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Cover Page

Order ID : Q1836

Project ID : NYCDEP Permit No. 25-P3067-1

Client : Vartan Manufacturing Corp.

Lab Sample Number	Client Sample Number
Q1836-01	METALS-DAY-1
Q1836-02	METALS-DAY-2
Q1836-03	METALS-DAY-3
Q1836-04	METALS-DAY-4
Q1836-05	CYANIDE-1
Q1836-06	CYANIDE-2
Q1836-07	CYANIDE-3
Q1836-08	CYANIDE-4

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: 5/1/2025

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 #: **Q1836**

	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: **KETAN PATEL** **Date:** **05/01/2025**

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LAB CHRONICLE

OrderID:	Q1836	**OrderDate:**	4/18/2025 10:20:00 AM
Client:	Vartan Manufacturing Corp.	**Project:**	NYCDEP Permit No. 25-P3067-1
Contact:	Herman Demirciyan	**Location:**	L31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1836-01	**METALS-DAY-1**	**Water**			**04/21/25**			**04/25/25**
			Mercury	245.1		04/30/25	04/30/25	
			Metals ICP-Group1	200.7		04/28/25	04/30/25	
Q1836-02	**METALS-DAY-2**	**Water**			**04/22/25**			**04/25/25**
			Mercury	245.1		04/30/25	04/30/25	
			Metals ICP-Group1	200.7		04/28/25	04/30/25	
Q1836-03	**METALS-DAY-3**	**Water**			**04/23/25**			**04/25/25**
			Mercury	245.1		04/30/25	04/30/25	
			Metals ICP-Group1	200.7		04/28/25	04/30/25	
Q1836-04	**METALS-DAY-4**	**Water**			**04/24/25**			**04/25/25**
			Mercury	245.1		04/30/25	04/30/25	
			Metals ICP-Group1	200.7		04/28/25	04/30/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1836 **Order ID:** Q1836

Client: Vartan Manufacturing Corp. **Project ID:** NYCDEP Permit No. 25-P3067-1

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : METALS-DAY-1								
Q1836-01	METALS-DAY-1	Water	Copper	0.041		0.0019	0.010	mg/L
Q1836-01	METALS-DAY-1	Water	Lead	0.0014	J	0.0012	0.0060	mg/L
Q1836-01	METALS-DAY-1	Water	Nickel	0.0028	J	0.0019	0.020	mg/L
Q1836-01	METALS-DAY-1	Water	Zinc	0.015	J	0.0020	0.020	mg/L
Client ID : METALS-DAY-2								
Q1836-02	METALS-DAY-2	Water	Copper	0.11		0.0019	0.010	mg/L
Q1836-02	METALS-DAY-2	Water	Lead	0.0019	J	0.0012	0.0060	mg/L
Q1836-02	METALS-DAY-2	Water	Mercury	0.00011	J	0.000027	0.00020	mg/L
Q1836-02	METALS-DAY-2	Water	Nickel	0.0072	J	0.0019	0.020	mg/L
Q1836-02	METALS-DAY-2	Water	Silver	0.0042	J	0.00081	0.0050	mg/L
Q1836-02	METALS-DAY-2	Water	Zinc	0.052		0.0020	0.020	mg/L
Client ID : METALS-DAY-3								
Q1836-03	METALS-DAY-3	Water	Copper	0.053		0.0019	0.010	mg/L
Q1836-03	METALS-DAY-3	Water	Nickel	0.0046	J	0.0019	0.020	mg/L
Q1836-03	METALS-DAY-3	Water	Zinc	0.025		0.0020	0.020	mg/L
Client ID : METALS-DAY-4								
Q1836-04	METALS-DAY-4	Water	Copper	0.079		0.0019	0.010	mg/L
Q1836-04	METALS-DAY-4	Water	Lead	0.0042	J	0.0012	0.0060	mg/L
Q1836-04	METALS-DAY-4	Water	Mercury	0.000047	J	0.000027	0.00020	mg/L
Q1836-04	METALS-DAY-4	Water	Nickel	0.0044	J	0.0019	0.020	mg/L
Q1836-04	METALS-DAY-4	Water	Silver	0.0020	J	0.00081	0.0050	mg/L
Q1836-04	METALS-DAY-4	Water	Zinc	0.035		0.0020	0.020	mg/L

SAMPLE DATA

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Report of Analysis

Client:	Vartan Manufacturing Corp.	Date Collected:	04/21/25
Project:	NYCDEP Permit No. 25-P3067-1	Date Received:	04/25/25
Client Sample ID:	METALS-DAY-1	SDG No.:	Q1836
Lab Sample ID:	Q1836-01	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-43-9	Cadmium	0.00031	U	1	0.00031	0.0030	mg/L	04/28/25 10:05	04/30/25 17:56	EPA 200.7	
7440-47-3	Chromium	0.00053	U	1	0.00053	0.0050	mg/L	04/28/25 10:05	04/30/25 17:56	EPA 200.7	
7440-50-8	Copper	0.041		1	0.0019	0.010	mg/L	04/28/25 10:05	04/30/25 17:56	EPA 200.7	
7439-92-1	Lead	0.0014	J	1	0.0012	0.0060	mg/L	04/28/25 10:05	04/30/25 17:56	EPA 200.7	
7439-97-6	Mercury	0.000027	U	1	0.000027	0.00020	mg/L	04/30/25 08:00	04/30/25 10:25	E245.1	
7439-98-7	Molybdenum	0.0088	U	1	0.0088	0.10	mg/L	04/28/25 10:05	04/30/25 17:56	EPA 200.7	
7440-02-0	Nickel	0.0028	J	1	0.0019	0.020	mg/L	04/28/25 10:05	04/30/25 17:56	EPA 200.7	
7440-22-4	Silver	0.00081	UN	1	0.00081	0.0050	mg/L	04/28/25 10:05	04/30/25 17:56	EPA 200.7	
7440-66-6	Zinc	0.015	J	1	0.0020	0.020	mg/L	04/28/25 10:05	04/30/25 17:56	EPA 200.7	

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	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:	Vartan Manufacturing Corp.	Date Collected:	04/22/25
Project:	NYCDEP Permit No. 25-P3067-1	Date Received:	04/25/25
Client Sample ID:	METALS-DAY-2	SDG No.:	Q1836
Lab Sample ID:	Q1836-02	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-43-9	Cadmium	0.00031	U	1	0.00031	0.0030	mg/L	04/28/25 10:05	04/30/25 18:00	EPA 200.7	
7440-47-3	Chromium	0.00053	U	1	0.00053	0.0050	mg/L	04/28/25 10:05	04/30/25 18:00	EPA 200.7	
7440-50-8	Copper	0.11		1	0.0019	0.010	mg/L	04/28/25 10:05	04/30/25 18:00	EPA 200.7	
7439-92-1	Lead	0.0019	J	1	0.0012	0.0060	mg/L	04/28/25 10:05	04/30/25 18:00	EPA 200.7	
7439-97-6	Mercury	0.00011	J	1	0.000027	0.00020	mg/L	04/30/25 08:00	04/30/25 10:41	E245.1	
7439-98-7	Molybdenum	0.0088	U	1	0.0088	0.10	mg/L	04/28/25 10:05	04/30/25 18:00	EPA 200.7	
7440-02-0	Nickel	0.0072	J	1	0.0019	0.020	mg/L	04/28/25 10:05	04/30/25 18:00	EPA 200.7	
7440-22-4	Silver	0.0042	JN	1	0.00081	0.0050	mg/L	04/28/25 10:05	04/30/25 18:00	EPA 200.7	
7440-66-6	Zinc	0.052		1	0.0020	0.020	mg/L	04/28/25 10:05	04/30/25 18:00	EPA 200.7	

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	Metals Group1				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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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:	Vartan Manufacturing Corp.	Date Collected:	04/23/25
Project:	NYCDEP Permit No. 25-P3067-1	Date Received:	04/25/25
Client Sample ID:	METALS-DAY-3	SDG No.:	Q1836
Lab Sample ID:	Q1836-03	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-43-9	Cadmium	0.00031	U	1	0.00031	0.0030	mg/L	04/28/25 10:05	04/30/25 18:04	EPA 200.7	
7440-47-3	Chromium	0.00053	U	1	0.00053	0.0050	mg/L	04/28/25 10:05	04/30/25 18:04	EPA 200.7	
7440-50-8	Copper	0.053		1	0.0019	0.010	mg/L	04/28/25 10:05	04/30/25 18:04	EPA 200.7	
7439-92-1	Lead	0.0012	U	1	0.0012	0.0060	mg/L	04/28/25 10:05	04/30/25 18:04	EPA 200.7	
7439-97-6	Mercury	0.000027	U	1	0.000027	0.00020	mg/L	04/30/25 08:00	04/30/25 10:43	E245.1	
7439-98-7	Molybdenum	0.0088	U	1	0.0088	0.10	mg/L	04/28/25 10:05	04/30/25 18:04	EPA 200.7	
7440-02-0	Nickel	0.0046	J	1	0.0019	0.020	mg/L	04/28/25 10:05	04/30/25 18:04	EPA 200.7	
7440-22-4	Silver	0.00081	UN	1	0.00081	0.0050	mg/L	04/28/25 10:05	04/30/25 18:04	EPA 200.7	
7440-66-6	Zinc	0.025		1	0.0020	0.020	mg/L	04/28/25 10:05	04/30/25 18:04	EPA 200.7	

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	Metals Group1				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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B = Analyte Found in Associated Method Blank
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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:	Vartan Manufacturing Corp.	Date Collected:	04/24/25
Project:	NYCDEP Permit No. 25-P3067-1	Date Received:	04/25/25
Client Sample ID:	METALS-DAY-4	SDG No.:	Q1836
Lab Sample ID:	Q1836-04	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-43-9	Cadmium	0.00031	U	1	0.00031	0.0030	mg/L	04/28/25 10:05	04/30/25 18:08	EPA 200.7	
7440-47-3	Chromium	0.00053	U	1	0.00053	0.0050	mg/L	04/28/25 10:05	04/30/25 18:08	EPA 200.7	
7440-50-8	Copper	0.079		1	0.0019	0.010	mg/L	04/28/25 10:05	04/30/25 18:08	EPA 200.7	
7439-92-1	Lead	0.0042	J	1	0.0012	0.0060	mg/L	04/28/25 10:05	04/30/25 18:08	EPA 200.7	
7439-97-6	Mercury	0.000047	J	1	0.000027	0.00020	mg/L	04/30/25 08:00	04/30/25 10:45	E245.1	
7439-98-7	Molybdenum	0.0088	U	1	0.0088	0.10	mg/L	04/28/25 10:05	04/30/25 18:08	EPA 200.7	
7440-02-0	Nickel	0.0044	J	1	0.0019	0.020	mg/L	04/28/25 10:05	04/30/25 18:08	EPA 200.7	
7440-22-4	Silver	0.0020	JN	1	0.00081	0.0050	mg/L	04/28/25 10:05	04/30/25 18:08	EPA 200.7	
7440-66-6	Zinc	0.035		1	0.0020	0.020	mg/L	04/28/25 10:05	04/30/25 18:08	EPA 200.7	

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	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
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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

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

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Vartan Manufacturing Corp. **SDG No.:** Q1836

Contract: F&GE01 **Lab Code:** CHEM **Case No.:** Q1836 **SAS No.:** Q1836

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
ICV108	Mercury	3.94	4.0	99	95 - 105	CV	04/30/2025	09:57	LB135601

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Vartan Manufacturing Corp. **SDG No.:** Q1836

Contract: F&GE01 **Lab Code:** CHEM **Case No.:** Q1836 **SAS No.:** Q1836

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
CCV49	Mercury	5.20	5.0	104	90 - 110	CV	04/30/2025	10:01	LB135601
CCV50	Mercury	5.28	5.0	106	90 - 110	CV	04/30/2025	10:36	LB135601
CCV51	Mercury	5.17	5.0	103	90 - 110	CV	04/30/2025	10:52	LB135601

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Vartan Manufacturing Corp. **SDG No.:** Q1836

Contract: F&GE01 **Lab Code:** CHEM **Case No.:** Q1836 **SAS No.:** Q1836

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	Cadmium	500	510	98	95 - 105	P	04/30/2025	16:18	LB135614
	Chromium	510	520	98	95 - 105	P	04/30/2025	16:18	LB135614
	Copper	495	510	97	95 - 105	P	04/30/2025	16:18	LB135614
	Lead	987	1000	99	95 - 105	P	04/30/2025	16:18	LB135614
	Molybdenum	2500	2500	100	95 - 105	P	04/30/2025	16:18	LB135614
	Nickel	526	530	99	95 - 105	P	04/30/2025	16:18	LB135614
	Silver	262	250	105	95 - 105	P	04/30/2025	16:18	LB135614
	Zinc	969	1000	97	95 - 105	P	04/30/2025	16:18	LB135614

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Vartan Manufacturing Corp. **SDG No.:** Q1836

Contract: F&GE01 **Lab Code:** CHEM **Case No.:** Q1836 **SAS No.:** Q1836

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	Cadmium	6.58	6.0	110	80 - 120	P	04/30/2025	16:28	LB135614
	Chromium	9.76	10.0	98	80 - 120	P	04/30/2025	16:28	LB135614
	Copper	23.3	20.0	116	80 - 120	P	04/30/2025	16:28	LB135614
	Lead	12.4	12.0	103	80 - 120	P	04/30/2025	16:28	LB135614
	Molybdenum	220	200	110	80 - 120	P	04/30/2025	16:28	LB135614
	Nickel	41.8	40.0	104	80 - 120	P	04/30/2025	16:28	LB135614
	Silver	10.7	10.0	107	80 - 120	P	04/30/2025	16:28	LB135614
	Zinc	42.5	40.0	106	80 - 120	P	04/30/2025	16:28	LB135614

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Vartan Manufacturing Corp. **SDG No.:** Q1836

Contract: F&GE01 **Lab Code:** CHEM **Case No.:** Q1836 **SAS No.:** Q1836

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	Cadmium	2530	2500	101	90 - 110	P	04/30/2025	17:27	LB135614
	Chromium	1020	1000	102	90 - 110	P	04/30/2025	17:27	LB135614
	Copper	1250	1250	100	90 - 110	P	04/30/2025	17:27	LB135614
	Lead	5060	5000	101	90 - 110	P	04/30/2025	17:27	LB135614
	Molybdenum	5050	5000	101	90 - 110	P	04/30/2025	17:27	LB135614
	Nickel	2520	2500	101	90 - 110	P	04/30/2025	17:27	LB135614
	Silver	1250	1250	100	90 - 110	P	04/30/2025	17:27	LB135614
	Zinc	2510	2500	100	90 - 110	P	04/30/2025	17:27	LB135614
CCV02	Cadmium	2560	2500	102	90 - 110	P	04/30/2025	18:30	LB135614
	Chromium	1040	1000	104	90 - 110	P	04/30/2025	18:30	LB135614
	Copper	1220	1250	97	90 - 110	P	04/30/2025	18:30	LB135614
	Lead	5080	5000	102	90 - 110	P	04/30/2025	18:30	LB135614
	Molybdenum	5000	5000	100	90 - 110	P	04/30/2025	18:30	LB135614
	Nickel	2520	2500	101	90 - 110	P	04/30/2025	18:30	LB135614
	Silver	1250	1250	100	90 - 110	P	04/30/2025	18:30	LB135614
	Zinc	2490	2500	100	90 - 110	P	04/30/2025	18:30	LB135614
CCV03	Cadmium	2570	2500	103	90 - 110	P	04/30/2025	19:37	LB135614
	Chromium	1040	1000	104	90 - 110	P	04/30/2025	19:37	LB135614
	Copper	1260	1250	101	90 - 110	P	04/30/2025	19:37	LB135614
	Lead	5110	5000	102	90 - 110	P	04/30/2025	19:37	LB135614
	Molybdenum	5100	5000	102	90 - 110	P	04/30/2025	19:37	LB135614
	Nickel	2550	2500	102	90 - 110	P	04/30/2025	19:37	LB135614
	Silver	1270	1250	102	90 - 110	P	04/30/2025	19:37	LB135614
	Zinc	2540	2500	102	90 - 110	P	04/30/2025	19:37	LB135614
CCV04	Cadmium	2550	2500	102	90 - 110	P	04/30/2025	20:23	LB135614
	Chromium	1050	1000	105	90 - 110	P	04/30/2025	20:23	LB135614
	Copper	1250	1250	100	90 - 110	P	04/30/2025	20:23	LB135614
	Lead	5100	5000	102	90 - 110	P	04/30/2025	20:23	LB135614
	Molybdenum	5060	5000	101	90 - 110	P	04/30/2025	20:23	LB135614
	Nickel	2530	2500	101	90 - 110	P	04/30/2025	20:23	LB135614
	Silver	1270	1250	101	90 - 110	P	04/30/2025	20:23	LB135614
	Zinc	2520	2500	101	90 - 110	P	04/30/2025	20:23	LB135614
CCV05	Cadmium	2530	2500	101	90 - 110	P	04/30/2025	21:08	LB135614
	Chromium	1050	1000	105	90 - 110	P	04/30/2025	21:08	LB135614

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Vartan Manufacturing Corp. **SDG No.:** Q1836

Contract: F&GE01 **Lab Code:** CHEM **Case No.:** Q1836 **SAS No.:** Q1836

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
CCV05	Copper	1240	1250	99	90 - 110	P	04/30/2025	21:08	LB135614
	Lead	5070	5000	101	90 - 110	P	04/30/2025	21:08	LB135614
	Molybdenum	5040	5000	101	90 - 110	P	04/30/2025	21:08	LB135614
	Nickel	2510	2500	100	90 - 110	P	04/30/2025	21:08	LB135614
	Silver	1260	1250	100	90 - 110	P	04/30/2025	21:08	LB135614
	Zinc	2500	2500	100	90 - 110	P	04/30/2025	21:08	LB135614
CCV06	Cadmium	2500	2500	100	90 - 110	P	04/30/2025	21:54	LB135614
	Chromium	1010	1000	101	90 - 110	P	04/30/2025	21:54	LB135614
	Copper	1250	1250	100	90 - 110	P	04/30/2025	21:54	LB135614
	Lead	5010	5000	100	90 - 110	P	04/30/2025	21:54	LB135614
	Molybdenum	5000	5000	100	90 - 110	P	04/30/2025	21:54	LB135614
	Nickel	2490	2500	100	90 - 110	P	04/30/2025	21:54	LB135614
	Silver	1230	1250	98	90 - 110	P	04/30/2025	21:54	LB135614
	Zinc	2450	2500	98	90 - 110	P	04/30/2025	21:54	LB135614
CCV07	Cadmium	2440	2500	98	90 - 110	P	04/30/2025	22:40	LB135614
	Chromium	995	1000	100	90 - 110	P	04/30/2025	22:40	LB135614
	Copper	1290	1250	103	90 - 110	P	04/30/2025	22:40	LB135614
	Lead	4900	5000	98	90 - 110	P	04/30/2025	22:40	LB135614
	Molybdenum	5090	5000	102	90 - 110	P	04/30/2025	22:40	LB135614
	Nickel	2460	2500	98	90 - 110	P	04/30/2025	22:40	LB135614
	Silver	1240	1250	99	90 - 110	P	04/30/2025	22:40	LB135614
	Zinc	2510	2500	100	90 - 110	P	04/30/2025	22:40	LB135614
CCV08	Cadmium	2440	2500	98	90 - 110	P	04/30/2025	23:05	LB135614
	Chromium	989	1000	99	90 - 110	P	04/30/2025	23:05	LB135614
	Copper	1280	1250	103	90 - 110	P	04/30/2025	23:05	LB135614
	Lead	4880	5000	98	90 - 110	P	04/30/2025	23:05	LB135614
	Molybdenum	5060	5000	101	90 - 110	P	04/30/2025	23:05	LB135614
	Nickel	2450	2500	98	90 - 110	P	04/30/2025	23:05	LB135614
	Silver	1240	1250	100	90 - 110	P	04/30/2025	23:05	LB135614
	Zinc	2510	2500	100	90 - 110	P	04/30/2025	23:05	LB135614

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Metals

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CRDL STANDARD FOR AA & ICP

Client: Vartan Manufacturing Corp. **SDG No.:** Q1836

Contract: F&GE01 **Lab Code:** CHEM **Case No.:** Q1836 **SAS No.:** Q1836

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
CRA	Mercury	0.041	0.05	82	40 - 160	CV	04/30/2025	10:08	LB135601
CRI01	Cadmium	6.34	6.0	106	40 - 160	P	04/30/2025	16:41	LB135614
	Chromium	9.88	10.0	99	40 - 160	P	04/30/2025	16:41	LB135614
	Copper	23.2	20.0	116	40 - 160	P	04/30/2025	16:41	LB135614
	Lead	13.5	12.0	112	40 - 160	P	04/30/2025	16:41	LB135614
	Molybdenum	220	200	110	40 - 160	P	04/30/2025	16:41	LB135614
	Nickel	41.3	40.0	103	40 - 160	P	04/30/2025	16:41	LB135614
	Silver	10.8	10.0	108	40 - 160	P	04/30/2025	16:41	LB135614
	Zinc	42.8	40.0	107	40 - 160	P	04/30/2025	16:41	LB135614

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Vartan Manufacturing Corp. **SDG No.:** Q1836

Contract: F&GE01 **Lab Code:** CHEM **Case No.:** Q1836 **SAS No.:** Q1836

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB108	Mercury	0.20	+/-0.20	U	0.20	CV	04/30/2025	09:59	LB135601

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Vartan Manufacturing Corp. **SDG No.:** Q1836

Contract: F&GE01 **Lab Code:** CHEM **Case No.:** Q1836 **SAS No.:** Q1836

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB49	Mercury	0.20	+/-0.20	U	0.20	CV	04/30/2025	10:06	LB135601
CCB50	Mercury	0.20	+/-0.20	U	0.20	CV	04/30/2025	10:39	LB135601
CCB51	Mercury	0.20	+/-0.20	U	0.20	CV	04/30/2025	10:55	LB135601

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Vartan Manufacturing Corp. **SDG No.:** Q1836

Contract: F&GE01 **Lab Code:** CHEM **Case No.:** Q1836 **SAS No.:** Q1836

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Cadmium	6.00	+/-6.00	U	6.00	P	04/30/2025	16:36	LB135614
	Chromium	10.0	+/-10.0	U	10.0	P	04/30/2025	16:36	LB135614
	Copper	20.0	+/-20.0	U	20.0	P	04/30/2025	16:36	LB135614
	Lead	12.0	+/-12.0	U	12.0	P	04/30/2025	16:36	LB135614
	Molybdenum	200	+/-200	U	200	P	04/30/2025	16:36	LB135614
	Nickel	40.0	+/-40.0	U	40.0	P	04/30/2025	16:36	LB135614
	Silver	10.0	+/-10.0	U	10.0	P	04/30/2025	16:36	LB135614
	Zinc	40.0	+/-40.0	U	40.0	P	04/30/2025	16:36	LB135614

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Vartan Manufacturing Corp. **SDG No.:** Q1836

Contract: F&GE01 **Lab Code:** CHEM **Case No.:** Q1836 **SAS No.:** Q1836

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Cadmium	6.00	+/-6.00	U	6.00	P	04/30/2025	17:38	LB135614
	Chromium	10.0	+/-10.0	U	10.0	P	04/30/2025	17:38	LB135614
	Copper	20.0	+/-20.0	U	20.0	P	04/30/2025	17:38	LB135614
	Lead	12.0	+/-12.0	U	12.0	P	04/30/2025	17:38	LB135614
	Molybdenum	200	+/-200	U	200	P	04/30/2025	17:38	LB135614
	Nickel	40.0	+/-40.0	U	40.0	P	04/30/2025	17:38	LB135614
	Silver	10.0	+/-10.0	U	10.0	P	04/30/2025	17:38	LB135614
	Zinc	40.0	+/-40.0	U	40.0	P	04/30/2025	17:38	LB135614
CCB02	Cadmium	6.00	+/-6.00	U	6.00	P	04/30/2025	18:35	LB135614
	Chromium	10.0	+/-10.0	U	10.0	P	04/30/2025	18:35	LB135614
	Copper	20.0	+/-20.0	U	20.0	P	04/30/2025	18:35	LB135614
	Lead	12.0	+/-12.0	U	12.0	P	04/30/2025	18:35	LB135614
	Molybdenum	200	+/-200	U	200	P	04/30/2025	18:35	LB135614
	Nickel	40.0	+/-40.0	U	40.0	P	04/30/2025	18:35	LB135614
	Silver	10.0	+/-10.0	U	10.0	P	04/30/2025	18:35	LB135614
	Zinc	40.0	+/-40.0	U	40.0	P	04/30/2025	18:35	LB135614
CCB03	Cadmium	1.42	+/-6.00	J	6.00	P	04/30/2025	19:41	LB135614
	Chromium	10.0	+/-10.0	U	10.0	P	04/30/2025	19:41	LB135614
	Copper	20.0	+/-20.0	U	20.0	P	04/30/2025	19:41	LB135614
	Lead	3.92	+/-12.0	J	12.0	P	04/30/2025	19:41	LB135614
	Molybdenum	200	+/-200	U	200	P	04/30/2025	19:41	LB135614
	Nickel	40.0	+/-40.0	U	40.0	P	04/30/2025	19:41	LB135614
	Silver	10.0	+/-10.0	U	10.0	P	04/30/2025	19:41	LB135614
	Zinc	40.0	+/-40.0	U	40.0	P	04/30/2025	19:41	LB135614
CCB04	Cadmium	0.57	+/-6.00	J	6.00	P	04/30/2025	20:27	LB135614
	Chromium	10.0	+/-10.0	U	10.0	P	04/30/2025	20:27	LB135614
	Copper	20.0	+/-20.0	U	20.0	P	04/30/2025	20:27	LB135614
	Lead	12.0	+/-12.0	U	12.0	P	04/30/2025	20:27	LB135614
	Molybdenum	200	+/-200	U	200	P	04/30/2025	20:27	LB135614
	Nickel	40.0	+/-40.0	U	40.0	P	04/30/2025	20:27	LB135614
	Silver	10.0	+/-10.0	U	10.0	P	04/30/2025	20:27	LB135614
	Zinc	40.0	+/-40.0	U	40.0	P	04/30/2025	20:27	LB135614
CCB05	Cadmium	0.94	+/-6.00	J	6.00	P	04/30/2025	21:13	LB135614
	Chromium	10.0	+/-10.0	U	10.0	P	04/30/2025	21:13	LB135614
	Copper	20.0	+/-20.0	U	20.0	P	04/30/2025	21:13	LB135614
	Lead	12.0	+/-12.0	U	12.0	P	04/30/2025	21:13	LB135614
	Molybdenum	200	+/-200	U	200	P	04/30/2025	21:13	LB135614
	Nickel	40.0	+/-40.0	U	40.0	P	04/30/2025	21:13	LB135614
	Silver	10.0	+/-10.0	U	10.0	P	04/30/2025	21:13	LB135614

