999	17.77624	5.320783	20.35923	9.163305	.6520742
#2	.0219958	17.74279	5.310348	20.37667	9.155406	.6523248
#3	.0258649	17.74942	5.277080	20.59865	9.253229	.6549659

Elem	Sr4077
Units	ppm
Avg	.2268214
Stddev	.0002723
%RSD	.1200592
#1	.2270850
#2	.2265411
#3	.2268381

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4434.018	102673.8	17003.85	2897.841	4121.208
Stddev	9.729	27.0	65.59	7.611	17.021
%RSD	.2194238	.0263219	.3857512	.2626405	.4130017
#1	4439.882	102660.3	16934.34	2906.397	4128.925
#2	4439.384	102704.9	17064.66	2895.297	4133.004
#3	4422.787	102656.1	17012.54	2891.827	4101.696

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: CCV02 Acquired: 4/23/2025 17:05:09 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	**4.951982**	**4.889624**	**4.932180**	**4.974081**	**4.988883**	**9.891432**	**9.749849**
Stddev	.014835	.043389	.012663	.021991	.024449	.032892	.047027
%RSD	.2995822	.8873687	.2567451	.4421083	.4900746	.3325303	.4823334
#1	4.965843	4.928232	4.944252	4.996999	5.013229	9.920171	9.785441
#2	4.953770	4.897972	4.933290	4.972092	4.989087	9.898567	9.696537
#3	4.936334	4.842667	4.918999	4.953152	4.964332	9.855558	9.767571

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2505119**	**2.458954**	**24.44020**	**1.009328**	**2.463753**	**1.248680**	**4.948586**
Stddev	.0021068	.008098	.08476	.005250	.006423	.002647	.051106
%RSD	.8409880	.3293200	.3468071	.5201172	.2606961	.2119829	1.032736
#1	.2529351	2.466828	24.52944	1.007070	2.469292	1.251390	4.902747
#2	.2491148	2.459384	24.36077	1.015329	2.465254	1.248549	5.003691
#3	.2494857	2.450650	24.43038	1.005586	2.456712	1.246101	4.939320

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.429648**	**24.45559**	**2.466302**	**1.256009**	**24.71707**	**2.458656**	**2.512653**
Stddev	.008653	.16725	.006786	.007243	.31437	.006356	.024385
%RSD	.3561432	.6838724	.2751502	.5766824	1.271872	.2585304	.9704829
#1	2.438134	24.63994	2.473399	1.253835	24.42916	2.465732	2.509899
#2	2.420837	24.31360	2.465630	1.264090	25.05249	2.456807	2.538298
#3	2.429971	24.41324	2.459877	1.250102	24.66956	2.453429	2.489762

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**24.38938**	**4.997911**	**5.013585**	**4.910748**	**4.876105**	**4.960054**	**4.800954**
Stddev	.28494	.048928	.023727	.016574	.002497	.051831	.023865
%RSD	1.168287	.9789690	.4732474	.3374948	.0512174	1.044975	.4970825
#1	24.09736	5.053018	5.037382	4.927449	4.878099	4.905717	4.813059
#2	24.66666	4.959571	5.013442	4.910491	4.873304	5.008950	4.816340
#3	24.40411	4.981143	4.989930	4.894305	4.876912	4.965495	4.773463

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: CCV02 Acquired: 4/23/2025 17:05:09 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	**4.819441**	**4.862514**	**4.882365**
Stddev	.024961	.007967	.044407
%RSD	.5179144	.1638404	.9095377
#1	4.839837	4.853614	4.932656
#2	4.826878	4.864952	4.848553
#3	4.791607	4.868978	4.865887

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3157.476**	**73141.72**	**10485.33**	**2056.657**	**4778.342**
Stddev	4.819	425.68	79.18	19.567	6.436
%RSD	.1526101	.5819901	.7551736	.9514130	.1346812
#1	3154.414	73355.85	10396.89	2065.660	4775.507
#2	3163.031	72651.50	10549.65	2034.208	4785.708
#3	3154.985	73417.83	10509.45	2070.102	4773.811

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: CCB02 Acquired: 4/23/2025 17:09:20 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	.0021303	.0024088	.0001655	-.003607	.0013488	-.000857	-.001923
Stddev	.0034804	.0013380	.0007588	.004218	.0007259	.003821	.000471
%RSD	163.3737	55.54794	458.6097	116.9343	53.81528	445.7568	24.47849
#1	.0047814	.0038775	.0010318	-.004445	.0006217	.000247	-.002453
#2	.0034204	.0012592	-.000154	.000967	.0013514	.002290	-.001553
#3	-.001811	.0020897	-.000381	-.007343	.0020734	-.005108	-.001763

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000022	-.000039	-.005140	-.000391	.0002978	.0005844	.0022121
Stddev	.000034	.000073	.004767	.000028	.0001427	.0006070	.0051287
%RSD	157.8708	188.3647	92.74896	7.064231	47.92016	103.8737	231.8436
#1	-.000044	-.000103	.000087	-.000411	.0002066	.0009310	-.003710
#2	.000018	-.000053	-.006258	-.000359	.0004622	.0009388	.005185
#3	-.000039	.000040	-.009248	-.000402	.0002246	-.000117	.005161

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016866	-.013812	-.000501	-.000056	-.052163	.0004253	-.000018
Stddev	.0004129	.015887	.000672	.000120	.006301	.0015052	.000288
%RSD	24.48156	115.0199	134.1186	215.6830	12.07945	353.8720	1586.267
#1	.0019941	-.032021	.000039	-.000016	-.053646	.0014192	-.000018
#2	.0018484	-.006635	-.000289	.000039	-.057590	-.001306	-.000306
#3	.0012173	-.002780	-.001254	-.000190	-.045252	.001163	.000269

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110187	.0005461	-.000074	.0037041	-.000176	-.000558	.0024383
Stddev	.0211998	.0008130	.000296	.0006585	.000342	.002716	.0017001
%RSD	192.3989	148.8670	400.7359	17.77672	194.0635	486.5856	69.72382
#1	-.012205	.0011970	-.000287	.0041915	.000183	.000175	.0004822
#2	.015927	-.000365	.000264	.0039658	-.000215	.001715	.0032735
#3	.029334	.000807	-.000198	.0029550	-.000496	-.003565	.0035593

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: CCB02 Acquired: 4/23/2025 17:09:20 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	.0019780	-.001859	-.000144
Stddev	.0049462	.000511	.000115
%RSD	250.0573	27.50641	80.37215
#1	.0038918	-.001631	-.000066
#2	.0056814	-.001500	-.000089
#3	-.003639	-.002444	-.000276

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3226.251	74134.58	10625.78	2099.439	5100.832
Stddev	2.868	202.55	28.32	6.379	6.671
%RSD	.0889080	.2732156	.2665180	.3038652	.1307897
#1	3223.950	74282.69	10599.39	2106.316	5095.494
#2	3225.340	73903.77	10622.25	2093.715	5108.311
#3	3229.465	74217.28	10655.70	2098.285	5098.691

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1858-01LX5 Acquired: 4/23/2025 17:13:40 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	**.0281941**	**-.000624**	**.0894911**	**-.002246**	**-.006243**	**119.4671**	**.7139503**
Stddev	.0029395	.001455	.0007394	.005001	.002097	.2018	.0014084
%RSD	10.42599	233.1064	.8262278	222.6763	33.58569	.1689009	.1972617
#1	.0282007	-.000821	.0900234	-.007662	-.005400	119.4399	.7143682
#2	.0252513	.000919	.0898031	.002196	-.004699	119.2803	.7123803
#3	.0311303	-.001972	.0886469	-.001271	-.008630	119.6811	.7151024

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0113321**	**-.008856**	**7.071541**	**.2981141**	**.1218925**	**.3738836**	**244.6026**
Stddev	.0000793	.000139	.038481	.0006175	.0005707	.0005443	.1300
%RSD	.7000403	1.570022	.5441692	.2071380	.4682436	.1455840	.0531314
#1	.0112859	-.008907	7.045848	.2974017	.1212385	.3743859	244.4623
#2	.0114237	-.008699	7.052991	.2984438	.1221484	.3739596	244.6265
#3	.0112867	-.008963	7.115783	.2984968	.1222905	.3733053	244.7189

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.036044**	**39.06352**	**.1314889**	**.0060318**	**.4927102**	**.6307850**	**.4711716**
Stddev	.005289	.16397	.0004448	.0001715	.0035860	.0007441	.0016629
%RSD	.2597560	.4197536	.3382766	2.842605	.7278190	.1179702	.3529281
#1	2.037595	38.91569	.1311616	.0058389	.4964995	.6311078	.4730643
#2	2.030153	39.03498	.1313098	.0060900	.4893696	.6299340	.4699452
#3	2.040383	39.23989	.1319954	.0061666	.4922617	.6313132	.4705052

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**30.76120**	**.1098862**	**.0384796**	**.0071854**	**5.323083**	**1.500227**	**5.006132**
Stddev	.07655	.0012411	.0002156	.0006991	.012448	.040562	.023363
%RSD	.2488668	1.129459	.5602486	9.728680	.2338563	2.703730	.4666915
#1	30.78317	.1087044	.0383233	.0074831	5.322670	1.546600	4.984510
#2	30.82437	.1097750	.0383900	.0076864	5.310846	1.482732	5.030914
#3	30.67606	.1111791	.0387255	.0063868	5.335733	1.471348	5.002971

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1858-01LX5 Acquired: 4/23/2025 17:13:40 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	**2.001271**	**.1974769**	**.0583111**
Stddev	.006794	.0001256	.0001138
%RSD	.3394726	.0636053	.1951960
#1	2.007659	.1973407	.0584421
#2	2.002019	.1975882	.0582367
#3	1.994133	.1975019	.0582544

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3481.043**	**78968.03**	**12401.76**	**2249.746**	**4677.105**
Stddev	5.859	202.34	56.31	3.395	5.098
%RSD	.1683249	.2562267	.4540161	.1509157	.1090000
#1	3480.633	79097.20	12424.30	2246.442	4682.182
#2	3487.097	79072.05	12443.30	2253.226	4677.147
#3	3475.399	78734.84	12337.67	2249.572	4671.986

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1858-01MS Acquired: 4/23/2025 17:17:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	**.5683859**	**1.645452**	**1.309503**	**1.096470**	**.1707251**	**414.3538**
Stddev	.0019265	.009027	.004795	.003838	.0003531	3.1133
%RSD	.3389419	.5485999	.3662041	.3499975	.2068380	.7513697
#1	.5705839	1.655715	1.309096	1.093775	.1703217	412.8436
#2	.5675834	1.641895	1.304924	1.100864	.1708750	412.2836
#3	.5669903	1.638745	1.314488	1.094772	.1709785	417.9342

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.757540**	**.1461697**	**.2426811**	**21.45763**	**1.112692**	**.7902264**
Stddev	.023597	.0008928	.0006258	.24074	.001647	.0012246
%RSD	.8557281	.6108147	.2578694	1.121920	.1479743	.1549665
#1	2.747744	.1454880	.2428252	21.36904	1.110799	.7907453
#2	2.740419	.1458407	.2419958	21.27373	1.113490	.7911061
#3	2.784458	.1471803	.2432223	21.73010	1.113788	.7888278

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.400232**	**721.5021**	**6.597072**	**141.7817**	**1.070755**	**.0580071**
Stddev	.003972	3.8224	.056215	1.0038	.001437	.0007669
%RSD	.2836812	.5297789	.8521264	.7080198	.1341978	1.322158
#1	1.396635	719.1451	6.567522	141.1536	1.069487	.0576513
#2	1.399566	725.9123	6.561795	141.2521	1.070462	.0588874
#3	1.404495	719.4489	6.661900	142.9394	1.072316	.0574828

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.806618**	**2.184613**	**1.697942**	**123.3406**	**.3783477**	**.3564132**
Stddev	.005436	.012237	.005814	.1162	.0054192	.0005710
%RSD	.1428092	.5601315	.3424005	.0942238	1.432329	.1602049
#1	3.810902	2.177956	1.693601	123.2676	.3779850	.3559290
#2	3.800502	2.177148	1.695677	123.2795	.3839392	.3562677
#3	3.808449	2.198735	1.704547	123.4746	.3731191	.3570428

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1858-01MS Acquired: 4/23/2025 17:17:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	.6546789	19.56892	6.046622	F 25.16438	8.388559	.7896780
Stddev	.0038955	.13826	.068963	.02732	.026767	.0024135
%RSD	.5950263	.7065262	1.140527	.1085604	.3190871	.3056341
#1	.6502936	19.49993	6.002750	25.19246	8.383654	.7881640
#2	.6577386	19.47872	6.126111	25.16278	8.417440	.7884088
#3	.6560044	19.72809	6.011004	25.13789	8.364585	.7924613

Elem	Sr4077
Units	ppm
Avg	.3117406
Stddev	.0025630
%RSD	.8221559
#1	.3106447
#2	.3099079
#3	.3146694

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4410.047	104958.7	16448.00	2950.412	4053.369
Stddev	12.021	129.2	89.57	8.412	2.219
%RSD	.2725787	.1230795	.5445822	.2851052	.0547491
#1	4423.837	104866.8	16487.39	2945.090	4055.865
#2	4404.519	104902.8	16511.13	2960.110	4051.618
#3	4401.784	105106.4	16345.48	2946.037	4052.625

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1858-01MSD Acquired: 4/23/2025 17:22:01 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	**.5794522**	**1.650103**	**1.349535**	**1.122348**	**.1799147**	**409.3582**
Stddev	.0033685	.005395	.007019	.004282	.0040672	3.7473
%RSD	.5813202	.3269703	.5200884	.3815002	2.260599	.9154084
#1	.5798491	1.655049	1.353911	1.120085	.1790055	406.6532
#2	.5826046	1.644349	1.353255	1.119673	.1843594	413.6355
#3	.5759028	1.650912	1.341439	1.127287	.1763790	407.7859

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.733388**	**.1451151**	**.2315345**	**26.54649**	**1.115661**	**.7851785**
Stddev	.017299	.0004818	.0020137	.16349	.002858	.0027985
%RSD	.6328705	.3320386	.8697198	.6158476	.2561298	.3564096
#1	2.753053	.1450749	.2323871	26.67937	1.118766	.7860142
#2	2.726590	.1456158	.2329816	26.59618	1.115074	.7874638
#3	2.720521	.1446546	.2292347	26.36393	1.113142	.7820574

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.466896**	**738.3262**	**7.229104**	**137.8648**	**1.051136**	**.0619162**
Stddev	.006968	4.5844	.037938	.7777	.004302	.0006846
%RSD	.4750424	.6209158	.5247912	.5641133	.4092639	1.105764
#1	1.469108	739.6568	7.264088	138.5052	1.053346	.0621996
#2	1.472490	733.2238	7.234444	138.0897	1.053883	.0611354
#3	1.459090	742.0982	7.188779	136.9994	1.046178	.0624137

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.630053**	**2.122052**	**2.925007**	**124.6810**	**.4686543**	**.3859330**
Stddev	.036301	.009566	.004564	1.0726	.0076240	.0001670
%RSD	.7840229	.4507772	.1560345	.8602764	1.626776	.0432857
#1	4.664478	2.132797	2.920257	125.8630	.4709692	.3859236
#2	4.592130	2.118894	2.929359	123.7697	.4601412	.3861046
#3	4.633551	2.114464	2.925405	124.4103	.4748525	.3857709

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1858-01MSD Acquired: 4/23/2025 17:22:01 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	.6956240	19.27823	5.966225	F 24.18362	8.738252	.7897029
Stddev	.0013120	.12643	.036704	.07737	.033471	.0031557
%RSD	.1886061	.6557930	.6151980	.3199327	.3830354	.3996068
#1	.6958597	19.42023	5.978178	24.24398	8.760197	.7933164
#2	.6942102	19.23656	5.925034	24.21048	8.754832	.7874890
#3	.6968022	19.17789	5.995462	24.09639	8.699728	.7883033

Elem	Sr4077
Units	ppm
Avg	.3825965
Stddev	.0018448
%RSD	.4821763
#1	.3846764
#2	.3819553
#3	.3811579

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4327.672	101433.4	16535.05	2860.469	4074.653
Stddev	8.756	315.7	74.63	6.502	12.020
%RSD	.2023270	.3111955	.4513626	.2273146	.2949958
#1	4318.035	101091.7	16548.23	2862.369	4064.078
#2	4329.843	101494.5	16454.71	2853.228	4072.154
#3	4335.138	101714.1	16602.22	2865.809	4087.725

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1858-01A Acquired: 4/23/2025 17:26:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	**.5628771**	**1.638547**	**1.335174**	**1.074004**	**.1715729**	**416.9682**
Stddev	.0026647	.009085	.009648	.005082	.0031581	3.8230
%RSD	.4734129	.5544801	.7225925	.4732238	1.840656	.9168551
#1	.5616454	1.648579	1.346027	1.069645	.1739395	421.1853
#2	.5659349	1.636190	1.331923	1.079587	.1727923	415.9899
#3	.5610510	1.630873	1.327571	1.072780	.1679869	413.7294

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.681690**	**.1551791**	**.2417028**	**24.55073**	**1.115909**	**.7835734**
Stddev	.009349	.0002236	.0018647	.12498	.001828	.0054385
%RSD	.3486395	.1441079	.7714834	.5090823	.1638488	.6940678
#1	2.689781	.1550726	.2438127	24.40641	1.118006	.7894286
#2	2.683836	.1554361	.2402761	24.62411	1.115074	.7826117
#3	2.671455	.1550286	.2410195	24.62166	1.114648	.7786798

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.465033**	**691.4616**	**6.925062**	**140.0620**	**1.051152**	**.0524079**
Stddev	.005868	3.8950	.013277	.4772	.007782	.0004615
%RSD	.4005212	.5632952	.1917234	.3407073	.7402877	.8806018
#1	1.470763	694.2689	6.910403	140.5741	1.060078	.0526254
#2	1.465299	693.1011	6.928504	139.9822	1.047589	.0527205
#3	1.459036	687.0149	6.936279	139.6297	1.045791	.0518778

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.060189**	**2.135768**	**2.509773**	**117.8770**	**.3654313**	**.3760472**
Stddev	.031650	.006775	.013219	.6786	.0038856	.0016242
%RSD	.7795280	.3172382	.5267018	.5756823	1.063298	.4319018
#1	4.023708	2.143448	2.500039	118.5451	.3656929	.3779020
#2	4.076545	2.133221	2.504457	117.8974	.3691796	.3753600
#3	4.080316	2.130636	2.524822	117.1884	.3614216	.3748797

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1858-01A Acquired: 4/23/2025 17:26:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	**.6777424**	**19.22170**	**5.761127**	F **24.07099**	**8.477576**	**.7753878**
Stddev	.0032548	.06009	.160438	.17029	.041604	.0019725
%RSD	.4802377	.3126043	2.784830	.7074490	.4907567	.2543874
#1	.6811567	19.28327	5.938333	24.25764	8.521585	.7770092
#2	.6773955	19.21860	5.719310	24.03123	8.472254	.7759623
#3	.6746749	19.16322	5.625739	23.92409	8.438889	.7731918

Elem	Sr4077
Units	ppm
Avg	**.3447698**
Stddev	.0031119
%RSD	.9025992
#1	.3414849
#2	.3451510
#3	.3476735

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**4408.628**	**102202.7**	**15548.99**	**2891.991**	**4106.900**
Stddev	21.139	259.8	20.26	11.749	27.778
%RSD	.4794833	.2542206	.1303132	.4062518	.6763836
#1	4384.229	101924.2	15537.16	2878.550	4074.992
#2	4420.210	102245.4	15537.41	2897.118	4120.020
#3	4421.444	102438.6	15572.38	2900.304	4125.689

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1858-02 Acquired: 4/23/2025 17:30:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	.0963861	-.020922	.4463073	-.018252	-.006103	298.1585	1.751130
Stddev	.0032485	.005328	.0021569	.006490	.002318	.6196	.007427
%RSD	3.370338	25.46646	.4832827	35.55935	37.98152	.2078169	.4241360
#1	.0982729	-.016878	.4442794	-.025619	-.008235	298.3136	1.759686
#2	.0926350	-.026960	.4460690	-.015761	-.006437	298.6858	1.746344
#3	.0982503	-.018930	.4485735	-.013377	-.003636	297.4760	1.747361

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0260998	.0285452	14.65719	.6948029	.4783012	.7708002	511.1669
Stddev	.0001412	.0008642	.05182	.0008464	.0013737	.0050416	3.7674
%RSD	.5408298	3.027534	.3535294	.1218144	.2872078	.6540785	.7370271
#1	.0262244	.0295300	14.71621	.6941149	.4778645	.7753081	507.7999
#2	.0261286	.0279131	14.61917	.6945459	.4798402	.7717365	515.2360
#3	.0259465	.0281925	14.63620	.6957480	.4771989	.7653561	510.4649

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.86803	95.58561	.4646658	.0092695	2.465198	1.248966	1.004756
Stddev	.04173	.20139	.0030627	.0009785	.008545	.004377	.000723
%RSD	.3839724	.2106862	.6591305	10.55649	.3466367	.3504696	.0720075
#1	10.91617	95.81518	.4652266	.0084570	2.457212	1.253420	1.004056
#2	10.84213	95.43876	.4674095	.0103558	2.474210	1.248807	1.004712
#3	10.84579	95.50289	.4613615	.0089958	2.464171	1.244670	1.005501

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	74.20466	.2172159	.2838332	.0110331	12.57020	5.068376	13.70222
Stddev	.09153	.0064918	.0007828	.0017208	.04498	.033665	.04436
%RSD	.1233544	2.988652	.2757769	15.59700	.3578009	.6642100	.3237434
#1	74.20790	.2112167	.2846184	.0128345	12.62207	5.079083	13.73436
#2	74.11155	.2241079	.2838283	.0108586	12.54213	5.030660	13.72069
#3	74.29454	.2163231	.2830530	.0094061	12.54639	5.095385	13.65161

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1858-02 Acquired: 4/23/2025 17:30:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	**4.325002**	**.5446833**	**.0975432**
Stddev	.026665	.0010487	.0003919
%RSD	.6165385	.1925370	.4017514
#1	4.319215	.5447284	.0979824
#2	4.354085	.5457087	.0974176
#3	4.301704	.5436128	.0972294

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**4493.997**	**104726.1**	**16676.23**	**2960.703**	**4295.804**
Stddev	6.408	214.2	29.37	9.042	9.061
%RSD	.1425796	.2044863	.1760934	.3054115	.2109279
#1	4492.384	104971.1	16647.25	2971.092	4292.160
#2	4488.551	104633.1	16675.46	2954.604	4289.132
#3	4501.057	104574.2	16705.97	2956.414	4306.119

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1858-03 Acquired: 4/23/2025 17:34:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	.0626443	-.020846	.4907935	-.037632	-.006247	385.8773	2.556381
Stddev	.0043533	.004522	.0022979	.003747	.000809	1.2623	.015645
%RSD	6.949269	21.69245	.4681969	9.956358	12.94336	.3271202	.6120126
#1	.0594267	-.015890	.4927715	-.036355	-.007163	386.8069	2.565362
#2	.0609085	-.021899	.4913361	-.034691	-.005634	384.4403	2.538315
#3	.0675978	-.024748	.4882728	-.041851	-.005943	386.3849	2.565465

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0257202	.0111892	49.08735	.6329186	.3926535	.4545324	481.1071
Stddev	.0001332	.0015999	.22014	.0005167	.0015290	.0085350	8.5803
%RSD	.5180270	14.29887	.4484719	.0816425	.3893898	1.877746	1.783442
#1	.0257940	.0098537	49.24010	.6334793	.3935070	.4450596	489.2333
#2	.0255664	.0107515	48.83501	.6324617	.3935652	.4569141	481.9528
#3	.0258002	.0129625	49.18695	.6328147	.3908884	.4616236	472.1354

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.377654	118.4443	.5122778	.0053213	3.209742	1.005791	1.227980
Stddev	.050777	.6706	.0006259	.0018018	.027449	.003696	.001231
%RSD	.6061005	.5661460	.1221777	33.85975	.8551698	.3674769	.1002495
#1	8.409477	118.8594	.5129800	.0068732	3.236773	1.007406	1.229159
#2	8.319096	117.6707	.5117785	.0057454	3.181894	1.001562	1.226703
#3	8.404390	118.8028	.5120749	.0033453	3.210560	1.008404	1.228079

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	109.9810	.1551339	.1067508	.0069020	17.83992	6.073603	8.075548
Stddev	.7254	.0099600	.0002187	.0011307	.11397	.082264	.013311
%RSD	.6595779	6.420269	.2048422	16.38244	.6388460	1.354454	.1648306
#1	110.6285	.1651894	.1064983	.0081831	17.92194	6.166879	8.066733
#2	109.1971	.1549403	.1068780	.0060433	17.70978	6.042524	8.069052
#3	110.1175	.1452722	.1068760	.0064795	17.88803	6.011406	8.090860

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1858-03 Acquired: 4/23/2025 17:34:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	6.520381	.5071926	.2382377
Stddev	.007302	.0031726	.0014852
%RSD	.1119893	.6255124	.6233929
#1	6.524418	.5106579	.2391288
#2	6.524773	.5064889	.2365232
#3	6.511952	.5044309	.2390611

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3589.018	85106.31	12656.03	2395.097	4246.841
Stddev	11.204	238.33	22.70	8.890	8.089
%RSD	.3121857	.2800380	.1793462	.3711618	.1904738
#1	3590.640	84833.00	12639.55	2385.050	4240.829
#2	3577.091	85215.10	12681.92	2398.299	4243.657
#3	3599.323	85270.83	12646.62	2401.942	4256.038

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1859-01 Acquired: 4/23/2025 17:39:09 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	**.0891623**	**-.000735**	**.4779117**	**-.004320**	**-.003423**	**143.1453**	**.8533039**
Stddev	.0024634	.002873	.0016789	.002025	.002328	.3587	.0027173
%RSD	2.762888	390.7661	.3513038	46.87370	68.01554	.2506185	.3184439
#1	.0864150	-.001666	.4793764	-.006071	-.003208	142.8463	.8538382
#2	.0898973	.002488	.4782791	-.004785	-.001210	143.5431	.8557143
#3	.0911746	-.003027	.4760794	-.002103	-.005851	143.0465	.8503591

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0107845**	**-.000818**	**24.47170**	**.2889453**	**.1321128**	**.2608357**	**276.9171**
Stddev	.0000402	.000216	.03059	.0001354	.0001447	.0022933	1.7639
%RSD	.3730517	26.45646	.1250187	.0468573	.1095673	.8792047	.6369749
#1	.0108227	-.000843	24.45212	.2889128	.1319544	.2587869	278.9470
#2	.0107425	-.000590	24.50696	.2890940	.1321457	.2633130	275.7582
#3	.0107883	-.001020	24.45603	.2888291	.1322382	.2604072	276.0459

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.669664**	**31.46307**	**.1996845**	**.0070271**	**.6860501**	**.4712644**	**.7320268**
Stddev	.013003	.04190	.0005715	.0007644	.0094014	.0022802	.0014481
%RSD	.2784605	.1331876	.2861771	10.87729	1.370364	.4838410	.1978259
#1	4.683123	31.51060	.2000089	.0077574	.6793739	.4723174	.7305750
#2	4.657171	31.44719	.2000199	.0062327	.6968015	.4728277	.7334712
#3	4.668697	31.43143	.1990246	.0070913	.6819748	.4686480	.7320341

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**23.10170**	**.1346021**	**.0065412**	**.0118700**	**4.801403**	**7.832188**	**7.367821**
Stddev	.08567	.0035675	.0004888	.0011865	.015440	.107879	.044658
%RSD	.3708463	2.650404	7.472583	9.995515	.3215801	1.377374	.6061181
#1	23.18909	.1386674	.0066152	.0105001	4.793883	7.896452	7.405007
#2	23.09815	.1331453	.0060196	.0125719	4.819162	7.892471	7.380167
#3	23.01786	.1319935	.0069888	.0125380	4.791162	7.707642	7.318289