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Vartan Manufacturing Corp. **SDG No.:** Q1836

Contract: F&GE01 **Lab Code:** CHEM **Case No.:** Q1836 **SAS No.:** Q1836

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB05	Zinc	40.0	+/-40.0	U	40.0	P	04/30/2025	21:13	LB135614
CCB06	Cadmium	6.00	+/-6.00	U	6.00	P	04/30/2025	21:58	LB135614
	Chromium	10.0	+/-10.0	U	10.0	P	04/30/2025	21:58	LB135614
	Copper	20.0	+/-20.0	U	20.0	P	04/30/2025	21:58	LB135614
	Lead	2.39	+/-12.0	J	12.0	P	04/30/2025	21:58	LB135614
	Molybdenum	200	+/-200	U	200	P	04/30/2025	21:58	LB135614
	Nickel	40.0	+/-40.0	U	40.0	P	04/30/2025	21:58	LB135614
	Silver	10.0	+/-10.0	U	10.0	P	04/30/2025	21:58	LB135614
	Zinc	40.0	+/-40.0	U	40.0	P	04/30/2025	21:58	LB135614
CCB07	Cadmium	0.88	+/-6.00	J	6.00	P	04/30/2025	22:44	LB135614
	Chromium	10.0	+/-10.0	U	10.0	P	04/30/2025	22:44	LB135614
	Copper	20.0	+/-20.0	U	20.0	P	04/30/2025	22:44	LB135614
	Lead	12.0	+/-12.0	U	12.0	P	04/30/2025	22:44	LB135614
	Molybdenum	200	+/-200	U	200	P	04/30/2025	22:44	LB135614
	Nickel	40.0	+/-40.0	U	40.0	P	04/30/2025	22:44	LB135614
	Silver	10.0	+/-10.0	U	10.0	P	04/30/2025	22:44	LB135614
	Zinc	40.0	+/-40.0	U	40.0	P	04/30/2025	22:44	LB135614
CCB08	Cadmium	6.00	+/-6.00	U	6.00	P	04/30/2025	23:09	LB135614
	Chromium	10.0	+/-10.0	U	10.0	P	04/30/2025	23:09	LB135614
	Copper	20.0	+/-20.0	U	20.0	P	04/30/2025	23:09	LB135614
	Lead	12.0	+/-12.0	U	12.0	P	04/30/2025	23:09	LB135614
	Molybdenum	200	+/-200	U	200	P	04/30/2025	23:09	LB135614
	Nickel	40.0	+/-40.0	U	40.0	P	04/30/2025	23:09	LB135614
	Silver	10.0	+/-10.0	U	10.0	P	04/30/2025	23:09	LB135614
	Zinc	40.0	+/-40.0	U	40.0	P	04/30/2025	23:09	LB135614

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Metals
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PREPARATION BLANK SUMMARY

Client: Vartan Manufacturing Corp. **SDG No.:** Q1836

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167801BL		**WATER**		**Batch Number:**	**PB167801**		**Prep Date:**	**04/30/2025**	
	Mercury	0.20	<0.20	U	0.20	CV	04/30/2025	10:18	LB135601

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Metals
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PREPARATION BLANK SUMMARY

Client: Vartan Manufacturing Corp. **SDG No.:** Q1836

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167758BL		**WATER**		**Batch Number:**	**PB167758**		**Prep Date:**	**04/28/2025**	
	Cadmium	3.00	<3.00	U	3.00	P	04/30/2025	17:43	LB135614
	Chromium	5.00	<5.00	U	5.00	P	04/30/2025	17:43	LB135614
	Copper	10.0	<10.0	U	10.0	P	04/30/2025	17:43	LB135614
	Lead	6.00	<6.00	U	6.00	P	04/30/2025	17:43	LB135614
	Molybdenum	100	<100	U	100	P	04/30/2025	17:43	LB135614
	Nickel	20.0	<20.0	U	20.0	P	04/30/2025	17:43	LB135614
	Silver	5.00	<5.00	U	5.00	P	04/30/2025	17:43	LB135614
	Zinc	20.0	<20.0	U	20.0	P	04/30/2025	17:43	LB135614

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Metals
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INTERFERENCE CHECK SAMPLE

Client: Vartan Manufacturing Corp. **SDG No.:** Q1836

Contract: F&GE01 **Lab Code:** CHEM **Case No.:** Q1836 **SAS No.:** Q1836

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	Cadmium	-2.34	1.0	234	-5	7	04/30/2025	16:46	LB135614
	Chromium	56.4	52.0	108	42	62	04/30/2025	16:46	LB135614
	Copper	1.85	2.0	92	-18	22	04/30/2025	16:46	LB135614
	Lead	-0.96			-12	12	04/30/2025	16:46	LB135614
	Molybdenum	-0.055	1000		-200	200	04/30/2025	16:46	LB135614
	Nickel	1.86	2.0	93	-38	42	04/30/2025	16:46	LB135614
	Silver	1.91			-10	10	04/30/2025	16:46	LB135614
	Zinc	3.18			-40	40	04/30/2025	16:46	LB135614
ICSAB01	Cadmium	1090	972	112	826	1120	04/30/2025	17:04	LB135614
	Chromium	600	542	111	460	624	04/30/2025	17:04	LB135614
	Copper	502	511	98	434	588	04/30/2025	17:04	LB135614
	Lead	50.9	49.0	104	37	61	04/30/2025	17:04	LB135614
	Molybdenum	999	1000	100	850	1150	04/30/2025	17:04	LB135614
	Nickel	1050	954	110	810	1100	04/30/2025	17:04	LB135614
	Silver	205	201	102	170	232	04/30/2025	17:04	LB135614
	Zinc	1090	952	114	809	1095	04/30/2025	17:04	LB135614
ICSA	Cadmium	-3.60	1.0	360	-5	7	04/30/2025	17:09	LB135614
	Chromium	40.2	52.0	77	42	62	04/30/2025	17:09	LB135614
	Copper	7.17	2.0	358	-18	22	04/30/2025	17:09	LB135614
	Lead	18.8			-12	12	04/30/2025	17:09	LB135614
	Molybdenum	-3.88	1000		-200	200	04/30/2025	17:09	LB135614
	Nickel	4.54	2.0	227	-38	42	04/30/2025	17:09	LB135614
	Silver	-1.70			-10	10	04/30/2025	17:09	LB135614
	Zinc	-7.90			-40	40	04/30/2025	17:09	LB135614
ICSAB	Cadmium	1080	972	111	826	1120	04/30/2025	17:13	LB135614
	Chromium	613	542	113	460	624	04/30/2025	17:13	LB135614
	Copper	542	511	106	434	588	04/30/2025	17:13	LB135614
	Lead	42.9	49.0	88	37	61	04/30/2025	17:13	LB135614
	Molybdenum	1060	1000	106	850	1150	04/30/2025	17:13	LB135614
	Nickel	1060	954	111	810	1100	04/30/2025	17:13	LB135614
	Silver	186	201	92	170	232	04/30/2025	17:13	LB135614
	Zinc	1060	952	111	809	1095	04/30/2025	17:13	LB135614

METAL
QC
DATA

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metals
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MATRIX SPIKE SUMMARY

client: Vartan Manufacturing Corp. **level:** low **sdg no.:** Q1836

contract: F&GE01 **lab code:** CHEM **case no.:** Q1836 **sas no.:** Q1836

matrix: Water **sample id:** Q1836-01 **client id:** METALS-DAY-1MS

Percent Solids for Sample: NA **Spiked ID:** Q1836-01MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	3.56		0.20	U	4.0	89		CV

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: Vartan Manufacturing Corp. **level:** low **sdg no.:** Q1836

contract: F&GE01 **lab code:** CHEM **case no.:** Q1836 **sas no.:** Q1836

matrix: Water **sample id:** Q1836-01 **client id:** METALS-DAY-1MSD

Percent Solids for Sample: NA **Spiked ID:** Q1836-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	3.64		0.20	U	4.0	91		CV

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metals
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MATRIX SPIKE SUMMARY

client: Vartan Manufacturing Corp. **level:** low **sdg no.:** Q1836

contract: F&GE01 **lab code:** CHEM **case no.:** Q1836 **sas no.:** Q1836

matrix: Water **sample id:** Q1836-04 **client id:** METALS-DAY-4MS

Percent Solids for Sample: NA **Spiked ID:** Q1836-04MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cadmium	ug/L	75 - 125	110		3.00	U	100	110		P
Chromium	ug/L	75 - 125	234		5.00	U	200	117		P
Copper	ug/L	75 - 125	242		79.4		150	108		P
Lead	ug/L	75 - 125	533		4.23	J	500	106		P
Molybdenum	ug/L	75 - 125	235		100	U	200	118		P
Nickel	ug/L	75 - 125	274		4.43	J	250	108		P
Silver	ug/L	75 - 125	17.3		1.97	J	37.5	41	N	P
Zinc	ug/L	75 - 125	145		35.2		100	110		P

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: Vartan Manufacturing Corp. **level:** low **sdg no.:** Q1836

contract: F&GE01 **lab code:** CHEM **case no.:** Q1836 **sas no.:** Q1836

matrix: Water **sample id:** Q1836-04 **client id:** METALS-DAY-4MSD

Percent Solids for Sample: NA **Spiked ID:** Q1836-04MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cadmium	ug/L	75 - 125	103		3.00	U	100	103		P
Chromium	ug/L	75 - 125	225		5.00	U	200	112		P
Copper	ug/L	75 - 125	235		79.4		150	104		P
Lead	ug/L	75 - 125	494		4.23	J	500	98		P
Molybdenum	ug/L	75 - 125	203		100	U	200	102		P
Nickel	ug/L	75 - 125	269		4.43	J	250	106		P
Silver	ug/L	75 - 125	19.6		1.97	J	37.5	47	N	P
Zinc	ug/L	75 - 125	136		35.2		100	100		P

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Metals
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POST DIGEST SPIKE SUMMARY

Client: Vartan Manufacturing Corp. **SDG No.:** Q1836

Contract: F&GE01 **Lab Code:** CHEM **Case No.:** Q1836 **SAS No.:** Q1836

Matrix: Water **Level:** LOW **Client ID:** METALS-DAY-4A

Sample ID: Q1836-04 **Spiked ID:** Q1836-04A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Silver	ug/L	85 - 115	37.8		1.97	J	37.5	96		P

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Vartan Manufacturing Corp. **Level:** LOW **SDG No.:** Q1836

Contract: F&GE01 **Lab Code:** CHEM **Case No.:** Q1836 **SAS No.:** Q1836

Matrix: Water **Sample ID:** Q1836-01 **Client ID:** METALS-DAY-1DUP

Percent Solids for Sample: NA **Duplicate ID** Q1836-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	0.20	U	0.20	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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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Vartan Manufacturing Corp. **Level:** LOW **SDG No.:** Q1836

Contract: F&GE01 **Lab Code:** CHEM **Case No.:** Q1836 **SAS No.:** Q1836

Matrix: Water **Sample ID:** Q1836-01MS **Client ID:** METALS-DAY-1MSD

Percent Solids for Sample: NA **Duplicate ID** Q1836-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	3.56		3.64		2		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: Vartan Manufacturing Corp. **Level:** LOW **SDG No.:** Q1836

Contract: F&GE01 **Lab Code:** CHEM **Case No.:** Q1836 **SAS No.:** Q1836

Matrix: Water **Sample ID:** Q1836-04 **Client ID:** METALS-DAY-4DUP

Percent Solids for Sample: NA **Duplicate ID** Q1836-04DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cadmium	ug/L	20	3.00	U	3.00	U			P
Chromium	ug/L	20	5.00	U	0.91	J	200.0		P
Copper	ug/L	20	79.4		83.4		5		P
Lead	ug/L	20	4.23	J	2.70	J	44		P
Molybdenum	ug/L	20	100	U	100	U			P
Nickel	ug/L	20	4.43	J	5.67	J	25		P
Silver	ug/L	20	1.97	J	2.39	J	19		P
Zinc	ug/L	20	35.2		36.0		2		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: Vartan Manufacturing Corp. **Level:** LOW **SDG No.:** Q1836

Contract: F&GE01 **Lab Code:** CHEM **Case No.:** Q1836 **SAS No.:** Q1836

Matrix: Water **Sample ID:** Q1836-04MS **Client ID:** METALS-DAY-4MSD

Percent Solids for Sample: NA **Duplicate ID** Q1836-04MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cadmium	ug/L	20	110		103		7		P
Chromium	ug/L	20	234		225		4		P
Copper	ug/L	20	242		235		3		P
Lead	ug/L	20	533		494		8		P
Molybdenum	ug/L	20	235		203		15		P
Nickel	ug/L	20	274		269		2		P
Silver	ug/L	20	17.3		19.6		12		P
Zinc	ug/L	20	145		136		6		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: Vartan Manufacturing Corp. **SDG No.:** Q1836

Contract: F&GE01 **Lab Code:** CHEM **Case No.:** Q1836 **SAS No.:** Q1836

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167758BS							
Cadmium	ug/L	100	103		103	85 - 115	P
Chromium	ug/L	200	206		103	85 - 115	P
Copper	ug/L	150	149		99	85 - 115	P
Lead	ug/L	500	506		101	85 - 115	P
Molybdenum	ug/L	200	204		102	85 - 115	P
Nickel	ug/L	250	250		100	85 - 115	P
Silver	ug/L	37.5	37.7		100	85 - 115	P
Zinc	ug/L	100	111		111	85 - 115	P

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Vartan Manufacturing Corp. **SDG No.:** Q1836

Contract: F&GE01 **Lab Code:** CHEM **Case No.:** Q1836 **SAS No.:** Q1836

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167801BS							
Mercury	ug/L	4.0	3.69		92	85 - 115	CV

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

METALS-DAY-1L

Lab Name: Chemtech Consulting Group **Contract:** F&GE01

Lab Code: CHEM **Lb No.:** lb135601 **Lab Sample ID :** Q1836-01L **SDG No.:** Q1836

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

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Mercury	0.20	U	1.00	U			CV

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

METALS-DAY-4L

Lab Name: Chemtech Consulting Group **Contract:** F&GE01

Lab Code: CHEM **Lb No.:** lb135614 **Lab Sample ID :** Q1836-04L **SDG No.:** Q1836

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

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Cadmium	3.00	U	15.0	U			P
Chromium	5.00	U	25.0	U			P
Copper	79.4		85.6		8		P
Lead	4.23	J	8.42	J	99		P
Molybdenum	100	U	500	U			P
Nickel	4.43	J	100	U	100.0		P
Silver	1.97	J	25.0	U	100.0		P
Zinc	35.2		43.4	J	23		P

METAL PREPARATION & INSTRUMENT DATA

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Vartan Manufacturing Corp. **SDG No.:** Q1836

Contract: F&GE01 **Lab Code:** CHEM **Case No.:** Q1836 **SAS No.:** Q1836

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
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Vartan Manufacturing Corp. **SDG No.:** Q1836

Contract: F&GE01 **Lab Code:** CHEM **Case No.:** Q1836 **SAS No.:** Q1836

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
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	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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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Vartan Manufacturing Corp. **SDG No.:** Q1836

Contract: F&GE01 **Lab Code:** CHEM **Case No.:** Q1836 **SAS No.:** Q1836

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
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Vartan Manufacturing Corp. **SDG No.:** Q1836

Contract: F&GE01 **Lab Code:** CHEM **Case No.:** Q1836 **SAS No.:** Q1836

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
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	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: Vartan Manufacturing Corp. **SDG No.:** Q1836

Contract: F&GE01 **Lab Code:** CHEM **Case No.:** Q1836 **SAS No.:** Q1836

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
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	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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Metals
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SAMPLE PREPARATION SUMMARY

Client: Vartan Manufacturing Corp. **SDG No.:** Q1836

Contract: F&GE01 **Lab Code:** CHEM **Method:**

Case No.: Q1836 **SAS No.:** Q1836

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB167758**						
PB167758BL	PB167758BL	MB	WATER	04/28/2025	50.0	25.0	
PB167758BS	PB167758BS	LCS	WATER	04/28/2025	50.0	25.0	
Q1836-01	METALS-DAY-1	SAM	WATER	04/28/2025	50.0	25.0	
Q1836-02	METALS-DAY-2	SAM	WATER	04/28/2025	50.0	25.0	
Q1836-03	METALS-DAY-3	SAM	WATER	04/28/2025	50.0	25.0	
Q1836-04	METALS-DAY-4	SAM	WATER	04/28/2025	50.0	25.0	
Q1836-04DUP	METALS-DAY-4DUP	DUP	WATER	04/28/2025	50.0	25.0	
Q1836-04MS	METALS-DAY-4MS	MS	WATER	04/28/2025	50.0	25.0	
Q1836-04MSD	METALS-DAY-4MSD	MSD	WATER	04/28/2025	50.0	25.0	

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Metals
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SAMPLE PREPARATION SUMMARY

Client: Vartan Manufacturing Corp. **SDG No.:** Q1836

Contract: F&GE01 **Lab Code:** CHEM **Method:**

Case No.: Q1836 **SAS No.:** Q1836

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB167801**						
PB167801BL	PB167801BL	MB	WATER	04/30/2025	30.0	30.0	
PB167801BS	PB167801BS	LCS	WATER	04/30/2025	30.0	30.0	
Q1836-01	METALS-DAY-1	SAM	WATER	04/30/2025	30.0	30.0	
Q1836-01DUP	METALS-DAY-1DUP	DUP	WATER	04/30/2025	30.0	30.0	
Q1836-01MS	METALS-DAY-1MS	MS	WATER	04/30/2025	30.0	30.0	
Q1836-01MSD	METALS-DAY-1MSD	MSD	WATER	04/30/2025	30.0	30.0	
Q1836-02	METALS-DAY-2	SAM	WATER	04/30/2025	30.0	30.0	
Q1836-03	METALS-DAY-3	SAM	WATER	04/30/2025	30.0	30.0	
Q1836-04	METALS-DAY-4	SAM	WATER	04/30/2025	30.0	30.0	

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ANALYSIS RUN LOG

Client: Vartan Manufacturing Corp. **Contract:** F&GE01

Lab code: CHEM **Case no.:** Q1836 **Sas no.:** Q1836 **Sdg no.:** Q1836

Instrument id number: **Method:** **Run number:** LB135601

Start date: 04/30/2025 **End date:** 04/30/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0931	HG
S0.05	S0.05	1	0934	HG
S0.2	S0.2	1	0936	HG
S2.5	S2.5	1	0938	HG
S5	S5	1	0941	HG
S7.5	S7.5	1	0943	HG
S10	S10	1	0945	HG
ICV108	ICV108	1	0957	HG
ICB108	ICB108	1	0959	HG
CCV49	CCV49	1	1001	HG
CCB49	CCB49	1	1006	HG
CRA	CRA	1	1008	HG
PB167801BL	PB167801BL	1	1018	HG
PB167801BS	PB167801BS	1	1020	HG
Q1836-01	METALS-DAY-1	1	1025	HG
Q1836-01DUP	METALS-DAY-1DUP	1	1027	HG
Q1836-01MS	METALS-DAY-1MS	1	1032	HG
Q1836-01MSD	METALS-DAY-1MSD	1	1034	HG
CCV50	CCV50	1	1036	HG
CCB50	CCB50	1	1039	HG
Q1836-02	METALS-DAY-2	1	1041	HG
Q1836-03	METALS-DAY-3	1	1043	HG
Q1836-04	METALS-DAY-4	1	1045	HG
Q1836-01L	METALS-DAY-1L	5	1048	HG
CCV51	CCV51	1	1052	HG
CCB51	CCB51	1	1055	HG

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metals
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ANALYSIS RUN LOG

Client: Vartan Manufacturing Corp. **Contract:** F&GE01

Lab code: CHEM **Case no.:** Q1836 **Sas no.:** Q1836 **Sdg no.:** Q1836

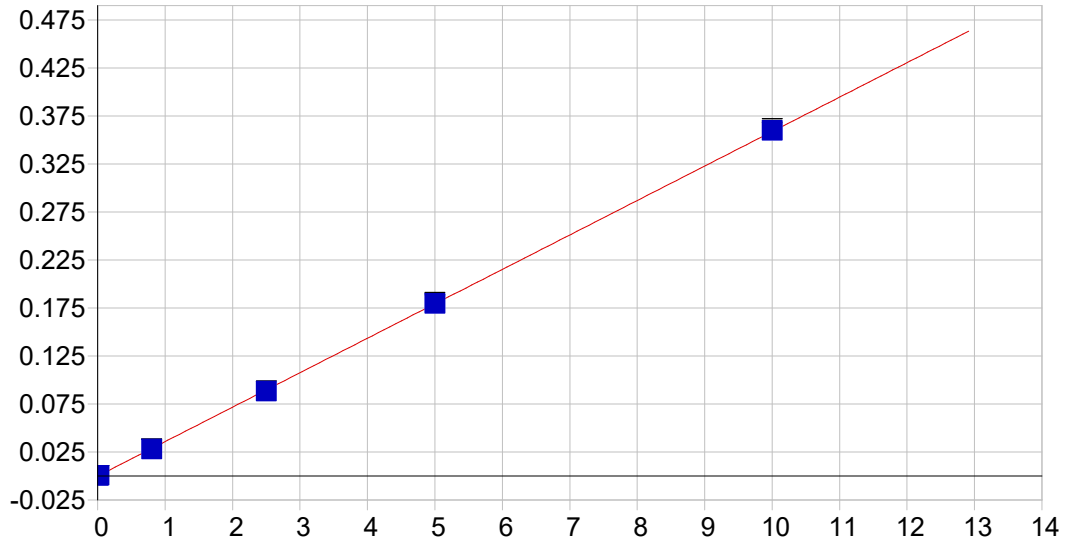
Instrument id number: **Method:** **Run number:** LB135614

Start date: 04/30/2025 **End date:** 04/30/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1428	Ag,Cd,Cr,Cu,Mo,Ni,Pb,Zn
S1	S1	1	1433	Ag,Cd,Cr,Cu,Mo,Ni,Pb,Zn
S2	S2	1	1437	Ag,Cd,Cr,Cu,Mo,Ni,Pb,Zn
S3	S3	1	1441	Ag,Cd,Cr,Cu,Mo,Ni,Pb,Zn
S4	S4	1	1445	Ag,Cd,Cr,Cu,Mo,Ni,Pb,Zn
S5	S5	1	1450	Ag,Cd,Cr,Cu,Mo,Ni,Pb,Zn
ICV01	ICV01	1	1618	Ag,Cd,Cr,Cu,Mo,Ni,Pb,Zn
LLICV01	LLICV01	1	1628	Ag,Cd,Cr,Cu,Mo,Ni,Pb,Zn
ICB01	ICB01	1	1636	Ag,Cd,Cr,Cu,Mo,Ni,Pb,Zn
CRI01	CRI01	1	1641	Ag,Cd,Cr,Cu,Mo,Ni,Pb,Zn
ICSA01	ICSA01	1	1646	Ag,Cd,Cr,Cu,Mo,Ni,Pb,Zn
ICSAB01	ICSAB01	1	1704	Ag,Cd,Cr,Cu,Mo,Ni,Pb,Zn
ICSA	ICSA	20	1709	Ag,Cd,Cr,Cu,Mo,Ni,Pb,Zn
ICSAB	ICSAB	20	1713	Ag,Cd,Cr,Cu,Mo,Ni,Pb,Zn
CCV01	CCV01	1	1727	Ag,Cd,Cr,Cu,Mo,Ni,Pb,Zn
CCB01	CCB01	1	1738	Ag,Cd,Cr,Cu,Mo,Ni,Pb,Zn
PB167758BL	PB167758BL	1	1743	Ag,Cd,Cr,Cu,Mo,Ni,Pb,Zn
PB167758BS	PB167758BS	1	1747	Ag,Cd,Cr,Cu,Mo,Ni,Pb,Zn
Q1836-01	METALS-DAY-1	1	1756	Ag,Cd,Cr,Cu,Mo,Ni,Pb,Zn
Q1836-02	METALS-DAY-2	1	1800	Ag,Cd,Cr,Cu,Mo,Ni,Pb,Zn
Q1836-03	METALS-DAY-3	1	1804	Ag,Cd,Cr,Cu,Mo,Ni,Pb,Zn
Q1836-04	METALS-DAY-4	1	1808	Ag,Cd,Cr,Cu,Mo,Ni,Pb,Zn
Q1836-04DUP	METALS-DAY-4DUP	1	1813	Ag,Cd,Cr,Cu,Mo,Ni,Pb,Zn
CCV02	CCV02	1	1830	Ag,Cd,Cr,Cu,Mo,Ni,Pb,Zn
CCB02	CCB02	1	1835	Ag,Cd,Cr,Cu,Mo,Ni,Pb,Zn
Q1836-04MS	METALS-DAY-4MS	1	1840	Ag,Cd,Cr,Cu,Mo,Ni,Pb,Zn
Q1836-04MSD	METALS-DAY-4MSD	1	1844	Ag,Cd,Cr,Cu,Mo,Ni,Pb,Zn
Q1836-04A	METALS-DAY-4A	1	1848	Ag
CCV03	CCV03	1	1937	Ag,Cd,Cr,Cu,Mo,Ni,Pb,Zn
CCB03	CCB03	1	1941	Ag,Cd,Cr,Cu,Mo,Ni,Pb,Zn
CCV04	CCV04	1	2023	Ag,Cd,Cr,Cu,Mo,Ni,Pb,Zn
CCB04	CCB04	1	2027	Ag,Cd,Cr,Cu,Mo,Ni,Pb,Zn
CCV05	CCV05	1	2108	Ag,Cd,Cr,Cu,Mo,Ni,Pb,Zn
CCB05	CCB05	1	2113	Ag,Cd,Cr,Cu,Mo,Ni,Pb,Zn
CCV06	CCV06	1	2154	Ag,Cd,Cr,Cu,Mo,Ni,Pb,Zn
CCB06	CCB06	1	2158	Ag,Cd,Cr,Cu,Mo,Ni,Pb,Zn
CCV07	CCV07	1	2240	Ag,Cd,Cr,Cu,Mo,Ni,Pb,Zn
CCB07	CCB07	1	2244	Ag,Cd,Cr,Cu,Mo,Ni,Pb,Zn
CCV08	CCV08	1	2305	Ag,Cd,Cr,Cu,Mo,Ni,Pb,Zn
CCB08	CCB08	1	2309	Ag,Cd,Cr,Cu,Mo,Ni,Pb,Zn