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1859-01 Acquired: 4/23/2025 17:39:09 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	**2.971554**	**.2050028**	**.1234249**
Stddev	.011636	.0009473	.0002797
%RSD	.3915776	.4620835	.2265969
#1	2.961526	.2060139	.1236447
#2	2.984312	.2041358	.1235199
#3	2.968823	.2048589	.1231101

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3760.699**	**88274.03**	**13974.85**	**2535.859**	**4489.176**
Stddev	8.371	118.64	40.30	7.232	7.857
%RSD	.2226022	.1344015	.2883732	.2851986	.1750262
#1	3752.703	88216.49	14016.70	2536.845	4483.783
#2	3759.992	88195.13	13936.30	2528.184	4485.554
#3	3769.401	88410.47	13971.56	2542.548	4498.191

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1859-02 Acquired: 4/23/2025 17:43:13 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	.0752691	.0051369	.1148221	-.012428	-.003701	117.9247	.5599694
Stddev	.0012269	.0018857	.0023522	.004651	.001639	.4855	.0029917
%RSD	1.629965	36.70797	2.048557	37.42542	44.29319	.4116962	.5342682
#1	.0760124	.0042321	.1125913	-.007847	-.001810	117.5840	.5569965
#2	.0738530	.0073045	.1145958	-.012290	-.004723	118.4806	.5629796
#3	.0759419	.0038742	.1172793	-.017147	-.004569	117.7095	.5599319

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103401	-.000698	17.46970	.3045470	.1319649	.1684933	254.0772
Stddev	.0000443	.000387	.06021	.0015585	.0009828	.0032543	.9375
%RSD	.4280688	55.43677	.3446686	.5117373	.7447431	1.931392	.3689875
#1	.0103197	-.000521	17.40423	.3032076	.1316169	.1687006	253.2200
#2	.0103909	-.001142	17.52269	.3062576	.1312034	.1651404	255.0784
#3	.0103098	-.000431	17.48219	.3041759	.1330743	.1716390	253.9333

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.776284	30.21987	.1819598	.0026055	1.931505	.4008134	.3695429
Stddev	.013156	.14343	.0008027	.0002914	.009036	.0028616	.0024876
%RSD	.4738536	.4746194	.4411604	11.18391	.4678076	.7139356	.6731588
#1	2.766061	30.08037	.1814633	.0029034	1.923398	.3977043	.3689303
#2	2.791126	30.36693	.1815301	.0023210	1.941246	.4033367	.3722796
#3	2.771665	30.21231	.1828859	.0025922	1.929872	.4013993	.3674189

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.781097	.0988331	.0036069	.0008949	4.857734	6.416476	5.642410
Stddev	.024686	.0019948	.0005028	.0006650	.023621	.054044	.039182
%RSD	.3172586	2.018325	13.93940	74.30798	.4862635	.8422643	.6944107
#1	7.756225	.0965346	.0030311	.0004985	4.845712	6.363220	5.632258
#2	7.805593	.0998527	.0038304	.0005235	4.884948	6.471274	5.609303
#3	7.781474	.1001120	.0039592	.0016626	4.842541	6.414935	5.685668

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1859-02 Acquired: 4/23/2025 17:43:13 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	.5023977	.2039513	.1144940
Stddev	.0043806	.0004340	.0004648
%RSD	.8719327	.2127710	.4059268
#1	.4974043	.2036844	.1142184
#2	.5041947	.2044520	.1150306
#3	.5055939	.2037174	.1142329

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3883.057	89841.57	13211.43	2565.156	4672.762
Stddev	7.115	175.95	42.26	22.418	19.700
%RSD	.1832429	.1958471	.3198941	.8739611	.4215829
#1	3880.081	89998.37	13219.88	2586.263	4680.478
#2	3891.178	89651.28	13165.58	2541.623	4687.436
#3	3877.913	89875.06	13248.83	2567.580	4650.373

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1859-03 Acquired: 4/23/2025 17:47:19 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	**.0818601**	**-.004048**	**.1619185**	**-.006239**	**-.005490**	**152.0428**	**.6480176**
Stddev	.0039828	.001756	.0008412	.000433	.002138	.3279	.0041931
%RSD	4.865333	43.37825	.5194872	6.947387	38.93714	.2156471	.6470683
#1	.0802109	-.003943	.1610261	-.006028	-.007592	152.3806	.6527261
#2	.0864026	-.002347	.1626967	-.005951	-.003318	152.0218	.6446861
#3	.0789669	-.005854	.1620326	-.006737	-.005561	151.7259	.6466406

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0100789**	**-.002976**	**30.10827**	**.3143206**	**.1304102**	**.1840602**	**310.1950**
Stddev	.0000431	.000441	.08302	.0011258	.0008402	.0012818	1.1788
%RSD	.4279758	14.81812	.2757342	.3581633	.6443135	.6964270	.3800247
#1	.0100297	-.003146	30.19559	.3133738	.1305720	.1834384	311.5497
#2	.0101102	-.002475	30.09887	.3155654	.1311577	.1855343	309.4025
#3	.0100968	-.003307	30.03035	.3140227	.1295008	.1832078	309.6329

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.801244**	**43.17669**	**.2072868**	**.0071745**	**3.485325**	**.5152009**	**.4182085**
Stddev	.018433	.05309	.0004496	.0004216	.019284	.0025356	.0023025
%RSD	.4849293	.1229693	.2169140	5.876694	.5532868	.4921475	.5505586
#1	3.821920	43.23798	.2073642	.0076140	3.492045	.5170847	.4159857
#2	3.786528	43.14479	.2076927	.0067734	3.500349	.5162001	.4205832
#3	3.795284	43.14730	.2068035	.0071361	3.463580	.5123180	.4180565

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**11.69538**	**.1598157**	**.0044848**	**.0007244**	**6.760139**	**7.863328**	**6.762763**
Stddev	.06887	.0017501	.0001912	.0004913	.024043	.059136	.034107
%RSD	.5888310	1.095068	4.264065	67.82465	.3556550	.7520488	.5043384
#1	11.76321	.1618096	.0046352	.0002988	6.786566	7.890898	6.778217
#2	11.69740	.1591037	.0045496	.0006123	6.754294	7.903645	6.786409
#3	11.62552	.1585338	.0042696	.0012620	6.739558	7.795441	6.723665

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1859-03 Acquired: 4/23/2025 17:47:19 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	.4232577	.2468134	.1262529
Stddev	.0083179	.0012259	.0006729
%RSD	1.965201	.4966890	.5329559
#1	.4241222	.2478715	.1270087
#2	.4311095	.2454700	.1257188
#3	.4145413	.2470987	.1260313

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3899.626	91548.99	14716.46	2601.567	4538.677
Stddev	4.680	197.68	34.09	7.067	10.386
%RSD	.1200055	.2159284	.2316450	.2716329	.2288387
#1	3894.295	91769.86	14744.13	2609.398	4529.889
#2	3901.526	91388.68	14726.87	2599.636	4536.004
#3	3903.056	91488.42	14678.37	2595.666	4550.139

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: PB167716BL Acquired: 4/23/2025 17:51:24 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	.0009166	.0016613	-.000891	-.002470	.0008679	.0072495	-.001112
Stddev	.0018214	.0014896	.000694	.000741	.0008162	.0056977	.000302
%RSD	198.7024	89.66617	77.93428	30.00467	94.04403	78.59443	27.13565
#1	-.001077	.0026469	-.000188	-.001807	.0004111	.0020718	-.000942
#2	.002494	-.000052	-.000909	-.002333	.0003824	.0063230	-.000934
#3	.001332	.002389	-.001576	-.003270	.0018102	.0133536	-.001461

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000024	.0000039	-.007084	-.000387	-.000115	.0005697	.0138192
Stddev	.000021	.0000239	.008192	.000301	.000278	.0000747	.0025758
%RSD	85.46442	613.1150	115.6354	77.63186	241.9011	13.11859	18.63957
#1	-.000026	.0000216	-.003996	-.000707	-.000436	.0005360	.0134910
#2	-.000003	.0000134	-.000885	-.000344	.000041	.0005177	.0165435
#3	-.000045	-.000023	-.016371	-.000110	.000051	.0006553	.0114232

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010245	-.027520	-.000153	-.000417	-.042863	.0004403	.0001994
Stddev	.0001956	.017490	.000121	.000058	.002270	.0005125	.0005010
%RSD	19.09277	63.55407	79.52261	13.91972	5.296580	116.3759	251.2003
#1	.0008459	-.019083	-.000062	-.000468	-.042280	.0006180	.0007554
#2	.0009940	-.047629	-.000106	-.000354	-.040941	.0008403	-.000217
#3	.0012335	-.015847	-.000291	-.000429	-.045368	-.000137	.000060

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.040831	-.007043	-.000157	.0031018	-.000908	.0040301	.0029630
Stddev	.008156	.000551	.000398	.0001670	.000532	.0019570	.0026464
%RSD	19.97474	7.817489	252.7868	5.385103	58.64328	48.55886	89.31365
#1	-.043160	-.006788	-.000197	.0029090	-.001519	.0060055	.0052891
#2	-.047569	-.007675	.000259	.0031967	-.000663	.0020921	.0000838
#3	-.031764	-.006666	-.000534	.0031999	-.000542	.0039927	.0035162

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: PB167716BL Acquired: 4/23/2025 17:51:24 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	.0032108	-.001195	-.000193
Stddev	.0015785	.000458	.000092
%RSD	49.16282	38.29474	47.57096
#1	.0014185	-.000945	-.000264
#2	.0038196	-.001723	-.000226
#3	.0043943	-.000917	-.000089

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3235.935	73545.93	11297.31	2108.674	5058.728
Stddev	6.682	256.29	11.23	8.945	7.761
%RSD	.2064823	.3484826	.0994315	.4241809	.1534231
#1	3229.499	73262.92	11303.35	2098.890	5050.047
#2	3242.838	73612.49	11304.22	2110.701	5064.995
#3	3235.468	73762.38	11284.34	2116.431	5061.144

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: CCV03 Acquired: 4/23/2025 17:55:45 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.028245**	**4.942193**	**5.016476**	**5.027711**	**5.028051**	**9.816875**	**9.906335**
Stddev	.002403	.053533	.003887	.013982	.010819	.050339	.099616
%RSD	.0477965	1.083192	.0774752	.2781078	.2151767	.5127788	1.005581
#1	5.027846	4.884022	5.015717	5.014946	5.034924	9.837436	9.962110
#2	5.026066	4.953168	5.020686	5.025532	5.033649	9.759510	9.791325
#3	5.030822	4.989388	5.013025	5.042655	5.015580	9.853678	9.965569

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2483387**	**2.509056**	**24.56298**	**1.020289**	**2.496611**	**1.260288**	**5.202621**
Stddev	.0009809	.003068	.05460	.004587	.002529	.000962	.017061
%RSD	.3949945	.1222740	.2222793	.4495719	.1012975	.0763417	.3279240
#1	.2474359	2.505578	24.50648	1.020122	2.493808	1.260486	5.212907
#2	.2481977	2.511379	24.56701	1.015788	2.497303	1.261137	5.212030
#3	.2493825	2.510210	24.61545	1.024957	2.498722	1.259243	5.182928

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.445632**	**24.49218**	**2.504242**	**1.276236**	**25.62481**	**2.479133**	**2.554452**
Stddev	.006235	.06840	.002577	.001485	.11898	.003866	.004995
%RSD	.2549434	.2792693	.1028894	.1163545	.4643219	.1559391	.1955340
#1	2.444031	24.41335	2.502076	1.276260	25.73465	2.483569	2.549676
#2	2.440354	24.52742	2.507091	1.274738	25.49842	2.477343	2.559641
#3	2.452512	24.53578	2.503558	1.277708	25.64137	2.476486	2.554040

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**25.48825**	**4.906487**	**5.031893**	**5.012636**	**4.919897**	**5.210600**	**4.941081**
Stddev	.09339	.013425	.006494	.007013	.011287	.025575	.016875
%RSD	.3664017	.2736132	.1290468	.1398992	.2294125	.4908202	.3415176
#1	25.57101	4.892977	5.028246	5.004585	4.921476	5.228544	4.925155
#2	25.38700	4.906659	5.028044	5.015914	4.907903	5.181316	4.939322
#3	25.50673	4.919825	5.039391	5.017410	4.930311	5.221940	4.958766

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: CCV03 Acquired: 4/23/2025 17:55:45 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV003 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**4.955873**	**4.803021**	**4.948722**
Stddev	.021261	.015949	.030378
%RSD	.4290154	.3320585	.6138495
#1	4.934701	4.818021	4.961114
#2	4.955694	4.786268	4.914107
#3	4.977223	4.804775	4.970945

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3138.756**	**71866.95**	**10775.29**	**2048.524**	**4700.450**
Stddev	4.193	199.36	12.43	7.500	6.048
%RSD	.1335807	.2774037	.1153679	.3661168	.1286774
#1	3136.830	71656.99	10768.10	2039.865	4702.441
#2	3135.872	72053.68	10789.64	2052.923	4693.657
#3	3143.565	71890.18	10768.12	2052.786	4705.251

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: CCB03 Acquired: 4/23/2025 17:59:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003360**	**.0015855**	**-.000557**	**-.003642**	**.0015420**	**.0028844**	**-.000243**
Stddev	.0015742	.0013925	.002102	.001520	.0032876	.0025307	.000532
%RSD	468.4967	87.82218	377.4490	41.73936	213.2048	87.73617	218.7385
#1	.0021525	-.000014	-.001793	-.003589	.0053358	.0041347	.000013
#2	-.000514	.002245	-.001748	-.005188	-.000469	.0045467	-.000854
#3	-.000630	.002526	.001870	-.002149	-.000241	-.000028	.000112

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000027**	**.0000495**	**-.002188**	**-.000286**	**.0003169**	**.0008752**	**.0055817**
Stddev	.000032	.0000484	.006191	.000461	.0001557	.0002749	.0032865
%RSD	117.3809	97.89883	282.9934	161.4844	49.12140	31.41558	58.87952
#1	-.000008	.0000157	.004953	.000034	.0002560	.0006941	.0063273
#2	-.000010	.0001050	-.005456	-.000814	.0002009	.0007399	.0084312
#3	-.000064	.0000278	-.006060	-.000077	.0004938	.0011916	.0019865

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0013748**	**-.025552**	**-.000175**	**-.000334**	**-.050454**	**.0015387**	**.0000979**
Stddev	.0004502	.006811	.000289	.000126	.002985	.0003625	.0001090
%RSD	32.74608	26.65492	164.9126	37.62713	5.916356	23.55556	111.4217
#1	.0012463	-.033312	-.000149	-.000260	-.053310	.0014820	.0000135
#2	.0018754	-.022781	-.000477	-.000262	-.047355	.0012080	.0000590
#3	.0010029	-.020564	.000100	-.000479	-.050698	.0019262	.0002210

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.028285**	**-.000528**	**.0000356**	**.0032474**	**-.000545**	**.0015455**	**.0020990**
Stddev	.016795	.000727	.0000430	.0005771	.000758	.0101898	.0018513
%RSD	59.37621	137.7683	120.8679	17.76999	139.1171	659.3239	88.19725
#1	-.013521	.000291	.0000048	.0029561	.000060	.0107368	.0005002
#2	-.046557	-.000777	.0000847	.0039121	-.001396	.0033116	.0016695
#3	-.024778	-.001097	.0000173	.0028741	-.000300	-.009412	.0041272

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: CCB03 Acquired: 4/23/2025 17:59:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV003 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**-.000616**	**-.001250**	**-.000197**
Stddev	.003342	.000087	.000024
%RSD	542.8756	6.945482	11.99231
#1	-.004442	-.001314	-.000211
#2	.001730	-.001151	-.000210
#3	.000865	-.001284	-.000170

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3225.894**	**73316.50**	**11529.73**	**2099.250**	**5049.126**
Stddev	7.173	170.16	71.61	2.532	5.733
%RSD	.2223498	.2320934	.6210513	.1206154	.1135466
#1	3218.208	73497.22	11447.95	2102.054	5044.680
#2	3232.410	73292.92	11581.17	2098.565	5055.597
#3	3227.064	73159.36	11560.07	2097.131	5047.100

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: PB167716BS Acquired: 4/23/2025 18:04:18 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	**.8162057**	**1.999647**	**.9997898**	**2.047318**	**.8445681**	**1.910089**
Stddev	.0026524	.015702	.0020257	.003053	.0036503	.004019
%RSD	.3249704	.7852538	.2026084	.1491099	.4322129	.2104003
#1	.8150565	2.006190	1.000486	2.043797	.8412126	1.914501
#2	.8143217	1.981731	.997508	2.049223	.8484550	1.906636
#3	.8192390	2.011020	1.001375	2.048935	.8440368	1.909132

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1796217**	**.2143398**	**.2043109**	**.9637780**	**.4066923**	**.1958389**
Stddev	.0013810	.0004280	.0003116	.0134863	.0010375	.0005175
%RSD	.7688277	.1996859	.1524939	1.399321	.2550952	.2642481
#1	.1780283	.2138544	.2040750	.9543949	.4070172	.1959996
#2	.1803640	.2146630	.2041935	.9792329	.4075284	.1952601
#3	.1804728	.2145020	.2046641	.9577062	.4055313	.1962569

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3055555**	**2.769777**	**.1933252**	**1.898648**	**.4946232**	**.0750797**
Stddev	.0009727	.003174	.0017698	.029840	.0008462	.0002772
%RSD	.3183252	.1145805	.9154571	1.571640	.1710724	.3691753
#1	.3047477	2.767412	.1914990	1.864273	.4943518	.0753693
#2	.3066352	2.773383	.1934440	1.913786	.4939460	.0750530
#3	.3052837	2.768535	.1950326	1.917884	.4955717	.0748169

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.689667**	**.2873551**	**.2038754**	**8.757402**	**.3133148**	**.4237450**
Stddev	.011067	.0023197	.0004004	.026163	.0021882	.0011938
%RSD	.4114812	.8072538	.1963956	.2987583	.6984057	.2817193
#1	2.697478	.2894021	.2038938	8.781284	.3108202	.4249953
#2	2.694521	.2878277	.2042663	8.729437	.3149098	.4236225
#3	2.677002	.2848355	.2034661	8.761486	.3142144	.4226172

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: PB167716BS Acquired: 4/23/2025 18:04:18 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	.7213293	.1960419	F .6613812	5.801224	F -.010348	.1987653
Stddev	.0016882	.0005433	.0130145	.016388	.000707	.0020951
%RSD	.2340375	.2771387	1.967781	.2824871	6.832784	1.054057
#1	.7216453	.1954148	.6531989	5.790070	-.010184	.1963887
#2	.7195054	.1963399	.6763887	5.793563	-.011122	.1995621
#3	.7228371	.1963710	.6545560	5.820039	-.009737	.2003450

Elem	Sr4077
Units	ppm
Avg	.1880082
Stddev	.0002952
%RSD	.1570274
#1	.1877281
#2	.1883166
#3	.1879800

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3189.498	72777.50	9881.883	2091.975	4959.856
Stddev	8.577	132.63	14.142	4.054	8.529
%RSD	.2689006	.1822449	.1431148	.1937937	.1719518
#1	3196.128	72646.05	9897.843	2092.046	4968.792
#2	3179.812	72775.16	9870.907	2087.886	4951.804
#3	3192.554	72911.29	9876.900	2095.993	4958.973

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1863-03 Acquired: 4/23/2025 18:08:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	**-.001643**	**-.003631**	**.0088016**	**.0008185**	**.0009772**	**1.265563**	**.0757016**
Stddev	.001913	.001636	.0006164	.0033809	.0016183	.005536	.0012231
%RSD	116.4408	45.07471	7.003526	413.0408	165.6099	.4374577	1.615614
#1	.000446	-.005337	.0082936	.0010244	.0026302	1.267312	.0763166
#2	-.002066	-.002075	.0086237	.0040917	.0009054	1.259363	.0764951
#3	-.003309	-.003479	.0094874	-.002661	-.000604	1.270013	.0742931

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000078**	**-.000095**	**66.72554**	**.0019154**	**.0012354**	**.1837835**	**4.906618**
Stddev	.000043	.000104	.15444	.0004469	.0005003	.0015025	.017769
%RSD	55.34320	109.0222	.2314571	23.33332	40.49267	.8175251	.3621422
#1	-.000028	-.000198	66.68439	.0016609	.0017468	.1824692	4.924489
#2	-.000099	-.000096	66.89639	.0024314	.0012124	.1834599	4.906412
#3	-.000106	.000009	66.59584	.0016538	.0007471	.1854214	4.888953

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1654427**	**20.30985**	**.0066801**	**-.000458**	**161.4690**	**.0031131**	**.3953893**
Stddev	.0005871	.05079	.0004510	.000138	.2263	.0014046	.0014476
%RSD	.3548460	.2500720	6.751123	30.06670	.1401555	45.11933	.3661230
#1	.1649231	20.28450	.0064357	-.000334	161.4092	.0041929	.3965065
#2	.1660795	20.36832	.0064042	-.000434	161.2786	.0015251	.3959076
#3	.1653255	20.27671	.0072006	-.000606	161.7192	.0036213	.3937540

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.078375**	**.0617347**	**.0012860**	**-.002352**	**.0392975**	**12.14810**	**.7003943**
Stddev	.047922	.0004678	.0005045	.000774	.0028293	.02827	.0085945
%RSD	.5932075	.7578139	39.23398	32.92589	7.199765	.2326982	1.227101
#1	8.116734	.0611974	.0016946	-.002670	.0393350	12.18070	.6942403
#2	8.024657	.0619548	.0014412	-.001469	.0421079	12.13326	.6967288
#3	8.093735	.0620518	.0007221	-.002917	.0364496	12.13035	.7102139

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1863-03 Acquired: 4/23/2025 18:08:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	**6.774494**	**-.005509**	**.2824001**
Stddev	.068354	.000911	.0010813
%RSD	1.008987	16.54343	.3829041
#1	6.714348	-.004624	.2829734
#2	6.760306	-.006445	.2830740
#3	6.848829	-.005460	.2811528

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3021.767**	**70545.15**	**11150.47**	**1988.626**	**4545.807**
Stddev	26.215	145.02	16.48	7.457	45.688
%RSD	.8675291	.2055639	.1477683	.3750017	1.005055
#1	3040.431	70378.58	11137.00	1980.498	4575.700
#2	3033.073	70613.65	11145.58	1990.229	4568.505
#3	2991.796	70643.24	11168.84	1995.152	4493.215

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1863-04 Acquired: 4/23/2025 18:12:44 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	**-.004282**	**-.002710**	**.0110646**	**.0020671**	**.0021216**	**1.550152**	**.0774555**
Stddev	.002103	.001720	.0010438	.0044481	.0020396	.011452	.0007293
%RSD	49.10258	63.45399	9.433981	215.1884	96.13385	.7387862	.9415226
#1	-.006633	-.002940	.0110870	.0017038	.0023367	1.539853	.0772360
#2	-.003632	-.004304	.0120970	.0066856	.0040452	1.562485	.0782693
#3	-.002581	-.000887	.0100097	-.002188	-.000017	1.548118	.0768613

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000074**	**-.000158**	**74.67778**	**.0030438**	**.0013870**	**.1873147**	**6.378383**
Stddev	.000010	.000075	.23672	.0003298	.0003309	.0002431	.004582
%RSD	13.82736	47.54551	.3169940	10.83555	23.85447	.1297800	.0718389
#1	-.000082	-.000244	74.49742	.0030540	.0017681	.1873505	6.380107
#2	-.000062	-.000126	74.94584	.0027090	.0011732	.1870556	6.373189
#3	-.000076	-.000104	74.59007	.0033684	.0012197	.1875379	6.381853

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8500907**	**19.87019**	**.0076343**	**-.000088**	**157.4536**	**.0024065**	**.4044278**
Stddev	.0044474	.07087	.0002405	.000310	.3877	.0007598	.0038219
%RSD	.5231707	.3566780	3.150673	351.5879	.2462498	31.57457	.9450103
#1	.8472810	19.83140	.0075105	-.000225	157.7614	.0026456	.4005526
#2	.8552183	19.95199	.0079115	.000267	157.5813	.0015559	.4081940
#3	.8477728	19.82717	.0074809	-.000307	157.0182	.0030180	.4045369

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.186634**	**.0642051**	**.0014848**	**-.001357**	**.0612353**	**12.42137**	**.9400719**
Stddev	.041749	.0009497	.0000923	.001111	.0025457	.05460	.0031200
%RSD	.4544528	1.479161	6.217369	81.86145	4.157328	.4395984	.3318931
#1	9.162589	.0651699	.0013875	-.000653	.0633599	12.35884	.9365739
#2	9.162472	.0641741	.0015711	-.002638	.0584136	12.45967	.9410740
#3	9.234842	.0632712	.0014960	-.000781	.0619323	12.44559	.9425677

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1863-04 Acquired: 4/23/2025 18:12:44 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	6.772456	-.004511	.3026018
Stddev	.003265	.001401	.0006270
%RSD	.0482164	31.05567	.2072189
#1	6.769083	-.003049	.3021739
#2	6.775602	-.004644	.3033216
#3	6.772683	-.005841	.3023099

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3031.288	72377.32	11028.45	2015.172	4561.528
Stddev	.939	160.39	66.27	12.581	2.212
%RSD	.0309815	.2216058	.6009067	.6243243	.0484971
#1	3030.204	72345.98	11035.11	2026.282	4561.398
#2	3031.856	72234.92	10959.11	2001.511	4563.803
#3	3031.804	72551.07	11091.14	2017.724	4559.384

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1863-04DUP Acquired: 4/23/2025 18:17:05 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	**-.003157**	**-.003552**	**.0125843**	**-.003862**	**.0012303**	**1.616380**	**.0808117**
Stddev	.000787	.001367	.0013704	.003215	.0009885	.079022	.0034176
%RSD	24.92608	38.47418	10.88964	83.24051	80.34329	4.888811	4.229056
#1	-.004065	-.003825	.0110350	-.002054	.0018229	1.575856	.0785861
#2	-.002714	-.004761	.0136377	-.001958	.0017788	1.565841	.0791023
#3	-.002692	-.002069	.0130802	-.007574	.0000892	1.707443	.0847467

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000117**	**-.000260**	**77.65794**	**.0030286**	**.0017120**	**.1839783**	**6.479522**
Stddev	.000057	.000062	3.52913	.0004198	.0004453	.0008270	.036631
%RSD	48.13840	23.88306	4.544461	13.86122	26.00790	.4495196	.5653312
#1	-.000154	-.000193	75.46286	.0032738	.0022231	.1844730	6.443678
#2	-.000146	-.000271	75.78210	.0025438	.0014084	.1844385	6.477995
#3	-.000052	-.000316	81.72886	.0032681	.0015045	.1830236	6.516892

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.473481**	**20.74687**	**.0082482**	**-.000204**	**160.5395**	**.0032207**	**.4149457**
Stddev	.067938	.92509	.0004471	.000247	.7991	.0010276	.0003936
%RSD	4.610733	4.458955	5.421004	121.1182	.4977344	31.90705	.0948624
#1	1.435192	20.12949	.0083909	-.000261	160.5690	.0036667	.4153881
#2	1.433329	20.30062	.0077472	.000067	161.3235	.0020454	.4146341
#3	1.551922	21.81050	.0086066	-.000417	159.7262	.0039500	.4148150