METAL
RAW DATA

Reviewed By:
On:
Inst Id :P4
LB :LB135614



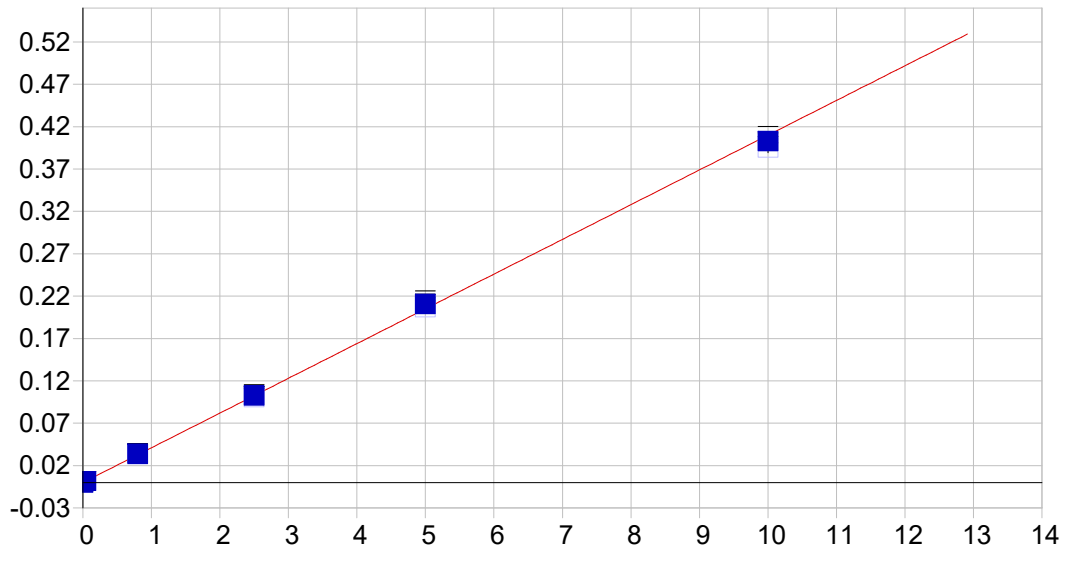
As 189.042 {479}

Date of Fit:	4/30/2025 23:41:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000119	Re-Slope:	1.000000
A1 (Gain):	0.035888	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999974	Status:	OK.
Std Error of Est:	0.000006		
Predicted MDL:	0.003503		
Predicted MQL:	0.011678		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00012	.000	1
S1	.02000	.02010	.000	.514	.00060	.000	1
S3	2.5000	2.4646	-.035	-1.42	.08824	.000	1
S4	5.0000	5.0116	.012	.231	.17954	.001	1
S5	10.000	10.038	.038	.383	.35975	.002	1
S2	.80000	.78541	-.015	-1.82	.02804	.000	1

Reviewed By:
On:
Inst Id :P4
LB :LB135614



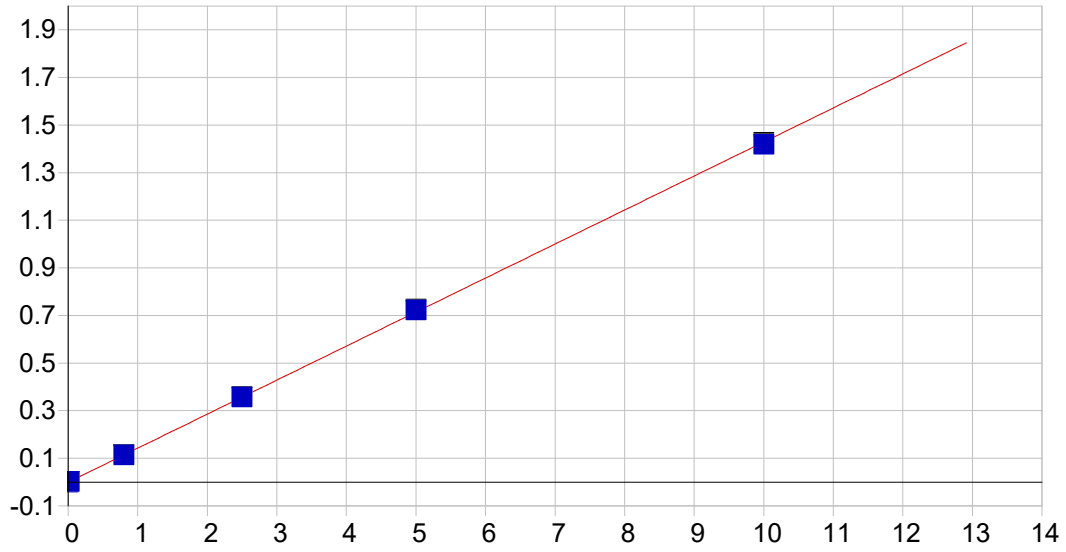
Tl 190.856 {477}

Date of Fit:	4/30/2025 23:41:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000045	Re-Slope:	1.000000
A1 (Gain):	0.040997	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999771	Status:	OK.
Std Error of Est:	0.000029		
Predicted MDL:	0.002483		
Predicted MQL:	0.008275		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00005	.000	1
S1	.04000	.04304	.003	7.60	.00161	.000	1
S3	2.5000	2.5054	.005	.214	.10078	.001	1
S4	5.0000	5.1410	.141	2.82	.20695	.004	1
S5	10.000	9.8253	-.175	-1.75	.39521	.006	1
S2	.80000	.82543	.025	3.18	.03319	.000	1

Reviewed By:
On:
Inst Id :P4
LB :LB135614



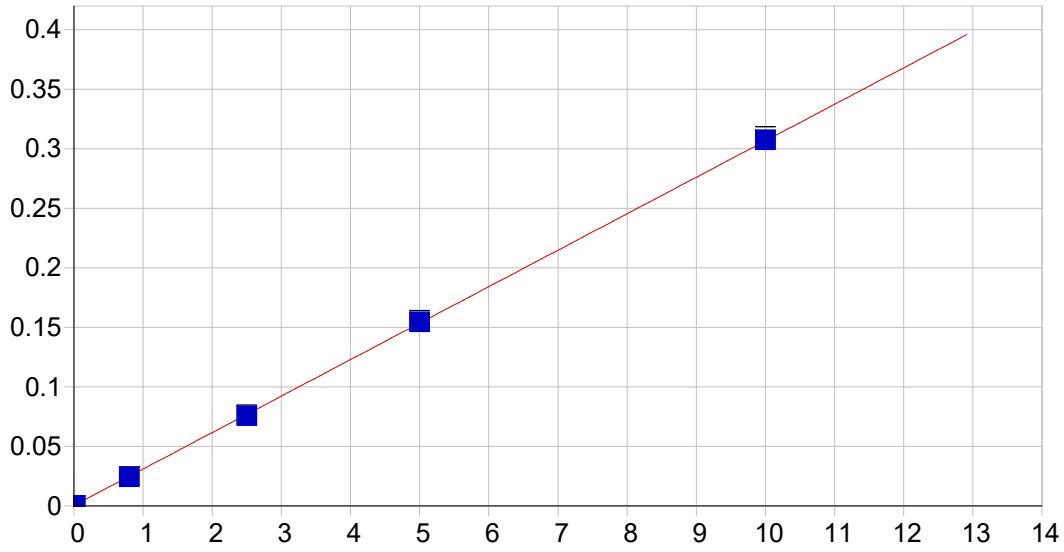
Pb 220.353 {453}

Date of Fit:	4/30/2025 23:41:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000245	Re-Slope:	1.000000
A1 (Gain):	0.142929	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999961	Status:	OK.
Std Error of Est:	0.000023		
Predicted MDL:	0.001759		
Predicted MQL:	0.005863		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00025	.000	1
S1	.01200	.01364	.002	13.7	.00167	.000	1
S3	2.5000	2.5001	.000	.005	.35673	.001	1
S4	5.0000	5.0614	.061	1.23	.72244	.004	1
S5	10.000	9.9347	-.065	-.653	1.4182	.007	1
S2	.80000	.80217	.002	.271	.11429	.000	1

Reviewed By:
On:
Inst Id :P4
LB :LB135614



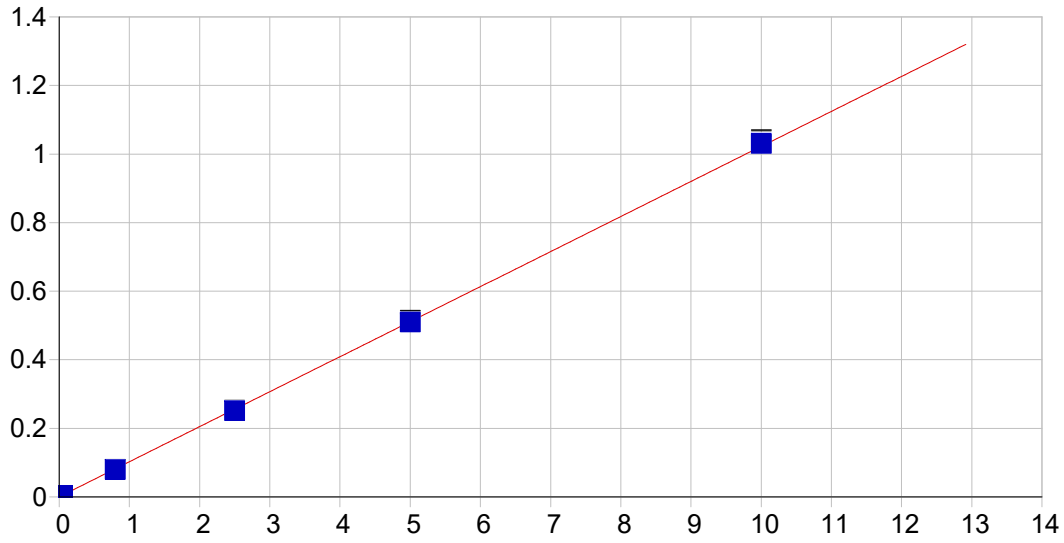
Se 196.090 {472}

Date of Fit:	4/30/2025 23:41:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000355	Re-Slope:	1.000000
A1 (Gain):	0.030642	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999929	Status:	OK.
Std Error of Est:	0.000009		
Predicted MDL:	0.004905		
Predicted MQL:	0.016350		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00036	.000	1
S1	.02000	.01458	-.005	-27.1	.00080	.000	1
S3	2.5000	2.4653	-.035	-1.39	.07585	.000	1
S4	5.0000	5.0322	.032	.645	.15445	.001	1
S5	10.000	10.025	.025	.251	.30734	.003	1
S2	.80000	.78287	-.017	-2.14	.02433	.000	1

Reviewed By:
On:
Inst Id :P4
LB :LB135614



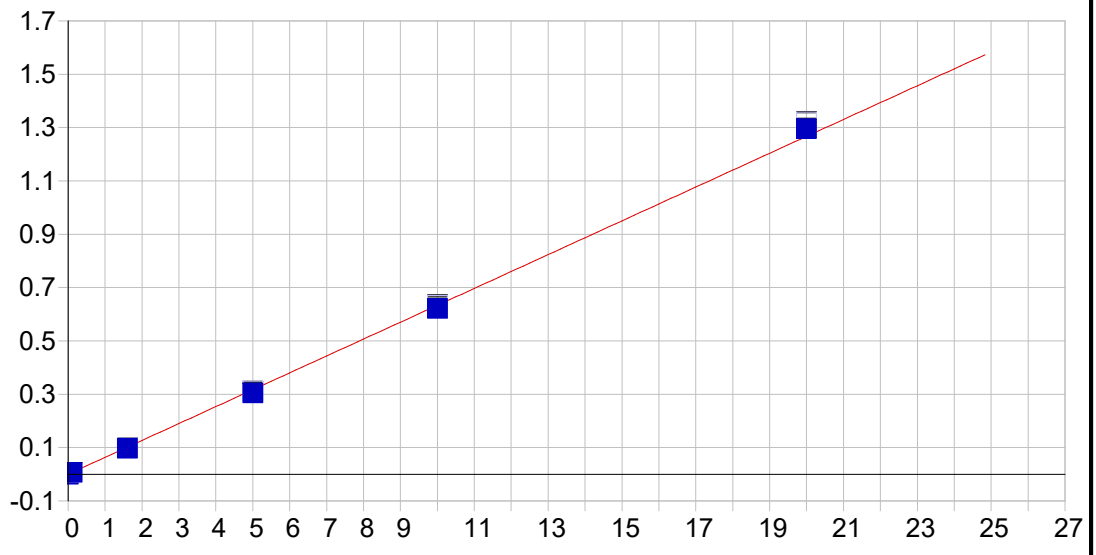
Sb 206.833 {463}

Date of Fit:	4/30/2025 23:41:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000307	Re-Slope:	1.000000
A1 (Gain):	0.102183	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999925	Status:	OK.
Std Error of Est:	0.000047		
Predicted MDL:	0.002248		
Predicted MQL:	0.007492		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00031	.000	1
S1	.05000	.05549	.005	11.0	.00599	.000	1
S3	2.5000	2.4569	-.043	-1.72	.25205	.001	1
S4	5.0000	4.9801	-.020	-.398	.51057	.004	1
S5	10.000	10.081	.081	.811	1.0332	.008	1
S2	.80000	.77644	-.024	-2.95	.07987	.000	1

Reviewed By:
On:
Inst Id :P4
LB :LB135614



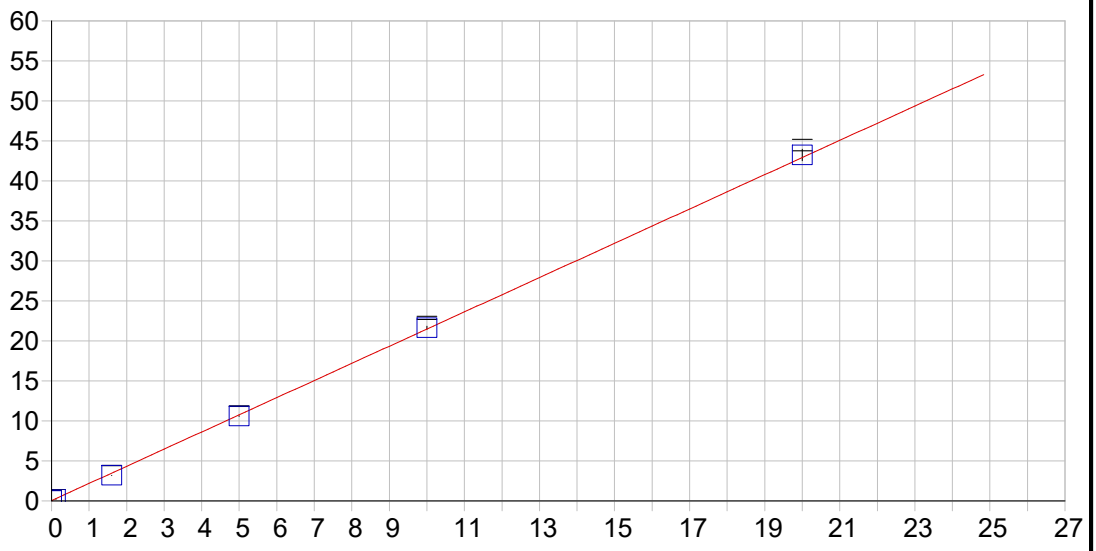
Al 396.152 { 85}

Date of Fit:	4/30/2025 23:41:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000113	Re-Slope:	1.000000
A1 (Gain):	0.063342	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999676	Status:	OK.
Std Error of Est:	0.000122		
Predicted MDL:	0.008501		
Predicted MQL:	0.028338		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00011	.000	1
S1	.10000	.10166	.002	1.66	.00704	.000	1
S3	5.0000	4.8115	-.188	-3.77	.31103	.000	1
S4	10.000	9.8009	-.199	-1.99	.63321	.002	1
S5	20.000	20.457	.457	2.28	1.3205	.002	1
S2	1.6000	1.5289	-.071	-4.45	.09892	.000	1

Reviewed By:
On:
Inst Id :P4
LB :LB135614



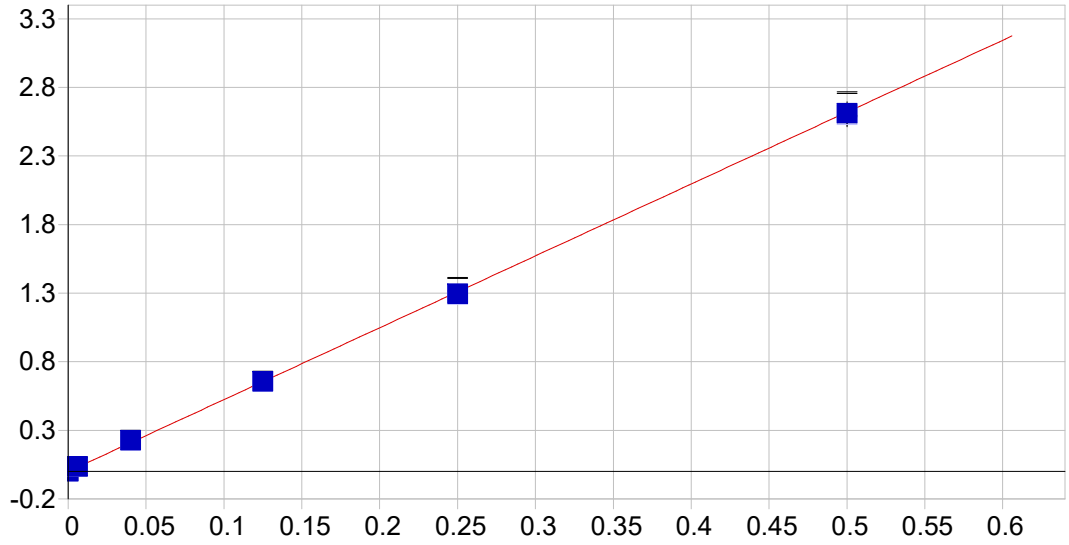
Ba 493.409 { 68}

Date of Fit:	4/30/2025 23:41:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.040523	Re-Slope:	1.000000
A1 (Gain):	2.144243	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999809	Status:	OK.
Std Error of Est:	0.003110		
Predicted MDL:	0.001090		
Predicted MQL:	0.003633		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.04055	.000	1
S1	.10000	.09390	-.006	-6.10	.24188	.003	1
S3	5.0000	4.9298	-.070	-1.40	10.611	.046	1
S4	10.000	10.070	.070	.697	21.632	.196	1
S5	20.000	20.140	.140	.702	43.227	.724	1
S2	1.6000	1.4661	-.134	-8.37	3.1842	.010	1

Reviewed By:
On:
Inst Id :P4
LB :LB135614



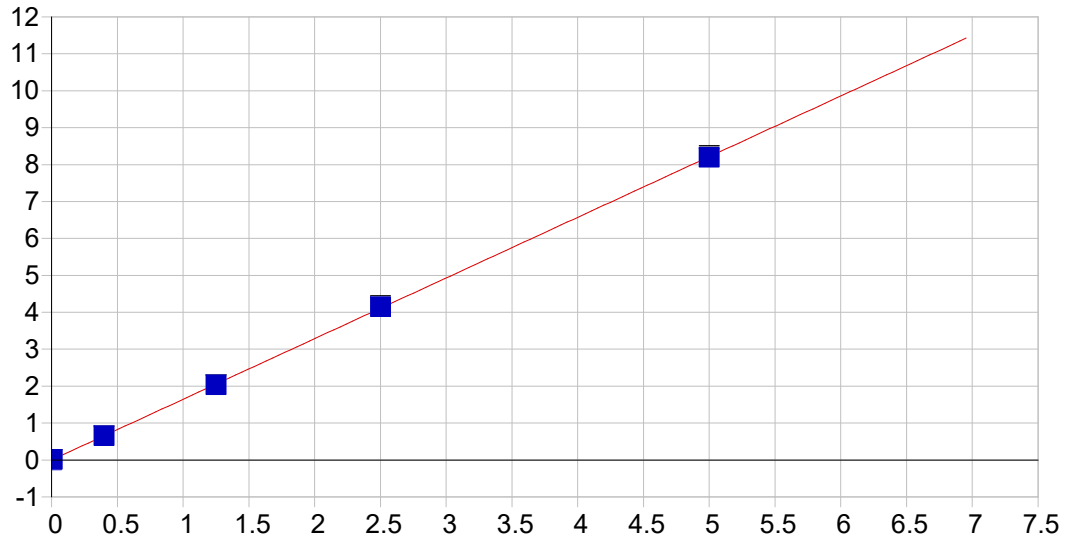
Be 234.861 {144}

Date of Fit:	4/30/2025 23:41:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000074	Re-Slope:	1.000000
A1 (Gain):	5.239752	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999745	Status:	OK.
Std Error of Est:	0.000339		
Predicted MDL:	0.000048		
Predicted MQL:	0.000161		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00008	.000	1
S1	.00600	.00693	.001	15.6	.03603	.000	1
S3	.12500	.12535	.000	.278	.65378	.003	1
S4	.25000	.24704	-.003	-1.18	1.2885	.047	1
S5	.50000	.49834	-.002	-.332	2.5994	.085	1
S2	.04000	.04334	.003	8.35	.22608	.001	1

Reviewed By:
On:
Inst Id :P4
LB :LB135614



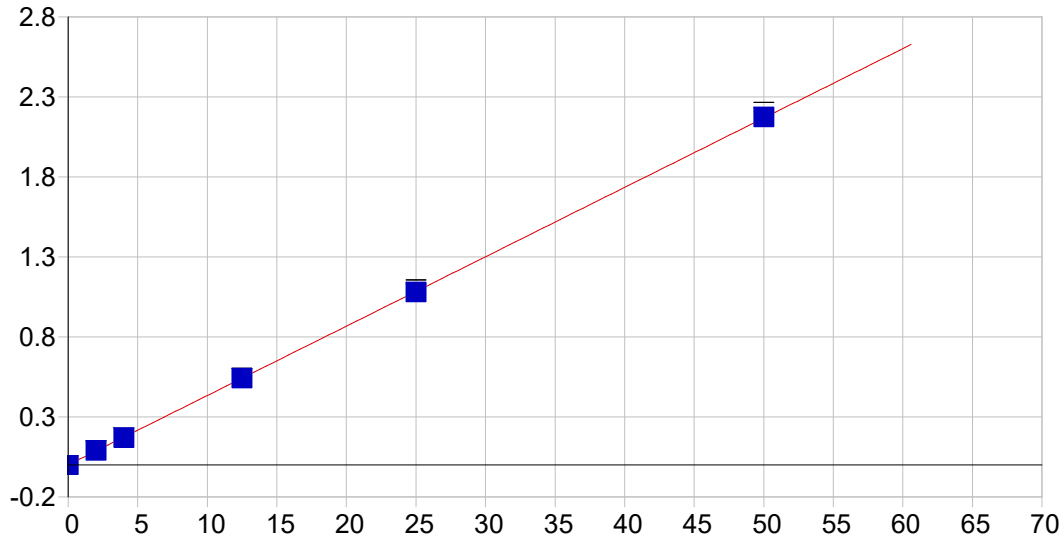
Cd 226.502 {449}

Date of Fit:	4/30/2025 23:41:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000002	Re-Slope:	1.000000
A1 (Gain):	1.643085	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999977	Status:	OK.
Std Error of Est:	0.000102		
Predicted MDL:	0.000104		
Predicted MQL:	0.000348		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00000	.000	1
S1	.00600	.00644	.000	7.35	.01064	.000	1
S3	1.2500	1.2390	-.011	-.883	2.0375	.005	1
S4	2.5000	2.5248	.025	.990	4.1520	.022	1
S5	5.0000	4.9893	-.011	-.214	8.2051	.037	1
S2	.40000	.39652	-.003	-.871	.65209	.002	1

Reviewed By:
On:
Inst Id :P4
LB :LB135614



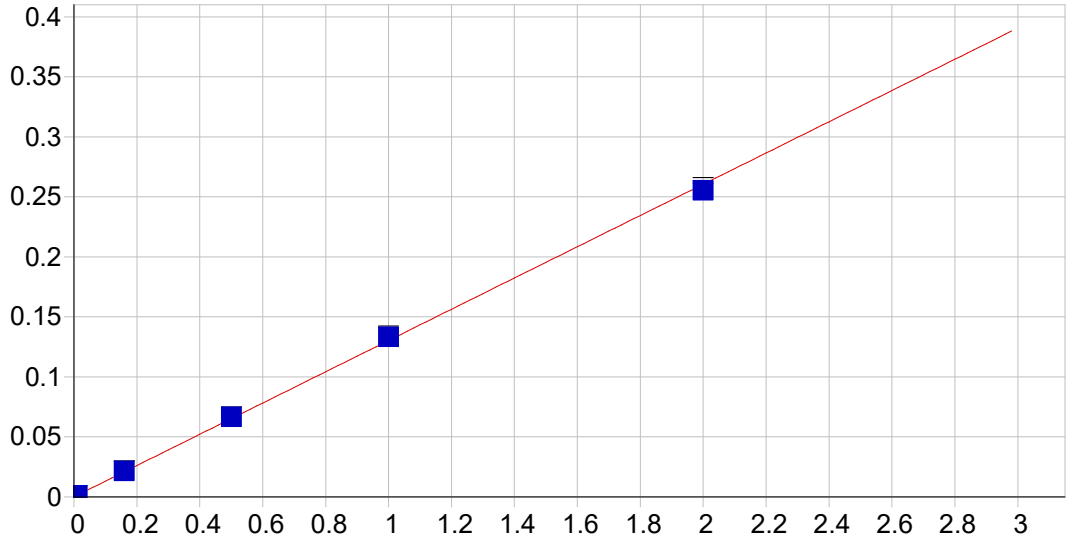
Ca 373.690 { 90}

Date of Fit:	4/30/2025 23:41:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000050	Re-Slope:	1.000000
A1 (Gain):	0.043361	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999981	Status:	OK.
Std Error of Est:	0.000141		
Predicted MDL:	0.011622		
Predicted MQL:	0.038740		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00005	.000	1
S2	4.0000	3.9214	-.079	-1.97	.17008	.001	1
S3	12.500	12.480	-.020	-.163	.54118	.001	1
S4	25.000	24.928	-.072	-.288	1.0809	.013	1
S5	50.000	50.116	.116	.233	2.1731	.030	1
S1	2.0000	2.0546	.055	2.73	.08914	.001	1

Reviewed By:
On:
Inst Id :P4
LB :LB135614



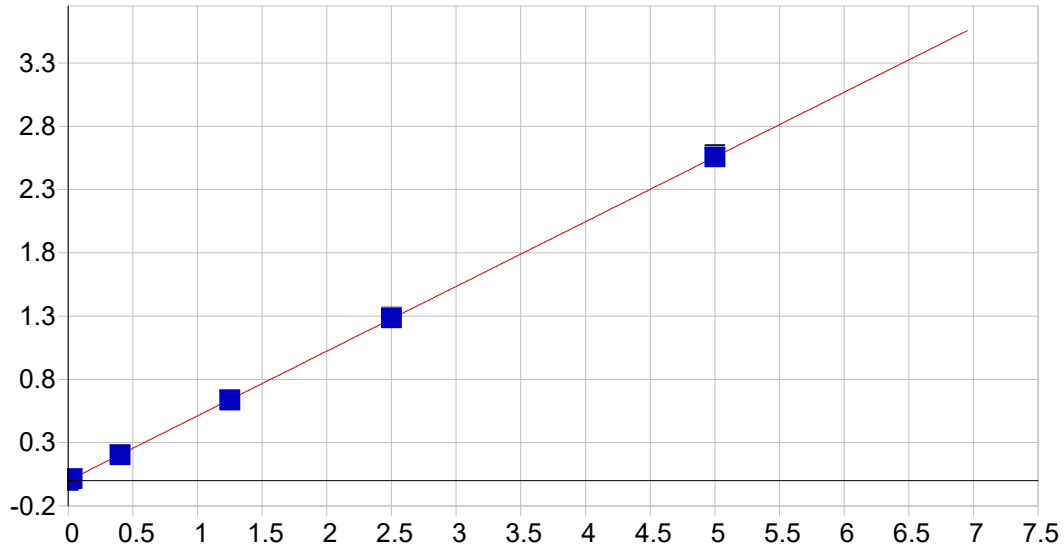
Cr 267.716 {126}

Date of Fit:	4/30/2025 23:41:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000112	Re-Slope:	1.000000
A1 (Gain):	0.130171	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999765	Status:	OK.
Std Error of Est:	0.000021		
Predicted MDL:	0.000458		
Predicted MQL:	0.001528		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00011	.000	1
S1	.01000	.00969	-.000	-3.15	.00137	.000	1
S3	.50000	.51026	.010	2.05	.06655	.000	1
S4	1.0000	1.0231	.023	2.31	.13333	.001	1
S5	2.0000	1.9611	-.039	-1.94	.25547	.002	1
S2	.16000	.16585	.006	3.66	.02171	.000	1

Reviewed By:
On:
Inst Id :P4
LB :LB135614



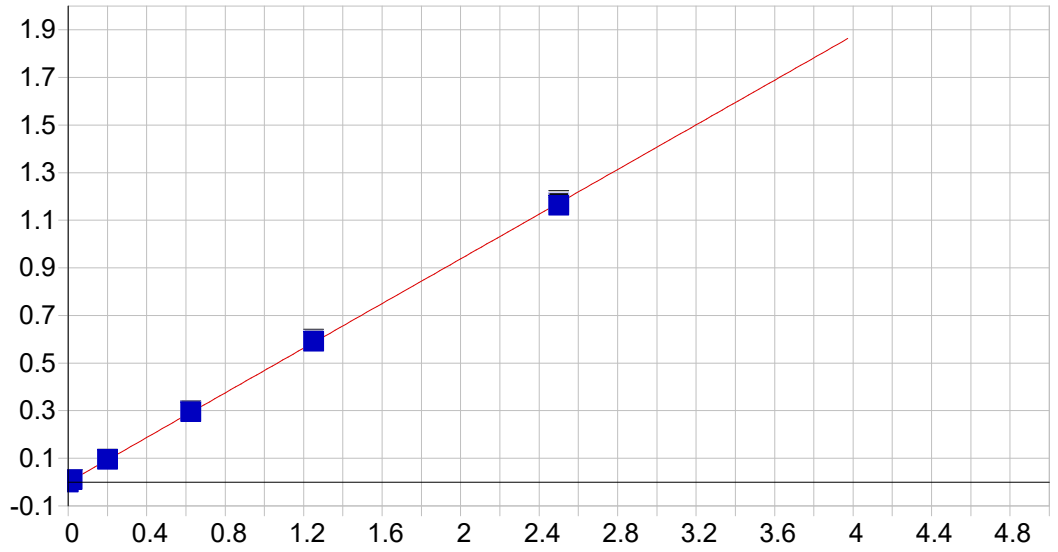
Co 228.616 {448}

Date of Fit:	4/30/2025 23:41:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000065	Re-Slope:	1.000000
A1 (Gain):	0.511444	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999991	Status:	OK.
Std Error of Est:	0.000045		
Predicted MDL:	0.000335		
Predicted MQL:	0.001116		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00006	.000	1
S1	.03000	.03036	.000	1.18	.01553	.000	1
S3	1.2500	1.2426	-.007	-.589	.63669	.002	1
S4	2.5000	2.5121	.012	.484	1.2870	.005	1
S5	5.0000	5.0002	.000	.003	2.5617	.013	1
S2	.40000	.39476	-.005	-1.31	.20231	.001	1

Reviewed By:
On:
Inst Id :P4
LB :LB135614



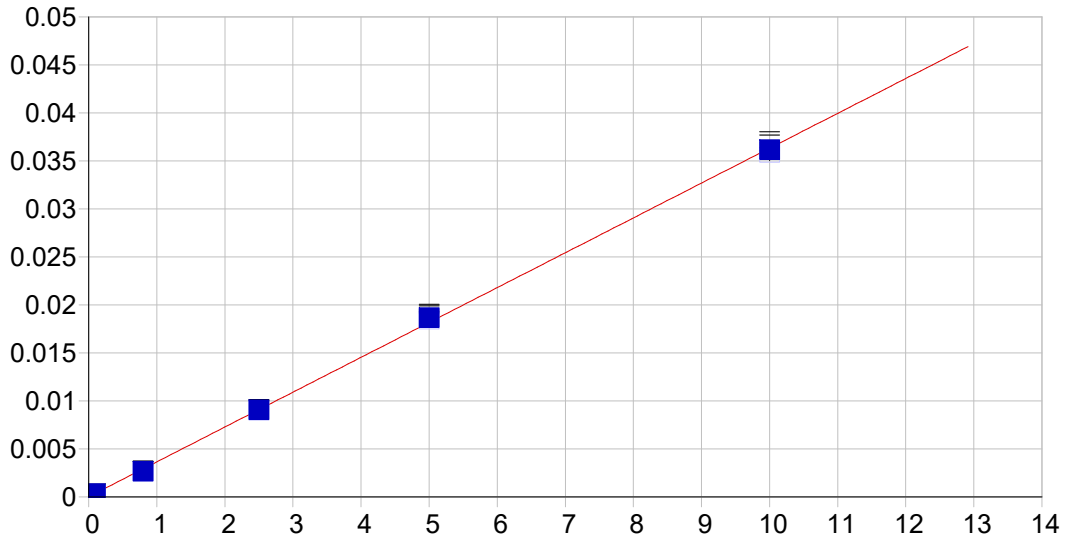
Cu 224.700 {450}

Date of Fit:	4/30/2025 23:41:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000324	Re-Slope:	1.000000
A1 (Gain):	0.469122	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999931	Status:	OK.
Std Error of Est:	0.000065		
Predicted MDL:	0.000529		
Predicted MQL:	0.001764		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00033	.000	1
S1	.02000	.02232	.002	11.6	.01027	.000	1
S3	.62500	.63114	.006	.982	.29868	.002	1
S4	1.2500	1.2601	.010	.806	.59665	.003	1
S5	2.5000	2.4784	-.022	-.864	1.1740	.008	1
S2	.20000	.20307	.003	1.54	.09588	.001	1

Reviewed By:
On:
Inst Id :P4
LB :LB135614



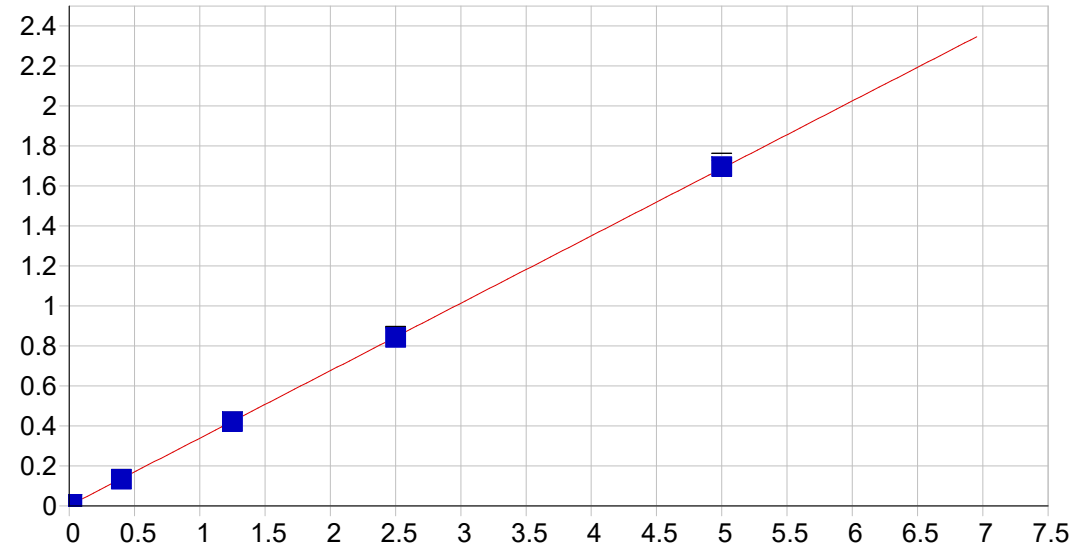
Fe 240.488 {140}

Date of Fit:	4/30/2025 23:41:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000018	Re-Slope:	1.000000
A1 (Gain):	0.003630	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999659	Status:	OK.
Std Error of Est:	0.000005		
Predicted MDL:	0.005563		
Predicted MQL:	0.018543		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00002	.000	1
S1	.10000	.08413	-.016	-15.9	.00032	.000	1
S3	2.5000	2.4931	-.007	-.275	.00899	.000	1
S4	5.0000	5.1341	.134	2.68	.01850	.000	1
S5	10.000	9.9580	-.042	-.420	.03586	.001	1
S2	.80000	.73062	-.069	-8.67	.00265	.000	1

Reviewed By:
On:
Inst Id :P4
LB :LB135614



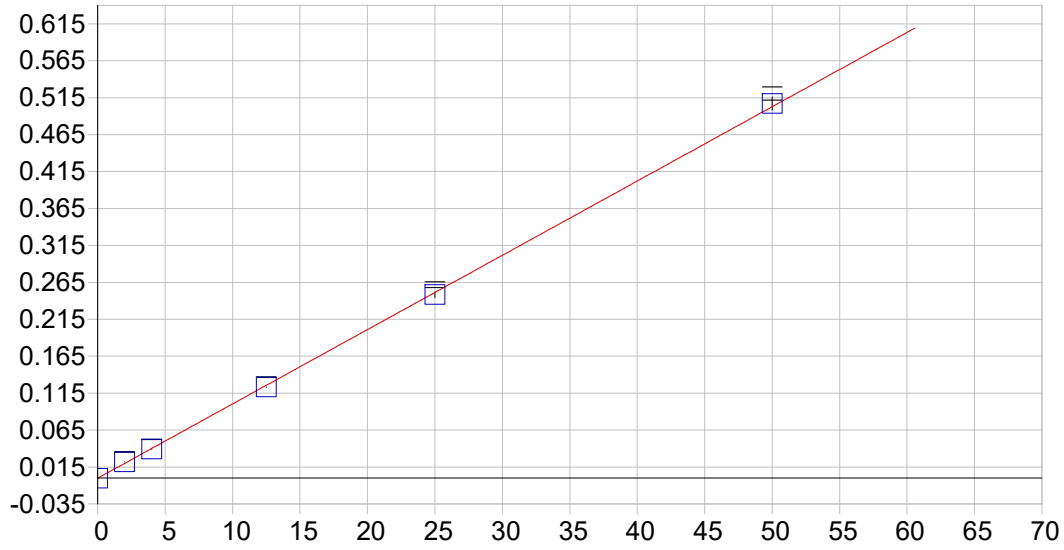
Mn 257.610 {131}

Date of Fit:	4/30/2025 23:41:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001467	Re-Slope:	1.000000
A1 (Gain):	0.337308	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999966	Status:	OK.
Std Error of Est:	0.000046		
Predicted MDL:	0.000532		
Predicted MQL:	0.001772		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00147	.000	1
S1	.02000	.02126	.001	6.30	.00864	.000	1
S3	1.2500	1.2450	-.005	-.404	.42148	.001	1
S4	2.5000	2.4925	-.008	-.301	.84237	.006	1
S5	5.0000	5.0237	.024	.475	1.6963	.018	1
S2	.40000	.38758	-.012	-3.11	.13223	.000	1

Reviewed By:
On:
Inst Id :P4
LB :LB135614



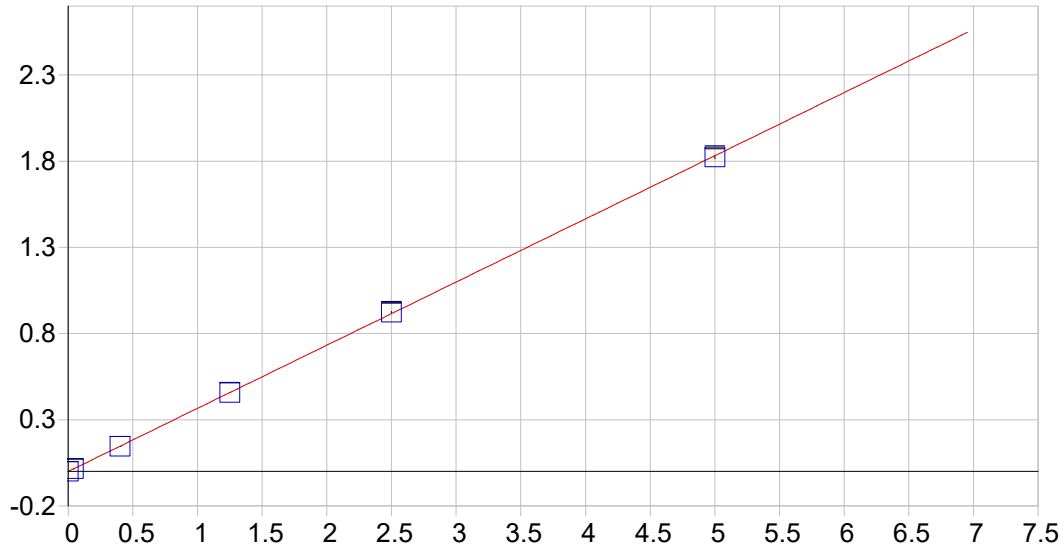
Mg 279.079 {121}

Date of Fit:	4/30/2025 23:41:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000223	Re-Slope:	1.000000
A1 (Gain):	0.010060	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999812	Status:	OK.
Std Error of Est:	0.000103		
Predicted MDL:	0.020114		
Predicted MQL:	0.067047		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00011	-.000	.000	-.00022	.000	1
S2	4.0000	3.8966	-.103	-2.59	.03897	.000	1
S3	12.500	12.256	-.244	-1.95	.12307	.001	1
S4	25.000	24.710	-.290	-1.16	.24835	.004	1
S5	50.000	50.435	.435	.870	.50713	.009	1
S1	2.0000	2.2024	.202	10.1	.02193	.000	1

Reviewed By:
On:
Inst Id :P4
LB :LB135614



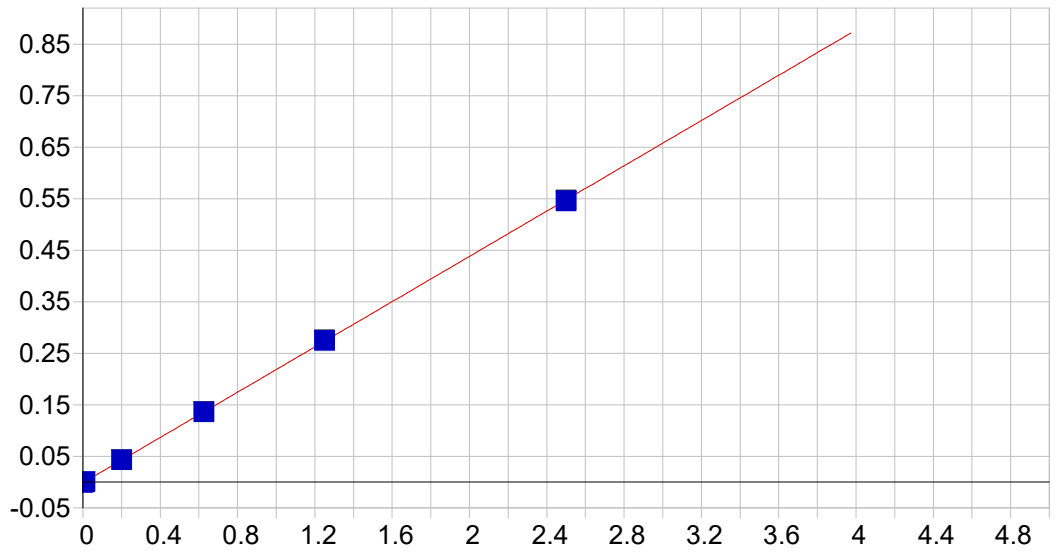
Ni 231.604 {446}

Date of Fit:	4/30/2025 23:41:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000344	Re-Slope:	1.000000
A1 (Gain):	0.366395	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999983	Status:	OK.
Std Error of Est:	0.000050		
Predicted MDL:	0.000426		
Predicted MQL:	0.001419		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00034	.000	1
S1	.04000	.04082	.001	2.05	.01461	.000	1
S3	1.2500	1.2513	.001	.107	.45814	.001	1
S4	2.5000	2.5216	.022	.864	.92356	.005	1
S5	5.0000	4.9778	-.022	-.444	1.8235	.008	1
S2	.40000	.39844	-.002	-.390	.14564	.001	1

Reviewed By:
On:
Inst Id :P4
LB :LB135614



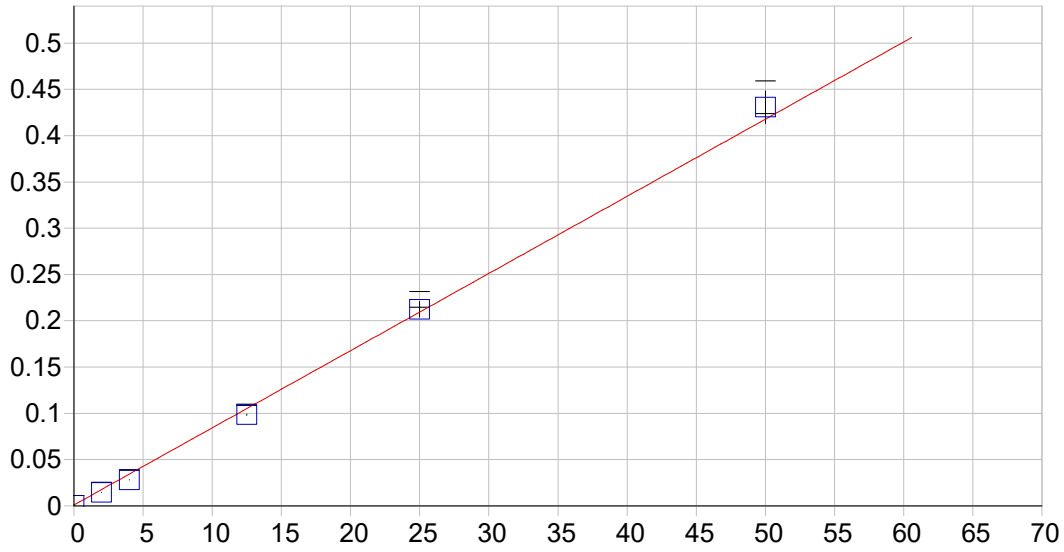
Ag 328.068 {103}

Date of Fit:	4/30/2025 23:41:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001196	Re-Slope:	1.000000
A1 (Gain):	0.219671	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999986	Status:	OK.
Std Error of Est:	0.000010		
Predicted MDL:	0.000387		
Predicted MQL:	0.001290		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00120	.000	1
S1	.01000	.01055	.001	5.51	.00111	.000	1
S3	.62500	.62554	.001	.087	.13567	.000	1
S4	1.2500	1.2550	.005	.403	.27341	.002	1
S5	2.5000	2.4910	-.009	-.361	.54382	.001	1
S2	.20000	.20289	.003	1.44	.04320	.000	1

Reviewed By:
On:
Inst Id :P4
LB :LB135614



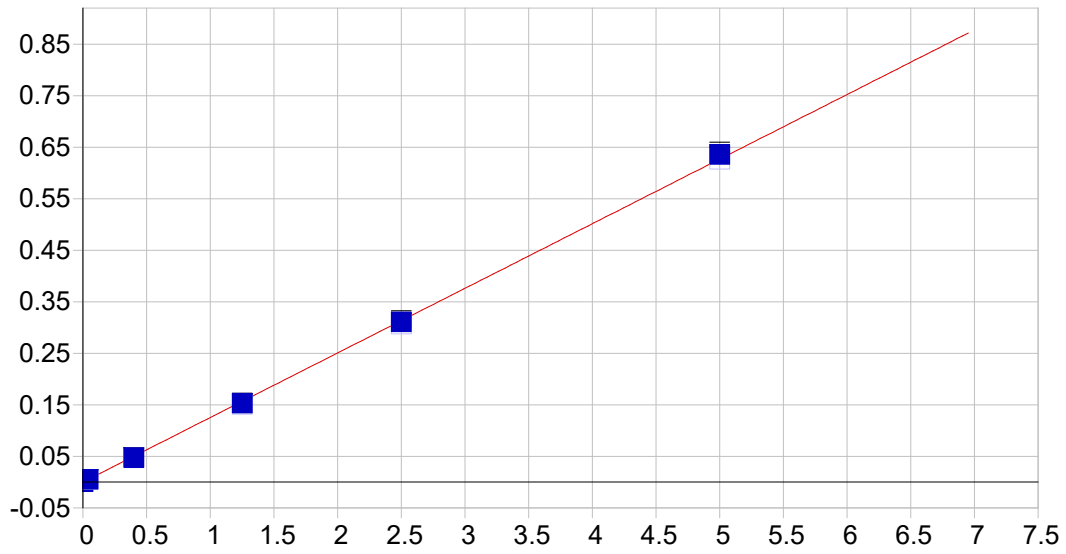
Na 589.592 { 57}

Date of Fit:	4/30/2025 23:41:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000997	Re-Slope:	1.000000
A1 (Gain):	0.008336	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998372	Status:	OK.
Std Error of Est:	0.000252		
Predicted MDL:	0.020950		
Predicted MQL:	0.069834		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00077	.001	.000	.00100	.000	1
S2	4.0000	3.2598	-.740	-18.5	.02817	.000	1
S3	12.500	11.701	-.799	-6.39	.09854	.001	1
S4	25.000	25.347	.347	1.39	.21230	.008	1
S5	50.000	51.550	1.55	3.10	.43074	.018	1
S1	2.0000	1.6426	-.357	-17.9	.01469	.000	1