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.369883**	**.0688634**	**.0015414**	**-.001018**	**.0610054**	**12.58483**	**.9287057**
Stddev	.042281	.0023467	.0001539	.001662	.0073050	.06592	.0028584
%RSD	.4512398	3.407710	9.986664	163.2364	11.97428	.5237835	.3077816
#1	9.338863	.0675116	.0016347	.000831	.0552791	12.54496	.9278308
#2	9.352744	.0675056	.0013637	-.001497	.0585047	12.54861	.9318993
#3	9.418043	.0715731	.0016257	-.002389	.0692323	12.66091	.9263870

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1863-04DUP Acquired: 4/23/2025 18:17:05 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	**6.781363**	**-.004772**	**.3134525**
Stddev	.013860	.001121	.0144474
%RSD	.2043801	23.49305	4.609111
#1	6.780519	-.006020	.3052801
#2	6.795625	-.003849	.3049436
#3	6.767944	-.004448	.3301337

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3069.777**	**70570.64**	**10447.86**	**1989.531**	**4624.804**
Stddev	6.883	293.60	389.26	11.890	3.497
%RSD	.2242335	.4160423	3.725725	.5976167	.0756137
#1	3062.910	70441.86	10696.34	1980.687	4620.766
#2	3069.744	70363.44	10647.99	1984.859	4626.863
#3	3076.677	70906.63	9999.25	2003.047	4626.783

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1863-04LX5 Acquired: 4/23/2025 18:21:24 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	**-.001106**	**.0003772**	**.0014130**	**.0037773**	**.0013197**	**.3152285**	**.0145488**
Stddev	.002017	.0016052	.0013146	.0045545	.0022506	.0065462	.0011989
%RSD	182.3410	425.5322	93.03787	120.5740	170.5410	2.076666	8.240176
#1	-.003131	.0015111	.0023282	.0071474	-.000779	.3089745	.0158606
#2	-.001090	-.001460	-.000093	.0055888	.001042	.3220323	.0142759
#3	.000903	.001080	.002004	-.001404	.003696	.3146789	.0135100

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000173**	**-.000001**	**14.96137**	**-.000022**	**.0003649**	**.0379789**	**1.140636**
Stddev	.0000440	.000004	.01151	.000264	.0001420	.0003675	.007889
%RSD	254.8460	346.1111	.0769219	1228.354	38.90866	.9676262	.6915990
#1	.0000363	-.000002	14.96027	-.000156	.0002010	.0376801	1.149465
#2	-.000033	-.000005	14.97338	.000283	.0004476	.0383893	1.138166
#3	.000048	.000003	14.95045	-.000192	.0004462	.0378675	1.134279

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1703090**	**4.032525**	**.0013636**	**-.000288**	**27.65148**	**.0015493**	**.0782250**
Stddev	.0006050	.028853	.0004590	.000220	.07436	.0017546	.0003817
%RSD	.3552588	.7155073	33.66294	76.51588	.2689151	113.2502	.4879121
#1	.1709442	4.065714	.0009007	-.000411	27.56599	.0016891	.0778147
#2	.1702433	4.018447	.0018186	-.000034	27.68733	-.000271	.0785694
#3	.1697394	4.013413	.0013715	-.000419	27.70113	.003230	.0782910

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.584642**	**.0101415**	**.0001206**	**.0020871**	**.0113976**	**2.193854**	**.1843497**
Stddev	.030138	.0003082	.0004474	.0001835	.0008648	.021927	.0015304
%RSD	1.901895	3.039372	371.0945	8.791767	7.587926	.9994599	.8301788
#1	1.577050	.0099533	-.000022	.0018813	.0120539	2.185429	.1842586
#2	1.559026	.0099739	-.000238	.0022336	.0117212	2.218743	.1828668
#3	1.617851	.0104972	.000622	.0021464	.0104176	2.177389	.1859236

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1863-04LX5 Acquired: 4/23/2025 18:21:24 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	1.334469	-.001145	.0581195
Stddev	.007086	.000975	.0000675
%RSD	.5309653	85.14105	.1161308
#1	1.338793	-.002247	.0581963
#2	1.338323	-.000397	.0580925
#3	1.326292	-.000791	.0580697

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3160.786	75771.37	10214.01	2115.770	4858.008
Stddev	1.725	97.49	18.60	7.147	8.937
%RSD	.0545651	.1286677	.1821160	.3377875	.1839607
#1	3161.907	75821.74	10193.00	2123.215	4856.896
#2	3158.800	75833.37	10220.66	2115.129	4849.680
#3	3161.651	75658.99	10228.38	2108.965	4867.449

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1863-04MS Acquired: 4/23/2025 18:25:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	**.7398159**	**1.722324**	**.8918554**	**1.674152**	**.7173813**	**3.224262**	**.2402073**
Stddev	.0026301	.005135	.0051589	.007026	.0002962	.006754	.0002511
%RSD	.3555077	.2981276	.5784408	.4196784	.0412844	.2094793	.1045204
#1	.7381811	1.723947	.8922348	1.674503	.7174035	3.216939	.2402414
#2	.7428498	1.726451	.8968142	1.680996	.7170746	3.225600	.2399410
#3	.7384168	1.716574	.8865174	1.666957	.7176657	3.230247	.2404396

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1733442**	**.1816845**	**71.95969**	**.3664761**	**.1786310**	**.4359219**	**8.778356**
Stddev	.0006217	.0002252	.13260	.0006674	.0003609	.0016851	.041386
%RSD	.3586319	.1239471	.1842758	.1821193	.2020349	.3865547	.4714554
#1	.1728079	.1819335	71.80843	.3657662	.1790292	.4346481	8.800023
#2	.1740256	.1816251	72.05592	.3670908	.1785383	.4378326	8.730634
#3	.1731992	.1814950	72.01473	.3665714	.1783255	.4352851	8.804410

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3706840**	**20.65399**	**.4480199**	**.0614432**	**155.1824**	**.2642270**	**.5681178**
Stddev	.0009719	.00695	.0018378	.0001159	1.0865	.0023960	.0027273
%RSD	.2621798	.0336535	.4102118	.1886391	.7001277	.9067916	.4800662
#1	.3697660	20.65323	.4474252	.0613451	156.4163	.2617359	.5711412
#2	.3717020	20.64744	.4500815	.0614133	154.3690	.2665150	.5658427
#3	.3705841	20.66128	.4465531	.0615711	154.7621	.2644301	.5673696

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**18.03890**	**.3041795**	**.3707976**	**.5980121**	**.2266440**	**12.49229**	**6.227819**
Stddev	.05113	.0015591	.0018225	.0010397	.0027410	.02640	.025662
%RSD	.2834412	.5125466	.4915198	.1738579	1.209392	.2113625	.4120538
#1	18.09598	.3042767	.3713928	.5990601	.2235149	12.47829	6.232544
#2	17.99730	.3056876	.3722481	.5979953	.2277967	12.47583	6.250791
#3	18.02341	.3025741	.3687518	.5969809	.2286205	12.52274	6.200123

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1863-04MS Acquired: 4/23/2025 18:25:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	6.223096	.1795167	.4646402
Stddev	.011891	.0001588	.0003795
%RSD	.1910809	.0884487	.0816849
#1	6.225540	.1795083	.4642039
#2	6.233575	.1793622	.4648946
#3	6.210172	.1796795	.4648220

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3060.630	70753.40	10769.45	1988.236	4620.768
Stddev	10.916	386.84	47.33	20.935	15.960
%RSD	.3566607	.5467372	.4395155	1.052963	.3454058
#1	3056.060	70351.61	10746.23	1964.108	4613.932
#2	3052.742	70785.29	10738.21	1999.014	4609.364
#3	3073.089	71123.31	10823.91	2001.587	4639.008

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1863-04MSD Acquired: 4/23/2025 18:29:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	.7808489	1.826139	.9408121	1.787372	.5407214	3.428937	.2570047
Stddev	.0031139	.004646	.0014409	.008345	.0011488	.014640	.0001565
%RSD	.3987826	.2543988	.1531512	.4668885	.2124480	.4269512	.0609053
#1	.7772901	1.826170	.9402514	1.796157	.5405128	3.417454	.2571841
#2	.7830728	1.830769	.9397359	1.786410	.5419601	3.445423	.2569346
#3	.7821838	1.821478	.9424490	1.779550	.5396912	3.423935	.2568956

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1790300	.1924035	76.44497	.3902232	.1894772	.4604387	9.570866
Stddev	.0007934	.0004215	.16014	.0009915	.0009219	.0008765	.075019
%RSD	.4431463	.2190841	.2094806	.2540862	.4865314	.1903620	.7838235
#1	.1789134	.1928822	76.36857	.3890907	.1905326	.4603254	9.595825
#2	.1798752	.1920879	76.62900	.3906439	.1888292	.4613664	9.486549
#3	.1783014	.1922404	76.33733	.3909350	.1890699	.4596244	9.630223

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3706309	21.81726	.4738977	.0673234	167.3495	.2809563	.6014171
Stddev	.0010255	.02056	.0005671	.0002127	.7440	.0004805	.0017955
%RSD	.2766882	.0942236	.1196746	.3158918	.4445498	.1710370	.2985506
#1	.3704259	21.84091	.4744442	.0670783	166.6704	.2804154	.5993928
#2	.3697234	21.80722	.4733120	.0674337	167.2333	.2811194	.6020413
#3	.3717434	21.80366	.4739369	.0674583	168.1447	.2813341	.6028173

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.52142	.3144819	.2811203	.4499301	.1929491	13.44591	6.599535
Stddev	.06054	.0015807	.0004193	.0024333	.0033622	.06252	.022135
%RSD	.3101338	.5026205	.1491645	.5408056	1.742554	.4649746	.3354090
#1	19.46948	.3149429	.2816034	.4524497	.1892338	13.40819	6.602875
#2	19.50687	.3157807	.2809074	.4497468	.1957825	13.41147	6.619811
#3	19.58791	.3127219	.2808502	.4475936	.1938309	13.51808	6.575920

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1863-04MSD Acquired: 4/23/2025 18:29:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	6.513404	.1886928	.4961073
Stddev	.024962	.0007107	.0010517
%RSD	.3832338	.3766656	.2119914
#1	6.538240	.1882313	.4955647
#2	6.513655	.1895113	.4973195
#3	6.488318	.1883358	.4954378

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3062.186	70677.00	11049.18	1987.662	4615.339
Stddev	3.152	248.67	47.87	6.903	8.422
%RSD	.1029457	.3518397	.4332842	.3473132	.1824795
#1	3061.457	70872.24	11073.49	1993.945	4606.652
#2	3059.462	70761.72	10994.03	1980.272	4615.897
#3	3065.639	70397.04	11080.03	1988.769	4623.469

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1863-04A Acquired: 4/23/2025 18:34:01 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	**.7637408**	**1.785039**	**.9173394**	**1.739633**	**.6671548**	**3.279405**	**.2426055**
Stddev	.0015595	.004509	.0025617	.003267	.0023564	.003421	.0002537
%RSD	.2041913	.2525864	.2792488	.1877982	.3532005	.1043181	.1045694
#1	.7620803	1.787151	.9168685	1.743277	.6679841	3.279693	.2428975
#2	.7639677	1.788104	.9150458	1.736964	.6689844	3.275849	.2424791
#3	.7651744	1.779862	.9201038	1.738660	.6644959	3.282673	.2424399

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1803175**	**.1873227**	**73.48863**	**.3728251**	**.1836504**	**.4502932**	**8.735068**
Stddev	.0006999	.0000984	.06152	.0009683	.0003023	.0011834	.067451
%RSD	.3881424	.0525246	.0837166	.2597196	.1646286	.2628071	.7721840
#1	.1807566	.1873336	73.55952	.3717106	.1833757	.4511488	8.679789
#2	.1806855	.1874151	73.44927	.3734602	.1839743	.4507882	8.715191
#3	.1795104	.1872192	73.45709	.3733045	.1836010	.4489427	8.810224

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3704234**	**21.12598**	**.4611784**	**.0629897**	**152.0077**	**.2680827**	**.5748147**
Stddev	.0007112	.03512	.0005638	.0001876	.9904	.0020450	.0034723
%RSD	.1919996	.1662593	.1222474	.2978576	.6515263	.7628223	.6040802
#1	.3710425	21.15886	.4605372	.0628918	151.3370	.2704028	.5712601
#2	.3696465	21.08898	.4615963	.0632060	153.1452	.2665422	.5749856
#3	.3705811	21.13012	.4614018	.0628712	151.5410	.2673032	.5781985

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**17.83615**	**.3166483**	**.3407776**	**.5541409**	**.2112425**	**12.27146**	**6.509171**
Stddev	.12939	.0028837	.0004272	.0011102	.0018244	.03440	.012383
%RSD	.7254143	.9106940	.1253520	.2003363	.8636508	.2803449	.1902404
#1	17.72082	.3188199	.3406504	.5528763	.2100551	12.24268	6.504088
#2	17.81155	.3177487	.3412539	.5549548	.2133431	12.26215	6.523287
#3	17.97606	.3133765	.3404284	.5545916	.2103291	12.30957	6.500139

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: Q1863-04A Acquired: 4/23/2025 18:34:01 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) 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	**6.481765**	**.1831201**	**.4710904**
Stddev	.009289	.0006526	.0012023
%RSD	.1433056	.3564069	.2552138
#1	6.490547	.1831435	.4704457
#2	6.482706	.1824560	.4703480
#3	6.472041	.1837607	.4724776

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3018.005**	**71649.91**	**10560.45**	**2010.652**	**4539.907**
Stddev	9.346	150.32	24.66	11.910	8.149
%RSD	.3096891	.2098029	.2334802	.5923530	.1795027
#1	3012.612	71822.00	10538.35	2019.834	4539.530
#2	3012.605	71544.17	10555.95	2014.927	4531.953
#3	3028.797	71583.57	10587.05	1997.194	4548.238