Reviewed By:
On:
Inst Id :P4
LB :LB135614



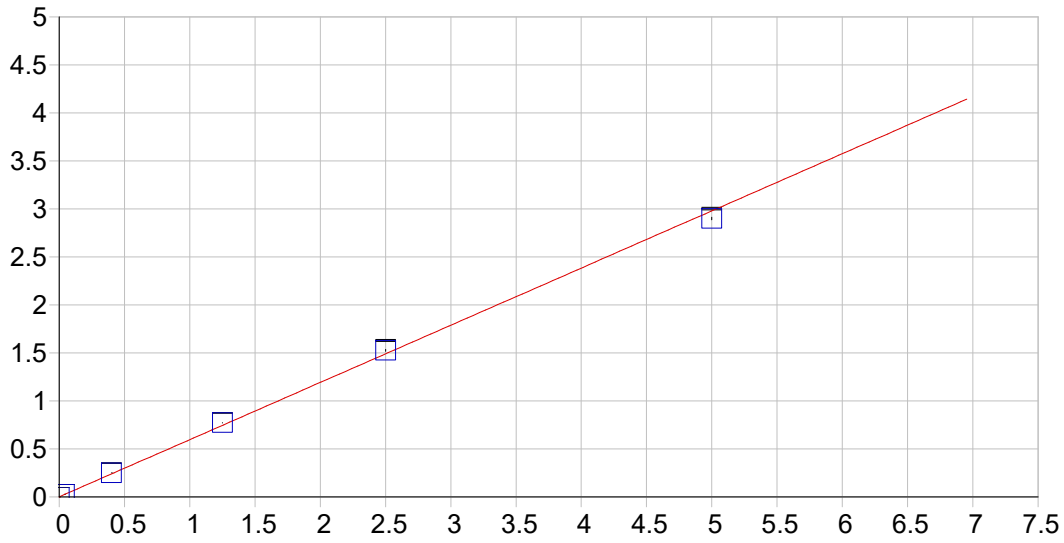
V 292.402 {115}

Date of Fit:	4/30/2025 23:41:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000027	Re-Slope:	1.000000
A1 (Gain):	0.125372	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999841	Status:	OK.
Std Error of Est:	0.000052		
Predicted MDL:	0.001825		
Predicted MQL:	0.006084		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.04000	.04079	.001	1.96	.00495	.000	1
S3	1.2500	1.2211	-.029	-2.31	.15084	.000	1
S4	2.5000	2.4807	-.019	-.772	.30647	.002	1
S5	5.0000	5.0682	.068	1.36	.62630	.005	1
S2	.40000	.37920	-.021	-5.20	.04684	.000	1

Reviewed By:
On:
Inst Id :P4
LB :LB135614



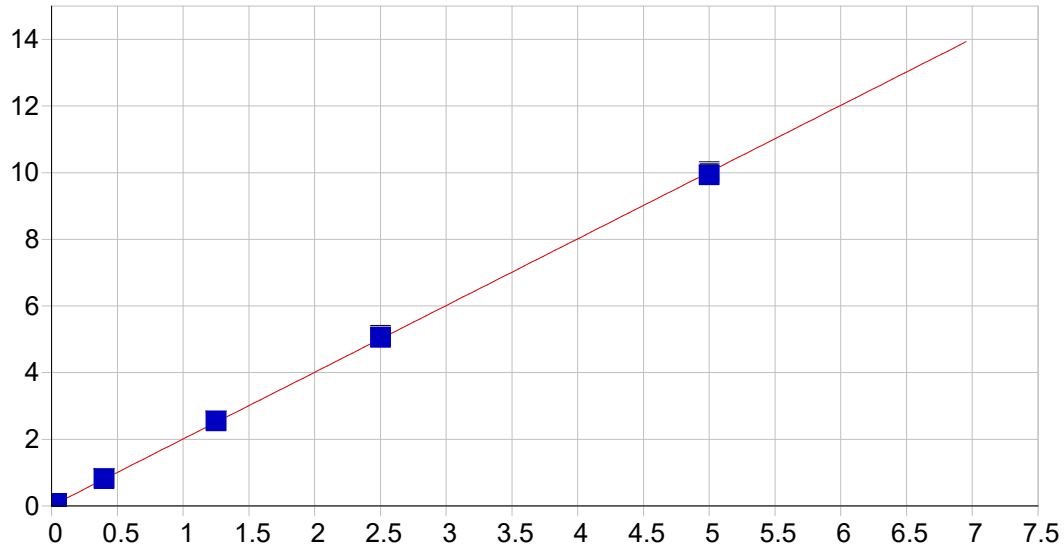
Zn 206.200 {464}

Date of Fit:	4/30/2025 23:41:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000711	Re-Slope:	1.000000
A1 (Gain):	0.595737	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999564	Status:	OK.
Std Error of Est:	0.000413		
Predicted MDL:	0.000272		
Predicted MQL:	0.000905		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00071	.000	1
S1	.04000	.04415	.004	10.4	.02701	.000	1
S3	1.2500	1.2962	.046	3.70	.77290	.001	1
S4	2.5000	2.5613	.061	2.45	1.5265	.009	1
S5	5.0000	4.8690	-.131	-2.62	2.9013	.013	1
S2	.40000	.41944	.019	4.86	.25058	.000	1

Reviewed By:
On:
Inst Id :P4
LB :LB135614



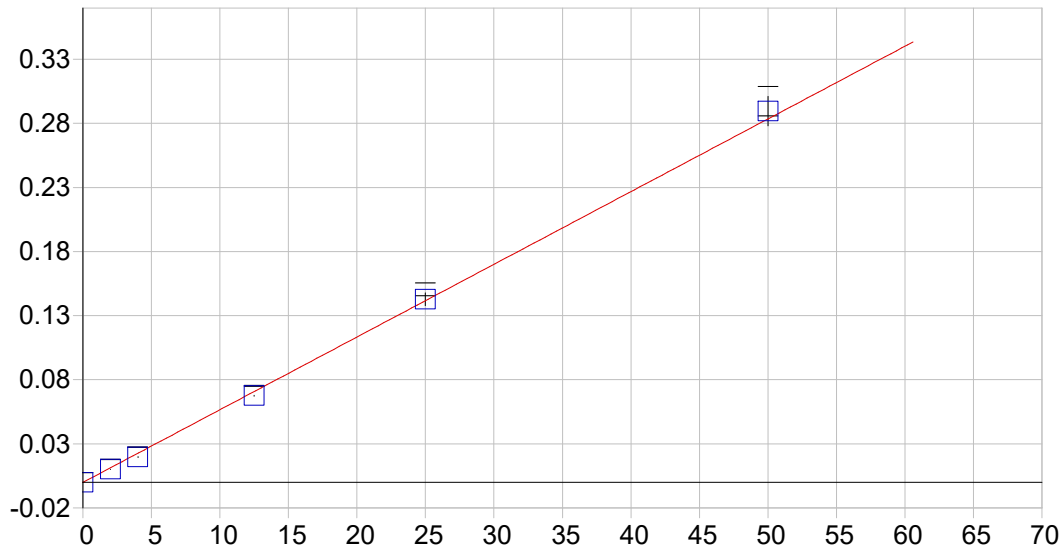
Zn 213.856 {158}

Date of Fit:	4/30/2025 23:41:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003708	Re-Slope:	1.000000
A1 (Gain):	2.002937	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999945	Status:	OK.
Std Error of Est:	0.000496		
Predicted MDL:	0.000391		
Predicted MQL:	0.001303		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00370	.001	1
S1	.04000	.04275	.003	6.88	.08990	.001	1
S3	1.2500	1.2685	.019	1.48	2.5619	.003	1
S4	2.5000	2.5188	.019	.754	5.0836	.038	1
S5	5.0000	4.9562	-.044	-.875	10.000	.026	1
S2	.40000	.40363	.004	.906	.81772	.004	1

Reviewed By:
On:
Inst Id :P4
LB :LB135614



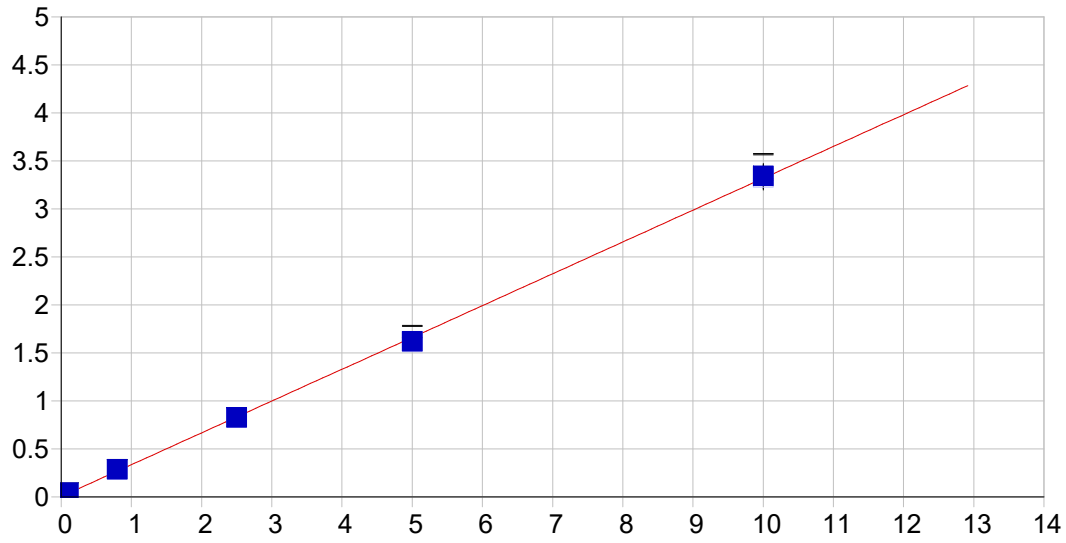
K 766.490 { 44}

Date of Fit:	4/30/2025 23:41:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000114	Re-Slope:	1.000000
A1 (Gain):	0.005672	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999293	Status:	OK.
Std Error of Est:	0.000113		
Predicted MDL:	0.033536		
Predicted MQL:	0.111787		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00047	.000	.000	-.00011	.000	1
S2	4.0000	3.4912	-.509	-12.7	.01969	.000	1
S3	12.500	11.925	-.575	-4.60	.06752	.000	1
S4	25.000	25.194	.194	.775	.14279	.005	1
S5	50.000	51.072	1.07	2.14	.28957	.012	1
S1	2.0000	1.8187	-.181	-9.06	.01020	.000	1

Reviewed By:
On:
Inst Id :P4
LB :LB135614



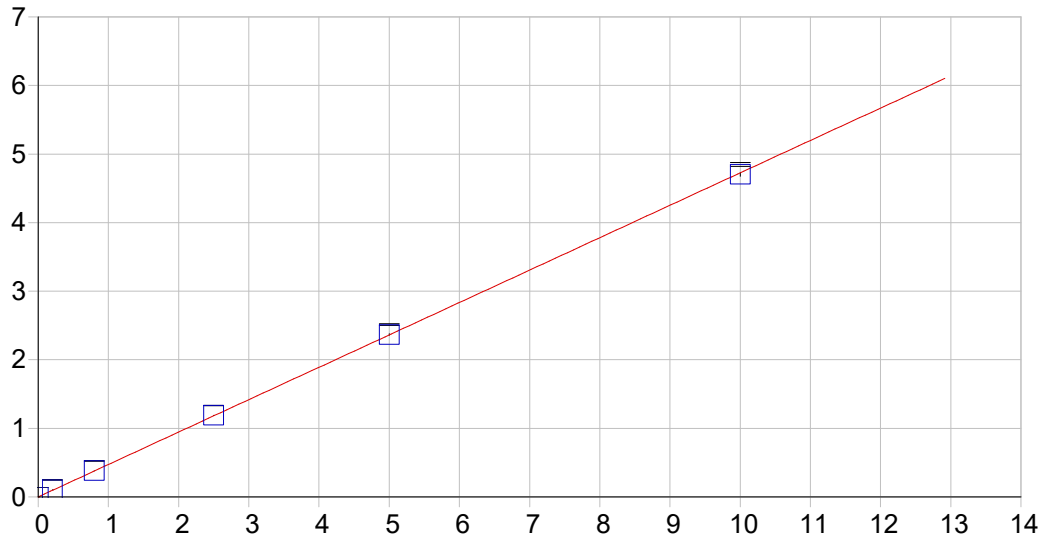
B 249.678 {135}

Date of Fit:	4/30/2025 23:41:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003958	Re-Slope:	1.000000
A1 (Gain):	0.331446	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999730	Status:	OK.
Std Error of Est:	0.000403		
Predicted MDL:	0.000841		
Predicted MQL:	0.002804		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00395	.000	1
S1	.10000	.11823	.018	18.2	.04291	.000	1
S3	2.5000	2.4801	-.020	-.796	.82213	.000	1
S4	5.0000	4.8795	-.120	-2.41	1.6136	.061	1
S5	10.000	10.074	.074	.740	3.3276	.132	1
S2	.80000	.84826	.048	6.03	.28388	.001	1

Reviewed By:
On:
Inst Id :P4
LB :LB135614



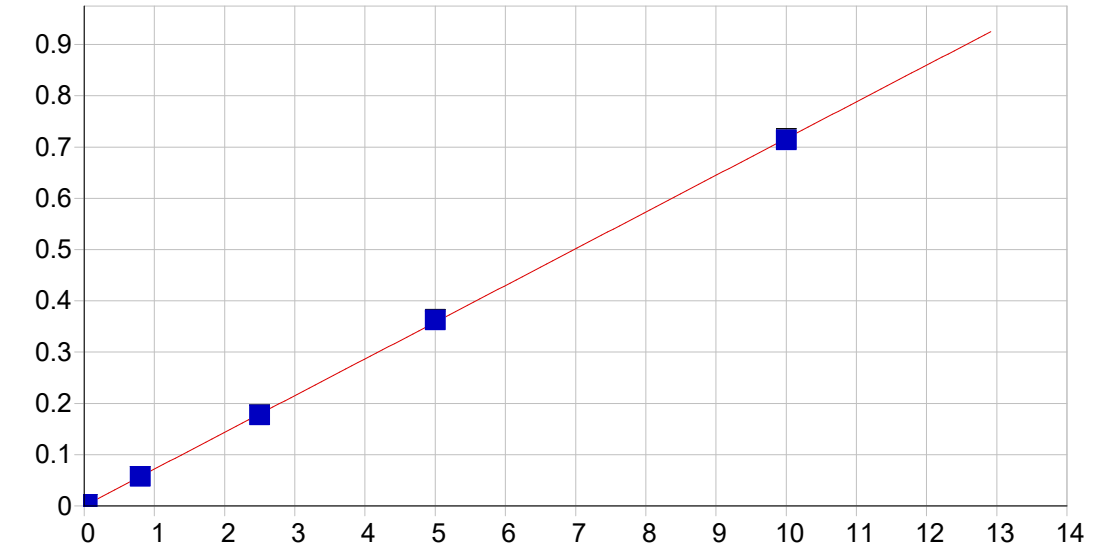
Mo 202.030 {467}

Date of Fit:	4/30/2025 23:41:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000230	Re-Slope:	1.000000
A1 (Gain):	0.472493	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999958	Status:	OK.
Std Error of Est:	0.000321		
Predicted MDL:	0.000357		
Predicted MQL:	0.001191		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00022	.000	1
S1	.20000	.21526	.015	7.63	.10194	.000	1
S3	2.5000	2.5156	.016	.623	1.1888	.003	1
S4	5.0000	5.0103	.010	.207	2.3676	.011	1
S5	10.000	9.9535	-.047	-.465	4.7032	.027	1
S2	.80000	.80538	.005	.673	.38077	.001	1

Reviewed By:
On:
Inst Id :P4
LB :LB135614



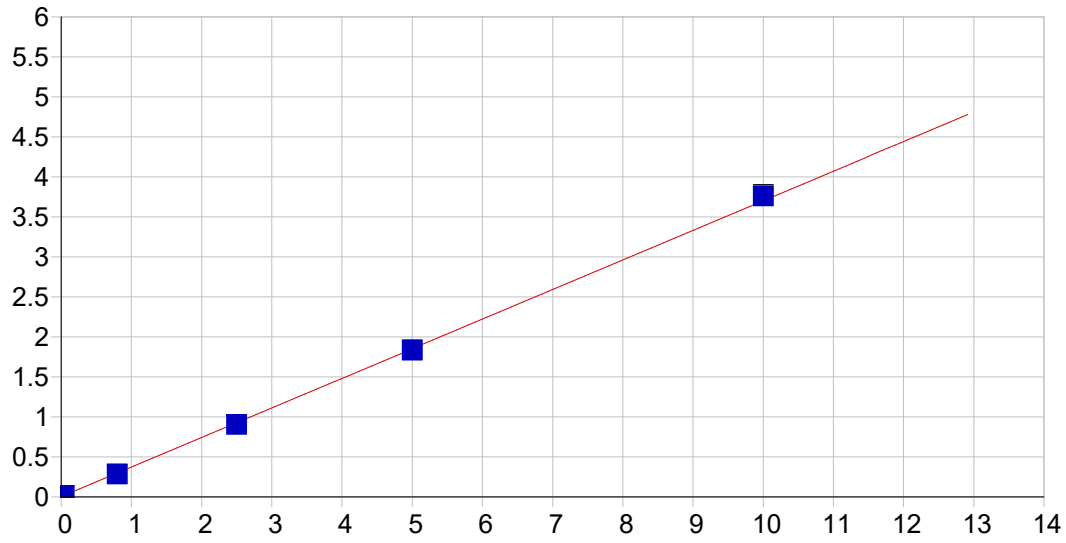
Sn 189.989 {478}

Date of Fit:	4/30/2025 23:41:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000177	Re-Slope:	1.000000
A1 (Gain):	0.071627	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999970	Status:	OK.
Std Error of Est:	0.000018		
Predicted MDL:	0.001094		
Predicted MQL:	0.003648		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00018	.000	1
S1	.04000	.03981	-.000	-.475	.00303	.000	1
S3	2.5000	2.4752	-.025	-.992	.17728	.001	1
S4	5.0000	5.0593	.059	1.19	.36219	.002	1
S5	10.000	9.9637	-.036	-.363	.71311	.003	1
S2	.80000	.80197	.002	.246	.05756	.000	1

Reviewed By:
On:
Inst Id :P4
LB :LB135614



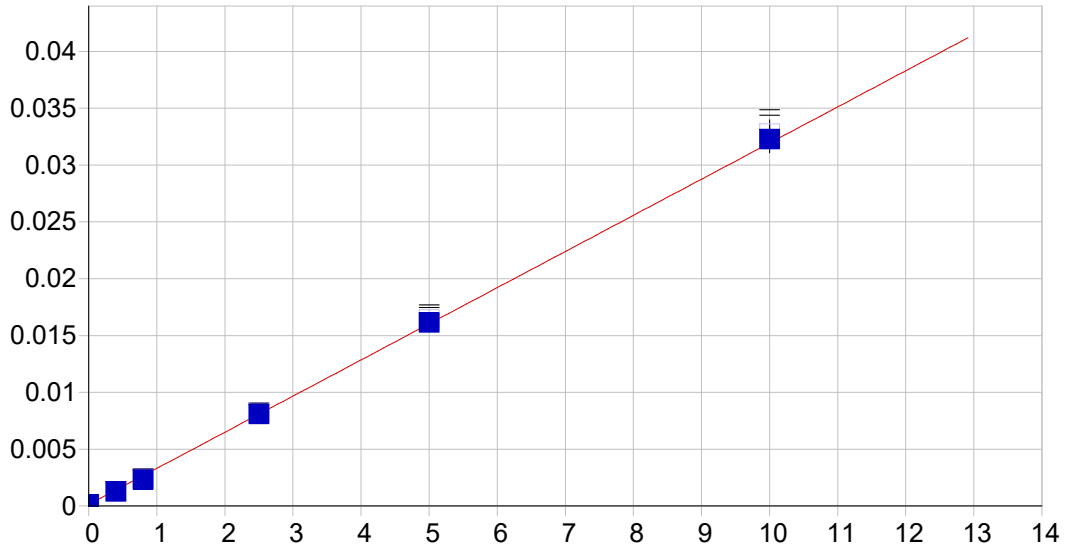
Ti 336.121 {100}

Date of Fit:	4/30/2025 23:41:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002922	Re-Slope:	1.000000
A1 (Gain):	0.369849	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999805	Status:	OK.
Std Error of Est:	0.000242		
Predicted MDL:	0.000887		
Predicted MQL:	0.002957		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00292	.000	1
S1	.04000	.03994	-.000	-.149	.01768	.000	1
S3	2.5000	2.4343	-.066	-2.63	.90292	.002	1
S4	5.0000	4.9487	-.051	-1.03	1.8325	.003	1
S5	10.000	10.160	.160	1.60	3.7593	.015	1
S2	.80000	.75682	-.043	-5.40	.28272	.002	1

Reviewed By:
On:
Inst Id :P4
LB :LB135614



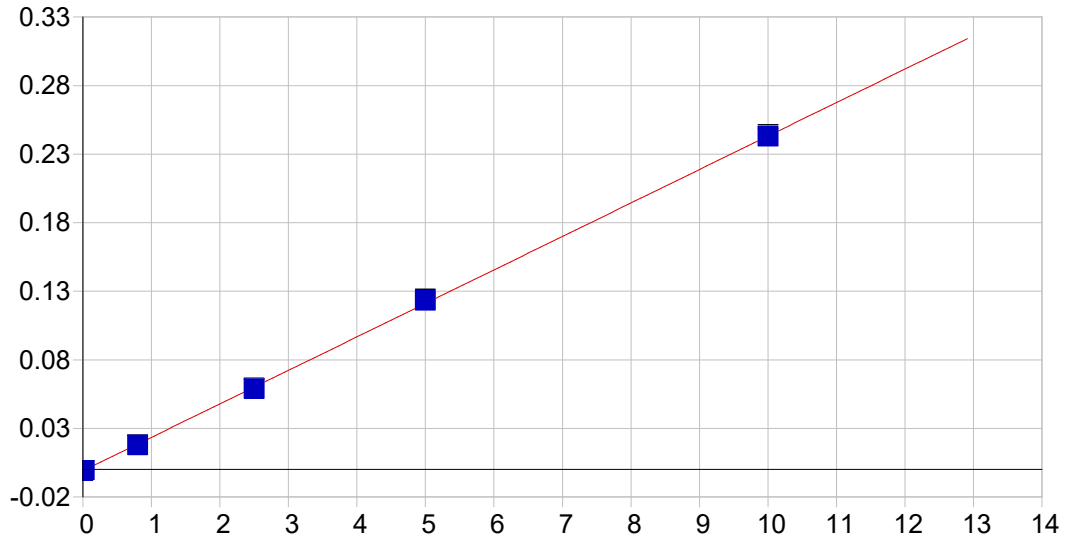
Si 288.158 {117}

Date of Fit:	4/30/2025 23:41:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000119	Re-Slope:	1.000000
A1 (Gain):	0.003182	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999466	Status:	OK.
Std Error of Est:	0.000011		
Predicted MDL:	0.010868		
Predicted MQL:	0.036226		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	.00012	.000	1
S1	.40000	.35802	-.042	-10.5	.00126	.000	1
S3	2.5000	2.5018	.002	.070	.00820	.000	1
S4	5.0000	5.0367	.037	.733	.01639	.000	1
S5	10.000	10.111	.111	1.11	.03277	.001	1
S2	.80000	.69179	-.108	-13.5	.00236	.000	1

Reviewed By:
On:
Inst Id :P4
LB :LB135614



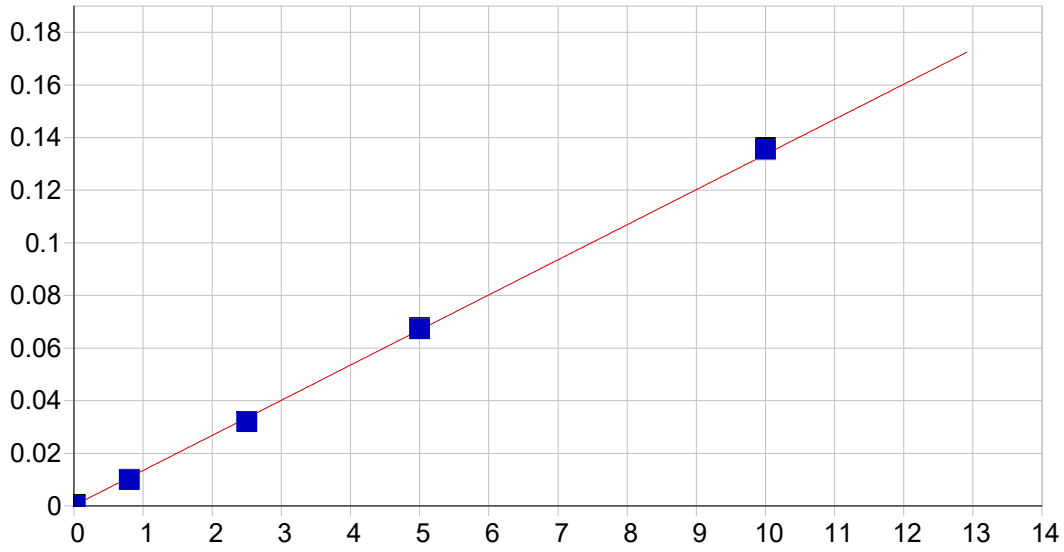
P 177.495 {490}

Date of Fit:	4/30/2025 23:41:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000971	Re-Slope:	1.000000
A1 (Gain):	0.024414	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999864	Status:	OK.
Std Error of Est:	0.000009		
Predicted MDL:	0.003564		
Predicted MQL:	0.011880		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00097	.000	1
S1	.02000	.02516	.005	25.8	-.00036	.000	1
S3	2.5000	2.4497	-.050	-2.01	.05883	.001	1
S4	5.0000	5.0862	.086	1.72	.12319	.001	1
S5	10.000	9.9892	-.011	-.108	.24287	.001	1
S2	.80000	.76967	-.030	-3.79	.01782	.000	1

Reviewed By:
On:
Inst Id :P4
LB :LB135614



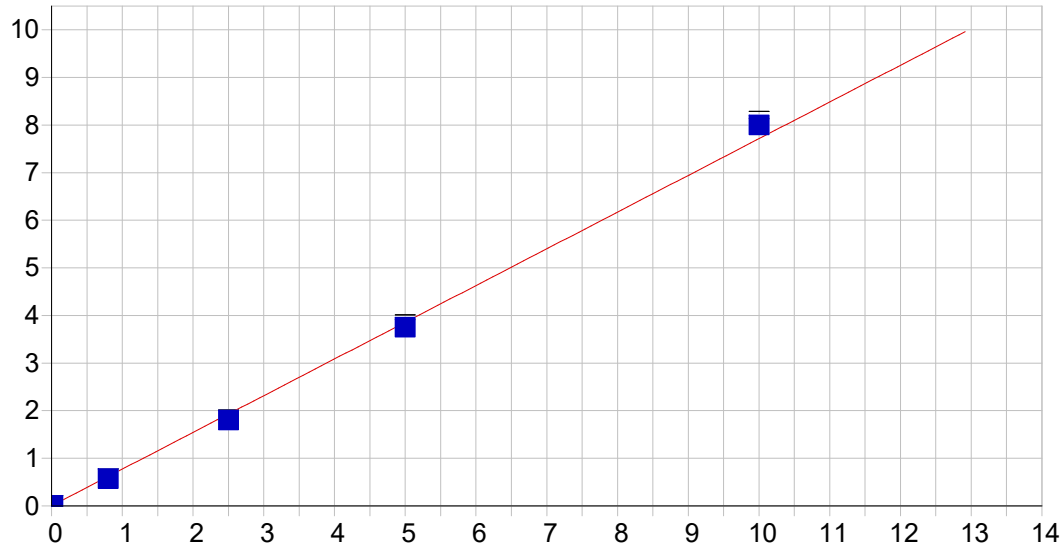
S 182.034 {485}

Date of Fit:	4/30/2025 23:41:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000151	Re-Slope:	1.000000
A1 (Gain):	0.013342	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999653	Status:	OK.
Std Error of Est:	0.000008		
Predicted MDL:	0.005182		
Predicted MQL:	0.017273		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00015	.000	1
S1	.02000	.01590	-.004	-20.5	.00035	.000	1
S3	2.5000	2.3875	-.112	-4.50	.03192	.000	1
S4	5.0000	5.0321	.032	.643	.06712	.001	1
S5	10.000	10.144	.144	1.44	.13515	.001	1
S2	.80000	.74020	-.060	-7.48	.01000	.000	1

Reviewed By:
On:
Inst Id :P4
LB :LB135614



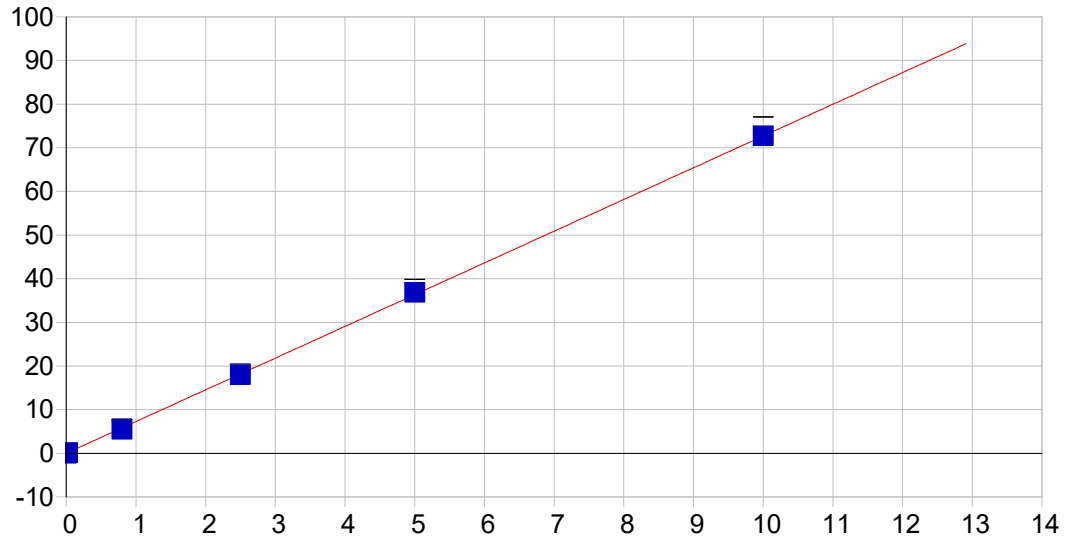
Li 670.784 { 50}

Date of Fit:	4/30/2025 23:41:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001794	Re-Slope:	1.000000
A1 (Gain):	0.771224	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999056	Status:	OK.
Std Error of Est:	0.000786		
Predicted MDL:	0.001331		
Predicted MQL:	0.004438		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00180	.001	1
S5	10.000	10.372	.372	3.72	8.0049	.077	1
S4	5.0000	4.8651	-.135	-2.70	3.7558	.051	1
S3	2.5000	2.3310	-.169	-6.76	1.8005	.010	1
S1	.02000	.01704	-.003	-14.8	.01518	.001	1
S2	.80000	.73472	-.065	-8.16	.56874	.001	1

Reviewed By:
On:
Inst Id :P4
LB :LB135614



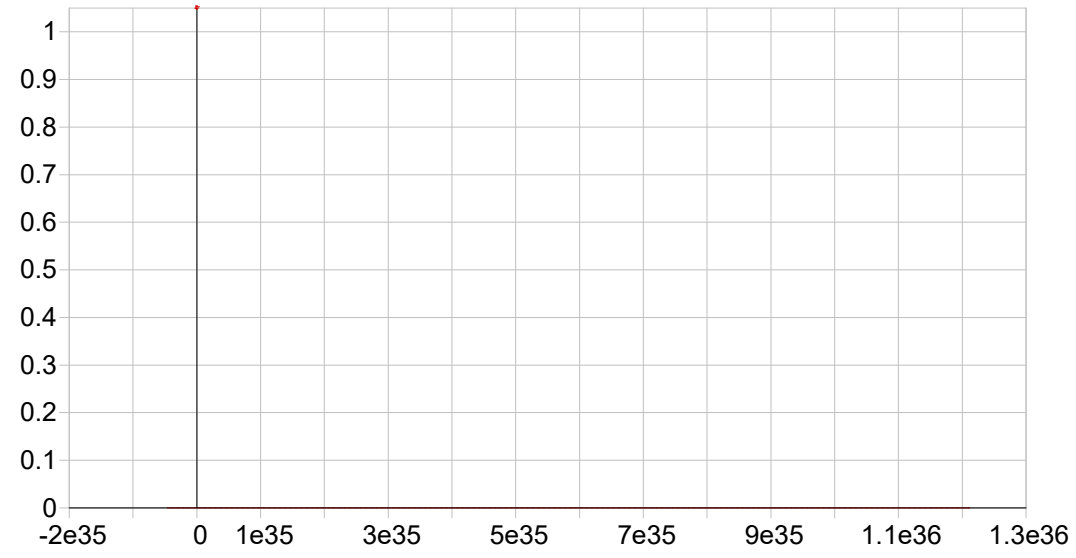
Sr 407.771 { 83}

Date of Fit:	4/30/2025 23:41:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000186	Re-Slope:	1.000000
A1 (Gain):	7.269873	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999901	Status:	OK.
Std Error of Est:	0.002394		
Predicted MDL:	0.000090		
Predicted MQL:	0.000298		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00020	.001	1
S1	.02000	.01944	-.001	-2.80	.14221	.000	1
S3	2.5000	2.4732	-.027	-1.07	17.998	.143	1
S4	5.0000	5.0685	.069	1.37	36.883	.717	1
S5	10.000	10.002	.002	.024	72.786	2.07	1
S2	.80000	.75641	-.044	-5.45	5.5048	.018	1

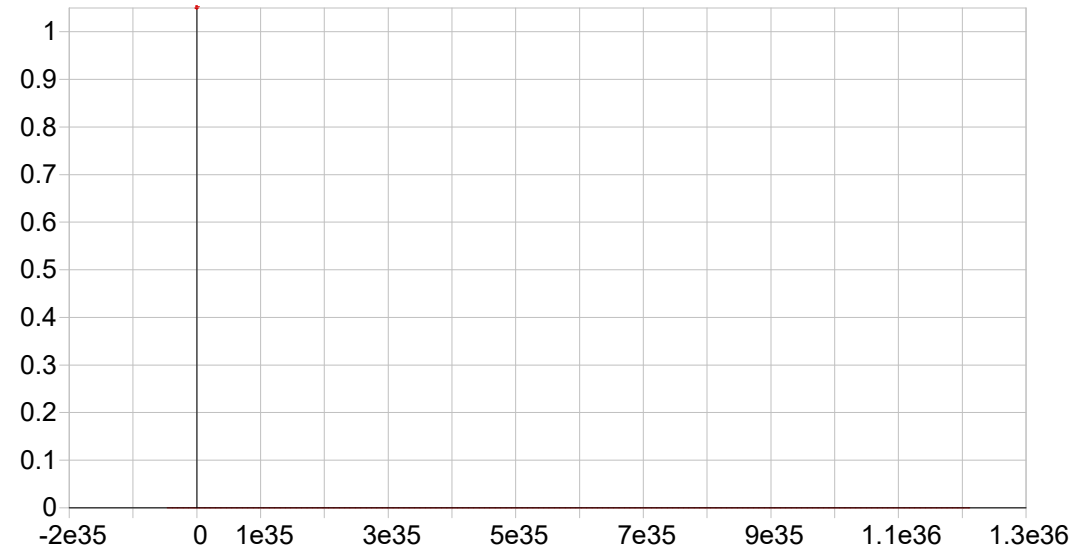
Reviewed By:
On:
Inst Id :P4
LB :LB135614



Y 224.306 {450}*

Date of Fit:	4/30/2025 23:41:11	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



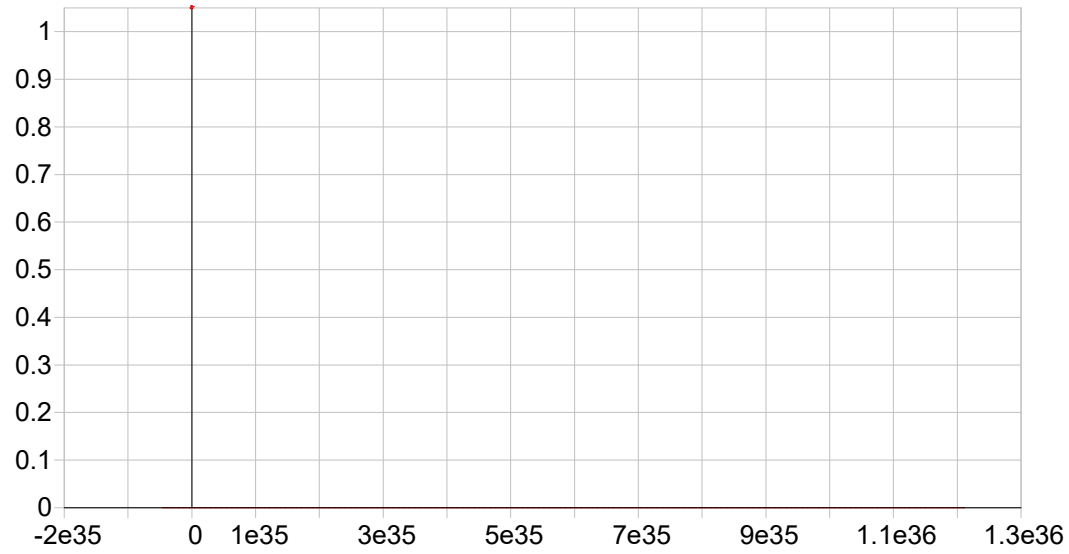
Y 360.073 { 94}*

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 :LB135614

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

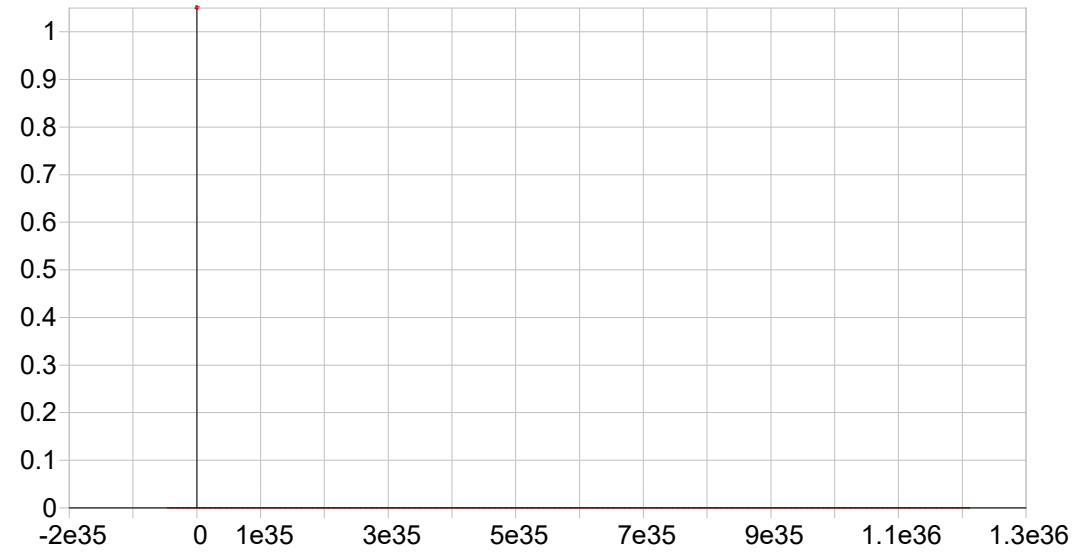


Y 371.030 { 91}*

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 :LB135614

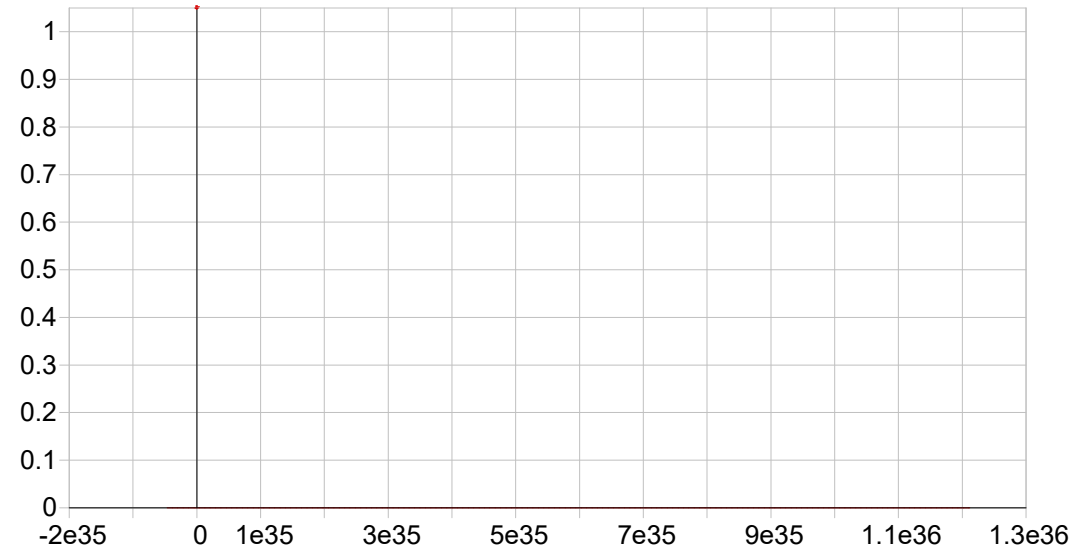


Y 224.306 {150}*

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 :LB135614

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 :LB135614

Sample Name: S0 Acquired: 4/30/2025 14:28:55 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v24) 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	-.00012	-.00005	-.00025	.00036	.00031	.00011	.04055	-.00008
Stddev	.00009	.00003	.00012	.00009	.00014	.00023	.00028	.00004
%RSD	73.584	71.671	47.698	25.709	46.453	201.07	.68896	49.221
#1	-.00017	-.00007	-.00019	.00030	.00047	.00012	.04034	-.00004
#2	-.00002	-.00001	-.00038	.00046	.00022	.00034	.04087	-.00010
#3	-.00017	-.00006	-.00016	.00031	.00023	-.00012	.04046	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00000	.00005	.00011	.00006	-.00033	.00002	.00147	-.00022
Stddev	.00012	.00024	.00005	.00017	.00017	.00001	.00014	.00022
%RSD	10061.	490.20	48.362	259.75	52.995	80.976	9.6213	98.363
#1	.00012	.00030	.00015	-.00011	-.00051	.00003	.00131	.00002
#2	-.00012	.00003	.00005	.00009	-.00017	.00000	.00159	-.00030
#3	-.00000	-.00018	.00013	.00022	-.00029	.00002	.00150	-.00040

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	-.00034	-.00120	.00100	.00003	.00370	-.00011	.00395	.00022
Stddev	.00011	.00005	.00020	.00005	.00075	.00015	.00009	.00008
%RSD	31.477	3.8856	20.291	182.02	20.264	134.23	2.2557	35.010
#1	-.00047	-.00116	.00079	-.00001	.00288	.00006	.00402	.00023
#2	-.00031	-.00117	.00102	.00001	.00387	-.00023	.00385	.00030
#3	-.00026	-.00125	.00120	.00008	.00435	-.00016	.00399	.00014

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	.00018	.00292	.00012	-.00097	.00015	.00180	.00020
Stddev	.00004	.00027	.00001	.00001	.00003	.00097	.00075
%RSD	22.383	9.1297	11.863	1.4284	22.892	53.738	376.46
#1	.00019	.00308	.00013	-.00096	.00014	.00231	.00029
#2	.00013	.00307	.00010	-.00099	.00019	.00068	.00089
#3	.00021	.00262	.00013	-.00097	.00012	.00240	-.00059

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: S0 Acquired: 4/30/2025 14:28:55 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v24) 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	3215.7	77201.	11196.	2115.4	5273.7
Stddev	4.5	258.	60.	3.2	12.6
%RSD	.14139	.33363	.53338	.15200	.23879
#1	3213.8	77324.	11155.	2118.9	5270.5
#2	3220.9	77375.	11169.	2112.6	5287.6
#3	3212.4	76905.	11265.	2114.7	5263.0

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: S1 Acquired: 4/30/2025 14:33:17 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.00060	.00161	.00167	.00080	.00599	.00704	.24188	.03603
Stddev	.00002	.00005	.00010	.00001	.00005	.00028	.00306	.00047
%RSD	3.0076	2.8716	6.0639	1.3501	.89105	4.0230	1.2638	1.2936
#1	.00061	.00167	.00177	.00079	.00594	.00736	.24524	.03583
#2	.00061	.00159	.00156	.00080	.00604	.00682	.24110	.03656
#3	.00058	.00158	.00169	.00081	.00598	.00695	.23928	.03569

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	.01064	.08914	.00137	.01553	.01027	.00032	.00864	.02193
Stddev	.00006	.00056	.00001	.00013	.00015	.00001	.00014	.00011
%RSD	.57966	.62712	.82261	.81593	1.4520	2.0160	1.6130	.49488
#1	.01056	.08974	.00137	.01541	.01036	.00032	.00880	.02189
#2	.01067	.08903	.00139	.01551	.01036	.00031	.00858	.02185
#3	.01067	.08864	.00136	.01566	.01010	.00032	.00855	.02205

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	.01461	.00111	.01469	.00495	.08990	.01020	.04291	.10194
Stddev	.00010	.00008	.00009	.00017	.00123	.00012	.00046	.00032
%RSD	.66690	6.7936	.58176	3.4759	1.3736	1.1652	1.0655	.31832
#1	.01460	.00115	.01476	.00482	.09122	.01033	.04241	.10188
#2	.01452	.00102	.01460	.00515	.08972	.01009	.04331	.10165
#3	.01471	.00114	.01472	.00489	.08877	.01018	.04302	.10229

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	.00303	.01768	.00126	-.00036	.00035	.01518	.14221
Stddev	.00015	.00018	.00002	.00002	.00010	.00054	.00015
%RSD	4.9127	1.0378	1.3513	4.8903	28.065	3.5556	.10696
#1	.00319	.01786	.00127	-.00038	.00028	.01580	.14239
#2	.00292	.01749	.00124	-.00035	.00031	.01479	.14213
#3	.00297	.01770	.00127	-.00034	.00046	.01495	.14212

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: S1 Acquired: 4/30/2025 14:33:17 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v24) 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	3196.6	76422.	10749.	2106.9	5173.0
Stddev	3.1	472.	5.	14.9	7.0
%RSD	.09644	.61782	.04501	.70953	.13521
#1	3199.9	76180.	10743.	2093.2	5181.1
#2	3193.8	76966.	10752.	2122.8	5169.7
#3	3196.0	76120.	10751.	2104.8	5168.4

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: S2 Acquired: 4/30/2025 14:37:36 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.02804	.03319	.11429	.02433	.07987	.09892	3.1842	.22608
Stddev	.00017	.00029	.00032	.00008	.00037	.00034	.0098	.00062
%RSD	.60687	.87899	.28412	.33091	.46353	.34353	.30695	.27627
#1	.02823	.03346	.11396	.02441	.07977	.09899	3.1948	.22665
#2	.02797	.03288	.11430	.02425	.07956	.09855	3.1823	.22541
#3	.02791	.03323	.11461	.02432	.08028	.09922	3.1755	.22618

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	.65209	.17008	.02171	.20231	.09588	.00265	.13223	.03897
Stddev	.00174	.00081	.00009	.00071	.00051	.00002	.00044	.00022
%RSD	.26734	.47637	.42817	.35017	.53157	.61884	.33536	.57660
#1	.65053	.17079	.02169	.20180	.09547	.00263	.13250	.03877
#2	.65178	.16920	.02162	.20201	.09571	.00265	.13172	.03895
#3	.65397	.17027	.02181	.20312	.09645	.00266	.13247	.03921

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	.14564	.04320	.02817	.04684	.81772	.01969	.28388	.38077
Stddev	.00053	.00015	.00010	.00005	.00415	.00005	.00100	.00054
%RSD	.36517	.34436	.35544	.10011	.50691	.23970	.35203	.14193
#1	.14538	.04309	.02806	.04684	.81386	.01964	.28490	.38072
#2	.14530	.04314	.02825	.04688	.81718	.01973	.28290	.38025
#3	.14625	.04337	.02821	.04679	.82210	.01969	.28384	.38133

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	.05756	.28272	.00236	.01782	.01000	.56874	5.5048
Stddev	.00004	.00163	.00005	.00007	.00006	.00134	.0181
%RSD	.07480	.57779	2.0922	.41598	.60436	.23570	.32841
#1	.05753	.28433	.00231	.01786	.00993	.57014	5.5255
#2	.05761	.28106	.00237	.01773	.01004	.56860	5.4924
#3	.05754	.28279	.00240	.01786	.01003	.56747	5.4964

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: S2 Acquired: 4/30/2025 14:37:36 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v24) 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	3127.4	74750.	10641.	2067.9	4977.7
Stddev	3.6	280.	60.	3.8	11.7
%RSD	.11604	.37507	.56836	.18432	.23444
#1	3128.3	74592.	10577.	2066.2	4983.7
#2	3130.6	75073.	10697.	2065.3	4985.2
#3	3123.5	74584.	10651.	2072.3	4964.3

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: S3 Acquired: 4/30/2025 14:41:41 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.08824	.10078	.35673	.07585	.25205	.31103	10.611	.65378
Stddev	.00032	.00123	.00133	.00048	.00090	.00034	.046	.00279
%RSD	.36816	1.2224	.37361	.63011	.35766	.10995	.43415	.42725
#1	.08839	.10194	.35736	.07573	.25236	.31071	10.601	.65662
#2	.08786	.09949	.35519	.07543	.25104	.31100	10.662	.65104
#3	.08845	.10091	.35762	.07637	.25276	.31139	10.571	.65367

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	2.0375	.54118	.06655	.63669	.29868	.00899	.42148	.12307
Stddev	.0052	.00086	.00031	.00240	.00157	.00002	.00086	.00057
%RSD	.25723	.15845	.46816	.37692	.52689	.17830	.20495	.46464
#1	2.0362	.54161	.06691	.63547	.29794	.00898	.42239	.12371
#2	2.0331	.54173	.06633	.63515	.29761	.00901	.42067	.12289
#3	2.0433	.54019	.06642	.63946	.30049	.00898	.42140	.12261

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	.45814	.13567	.09854	.15084	2.5619	.06752	.82213	1.1888
Stddev	.00064	.00005	.00063	.00022	.0031	.00030	.00011	.0032
%RSD	.14001	.03325	.63431	.14706	.12268	.43932	.01370	.26911
#1	.45845	.13563	.09840	.15102	2.5594	.06722	.82214	1.1876
#2	.45740	.13572	.09922	.15089	2.5654	.06781	.82224	1.1864
#3	.45857	.13566	.09799	.15059	2.5609	.06754	.82201	1.1925

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	.17728	.90292	.00820	.05883	.03192	1.8005	17.998
Stddev	.00051	.00246	.00004	.00050	.00015	.0095	.143
%RSD	.28523	.27290	.43497	.85751	.45927	.52952	.79639
#1	.17714	.90420	.00816	.05883	.03196	1.7990	17.845
#2	.17687	.90448	.00822	.05832	.03176	1.8107	18.129
#3	.17785	.90008	.00822	.05933	.03204	1.7918	18.018

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: S3 Acquired: 4/30/2025 14:41:41 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v24) 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	3140.3	77083.	11817.	2100.7	4925.2
Stddev	10.5	343.	77.	9.7	18.7
%RSD	.33580	.44481	.65581	.46411	.37882
#1	3145.5	76709.	11735.	2111.4	4929.1
#2	3147.3	77382.	11889.	2098.5	4941.7
#3	3128.2	77159.	11827.	2092.2	4905.0

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: S4 Acquired: 4/30/2025 14:45:49 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.17954	.20695	.72244	.15445	.51057	.63321	21.632	1.2885
Stddev	.00128	.00371	.00365	.00133	.00424	.00231	.196	.0470
%RSD	.71237	1.7934	.50480	.86117	.83113	.36435	.90481	3.6495
#1	.17948	.20473	.71927	.15468	.51351	.63568	21.633	1.2361
#2	.17830	.20488	.72163	.15302	.50571	.63285	21.828	1.3023
#3	.18085	.21123	.72643	.15565	.51250	.63111	21.436	1.3271

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	4.1520	1.0809	.13333	1.2870	.59665	.01850	.84237	.24835
Stddev	.0218	.0127	.00066	.0053	.00336	.00037	.00618	.00387
%RSD	.52513	1.1792	.49623	.41578	.56297	1.9926	.73393	1.5583
#1	4.1288	1.0681	.13275	1.2831	.59681	.01892	.83564	.24418
#2	4.1552	1.0812	.13405	1.2849	.59321	.01837	.84368	.24903
#3	4.1720	1.0936	.13318	1.2931	.59993	.01822	.84779	.25183