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: CCV04 Acquired: 4/23/2025 18:38:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.983217**	**4.894867**	**4.959983**	**4.997442**	**4.987034**	**9.857834**	**9.730559**
Stddev	.010117	.037776	.021182	.017979	.016575	.076733	.101760
%RSD	.2030238	.7717546	.4270677	.3597603	.3323638	.7784007	1.045774
#1	4.976799	4.907608	4.956167	4.980268	4.980956	9.926864	9.848013
#2	4.977973	4.924625	4.940969	4.995928	4.974356	9.775213	9.668922
#3	4.994880	4.852367	4.982815	5.016130	5.005790	9.871425	9.674743

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2513443**	**2.479398**	**24.44097**	**1.013326**	**2.469799**	**1.248380**	**5.072882**
Stddev	.0020696	.007720	.26858	.002775	.007312	.003545	.055664
%RSD	.8234291	.3113620	1.098899	.2738016	.2960714	.2839313	1.097294
#1	.2537285	2.474773	24.62435	1.013965	2.464005	1.246268	5.052264
#2	.2500099	2.475112	24.13268	1.010288	2.467376	1.246400	5.030468
#3	.2502945	2.488310	24.56587	1.015726	2.478015	1.252472	5.135914

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.432814**	**24.57099**	**2.475332**	**1.264315**	**25.11094**	**2.467421**	**2.524088**
Stddev	.026525	.19571	.006740	.001405	.24961	.018852	.004021
%RSD	1.090284	.7964987	.2723054	.1111211	.9940254	.7640417	.1593088
#1	2.449326	24.72136	2.471699	1.262954	24.97715	2.483359	2.520425
#2	2.402219	24.34971	2.471187	1.264232	24.95674	2.446611	2.523449
#3	2.446899	24.64191	2.483110	1.265760	25.39892	2.472294	2.528390

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**24.91390**	**4.954370**	**4.991689**	**4.956022**	**4.891763**	**5.100406**	**4.912875**
Stddev	.31183	.040540	.010739	.011734	.054620	.069954	.008016
%RSD	1.251618	.8182697	.2151327	.2367563	1.116561	1.371543	.1631605
#1	24.76182	4.999588	4.985536	4.945768	4.929466	5.062911	4.907000
#2	24.70730	4.942250	4.985442	4.953480	4.829127	5.057192	4.909619
#3	25.27259	4.921273	5.004089	4.968818	4.916697	5.181115	4.922007

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: CCV04 Acquired: 4/23/2025 18:38:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV004 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**4.906532**	**4.785290**	**4.840475**
Stddev	.011846	.043449	.044250
%RSD	.2414316	.9079803	.9141667
#1	4.915638	4.816220	4.861549
#2	4.893140	4.735614	4.789627
#3	4.910818	4.804035	4.870249

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3141.714**	**71807.56**	**10543.74**	**2042.353**	**4718.153**
Stddev	11.016	322.49	91.66	10.222	14.402
%RSD	.3506310	.4491017	.8693036	.5004872	.3052478
#1	3148.869	71972.34	10440.20	2043.999	4728.001
#2	3147.244	72014.36	10614.52	2051.651	4724.834
#3	3129.029	71435.97	10576.49	2031.407	4701.624

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: CCB04 Acquired: 4/23/2025 18:42:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004341**	**.0030126**	**-.000123**	**-.005862**	**.0014510**	**.0022272**	**-.001555**
Stddev	.0021472	.0024287	.000722	.006828	.0015052	.0024033	.001000
%RSD	494.6586	80.61868	584.7922	116.4891	103.7341	107.9092	64.34204
#1	.0017505	.0058051	-.000338	-.013644	.0016618	.0041062	-.002084
#2	-.002044	.0013928	-.000714	-.000873	-.000148	.0030564	-.002179
#3	.001595	.0018398	.000681	-.003068	.002840	-.000481	-.000401

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000040**	**.0001023**	**-.008124**	**-.000178**	**.0000618**	**.0008228**	**.0011298**
Stddev	.000020	.0000843	.015449	.000290	.0001015	.0003136	.0019875
%RSD	49.36207	82.38743	190.1598	162.9013	164.0978	38.11747	175.9119
#1	-.000033	.0000365	-.011263	-.000182	-.000052	.0009805	.0030778
#2	-.000025	.0000731	.008653	-.000466	.000095	.0010263	-.000895
#3	-.000062	.0001973	-.021763	.000114	.000142	.0004616	.001207

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0013012**	**-.015919**	**.0002361**	**-.000207**	**-.008502**	**.0003779**	**.0000828**
Stddev	.0004793	.019858	.0003720	.000217	.010025	.0017375	.0004422
%RSD	36.83499	124.7460	157.5808	104.8782	117.9113	459.8049	534.3204
#1	.0011774	.005790	.0000395	-.000127	-.005846	.0019943	-.000083
#2	.0008959	-.033168	.0006651	-.000452	-.019588	-.001460	-.000253
#3	.0018302	-.020379	.0000036	-.000041	-.000073	.000599	.000584

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0410520**	**.0019225**	**-.000099**	**.0038854**	**-.000522**	**.0129336**	**-.001063**
Stddev	.0079506	.0002743	.000152	.0006040	.000666	.0076561	.003671
%RSD	19.36716	14.26926	153.4930	15.54657	127.5082	59.19553	345.2128
#1	.0466688	.0017964	.000050	.0045782	.000214	.0056808	.002559
#2	.0319547	.0022372	-.000093	.0034694	-.001082	.0209376	-.000968
#3	.0445326	.0017339	-.000255	.0036085	-.000697	.0121823	-.004781

Reviewed By:
On:
Inst Id :P4
LB :LB135538

Sample Name: CCB04 Acquired: 4/23/2025 18:42:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v17) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV004 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0049016	-.000546	-.000093
Stddev	.0045441	.000824	.000061
%RSD	92.70634	150.8415	65.73903
#1	-.000344	-.000349	-.000088
#2	.007639	.000161	-.000156
#3	.007409	-.001450	-.000034

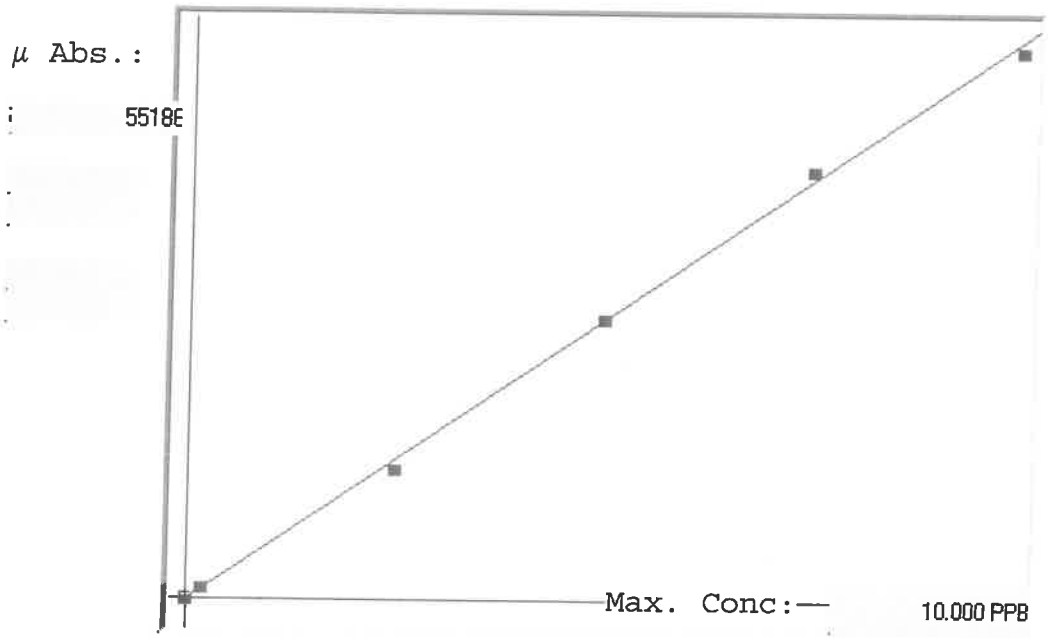
Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3249.817	73909.13	10415.56	2121.520	5076.943
Stddev	5.351	86.15	84.63	8.301	9.522
%RSD	.1646484	.1165564	.8125243	.3912981	.1875517
#1	3248.682	73873.20	10348.54	2112.966	5071.383
#2	3245.124	74007.42	10510.66	2122.050	5071.508
#3	3255.644	73846.76	10387.48	2129.543	5087.938

LB135540

7471B

INSTRUMENT ID: CV1

Linear



A= 0.0000e+000

B= 1.7809e-004

C= 2.4348e-002

Rho= 0.9994493

Accept=Accepted

Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	%
0.0	0.000	0.010	0.010	-79	0.000	-79					-20
0.2	0.200	0.239	0.039	1206	0.0 %	1206					-6
2.5	2.500	2.348	-0.152	13048	0.0 %	13048					1
5.0	5.000	5.047	0.047	28204	0.0 %	28204					2
7.5	7.500	7.703	0.203	43117	0.0 %	43117					0
10.0	10.000	9.852	-0.148	55186	0.0 %	55186					

Reviewed By:jaswal
On:4/25/2025 9:14:54 PM
Inst Id :CV1
LB :LB135540

LB135540 INSTRUMENT ID : CV1

Method: 7471B Operator: Admin Date of Analysis: 24 Apr 2025 07:34:54

Sample ID	Extended ID	µ Abs.	Conc.	Stnd Conc	Method	Units	Date	Type	Type
0.0 - 1	S0	-79	-	0.00000	7471B	PPB	24 Apr 2025 07:45:43	S	Std
0.2 - 1	S0.2	1206	-	0.20000	7471B	PPB	24 Apr 2025 07:48:00	S	Std
2.5 - 1	S2.5	13048	-	2.50000	7471B	PPB	24 Apr 2025 07:50:17	S	Std
5.0 - 1	S5	28204	-	5.00000	7471B	PPB	24 Apr 2025 07:52:34	S	Std
7.5 - 1	S7.5	43117	-	7.50000	7471B	PPB	24 Apr 2025 07:54:53	S	Std
10.0 - 1	S10	55186	-	10.00000	7471B	PPB	24 Apr 2025 08:00:12	S	Std
ICV99 - 1	ICV99	21827	3.9115		-7471B	PPB	24 Apr 2025 08:03:22	U	SMPL
ICB99 - 1	ICB99	-266	-0.0230		-7471B	PPB	24 Apr 2025 08:05:38	U	SMPL
CCV17 - 1	CCV17	28160	5.0393		-7471B	PPB	24 Apr 2025 08:07:56	U	SMPL
CCB17 - 1	CCB17	-315	-0.0318		-7471B	PPB	24 Apr 2025 08:10:11	U	SMPL
CRA - 1	CRA	1192	0.2366		-7471B	PPB	24 Apr 2025 08:12:29	U	SMPL
HighStd - 1	HighStd	54798	9.7833		-7471B	PPB	24 Apr 2025 08:14:44	U	SMPL
ChkStd - 1	ChkStd	36928	6.6008		-7471B	PPB	24 Apr 2025 08:17:00	U	SMPL
PB167718BL - 1	PBS	47	0.0327		-7471B	PPB	24 Apr 2025 08:22:25	U	SMPL
PB167718BS - 1	LCSS	20711	3.7127		-7471B	PPB	24 Apr 2025 08:24:41	U	SMPL
Q1852-01 - 1	ETGI-354	47	0.0327		-7471B	PPB	24 Apr 2025 08:26:57	U	SMPL
Q1852-01DUP - 1	ETGI-354DUP	161	0.0530		-7471B	PPB	24 Apr 2025 08:31:55	U	SMPL
Q1852-01MS - 1	ETGI-354MS	21681	3.8855		-7471B	PPB	24 Apr 2025 08:34:11	U	SMPL
Q1852-01MSD - 1	ETGI-354MSD	20127	3.6087		-7471B	PPB	24 Apr 2025 08:36:28	U	SMPL
Q1852-03 - 1	72-11977	139	0.0491		-7471B	PPB	24 Apr 2025 08:38:46	U	SMPL
CCV18 - 1	CCV18	28069	5.0231		-7471B	PPB	24 Apr 2025 08:41:07	U	SMPL
CCB18 - 1	CCB18	-461	-0.0578		-7471B	PPB	24 Apr 2025 08:43:22	U	SMPL
Q1852-05 - 1	ETGI-278	781	0.1634		-7471B	PPB	24 Apr 2025 08:45:41	U	SMPL
Q1852-07 - 1	72-12013	305	0.0787		-7471B	PPB	24 Apr 2025 08:47:56	U	SMPL
Q1853-01 - 1	EO-02-04222025	26576	4.7572		-7471B	PPB	24 Apr 2025 08:50:12	U	SMPL
Q1854-01 - 1	NB-08-04222025	717	0.1520		-7471B	PPB	24 Apr 2025 08:52:28	U	SMPL
Q1855-03 - 1	2001-2002	212	0.0621		-7471B	PPB	24 Apr 2025 08:54:49	U	SMPL
Q1858-01 - 1	COMP-1	543	0.1210		-7471B	PPB	24 Apr 2025 08:57:05	U	SMPL
Q1858-02 - 1	COMP-2	1895	0.3618		-7471B	PPB	24 Apr 2025 08:59:21	U	SMPL
Q1858-03 - 1	COMP-3	826	0.1714		-7471B	PPB	24 Apr 2025 09:01:38	U	SMPL
Q1859-01 - 1	COMP-1	2745	0.5132		-7471B	PPB	24 Apr 2025 09:03:55	U	SMPL
Q1859-02 - 1	COMP-2	502	0.1137		-7471B	PPB	24 Apr 2025 09:06:11	U	SMPL
CCV19 - 1	CCV19	28301	5.0644		-7471B	PPB	24 Apr 2025 09:08:27	U	SMPL
CCB19 - 1	CCB19	-392	-0.0455		-7471B	PPB	24 Apr 2025 09:10:42	U	SMPL
Q1859-03 - 1	COMP-3	1235	0.2443		-7471B	PPB	24 Apr 2025 09:13:03	U	SMPL
Q1852-01LX5 - 1		34	0.0304		-7471B	PPB	24 Apr 2025 09:15:18	U	SMPL
Q1852-01A - 1		21858	3.9170		-7471B	PPB	24 Apr 2025 09:17:34	U	SMPL
CCV20 - 1	CCV20	28208	5.0479		-7471B	PPB	24 Apr 2025 09:19:50	U	SMPL
CCB20 - 1	CCB20	-375	-0.0424		-7471B	PPB	24 Apr 2025 09:22:08	U	SMPL

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB167713

SOP ID : M3050B-Digestion-20

SDG No : N/A

Matrix : SOIL

Pippete ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

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

Start Digest Date: 04/23/2025 **Time :** 10:30 **Temp :** 96 °C

End Digest Date: 04/23/2025 **Time :** 12:37 **Temp :** 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #2

Dig Technician Signature: SPS.

Supervisor Signature: JGP

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	1.00	M6005
LFS-2	1.00	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
1:1 HNO3	10.00	MP84041
Conc. HNO3	5.00	M6158
30% H2O2	3.00	M6125
Conc. HCL	10.00	M6151
PTFE Boiling Stones	N/A	M5581
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 # 2 CELL 35 Temp :96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
04/23/25 13:37	SPS, met dig	JGP / Met dig.
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB167713

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
PB167713BL	PBS713	N/A	2.01	100	Colorless	Colorless	Fine	N/A	N/A	1
PB167713BS	LCS713	N/A	2.16	100	Colorless	Colorless	Fine	N/A	M6005,M6012	2
Q1852-01	ETGI-354	N/A	2.28	100	Brown	Yellow	Medium	N/A	N/A	3
Q1852-03	72-11977	N/A	2.11	100	Brown	Yellow	Medium	N/A	N/A	4
Q1852-05	ETGI-278	N/A	2.26	100	Brown	Yellow	Medium	N/A	N/A	5
Q1852-07	72-12013	N/A	2.29	100	Brown	Yellow	Medium	N/A	N/A	6
Q1853-01	EO-02-04222025	N/A	2.07	100	Brown	Yellow	Medium	N/A	N/A	7
Q1854-01	NB-08-04222025	N/A	2.22	100	Brown	Yellow	Medium	N/A	N/A	8
Q1855-03	2001-2002	N/A	2.20	100	Brown	Yellow	Medium	N/A	N/A	9
Q1858-01	COMP-1	N/A	2.11	100	Brown	Yellow	Medium	N/A	N/A	10
Q1858-01MS	COMP-1MS	N/A	2.17	100	Brown	Yellow	Medium	N/A	M6005,M6012	12
Q1858-01MSD	COMP-1MSD	N/A	2.11	100	Brown	Yellow	Medium	N/A	M6005,M6012	13
Q1858-01DUP	COMP-1DUP	N/A	2.15	100	Brown	Yellow	Medium	N/A	N/A	11
Q1858-02	COMP-2	N/A	2.18	100	Brown	Yellow	Medium	N/A	N/A	14
Q1858-03	COMP-3	N/A	2.25	100	Brown	Yellow	Medium	N/A	N/A	15
Q1859-01	COMP-1	N/A	2.17	100	Brown	Yellow	Medium	N/A	N/A	16
Q1859-02	COMP-2	N/A	2.17	100	Brown	Yellow	Medium	N/A	N/A	17
Q1859-03	COMP-3	N/A	2.23	100	Brown	Yellow	Medium	N/A	N/A	18

WORKLIST(Hardcopy Internal Chain)

WorkList Name : PB167713 **WorkList ID :** 189099 **Department :** Digestion **Date :** 04-23-2025 09:46:00

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1852-01	ETGI-354	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	L41	04/22/2025	6010D
Q1852-03	72-11977	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	L41	04/22/2025	6010D
Q1852-05	ETGI-278	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	L41	04/22/2025	6010D
Q1852-07	72-12013	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	L41	04/22/2025	6010D
Q1853-01	EO-02-04222025	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	L41	04/22/2025	6010D
Q1854-01	NB-08-04222025	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG05	L41	04/22/2025	6010D
Q1858-01	COMP-1	Solid	Metals ICP-Group1	Cool 4 deg C	PSEG05	L31	04/22/2025	6010D
Q1858-02	COMP-2	Solid	Metals ICP-Group1	Cool 4 deg C	POWE02	L41	04/21/2025	6010D
Q1858-03	COMP-3	Solid	Metals ICP-Group1	Cool 4 deg C	POWE02	L41	04/21/2025	6010D
Q1859-01	COMP-1	Solid	Metals ICP-Group1	Cool 4 deg C	POWE02	L41	04/21/2025	6010D
Q1859-02	COMP-2	Solid	Metals ICP-Group1	Cool 4 deg C	POWE02	L41	04/18/2025	6010D
Q1859-03	COMP-3	Solid	Metals ICP-Group1	Cool 4 deg C	POWE02	L41	04/18/2025	6010D

Date/Time 04/23/25 10:05

Raw Sample Received by: SLOG.metals

Raw Sample Relinquished by: [signature]

Date/Time 04/23/25 11:05

Raw Sample Received by: [signature]

Raw Sample Relinquished by: SLOG.metals

Alliance TECHNICAL GROUP

Soil/Sludge Mercury Preparation Sheet

PB167718

SOP ID : M7471B-Mercury-18

SDG No : N/A

Matrix : SOIL

Pippete ID: HG A

Balance ID : M SC-3

Filter paper ID : NA

pH Strip ID : NA

Hood ID : #1

Block ID: 1. HG HOT BLOCK#3 2. N/A

Start Digest Date: 04/23/2025 **Time :** 15:15 **Temp :** 95 °C

End Digest Date: 04/23/2025 **Time :** 15:45 **Temp :** 94 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: MB

Supervisor Signature: IR

Temp : 1. 95°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP85417
CCV	30mL	MP85419
CRA	30mL	MP85421
Blank Spike	0.48mL	MP85410
Matrix Spike	0.48mL	MP85410

Chemical Used	ML/SAMPLE USED	Lot Number
AQUA REGIA	1.5mL	MP85423
KMnO4 (5%)	4.5mL	MP85241
Hydroxylamine HCL (12%)	2.0mL	MP85243
PTFE Boiling Stones	----------	M4583
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

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP85411
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP85412
2.5 ppb	S2.5	30mL	MP85413
5.0 ppb	S5.0	30mL	MP85414
7.5 ppb	S7.5	30mL	MP85415
10.0 ppb	S10.0	30mL	MP85416
ICV	ICV	30mL	MP85417
ICB	ICB	30mL	MP85418
CCV	CCV	30mL	MP85419
CCB	CCB	30mL	MP85420
CRI	CRI	30mL	MP85421
CHK STD	CHK STD	30mL	MP85422

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
4/23/25 @ 16:20	MB - Dig. Lab	MB - Metals Lab
	Preparation Group	**Analysis Group**

Alliance TECHNICAL GROUP

Soil/Sludge Mercury Preparation Sheet

PB167718

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Comment	Prep Pos
PB167718BL	PBS718	0.55	35	NA	N/A	3-1
PB167718BS	LCS718	0.53	35	NA	MP85410	2
Q1852-01DUP	ETGI-354DUP	0.58	35	NA	N/A	4
Q1852-01MS	ETGI-354MS	0.56	35	NA	N/A	5
Q1852-01MSD	ETGI-354MSD	0.56	35	NA	N/A	6
Q1852-01	ETGI-354	0.54	35	NA	N/A	3
Q1852-03	72-11977	0.54	35	NA	N/A	7
Q1852-05	ETGI-278	0.55	35	NA	N/A	8
Q1852-07	72-12013	0.56	35	NA	N/A	9
Q1853-01	EO-02-04222025	0.52	35	NA	MP85410	10
Q1854-01	NB-08-04222025	0.52	35	NA	MP85410	11
Q1855-03	2001-2002	0.56	35	NA	N/A	12
Q1858-01	COMP-1	0.56	35	NA	N/A	13
Q1858-02	COMP-2	0.54	35	NA	N/A	14
Q1858-03	COMP-3	0.52	35	NA	N/A	15
Q1859-01	COMP-1	0.50	35	NA	N/A	16
Q1859-02	COMP-2	0.57	35	NA	N/A	17
Q1859-03	COMP-3	0.54	35	NA	N/A	18

WORKLIST(Hardcopy Internal Chain)

WorkList Name : 042325_7471 **WorkList ID :** 189112 **Department :** Digestion **Date :** 04-23-2025 14:00:22

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1852-01	ETGI-354	Solid	Mercury	Cool 4 deg C	PSEG03	L41	04/22/2025	7471B
Q1852-03	72-11977	Solid	Mercury	Cool 4 deg C	PSEG03	L41	04/22/2025	7471B
Q1852-05	ETGI-278	Solid	Mercury	Cool 4 deg C	PSEG03	L41	04/22/2025	7471B
Q1852-07	72-12013	Solid	Mercury	Cool 4 deg C	PSEG03	L41	04/22/2025	7471B
Q1853-01	EO-02-04222025	Solid	Mercury	Cool 4 deg C	PSEG03	L41	04/22/2025	7471B
Q1854-01	NB-08-04222025	Solid	Mercury	Cool 4 deg C	PSEG05	L41	04/22/2025	7471B
Q1855-03	2001-2002	Solid	Mercury	Cool 4 deg C	PSEG05	L31	04/22/2025	7471B
Q1858-01	COMP-1	Solid	Mercury	Cool 4 deg C	PSEG03	L51	04/22/2025	7471B
Q1858-02	COMP-2	Solid	Mercury	Cool 4 deg C	POWE02	L41	04/21/2025	7471B
Q1858-03	COMP-3	Solid	Mercury	Cool 4 deg C	POWE02	L41	04/21/2025	7471B
Q1859-01	COMP-1	Solid	Mercury	Cool 4 deg C	POWE02	L41	04/21/2025	7471B
Q1859-02	COMP-2	Solid	Mercury	Cool 4 deg C	POWE02	L41	04/18/2025	7471B
Q1859-03	COMP-3	Solid	Mercury	Cool 4 deg C	POWE02	L41	04/18/2025	7471B

Date/Time 4/23/25 @ 14:40

Raw Sample Received by: [illegible]

Raw Sample Relinquished by: [illegible]

Date/Time 4/23/25 @ 17:30

Raw Sample Received by: [illegible]

Raw Sample Relinquished by: [illegible]

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/23/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:00
In Date: 04/22/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:14
Out Date: 04/23/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135521

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q1852-01	ETGI-354	19	1.15	10.26	11.41	10.64	92.5	
Q1852-03	72-11977	20	1.17	10.20	11.37	10.58	92.3	
Q1852-05	ETGI-278	21	1.18	10.36	11.54	10.66	91.5	
Q1852-07	72-12013	22	1.18	10.33	11.51	10.39	89.2	
Q1853-01	EO-02-04222025	23	1.15	9.77	10.92	9.75	88.0	
Q1853-02	EO-02-04222025-E2	24	1.16	9.97	11.13	9.66	85.3	
Q1854-01	NB-08-04222025	25	1.19	9.87	11.06	10.14	90.7	
Q1854-02	NB-08-04222025-E2	26	1.15	9.96	11.11	9.97	88.6	
Q1855-01	2001	1	1.15	10.43	11.58	11.55	99.7	
Q1855-03	2001-2002	2	1.16	9.59	10.75	10.61	98.5	
Q1855-05	60444	3	1.00	1.00	2.00	2.00	100.0	debris
Q1856-01	41825	4	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1857-01	HOPPER-042225-A	5	1.00	1.00	2.00	2.00	100.0	pilc
Q1857-02	HOPPER-042225-B	6	1.00	1.00	2.00	2.00	100.0	pilc
Q1857-03	02-9022-1-1	7	1.00	1.00	2.00	2.00	100.0	pilc
Q1857-04	02-9022-1-2	8	1.00	1.00	2.00	2.00	100.0	pilc
Q1857-05	BC274271-1-1	9	1.00	1.00	2.00	2.00	100.0	pilc
Q1857-06	BC274271-1-2	10	1.00	1.00	2.00	2.00	100.0	pilc
Q1857-07	BC274271-2-1	11	1.00	1.00	2.00	2.00	100.0	pilc
Q1857-08	BC274271-2-2	12	1.00	1.00	2.00	2.00	100.0	pilc
Q1858-01	COMP-1	13	1.14	9.97	11.11	9.5	83.9	
Q1858-02	COMP-2	14	1.19	10.59	11.78	9.8	81.3	
Q1858-03	COMP-3	15	1.12	9.87	10.99	10.11	91.1	
Q1859-01	COMP-1	16	1.13	10.43	11.56	9.43	79.6	
Q1859-02	COMP-2	17	1.15	10.35	11.5	9.76	83.2	
Q1859-03	COMP-3	18	1.18	10.16	11.34	9.88	85.6	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

135521

WorkList Name : %1-042225 **WorkList ID :** 189078 **Department :** Wet-Chemistry **Date :** 04-22-2025 08:37:15

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1852-01	ETGI-354	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/22/2025	Chemtech -SO
Q1852-03	72-11977	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/22/2025	Chemtech -SO
Q1852-05	ETGI-278	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/22/2025	Chemtech -SO
Q1852-07	72-12013	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/22/2025	Chemtech -SO
Q1853-01	EO-02-04222025	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/22/2025	Chemtech -SO
Q1853-02	EO-02-04222025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	L41	04/22/2025	Chemtech -SO
Q1854-01	NB-08-04222025	Solid	Percent Solids	Cool 4 deg C	PSEG05	L41	04/22/2025	Chemtech -SO
Q1854-02	NB-08-04222025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	L31	04/22/2025	Chemtech -SO
Q1855-01	2001	Solid	Percent Solids	Cool 4 deg C	PSEG05	L31	04/22/2025	Chemtech -SO
Q1855-03	2001-2002	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/22/2025	Chemtech -SO
Q1855-05	60444	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/22/2025	Chemtech -SO
Q1856-01	41825	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/22/2025	Chemtech -SO
Q1857-01	HOPPER-042225-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/22/2025	Chemtech -SO
Q1857-02	HOPPER-042225-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/22/2025	Chemtech -SO
Q1857-03	02-9022-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/22/2025	Chemtech -SO
Q1857-04	02-9022-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/22/2025	Chemtech -SO
Q1857-05	BC274271-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/22/2025	Chemtech -SO
Q1857-06	BC274271-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/22/2025	Chemtech -SO
Q1857-07	BC274271-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/22/2025	Chemtech -SO
Q1857-08	BC274271-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/22/2025	Chemtech -SO
Q1858-01	COMP-1	Solid	Percent Solids	Cool 4 deg C	POWE02	L41	04/21/2025	Chemtech -SO