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	.92356	.27341	.21230	.30647	5.0836	.14279	1.6136	2.3676
Stddev	.00460	.00154	.00846	.00214	.0381	.00504	.0612	.0105
%RSD	.49771	.56173	3.9836	.69697	.74847	3.5278	3.7904	.44401
#1	.91891	.27168	.22162	.30450	5.0401	.14833	1.5455	2.3676
#2	.92365	.27463	.21016	.30615	5.1000	.14156	1.6312	2.3570
#3	.92810	.27392	.20512	.30874	5.1108	.13848	1.6640	2.3781

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	.36219	1.8325	.01639	.12319	.06712	3.7558	36.883
Stddev	.00156	.0029	.00044	.00108	.00052	.0505	.717
%RSD	.43116	.15622	2.7069	.87645	.76782	1.3455	1.9428
#1	.36048	1.8357	.01690	.12289	.06699	3.8112	36.948
#2	.36255	1.8315	.01617	.12229	.06668	3.7441	37.564
#3	.36354	1.8303	.01609	.12438	.06769	3.7122	36.136

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: S4 Acquired: 4/30/2025 14:45:49 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v24) 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	3066.0	74746.	11782.	2045.5	4708.0
Stddev	9.9	186.	411.	18.7	24.7
%RSD	.32364	.24894	3.4878	.91634	.52535
#1	3073.5	74785.	12223.	2059.1	4735.4
#2	3069.7	74910.	11713.	2053.3	4701.5
#3	3054.8	74544.	11410.	2024.1	4687.2

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: S5 Acquired: 4/30/2025 14:50:02 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.35975	.39521	1.4182	.30734	1.0332	1.3205	43.227	2.5994
Stddev	.00197	.00595	.0070	.00287	.0082	.0024	.724	.0853
%RSD	.54865	1.5055	.49140	.93334	.79463	.17825	1.6758	3.2803
#1	.35749	.38994	1.4107	.30403	1.0237	1.3178	44.045	2.6813
#2	.36112	.39404	1.4195	.30911	1.0380	1.3212	42.965	2.6056
#3	.36065	.40166	1.4245	.30888	1.0379	1.3224	42.669	2.5111

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	8.2051	2.1731	.25547	2.5617	1.1740	.03586	1.6963	.50713
Stddev	.0366	.0300	.00236	.0133	.0082	.00082	.0177	.00900
%RSD	.44621	1.3816	.92508	.52007	.70227	2.2938	1.0462	1.7745
#1	8.1696	2.1971	.25335	2.5476	1.1651	.03503	1.7094	.51552
#2	8.2030	2.1828	.25504	2.5635	1.1813	.03587	1.7035	.50825
#3	8.2428	2.1395	.25802	2.5740	1.1758	.03668	1.6762	.49763

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	1.8235	.54382	.43074	.62630	10.000	.28957	3.3276	4.7032
Stddev	.0084	.00113	.01770	.00485	.026	.01156	.1318	.0271
%RSD	.46009	.20740	4.1085	.77480	.26202	3.9937	3.9606	.57651
#1	1.8143	.54324	.41323	.63018	10.024	.27857	3.4572	4.6721
#2	1.8254	.54310	.43038	.62785	10.005	.28853	3.3318	4.7153
#3	1.8308	.54512	.44862	.62086	9.9720	.30162	3.1937	4.7221

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	.71311	3.7593	.03277	.24287	.13515	8.0049	72.786
Stddev	.00299	.0149	.00123	.00126	.00077	.0774	2.074
%RSD	.41949	.39501	3.7563	.51826	.57243	.96700	2.8500
#1	.71004	3.7634	.03159	.24152	.13427	7.9239	74.672
#2	.71329	3.7718	.03268	.24309	.13547	8.0127	70.564
#3	.71601	3.7429	.03405	.24400	.13571	8.0781	73.123

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: S5 Acquired: 4/30/2025 14:50:02 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v24) 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	3015.5	75298.	11436.	1966.6	4582.3
Stddev	12.9	778.	341.	8.0	16.3
%RSD	.42918	1.0332	2.9834	.40559	.35586
#1	3030.4	75928.	11095.	1957.8	4599.1
#2	3008.9	75538.	11435.	1968.5	4581.1
#3	3007.2	74429.	11777.	1973.4	4566.5

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: ICV01 Acquired: 4/30/2025 16:18:54 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.9858427	1.079147	.9871370	1.012976	.9728841	2.318964
Stddev	.0054513	.004719	.0037739	.001815	.0020042	.005038
%RSD	.5529614	.4372617	.3823108	.1791661	.2060048	.2172363
#1	.9799292	1.079363	.9847539	1.012223	.9745892	2.317066
#2	.9906675	1.083755	.9851691	1.011658	.9733866	2.324675
#3	.9869313	1.074325	.9914882	1.015046	.9706765	2.315151

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5365448	.4725846	.4999578	9.270722	.5097931	.4870486
Stddev	.0005259	.0022715	.0004554	.003706	.0006341	.0012391
%RSD	.0980067	.4806585	.0910839	.0399699	.1243916	.2544055
#1	.5359439	.4727187	.4995353	9.269979	.5098203	.4862881
#2	.5367692	.4702490	.4998980	9.267445	.5091458	.4863791
#3	.5369211	.4747861	.5004402	9.274743	.5104132	.4884784

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4949556	9.188708	.4681124	5.514722	.5261351	.2619556
Stddev	.0003583	.016864	.0012971	.025605	.0009023	.0007921
%RSD	.0723836	.1835251	.2770852	.4643023	.1714990	.3023946
#1	.4951548	9.193229	.4668978	5.485232	.5250983	.2613759
#2	.4951699	9.202850	.4679610	5.531305	.5265640	.2628582
#3	.4945420	9.170045	.4694786	5.527629	.5267429	.2616328

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.914151	.4554735	.9688831	10.01864	2.566328	2.498126
Stddev	.037057	.0026275	.0024136	.05036	.014190	.002377
%RSD	.3737751	.5768805	.2491072	.5026885	.5529490	.0951493
#1	9.930076	.4581644	.9682764	10.02996	2.562501	2.495844
#2	9.940583	.4553419	.9668308	10.06237	2.554444	2.500588
#3	9.871794	.4529143	.9715421	9.96358	2.582040	2.497947

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: ICV01 Acquired: 4/30/2025 16:18:54 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	2.449665	2.331460	F 2.056221	F .0028410	F -.013092	F -.001641
Stddev	.003840	.001808	.007222	.0016092	.001462	.001113
%RSD	.1567756	.0775674	.3512456	56.64187	11.16505	67.81339
#1	2.445465	2.332687	2.063170	.0043666	-.013739	-.000461
#2	2.450533	2.332311	2.056741	.0011596	-.014119	-.001790
#3	2.452997	2.329383	2.048753	.0029966	-.011419	-.002673

Elem	Sr4077
Units	ppm
Avg	F -.007668
Stddev	.000066
%RSD	.8601482
#1	-.007683
#2	-.007724
#3	-.007595

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3100.679	76044.53	11736.76	2035.954	4934.639
Stddev	5.953	187.73	42.28	1.784	9.165
%RSD	.1919893	.2468751	.3602780	.0876436	.1857263
#1	3103.105	75828.06	11716.99	2037.954	4943.411
#2	3093.896	76142.83	11785.31	2034.524	4925.126
#3	3105.035	76162.70	11707.98	2035.385	4935.381

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: LLICV01 Acquired: 4/30/2025 16:28:50 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0225522	.0455533	.0123914	.0163427	.0555490	.0953553
Stddev	.0004162	.0009132	.0016559	.0032580	.0025184	.0025331
%RSD	1.845332	2.004745	13.36307	19.93531	4.533703	2.656458
#1	.0227670	.0454620	.0110551	.0132869	.0531697	.0934495
#2	.0220725	.0446893	.0118751	.0197708	.0581867	.0943868
#3	.0228171	.0465088	.0142438	.0159704	.0552907	.0982298

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0935272	.0064289	.0065832	2.041176	.0097621	.0309319
Stddev	.0010061	.0000803	.0001044	.016162	.0002198	.0003057
%RSD	1.075765	1.248393	1.585200	.7917781	2.251559	.9882852
#1	.0943791	.0064866	.0067018	2.043308	.0097237	.0311088
#2	.0937852	.0063373	.0065053	2.056165	.0099986	.0305789
#3	.0924171	.0064629	.0065426	2.024054	.0095641	.0311080

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0232570	.0928421	.0212723	2.182481	.0417586	.0107385
Stddev	.0003096	.0022821	.0001013	.032231	.0002016	.0000688
%RSD	1.331406	2.458068	.4760200	1.476808	.4828611	.6405225
#1	.0229629	.0948319	.0213861	2.217624	.0415905	.0108098
#2	.0235802	.0933435	.0211921	2.154300	.0417033	.0107332
#3	.0232278	.0903510	.0212386	2.175518	.0419822	.0106725

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.740418	.0401842	.0425256	1.969281	.1046311	.2197566
Stddev	.022505	.0017801	.0003670	.010743	.0014562	.0003496
%RSD	1.293070	4.429861	.8629467	.5455535	1.391719	.1590617
#1	1.720057	.0421504	.0428318	1.963405	.1059164	.2200701
#2	1.764582	.0397199	.0426263	1.981681	.1030496	.2198201
#3	1.736615	.0386822	.0421188	1.962758	.1049274	.2193797

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: LLICV01 Acquired: 4/30/2025 16:28:50 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0410845	.0407745	.3875188	F .0251636	.0191848	F .0153533
Stddev	.0004585	.0002625	.0161484	.0059152	.0016541	.0012425
%RSD	1.115875	.6438301	4.167135	23.50701	8.621951	8.092445
#1	.0405583	.0410142	.3885309	.0190995	.0175900	.0139205
#2	.0413979	.0408154	.4031373	.0254738	.0190720	.0160060
#3	.0412973	.0404939	.3708881	.0309177	.0208924	.0161334

Elem	Sr4077
Units	ppm
Avg	.0202255
Stddev	.0000856
%RSD	.4230124
#1	.0202192
#2	.0201433
#3	.0203140

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3147.042	78332.96	11682.00	2101.502	5113.267
Stddev	9.869	469.76	112.19	26.398	9.811
%RSD	.3136054	.5996941	.9603797	1.256161	.1918777
#1	3157.841	78578.37	11556.66	2099.748	5115.913
#2	3144.795	77791.32	11716.33	2076.024	5121.484
#3	3138.490	78629.19	11773.02	2128.733	5102.405

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: ICB01 Acquired: 4/30/2025 16:36:09 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0008624	.0001460	.0015700	-.004577	-.000255	.0002393	-.003787
Stddev	.0007681	.0020284	.0009278	.001170	.001431	.0047498	.001385
%RSD	89.06167	1388.883	59.09793	25.55265	560.6366	1984.678	36.58347
#1	.0001469	-.000298	.0017167	-.003230	-.001789	-.005244	-.005361
#2	.0016741	.002360	.0005775	-.005162	.001043	.003099	-.002752
#3	.0007662	-.001624	.0024156	-.005339	-.000019	.002862	-.003247

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000082	-.000032	.0160992	-.000563	-.000137	.0001447	-.006342
Stddev	.0000344	.000038	.0056536	.000596	.000050	.0001438	.002348
%RSD	419.0605	119.2319	35.11731	105.8124	36.91579	99.35454	37.02224
#1	-.000024	-.000067	.0133863	.000074	-.000181	.0001058	-.003701
#2	.000045	.000008	.0225979	-.000658	-.000082	.0000244	-.008194
#3	.000004	-.000037	.0123133	-.001105	-.000147	.0003039	-.007131

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014240	-.003489	-.000188	.0000489	-.023092	.0000441	-.000439
Stddev	.0006730	.015301	.000349	.0000424	.024004	.0008799	.000433
%RSD	47.26228	438.5434	185.9023	86.52621	103.9472	1995.744	98.50672
#1	.0007029	-.007591	-.000562	.0000228	-.045182	.0005722	-.000636
#2	.0020355	.013445	.000127	.0000978	.002451	.0005318	-.000739
#3	.0015337	-.016321	-.000128	.0000263	-.026545	-.000972	.000057

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0874616	-.008193	-.000069	-.000837	-.000075	-.000554	-.003567
Stddev	.0296932	.000646	.000182	.000677	.000489	.007791	.004343
%RSD	33.94992	7.889721	262.8997	80.85117	652.5625	1406.099	121.7566
#1	.0673520	-.008940	-.000210	-.001375	-.000584	-.009306	-.006462
#2	.0734667	-.007832	.000136	-.000077	-.000031	.005626	.001427
#3	.1215661	-.007809	-.000133	-.001058	.000391	.002018	-.005666

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: ICB01 Acquired: 4/30/2025 16:36:09 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	-.003033	-.003902	.0000111
Stddev	.006399	.000338	.0000229
%RSD	210.9732	8.662440	206.5803
#1	.001835	-.004237	.0000130
#2	-.010282	-.003561	-.000013
#3	-.000653	-.003907	.000033

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3143.815	76678.93	11850.81	2098.657	5133.764
Stddev	3.244	346.47	64.77	10.673	11.587
%RSD	.1031803	.4518488	.5465495	.5085581	.2256978
#1	3146.751	76963.13	11845.74	2110.517	5146.676
#2	3144.361	76292.97	11917.97	2089.825	5124.272
#3	3140.333	76780.68	11788.73	2095.630	5130.345

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: CRI01 Acquired: 4/30/2025 16:41:45 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0218802	.0449091	.0134511	.0164952	.0545742	.0974516
Stddev	.0033429	.0011949	.0002373	.0041016	.0011670	.0059608
%RSD	15.27808	2.660677	1.764496	24.86523	2.138433	6.116662
#1	.0189160	.0437987	.0136855	.0152263	.0532292	.0961818
#2	.0255036	.0447551	.0134568	.0210813	.0553192	.1039449
#3	.0212209	.0461736	.0132109	.0131781	.0551742	.0922280

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0905673	.0062955	.0063362	2.028819	.0098818	.0303487
Stddev	.0021612	.0000187	.0000371	.003206	.0004009	.0001603
%RSD	2.386305	.2975577	.5857944	.1580159	4.056904	.5283400
#1	.0919075	.0062764	.0063078	2.029962	.0095993	.0302693
#2	.0917204	.0062963	.0063782	2.025198	.0103407	.0302436
#3	.0880741	.0063139	.0063226	2.031297	.0097055	.0305333

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0232433	.0909186	.0210433	2.139305	.0413383	.0107813
Stddev	.0001678	.0038623	.0001504	.023740	.0002488	.0000059
%RSD	.7220162	4.248084	.7145281	1.109694	.6017868	.0552315
#1	.0231674	.0938388	.0209393	2.112324	.0411326	.0107744
#2	.0231268	.0923776	.0209750	2.156986	.0412674	.0107847
#3	.0234357	.0865393	.0212157	2.148607	.0416148	.0107848

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.744331	.0388726	.0428166	2.028686	.1021693	.2196601
Stddev	.011013	.0014966	.0009207	.012352	.0008714	.0001167
%RSD	.6313584	3.849922	2.150409	.6088766	.8529173	.0531253
#1	1.753387	.0371735	.0436961	2.031922	.1015862	.2196086
#2	1.732071	.0394490	.0428942	2.015038	.1017507	.2195780
#3	1.747535	.0399952	.0418595	2.039098	.1031710	.2197937

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: CRI01 Acquired: 4/30/2025 16:41:45 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0408105	.0403889	.3886708	F .0272852	.0169071	.0148486
Stddev	.0009002	.0006881	.0027745	.0017699	.0034258	.0001423
%RSD	2.205856	1.703704	.7138437	6.486733	20.26252	.9584651
#1	.0406979	.0402727	.3873450	.0254604	.0167125	.0149891
#2	.0417617	.0411278	.3868080	.0289946	.0135828	.0147045
#3	.0399718	.0397664	.3918595	.0274008	.0204261	.0148522

Elem	Sr4077
Units	ppm
Avg	.0200630
Stddev	.0001051
%RSD	.5239392
#1	.0199816
#2	.0200256
#3	.0201817

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3189.276	78075.48	11742.41	2092.646	5216.563
Stddev	6.480	373.64	68.44	3.278	12.716
%RSD	.2031732	.4785639	.5828249	.1566500	.2437550
#1	3196.368	77720.18	11780.86	2088.869	5229.890
#2	3187.795	78041.16	11663.39	2094.743	5215.237
#3	3183.665	78465.09	11782.97	2094.327	5204.563

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: ICSA01 Acquired: 4/30/2025 16:46:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059164	.0110522	-.000962	-.001869	-.003454	237.6148	.0020476
Stddev	.0004693	.0032530	.001164	.006704	.000863	.4509	.0011783
%RSD	7.931961	29.43261	120.9658	358.7136	24.98095	.1897450	57.54230
#1	.0063992	.0110098	-.001564	-.006755	-.002638	238.0892	.0007795
#2	.0054619	.0143262	.000379	-.004626	-.003367	237.5633	.0022550
#3	.0058881	.0078207	-.001702	.005774	-.004357	237.1919	.0031085

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005709	-.002342	229.3593	.0564373	.0007787	.0018482	101.9302
Stddev	.0000220	.000058	.7657	.0007301	.0005867	.0008761	.1224
%RSD	3.849936	2.473555	.3338238	1.293705	75.34953	47.40527	.1201126
#1	.0005522	-.002351	229.6982	.0572436	.0001973	.0012657	102.0607
#2	.0005654	-.002281	229.8970	.0558210	.0007681	.0014231	101.8179
#3	.0005951	-.002395	228.4827	.0562472	.0013707	.0028558	101.9118

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011952	244.8210	.0018576	.0019131	-.008384	.0013511	.0031825
Stddev	.0002838	.8885	.0007026	.0000837	.015176	.0021471	.0003099
%RSD	23.74225	.3628988	37.82159	4.374169	181.0138	158.9106	9.736398
#1	.0015005	244.9569	.0014483	.0018599	-.020048	.0025189	.0029025
#2	.0011454	245.6336	.0014557	.0020096	.008774	-.001127	.0035154
#3	.0009396	243.8724	.0026689	.0018699	-.013878	.002661	.0031296

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1306737	.0313725	-.000055	-.006065	-.002349	.0075868	.0015966
Stddev	.0050864	.0056881	.000400	.002715	.000589	.0048922	.0032248
%RSD	3.892474	18.13095	731.5204	44.77408	25.08214	64.48265	201.9850
#1	.1350378	.0307277	-.000013	-.003193	-.002883	.0129171	.0053202
#2	.1250876	.0260342	-.000474	-.006411	-.002448	.0065418	-.000291
#3	.1318958	.0373555	.000323	-.008591	-.001717	.0033016	-.000240

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: ICSA01 Acquired: 4/30/2025 16:46:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.019221	.0011094	-.001473
Stddev	.009999	.0009625	.000220
%RSD	52.02111	86.75660	14.91881
#1	-.011986	.0009491	-.001480
#2	-.015046	.0021420	-.001250
#3	-.030632	.0002372	-.001690

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2840.157	68216.12	11854.27	1881.825	4190.127
Stddev	20.967	427.59	88.92	11.986	18.797
%RSD	.7382467	.6268238	.7501080	.6369559	.4486088
#1	2818.463	67731.97	11775.12	1870.149	4168.934
#2	2841.696	68374.35	11837.22	1881.226	4196.666
#3	2860.313	68542.05	11950.48	1894.100	4204.782

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: ICSAB01 Acquired: 4/30/2025 17:04:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.1169093	.1178450	.0508644	.0509079	.6327813	233.6859
Stddev	.0069987	.0019541	.0051073	.0036945	.0010134	.3228
%RSD	5.986463	1.658217	10.04101	7.257200	.1601533	.1381488
#1	.1241088	.1174139	.0483134	.0468647	.6316524	233.5124
#2	.1164888	.1161425	.0475352	.0517511	.6330787	233.4870
#3	.1101303	.1199787	.0567447	.0541078	.6336127	234.0584

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4957781	.5136703	1.086534	225.3288	.5999509	.5309263
Stddev	.0013267	.0038155	.000970	.3200	.0021993	.0003667
%RSD	.2675920	.7427841	.0892562	.1419963	.3665857	.0690715
#1	.4957445	.5104469	1.085636	224.9628	.6023356	.5311179
#2	.4971213	.5126810	1.087562	225.4677	.5980022	.5311575
#3	.4944686	.5178830	1.086404	225.5558	.5995150	.5305035

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5019567	97.71409	.4958196	242.1280	1.049807	.2054144
Stddev	.0017174	.85594	.0008610	.5976	.001820	.0003974
%RSD	.3421410	.8759599	.1736474	.2468323	.1733759	.1934484
#1	.4999947	98.67210	.4948301	241.5406	1.048536	.2057879
#2	.5031872	97.44557	.4963982	242.1080	1.051892	.2049968
#3	.5026884	97.02461	.4962304	242.7354	1.048994	.2054585

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.015600	.4891611	1.085078	.1094865	.8694651	.9990055
Stddev	.018194	.0015349	.004927	.0234077	.0134366	.0210814
%RSD	116.6242	.3137895	.4540762	21.37955	1.545392	2.110235
#1	-.033311	.4874009	1.079429	.0834216	.8574764	.9762644
#2	.003040	.4898617	1.087316	.1287148	.8669303	1.002856
#3	-.016529	.4902207	1.088490	.1163231	.8839886	1.017896

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: ICSAB01 Acquired: 4/30/2025 17:04:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	1.023630	F .8450858	F .8485745	F .0008334	F -.013569	F -.000304
Stddev	.020297	.0057957	.0121376	.0036045	.007671	.001700
%RSD	1.982807	.6858144	1.430352	432.5083	56.53199	559.3069
#1	1.002484	.8398666	.8623208	-.000807	-.007584	.001636
#2	1.025452	.8440677	.8393349	-.001659	-.022216	-.001015
#3	1.042955	.8513231	.8440677	.004966	-.010907	-.001533

Elem	Sr4077
Units	ppm
Avg	F -.000170
Stddev	.000666
%RSD	392.1270
#1	-.000935
#2	.000146
#3	.000279

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2856.564	67631.42	11508.81	1862.466	4218.491
Stddev	6.150	444.31	55.03	4.703	3.871
%RSD	.2152829	.6569551	.4781625	.2525377	.0917692
#1	2863.330	67124.89	11547.13	1865.354	4222.784
#2	2855.047	67955.27	11533.55	1865.006	4217.424
#3	2851.314	67814.10	11445.75	1857.039	4215.265

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: ICSADLX20 Acquired: 4/30/2025 17:09:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0011871	.0007684	.0009395	-.003917	.0002270	11.49748	.0003514
Stddev	.0020630	.0020349	.0020796	.003092	.0007466	.02361	.0008123
%RSD	173.7863	264.8297	221.3480	78.94275	328.9241	.2053689	231.1556
#1	.0035492	-.000805	.0000238	-.000796	-.000629	11.47692	-.000565
#2	.0002741	.000043	.0033199	-.003975	.000746	11.52327	.000637
#3	-.000262	.003066	-.000525	-.006980	.000564	11.49226	.000982

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001297	-.000180	11.63770	.0020087	.0001550	.0003584	4.919524
Stddev	.0000234	.000067	.05640	.0002373	.0001698	.0003535	.045529
%RSD	18.00950	37.07844	.4846363	11.81399	109.5295	98.65832	.9254661
#1	.0001251	-.000174	11.58058	.0018004	.0003509	.0003788	4.965806
#2	.0001551	-.000250	11.69335	.0022671	.0000630	.0007012	4.874788
#3	.0001090	-.000117	11.63918	.0019586	.0000511	-.000005	4.917979

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002986	11.96619	.0002271	-.000085	-.077995	-.001401	-.000395
Stddev	.0002572	.07740	.0003551	.000144	.013304	.001962	.000244
%RSD	86.12783	.6468104	156.3489	170.4024	17.05687	140.0392	61.73279
#1	.0000810	11.88475	.0002130	-.000251	-.066985	-.003130	-.000222
#2	.0002324	12.03878	-.000121	-.000015	-.074222	-.001803	-.000674
#3	.0005825	11.97504	.000589	.000012	-.092778	.000731	-.000289

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0642101	-.007529	-.000194	-.002762	-.000094	-.004882	.0023886
Stddev	.0292153	.000939	.000310	.000163	.000314	.007388	.0009969
%RSD	45.49948	12.47280	159.4175	5.905690	334.2187	151.3350	41.73541
#1	.0864314	-.006523	-.000510	-.002574	-.000052	-.012194	.0028604
#2	.0311178	-.007681	.000110	-.002863	.000197	.002579	.0012434
#3	.0750811	-.008383	-.000183	-.002850	-.000427	-.005030	.0030619

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: ICSADLX20 Acquired: 4/30/2025 17:09:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	-.002352	-.005505	.0000243
Stddev	.002967	.001026	.0000528
%RSD	126.1651	18.63993	216.7402
#1	-.003232	-.004560	.0000829
#2	-.004779	-.006596	-.000020
#3	.000956	-.005357	.000010

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3145.647	75115.37	12156.91	2067.000	5004.474
Stddev	2.082	91.41	106.92	17.252	6.948
%RSD	.0661839	.1216944	.8795254	.8346306	.1388265
#1	3148.051	75051.95	12270.31	2047.699	5010.752
#2	3144.455	75074.01	12057.92	2072.379	5005.661
#3	3144.435	75220.15	12142.51	2080.921	4997.010

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: ICSABDLX20 Acquired: 4/30/2025 17:13:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0043409	.0053210	.0021443	-.001408	.0316000	11.16640	.0239125
Stddev	.0006479	.0013069	.0011258	.002900	.0022788	.06379	.0015337
%RSD	14.92432	24.56011	52.50040	206.0174	7.211498	.5712550	6.413653
#1	.0040290	.0061693	.0033346	-.004717	.0293632	11.12170	.0236153
#2	.0050857	.0059778	.0010967	-.000199	.0315182	11.13806	.0225492
#3	.0039079	.0038161	.0020015	.000692	.0339187	11.23945	.0255730