Date/Time 04/22/25 15:20

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 04/22/25 17:10

Raw Sample Received by:

Raw Sample Relinquished by:

WORKLIST(Hardcopy Internal Chain)

VN 135521

WorkList Name : %1-042225 **WorkList ID :** 189078 **Department :** Wet-Chemistry **Date :** 04-22-2025 08:37:15

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1858-02	COMP-2	Solid	Percent Solids	Cool 4 deg C	POWE02	L41	04/21/2025	Chemtech -SO
Q1858-03	COMP-3	Solid	Percent Solids	Cool 4 deg C	POWE02	L41	04/21/2025	Chemtech -SO
Q1859-01	COMP-1	Solid	Percent Solids	Cool 4 deg C	POWE02	L41	04/21/2025	Chemtech -SO
Q1859-02	COMP-2	Solid	Percent Solids	Cool 4 deg C	POWE02	L41	04/18/2025	Chemtech -SO
Q1859-03	COMP-3	Solid	Percent Solids	Cool 4 deg C	POWE02	L41	04/18/2025	Chemtech -SO

Date/Time 04/22/25 15:20
Raw Sample Received by:
Raw Sample Relinquished by:

Date/Time 04/22/25 17:10
Raw Sample Received by:
Raw Sample Relinquished by:

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

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135538

Review By	jaswal	Review On	4/25/2025 2:59:16 PM
Supervise By		Supervise On	

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	04/23/25 14:39		Kareem	OK
2	S1	S1	CAL2	04/23/25 14:43		Kareem	OK
3	S2	S2	CAL3	04/23/25 14:47		Kareem	OK
4	S3	S3	CAL4	04/23/25 14:52		Kareem	OK
5	S4	S4	CAL5	04/23/25 14:56		Kareem	OK
6	S5	S5	CAL6	04/23/25 15:00		Kareem	OK
7	ICV01	ICV01	ICV	04/23/25 15:29		Kareem	OK
8	LLICV01	LLICV01	LLICV	04/23/25 15:44		Kareem	OK
9	ICB01	ICB01	ICB	04/23/25 15:49		Kareem	OK
10	CRI01	CRI01	CRDL	04/23/25 15:53		Kareem	OK
11	ICSA01	ICSA01	ICSA	04/23/25 15:58		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	04/23/25 16:02		Kareem	OK
13	ICSADL	ICSADL	ICSA	04/23/25 16:06		Kareem	OK
14	ICSABDL	ICSABDL	ICSAB	04/23/25 16:10		Kareem	OK
15	CCV01	CCV01	CCV	04/23/25 16:15		Kareem	OK
16	CCB01	CCB01	CCB	04/23/25 16:19		Kareem	OK
17	PB167713BL	PB167713BL	MB	04/23/25 16:23		Kareem	OK
18	PB167713BS	PB167713BS	LCS	04/23/25 16:27		Kareem	OK

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

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135538

Review By	jaswal	Review On	4/25/2025 2:59:16 PM
Supervise By		Supervise On	

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	Q1852-01	ETGI-354	SAM	04/23/25 16:31		Kareem	OK
20	Q1852-03	72-11977	SAM	04/23/25 16:36		Kareem	OK
21	Q1852-05	ETGI-278	SAM	04/23/25 16:40		Kareem	OK
22	Q1852-07	72-12013	SAM	04/23/25 16:44		Kareem	OK
23	Q1853-01	EO-02-04222025	SAM	04/23/25 16:48		Kareem	OK
24	Q1854-01	NB-08-04222025	SAM	04/23/25 16:52		Kareem	OK
25	Q1858-01	COMP-1	SAM	04/23/25 16:56		Kareem	OK
26	Q1858-01DUP	COMP-1DUP	DUP	04/23/25 17:00		Kareem	OK
27	CCV02	CCV02	CCV	04/23/25 17:05		Kareem	OK
28	CCB02	CCB02	CCB	04/23/25 17:09		Kareem	OK
29	Q1858-01L	COMP-1L	SD	04/23/25 17:13		Kareem	OK
30	Q1858-01MS	COMP-1MS	MS	04/23/25 17:17		Kareem	OK
31	Q1858-01MSD	COMP-1MSD	MSD	04/23/25 17:22		Kareem	OK
32	Q1858-01A	COMP-1A	PS	04/23/25 17:26		Kareem	OK
33	Q1858-02	COMP-2	SAM	04/23/25 17:30		Kareem	OK
34	Q1858-03	COMP-3	SAM	04/23/25 17:34		Kareem	OK
35	Q1859-01	COMP-1	SAM	04/23/25 17:39		Kareem	OK
36	Q1859-02	COMP-2	SAM	04/23/25 17:43		Kareem	OK
37	Q1859-03	COMP-3	SAM	04/23/25 17:47		Kareem	OK
38	PB167716BL	PB167716BL	MB	04/23/25 17:51		Kareem	OK

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

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135538

Review By	jaswal	Review On	4/25/2025 2:59:16 PM
Supervise By		Supervise On	

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	04/23/25 17:55		Kareem	OK
40	CCB03	CCB03	CCB	04/23/25 17:59		Kareem	OK
41	PB167716BS	PB167716BS	LCS	04/23/25 18:04		Kareem	OK
42	Q1863-03	001-WILLETS-PT-BL	SAM	04/23/25 18:08		Kareem	OK
43	Q1863-04	002-35TH-AVE(APR)	SAM	04/23/25 18:12		Kareem	OK
44	Q1863-04DUP	002-35TH-AVE(APR)D	DUP	04/23/25 18:17		Kareem	OK
45	Q1863-04L	002-35TH-AVE(APR)L	SD	04/23/25 18:21		Kareem	OK
46	Q1863-04MS	002-35TH-AVE(APR)M	MS	04/23/25 18:25		Kareem	OK
47	Q1863-04MSD	002-35TH-AVE(APR)M	MSD	04/23/25 18:29		Kareem	OK
48	Q1863-04A	002-35TH-AVE(APR)A	PS	04/23/25 18:34		Kareem	OK
49	CCV04	CCV04	CCV	04/23/25 18:38		Kareem	OK
50	CCB04	CCB04	CCB	04/23/25 18:42		Kareem	OK

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

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB135540

Review By	mohan	Review On	4/25/2025 1:51:17 PM
Supervise By	jaswal	Supervise On	4/25/2025 9:14:54 PM

STD. NAME	STD REF.#
ICAL Standard	MP85411,MP85412,MP85413,MP85414,MP85415,MP85416
ICV Standard	MP85417
CCV Standard	MP85419
ICSA Standard	
CRI Standard	MP85421
LCS Standard	
Chk Standard	MP85418,MP85420,MP85422,MP85440

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	04/24/25 07:45		mohan	OK
2	S0.2	S0.2	CAL2	04/24/25 07:48		mohan	OK
3	S2.5	S2.5	CAL3	04/24/25 07:50		mohan	OK
4	S5	S5	CAL4	04/24/25 07:52		mohan	OK
5	S7.5	S7.5	CAL5	04/24/25 07:54		mohan	OK
6	S10	S10	CAL6	04/24/25 08:00		mohan	OK
7	ICV99	ICV99	ICV	04/24/25 08:03		mohan	OK
8	ICB99	ICB99	ICB	04/24/25 08:05		mohan	OK
9	CCV17	CCV17	CCV	04/24/25 08:07		mohan	OK
10	CCB17	CCB17	CCB	04/24/25 08:10		mohan	OK
11	CRA	CRA	CRDL	04/24/25 08:12		mohan	OK
12	HighStd	HighStd	HIGH STD	04/24/25 08:14		mohan	OK
13	ChkStd	ChkStd	SAM	04/24/25 08:17		mohan	OK
14	PB167718BL	PB167718BL	MB	04/24/25 08:22		mohan	OK
15	PB167718BS	PB167718BS	LCS	04/24/25 08:24		mohan	OK
16	Q1852-01	ETGI-354	SAM	04/24/25 08:26		mohan	OK
17	Q1852-01DUP	ETGI-354DUP	DUP	04/24/25 08:31		mohan	OK
18	Q1852-01MS	ETGI-354MS	MS	04/24/25 08:34		mohan	OK

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

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB135540

Review By	mohan	Review On	4/25/2025 1:51:17 PM
Supervise By	jaswal	Supervise On	4/25/2025 9:14:54 PM

STD. NAME	STD REF.#
ICAL Standard	MP85411,MP85412,MP85413,MP85414,MP85415,MP85416
ICV Standard	MP85417
CCV Standard	MP85419
ICSA Standard	
CRI Standard	MP85421
LCS Standard	
Chk Standard	MP85418,MP85420,MP85422,MP85440

19	Q1852-01MSD	ETGI-354MSD	MSD	04/24/25 08:36		mohan	OK
20	Q1852-03	72-11977	SAM	04/24/25 08:38		mohan	OK
21	CCV18	CCV18	CCV	04/24/25 08:41		mohan	OK
22	CCB18	CCB18	CCB	04/24/25 08:43		mohan	OK
23	Q1852-05	ETGI-278	SAM	04/24/25 08:45		mohan	OK
24	Q1852-07	72-12013	SAM	04/24/25 08:47		mohan	OK
25	Q1853-01	EO-02-04222025	SAM	04/24/25 08:50		mohan	OK
26	Q1854-01	NB-08-04222025	SAM	04/24/25 08:52		mohan	OK
27	Q1855-03	2001-2002	SAM	04/24/25 08:54		mohan	OK
28	Q1858-01	COMP-1	SAM	04/24/25 08:57		mohan	OK
29	Q1858-02	COMP-2	SAM	04/24/25 08:59		mohan	OK
30	Q1858-03	COMP-3	SAM	04/24/25 09:01		mohan	OK
31	Q1859-01	COMP-1	SAM	04/24/25 09:03		mohan	OK
32	Q1859-02	COMP-2	SAM	04/24/25 09:06		mohan	OK
33	CCV19	CCV19	CCV	04/24/25 09:08		mohan	OK
34	CCB19	CCB19	CCB	04/24/25 09:10		mohan	OK
35	Q1859-03	COMP-3	SAM	04/24/25 09:13		mohan	OK
36	Q1852-01L	ETGI-354L	SD	04/24/25 09:15		mohan	OK
37	Q1852-01A	ETGI-354A	PS	04/24/25 09:17		mohan	OK
38	CCV20	CCV20	CCV	04/24/25 09:19		mohan	OK

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

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB135540

Review By	mohan	Review On	4/25/2025 1:51:17 PM
Supervise By	jaswal	Supervise On	4/25/2025 9:14:54 PM

STD. NAME	STD REF.#
ICAL Standard	MP85411,MP85412,MP85413,MP85414,MP85415,MP85416
ICV Standard	MP85417
CCV Standard	MP85419
ICSA Standard	
CRI Standard	MP85421
LCS Standard	
Chk Standard	MP85418,MP85420,MP85422,MP85440

39	CCB20	CCB20	CCB	04/24/25 09:22		mohan	OK

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO. Q1858
QUOTE NO.
COC Number 2046700

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Kleinfelder
ADDRESS: 180 Sheree Blvd Suite 3800
CITY Exton STATE: PA ZIP: 19341
ATTENTION: Mark Warchol
PHONE: 484-883-3892 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Henry Lea School
PROJECT NO.: LOCATION: Philadelphia, PA
PROJECT MANAGER: Mark Warchol
e-mail: mwarchol@kleinfelder.com
PHONE: 484-883-3892 FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS: Same
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) 5 DAYS*
HARDCOPY (DATA PACKAGE): 5 DAYS*
EDD: 5 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 + Raw Data)
- ☐ NYS ASP A ☐ NYS ASP B
- ☐ Other
- ☐ EDD FORMAT

ANALYSIS

1: PADEP Historic Non-Fill Parameters
2
3
4
5
6
7
8
9

PRESERVATIVES

E

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9
1.	COMP-1	Soil	✓		4/21/25	9:55	4	✓								
2.	COMP-2	↓	↓		↓	10:45	↓	↓								
3.	COMP-3	↓	↓		↓	11:45	↓	↓								
4.																
5.																
6.																
7.																
8.																
9.																
10.																

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	4/21/25	1.
2. FedEx	4-22-25	2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.5°C °C
(Adjust Factor +1)
Comments: IR GUN #1

Page 1 of 1

CLIENT: ☐ Hand Delivered ☑ Other Fedex

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

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

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID :	Q1858 POWE02	**Order Date :**	4/22/2025 2:54:00 PM	**Project Mgr :**	
Client Name :	Kleinfelder	**Project Name :**	Henry Lea School	**Report Type :**	Results+QC
Client Contact :	Mark Warchol	**Receive DateTime :**	4/22/2025 2:50:00 PM	**EDD Type :**	EXCEL NOCLEANUP
Invoice Name :	Kleinfelder	**Purchase Order :**		**Hard Copy Date :**	
Invoice Contact :	Mark Warchol			**Date Signoff :**	

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1858-01	COMP-1	Solid	04/21/2025	09:55					
					VOCMS Group1		8260D		5 Bus. Days
Q1858-02	COMP-2	Solid	04/21/2025	10:45					
					VOCMS Group1		8260D		5 Bus. Days
Q1858-03	COMP-3	Solid	04/21/2025	11:45					
					VOCMS Group1		8260D		5 Bus. Days

Relinguished By : _____

Date / Time : 4/22/25 1510

Received By : JC

Date / Time : 4/22/25 1510

Storage Area : **VOA Refridgerator Room**