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0259671	.0538927	11.33669	.0306572	.0257468	.0271026	4.688285
Stddev	.0001255	.0003646	.08872	.0001545	.0000369	.0001934	.031358
%RSD	.4831823	.6765961	.7825754	.5038782	.1434386	.7135019	.6688574
#1	.0258324	.0536023	11.28272	.0306889	.0257512	.0272445	4.658650
#2	.0259882	.0543019	11.28827	.0304893	.0257079	.0271810	4.685084
#3	.0260807	.0537738	11.43908	.0307933	.0257814	.0268823	4.721120

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0238557	11.61952	.0530314	.0092938	-.024545	.0246897	.0528129
Stddev	.0003698	.11433	.0003704	.0001318	.009074	.0004862	.0002250
%RSD	1.550197	.9839063	.6984781	1.417736	36.97116	1.969065	.4260782
#1	.0235142	11.55256	.0526344	.0092793	-.019105	.0244951	.0528210
#2	.0238044	11.55447	.0533678	.0091699	-.019508	.0252430	.0530338
#3	.0242485	11.75153	.0530919	.0094322	-.035020	.0243310	.0525840

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1155348	.0402823	.0532337	.0698735	.0498957	.0463442	.0045197
Stddev	.0118950	.0008950	.0006823	.0006582	.0011474	.0049739	.0042228
%RSD	10.29556	2.221769	1.281668	.9419475	2.299520	10.73251	93.43046
#1	.1118476	.0396313	.0526330	.0698111	.0488832	.0512021	.0039278
#2	.1288367	.0399127	.0539755	.0705606	.0511419	.0465685	.0006241
#3	.1059200	.0413029	.0530926	.0692487	.0496620	.0412619	.0090072

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: ICSABDLX20 Acquired: 4/30/2025 17:13:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0162007	-.003130	.0003853
Stddev	.0022129	.000234	.0001175
%RSD	13.65944	7.489886	30.48494
#1	.0164485	-.002981	.0005187
#2	.0182793	-.003401	.0003393
#3	.0138743	-.003009	.0002977

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3150.493	75465.84	12014.70	2057.657	4990.776
Stddev	14.354	286.52	30.26	3.751	16.953
%RSD	.4555981	.3796651	.2518724	.1822850	.3396844
#1	3140.152	75337.18	12031.00	2060.354	4983.122
#2	3166.881	75266.21	12033.31	2053.373	5010.206
#3	3144.447	75794.14	11979.78	2059.242	4979.000

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: CCV01 Acquired: 4/30/2025 17:27:38 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	4.997317	5.238501	5.061511	5.010407	4.974855	9.837529	9.809652
Stddev	.012677	.008630	.016218	.008105	.003730	.036609	.086178
%RSD	.2536747	.1647381	.3204196	.1617688	.0749705	.3721388	.8785046
#1	5.011559	5.248463	5.076832	5.016761	4.973108	9.879791	9.879270
#2	4.987266	5.233735	5.063178	5.001279	4.972320	9.817237	9.713267
#3	4.993126	5.233306	5.044524	5.013182	4.979138	9.815559	9.836420

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2391591	2.528108	24.27469	1.019738	2.510098	1.254908	5.128783
Stddev	.0015572	.016447	.09835	.001729	.010259	.003319	.019911
%RSD	.6511181	.6505673	.4051434	.1695897	.4087187	.2644595	.3882254
#1	.2405652	2.546232	24.38029	1.018348	2.521639	1.257732	5.109096
#2	.2394265	2.523960	24.25807	1.021675	2.506643	1.255739	5.128342
#3	.2374854	2.514131	24.18572	1.019192	2.502012	1.251253	5.148911

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.429048	24.10463	2.516198	1.245530	25.41261	2.454782	2.505368
Stddev	.007593	.12567	.011975	.002986	.21780	.007211	.005747
%RSD	.3125973	.5213660	.4759054	.2397680	.8570437	.2937617	.2293761
#1	2.437621	24.23777	2.528168	1.245987	25.18854	2.461572	2.506261
#2	2.426350	24.08804	2.516209	1.248262	25.42576	2.455560	2.510616
#3	2.423172	23.98807	2.504218	1.242342	25.62354	2.447213	2.499227

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.67301	4.704640	5.047596	5.067570	4.915216	5.113063	4.874497
Stddev	.21467	.038141	.004339	.025173	.009166	.032297	.017726
%RSD	.8361546	.8107057	.0859526	.4967495	.1864837	.6316566	.3636512
#1	25.44214	4.740123	5.052572	5.094614	4.925495	5.077818	4.892957
#2	25.71032	4.709492	5.044610	5.063276	4.907890	5.120130	4.872923
#3	25.86659	4.664306	5.045605	5.044821	4.912264	5.141242	4.857610

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: CCV01 Acquired: 4/30/2025 17:27:38 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	4.953110	4.839831	4.915972
Stddev	.025995	.013343	.081349
%RSD	.5248290	.2756892	1.654797
#1	4.978948	4.846346	4.837180
#2	4.953423	4.824482	4.999657
#3	4.926960	4.848664	4.911077

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3085.681	76325.76	12323.76	2037.097	4749.285
Stddev	7.404	164.99	116.00	5.230	22.033
%RSD	.2399388	.2161614	.9412811	.2567227	.4639300
#1	3078.608	76285.09	12208.07	2034.101	4724.726
#2	3085.058	76184.92	12323.15	2034.055	4755.810
#3	3093.376	76507.29	12440.07	2043.136	4767.319

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: CCB01 Acquired: 4/30/2025 17:38:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001991	-.000491	.0007135	-.003757	.0002464	-.009020	.0049998
Stddev	.002655	.000360	.0007305	.005312	.0001675	.005965	.0012723
%RSD	133.3513	73.39128	102.3912	141.4059	67.97816	66.12919	25.44619
#1	.001069	-.000840	.0005172	-.000364	.0001781	-.013046	.0063175
#2	-.003677	-.000121	.0015221	-.009879	.0004373	-.002167	.0037784
#3	-.003365	-.000510	.0001011	-.001028	.0001239	-.011845	.0049035

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000519	.0000370	.0040588	-.001069	-.000010	.0000386	-.006917
Stddev	.0000830	.0000832	.0160420	.000147	.000084	.0002779	.003350
%RSD	159.8306	224.5451	395.2434	13.73261	835.6409	719.6841	48.43235
#1	.0000613	.0000961	-.013005	-.001097	.000073	-.000270	-.008069
#2	-.000035	-.000058	.018833	-.000911	-.000096	.000270	-.003143
#3	.000130	.000073	.006348	-.001201	-.000007	.000116	-.009539

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001796	-.012594	.0000144	-.000310	-.076572	-.000037	-.000528
Stddev	.0005112	.004272	.0002833	.000172	.007453	.001830	.000053
%RSD	284.7138	33.91911	1968.088	55.50661	9.733505	4967.440	10.06730
#1	-.000290	-.010806	-.000183	-.000341	-.068731	-.002060	-.000590
#2	.000105	-.017470	.000339	-.000124	-.083565	.000448	-.000500
#3	.000724	-.009507	-.000113	-.000464	-.077420	.001502	-.000495

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0635860	-.002996	-.000157	-.001700	.0007556	.0011355	.0003068
Stddev	.0160470	.000578	.000128	.000320	.0003292	.0089751	.0023074
%RSD	25.23673	19.30897	81.47993	18.83204	43.56437	790.3868	752.0615
#1	.0516655	-.003023	-.000013	-.002053	.0004531	.0096541	-.002338
#2	.0572608	-.002404	-.000201	-.001616	.0007075	.0019878	.001353
#3	.0818318	-.003560	-.000256	-.001430	.0011062	-.008235	.001906

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: CCB01 Acquired: 4/30/2025 17:38:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004789	-.004891	.0000539
Stddev	.003458	.000768	.0000736
%RSD	72.21143	15.69309	136.5749
#1	-.005275	-.005730	.0000154
#2	-.001114	-.004718	.0001387
#3	-.007979	-.004224	.0000075

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3184.283	76020.46	11144.07	2087.714	5116.869
Stddev	9.179	356.18	30.32	6.421	22.378
%RSD	.2882474	.4685361	.2720304	.3075800	.4373316
#1	3194.695	75801.39	11143.32	2081.978	5141.710
#2	3180.788	75828.54	11174.76	2086.513	5098.289
#3	3177.365	76431.44	11114.15	2094.651	5110.607

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: PB167758BL Acquired: 4/30/2025 17:43:21 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0010369	-.000793	.0011620	-.005094	.0011259	-.006722	.0034815
Stddev	.0015898	.002634	.0002175	.001736	.0019448	.007793	.0014067
%RSD	153.3288	332.1777	18.71885	34.08435	172.7241	115.9260	40.40380
#1	.0023838	-.003785	.0009130	-.003139	.0030263	-.000438	.0045143
#2	.0014436	.001181	.0012576	-.005687	-.000860	-.004287	.0018794
#3	-.000717	.000225	.0013152	-.006456	.001212	-.015442	.0040509

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000052	-.000066	.0070808	-.000375	-.000184	-.000256	.0027676
Stddev	.0000269	.000112	.0073101	.000218	.000305	.000301	.0032429
%RSD	513.2796	171.1126	103.2378	58.00682	166.2380	117.7926	117.1709
#1	-.000016	.000024	.0112746	-.000126	-.000206	-.000543	.0003096
#2	-.000004	-.000030	.0113279	-.000472	-.000477	.000057	.0015503
#3	.000036	-.000192	-.001360	-.000527	.000132	-.000281	.0064430

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003200	.0049816	.0001162	-.000256	-.067935	.0003522	-.000938
Stddev	.0004438	.0042006	.0001598	.000179	.014480	.0007176	.000199
%RSD	138.6711	84.32266	137.5016	70.13988	21.31382	203.7337	21.26130
#1	.0008196	.0072138	.0001412	-.000243	-.057226	-.000399	-.000820
#2	.0001691	.0001361	.0002620	-.000083	-.084409	.001030	-.000826
#3	-.000029	.0075948	-.000055	-.000441	-.062170	.000426	-.001168

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0429992	-.005038	-.000227	-.002294	.0004513	-.001911	.0017860
Stddev	.0099112	.000458	.000093	.000411	.0008450	.012851	.0014165
%RSD	23.04968	9.084867	40.87056	17.89357	187.2422	672.3231	79.31222
#1	.0463081	-.004518	-.000152	-.002166	.0004572	.011698	.0031620
#2	.0508325	-.005382	-.000198	-.001964	.0012934	-.003596	.0003322
#3	.0318568	-.005214	-.000330	-.002754	-.000397	-.013837	.0018638

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: PB167758BL Acquired: 4/30/2025 17:43:21 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	-.003447	-.005039	-.000082
Stddev	.003231	.000319	.000076
%RSD	93.72697	6.338649	92.33040
#1	-.000409	-.005097	-.000165
#2	-.003092	-.005326	-.000017
#3	-.006841	-.004695	-.000064

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3175.136	75004.02	11493.90	2096.344	5094.719
Stddev	7.910	19.44	58.66	7.827	12.287
%RSD	.2491155	.0259142	.5103780	.3733779	.2411662
#1	3169.478	74988.37	11447.27	2103.830	5087.213
#2	3184.174	75025.78	11474.67	2088.215	5108.898
#3	3171.755	74997.92	11559.77	2096.988	5088.045

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: PB167758BS Acquired: 4/30/2025 17:47:40 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.7905304	2.118412	1.011173	1.973581	.8088441	1.876484
Stddev	.0016260	.006780	.004390	.007902	.0029626	.010064
%RSD	.2056841	.3200355	.4341264	.4003747	.3662729	.5363339
#1	.7895376	2.113819	1.006176	1.981890	.8122304	1.887044
#2	.7896468	2.115219	1.012936	1.966162	.8075714	1.875404
#3	.7924069	2.126199	1.014408	1.972691	.8067307	1.867002

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1847159	.2096765	.2058778	1.006868	.4126433	.1968060
Stddev	.0006015	.0001818	.0003781	.008585	.0017256	.0003173
%RSD	.3256078	.0867125	.1836392	.8526417	.4181822	.1612195
#1	.1854088	.2098388	.2054587	1.016708	.4109206	.1965683
#2	.1844106	.2094801	.2061931	1.000906	.4143718	.1971663
#3	.1843283	.2097108	.2059817	1.002990	.4126376	.1966832

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2977850	2.845593	.1957928	1.940559	.4994762	.0754667
Stddev	.0004889	.021873	.0010768	.019851	.0018685	.0002225
%RSD	.1641678	.7686733	.5499601	1.022945	.3740972	.2948211
#1	.2975104	2.828898	.1969822	1.961833	.4973419	.0755850
#2	.2974952	2.870354	.1948842	1.922531	.5008169	.0752101
#3	.2983494	2.837527	.1955121	1.937313	.5002698	.0756051

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.430504	.2857401	.2228427	9.051442	.3007470	.4086499
Stddev	.008839	.0016435	.0011639	.052150	.0003084	.0005425
%RSD	.3636621	.5751649	.5223150	.5761551	.1025623	.1327453
#1	2.420384	.2876345	.2232865	8.999311	.3010868	.4088640
#2	2.436709	.2846953	.2215221	9.103612	.3006696	.4080331
#3	2.434419	.2848906	.2237194	9.051403	.3004846	.4090527

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: PB167758BS Acquired: 4/30/2025 17:47:40 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.7289604	.1942723	F .7922737	6.187447	F -.010906	.1847546
Stddev	.0009869	.0009824	.0072594	.010168	.006656	.0008251
%RSD	.1353783	.5056832	.9162739	.1643269	61.03018	.4466085
#1	.7281168	.1936807	.7852117	6.195806	-.012595	.1852774
#2	.7300457	.1937299	.7997156	6.190405	-.003568	.1838034
#3	.7287189	.1954063	.7918938	6.176128	-.016554	.1851829

Elem	Sr4077
Units	ppm
Avg	.1865917
Stddev	.0003211
%RSD	.1720941
#1	.1866117
#2	.1869023
#3	.1862610

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3128.755	74815.29	11098.65	2086.107	4900.563
Stddev	6.460	200.49	22.50	9.809	14.707
%RSD	.2064844	.2679748	.2027712	.4702012	.3001007
#1	3125.185	75024.86	11073.86	2097.429	4908.698
#2	3124.868	74625.32	11104.30	2080.190	4883.586
#3	3136.213	74795.70	11117.80	2080.701	4909.405

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1833-02 Acquired: 4/30/2025 17:51:45 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	-.001867	-.006462	.0044076	-.000069	.0033543	.0707011	.0091981
Stddev	.003463	.001877	.0006339	.001640	.0015174	.0045159	.0008975
%RSD	185.4541	29.04720	14.38270	2364.355	45.23672	6.387295	9.756947
#1	-.001029	-.004295	.0044921	.001450	.0046850	.0743221	.0098589
#2	-.005673	-.007508	.0049951	.000149	.0017019	.0721402	.0095592
#3	.001100	-.007583	.0037357	-.001807	.0036760	.0656411	.0081764

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000126	-.000027	8.337216	-.000384	-.000167	.4041420	.2317862
Stddev	.000004	.000048	.027205	.000625	.000244	.0009470	.0010747
%RSD	3.151990	178.6402	.3263054	162.8677	145.9342	.2343207	.4636689
#1	-.000122	-.000059	8.350191	-.001099	-.000340	.4050803	.2306096
#2	-.000125	.000028	8.355504	-.000109	-.000272	.4041590	.2320329
#3	-.000130	-.000049	8.305953	.000057	.000112	.4031866	.2327161

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0183919	2.675606	.0006980	-.000521	24.61513	-.001174	.1630234
Stddev	.0003083	.014516	.0003988	.000106	.21180	.001839	.0012688
%RSD	1.676494	.5425492	57.13849	20.28102	.8604640	156.6836	.7782948
#1	.0187344	2.692165	.0005087	-.000557	24.57229	.000702	.1616021
#2	.0181365	2.665073	.0004290	-.000402	24.42802	-.002974	.1634260
#3	.0183049	2.669579	.0011562	-.000604	24.84508	-.001250	.1640420

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.67896	.0023565	-.000016	-.000541	.0010523	1.925815	1.106257
Stddev	.13099	.0009770	.000231	.001045	.0001757	.015361	.011857
%RSD	.6334627	41.46093	1476.599	192.9752	16.69455	.7976337	1.071823
#1	20.57143	.0020807	-.000278	-.001523	.0012210	1.935973	1.118666
#2	20.64059	.0034417	.000076	.000557	.0008704	1.908143	1.105061
#3	20.82485	.0015470	.000156	-.000658	.0010656	1.933328	1.095042

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1833-02 Acquired: 4/30/2025 17:51:45 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	3.588278	-.008549	.0228255
Stddev	.019856	.000730	.0001410
%RSD	.5533612	8.542115	.6175250
#1	3.589240	-.008358	.0228969
#2	3.607635	-.009356	.0229164
#3	3.567958	-.007934	.0226631

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3079.923	74683.80	10567.78	2025.735	4854.605
Stddev	10.894	251.99	53.62	4.735	23.824
%RSD	.3536955	.3374077	.5073742	.2337504	.4907534
#1	3074.506	74700.64	10543.95	2022.945	4843.493
#2	3072.800	74926.94	10530.21	2031.202	4838.368
#3	3092.463	74423.81	10629.18	2023.058	4881.956

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1836-01 Acquired: 4/30/2025 17:56:01 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	-.000151	-.004983	.0027200	.0057543	.0023696	.0100466	.0250432
Stddev	.002460	.002026	.0021424	.0034246	.0009874	.0051456	.0012656
%RSD	1630.628	40.66656	78.76541	59.51295	41.66710	51.21706	5.053477
#1	.002592	-.002693	.0051060	.0073960	.0031673	.0111136	.0238984
#2	-.002161	-.005710	.0020931	.0018180	.0012653	.0145750	.0248291
#3	-.000884	-.006546	.0009610	.0080489	.0026763	.0044512	.0264022

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000100	-.000081	12.37675	-.000271	-.000427	.0820993	.0442924
Stddev	.000067	.000137	.02125	.000360	.000158	.0001571	.0074224
%RSD	66.56667	168.1736	.1716537	132.6081	36.96292	.1913391	16.75774
#1	-.000097	-.000010	12.37547	-.000450	-.000259	.0822521	.0520333
#2	-.000169	-.000239	12.39860	-.000507	-.000451	.0819382	.0372359
#3	-.000035	.000005	12.35617	.000143	-.000572	.0821076	.0436080

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0740093	3.630924	.0055324	.0014173	21.36254	-.000748	.0303078
Stddev	.0003517	.014238	.0002636	.0000284	.19494	.000466	.0005399
%RSD	.4751423	.3921214	4.763901	1.999991	.9125444	62.26000	1.781511
#1	.0736064	3.620002	.0055665	.0014500	21.35863	-.001085	.0298666
#2	.0742544	3.625744	.0057773	.0014029	21.55941	-.000942	.0309099
#3	.0741671	3.647027	.0052535	.0013992	21.16958	-.000217	.0301470

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.309797	.0007253	.0000968	-.001526	.0003514	1.319547	.6469763
Stddev	.047551	.0005387	.0000628	.000969	.0005202	.010693	.0055295
%RSD	3.630395	74.27710	64.81649	63.46911	148.0435	.8103756	.8546667
#1	1.356006	.0002207	.0001026	-.001863	.0005971	1.321534	.6467215
#2	1.261009	.0006625	.0000314	-.000434	.0007031	1.329107	.6526287
#3	1.312377	.0012926	.0001565	-.002281	-.000246	1.308000	.6415785

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1836-01 Acquired: 4/30/2025 17:56:01 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	4.006318	-.008203	.0407864
Stddev	.006448	.000566	.0000911
%RSD	.1609433	6.897491	.2232969
#1	4.011146	-.007673	.0406860
#2	3.998995	-.008137	.0408638
#3	4.008812	-.008799	.0408092

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3153.067	75107.17	11324.32	2070.993	4987.434
Stddev	8.166	692.59	23.11	22.188	16.454
%RSD	.2589769	.9221412	.2041036	1.071358	.3299100
#1	3149.374	75127.90	11333.53	2075.201	4974.203
#2	3162.426	74404.44	11298.02	2047.002	5005.858
#3	3147.399	75789.17	11341.40	2090.775	4982.240

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1836-02 Acquired: 4/30/2025 18:00:19 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	-.003080	-.005811	.0037249	-.001597	.0037572	.0737374	.0218088
Stddev	.001550	.000470	.0017939	.002680	.0001644	.0033916	.0009306
%RSD	50.32518	8.080868	48.15836	167.7663	4.375498	4.599579	4.267204
#1	-.002099	-.006025	.0016777	-.000540	.0039445	.0749450	.0219605
#2	-.002275	-.005273	.0044754	-.004645	.0036368	.0763600	.0226542
#3	-.004868	-.006136	.0050217	.000393	.0036903	.0699073	.0208116

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000143	-.000045	12.08451	.0007830	.0019668	.2187103	.1118079
Stddev	.000036	.000059	.02378	.0003737	.0003164	.0011823	.0026198
%RSD	25.40130	133.3192	.1968109	47.72477	16.08804	.5405776	2.343107
#1	-.000133	-.000064	12.05889	.0004428	.0022580	.2173881	.1146866
#2	-.000183	.000022	12.10589	.0011830	.0020123	.2196657	.1111735
#3	-.000113	-.000092	12.08874	.0007232	.0016301	.2190773	.1095635

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0396279	3.458679	.0143901	.0084370	22.23352	-.000217	.1048917
Stddev	.0002890	.026335	.0002652	.0003074	.25641	.001379	.0009121
%RSD	.7292543	.7614241	1.842764	3.643925	1.153253	635.7348	.8695839
#1	.0396250	3.429253	.0144849	.0087759	22.38639	-.000061	.1044844
#2	.0399184	3.480036	.0145949	.0083592	22.37668	-.001667	.1042542
#3	.0393404	3.466749	.0140906	.0081760	21.93750	.001077	.1059365

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.717713	.0007867	.0004563	.0038050	.0008286	1.511705	1.394902
Stddev	.011020	.0000944	.0001313	.0005217	.0007271	.021167	.004885
%RSD	.6415470	11.99771	28.78183	13.71043	87.74624	1.400198	.3501924
#1	1.729110	.0006874	.0003502	.0033831	.0004532	1.531106	1.397309
#2	1.707113	.0007973	.0004154	.0043883	.0016667	1.514879	1.389281
#3	1.716916	.0008753	.0006032	.0036435	.0003660	1.489131	1.398116

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1836-02 Acquired: 4/30/2025 18:00:19 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	4.018698	-.008319	.0400815
Stddev	.017464	.000860	.0002045
%RSD	.4345684	10.33967	.5101348
#1	4.010422	-.008545	.0403120
#2	4.006909	-.009043	.0399220
#3	4.038761	-.007368	.0400104

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3068.587	73654.17	11184.81	2030.270	4829.947
Stddev	6.331	284.44	35.48	9.053	14.289
%RSD	.2063281	.3861874	.3172557	.4458775	.2958317
#1	3075.223	73628.09	11220.99	2038.379	4845.944
#2	3067.927	73383.67	11183.39	2031.929	4825.443
#3	3062.612	73950.76	11150.07	2020.503	4818.453

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1836-03 Acquired: 4/30/2025 18:04:37 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	-.002002	-.003326	.0021228	-.004615	.0030505	.0220724	.0239082
Stddev	.001347	.000738	.0012108	.004468	.0007384	.0066886	.0012458
%RSD	67.26515	22.19273	57.03986	96.81098	24.20426	30.30316	5.210913
#1	-.000451	-.003362	.0008722	-.008439	.0023088	.0284389	.0224867
#2	-.002875	-.002571	.0022067	-.005702	.0030573	.0151025	.0244275
#3	-.002681	-.004046	.0032894	.000296	.0037855	.0226759	.0248103

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000103	-.000042	11.16474	-.000848	.0000898	.1058090	.1482195
Stddev	.000022	.000125	.02216	.000156	.0002029	.0005273	.0019410
%RSD	21.56749	296.0617	.1984599	18.39405	225.9473	.4983726	1.309518
#1	-.000127	-.000185	11.15259	-.000850	.0002155	.1052117	.1459783
#2	-.000097	.000044	11.15132	-.000691	.0001981	.1060054	.1493570
#3	-.000084	.000015	11.19032	-.001004	-.000144	.1062100	.1493231

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0251313	3.179909	.0091122	.0016041	17.92583	-.000606	.0505885
Stddev	.0003439	.028245	.0002066	.0001906	.24608	.001437	.0003080
%RSD	1.368573	.8882281	2.267543	11.88200	1.372783	237.1194	.6089065
#1	.0247377	3.164063	.0091565	.0014800	17.79633	-.002094	.0502790
#2	.0253741	3.212520	.0092930	.0015088	17.77154	-.000498	.0505915
#3	.0252822	3.163146	.0088870	.0018236	18.20962	.000774	.0508950

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.222054	-.000433	.0003000	.0009355	.0008574	1.260428	.7372185
Stddev	.030276	.000651	.0001593	.0007902	.0003196	.015153	.0043297
%RSD	2.477498	150.3621	53.10833	84.46312	37.27450	1.202249	.5873025
#1	1.196818	-.001184	.0003876	.0002359	.0009243	1.247083	.7413640
#2	1.213719	-.000020	.0001161	.0007780	.0011382	1.257298	.7327255
#3	1.255625	-.000095	.0003963	.0017925	.0005096	1.276902	.7375660

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1836-03 Acquired: 4/30/2025 18:04:37 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	3.333867	-.008610	.0366094
Stddev	.011564	.001012	.0002476
%RSD	.3468636	11.75815	.6763511
#1	3.345999	-.009003	.0368355
#2	3.332632	-.009367	.0363448
#3	3.322970	-.007460	.0366478

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3159.497	76027.26	10947.41	2109.814	4980.517
Stddev	2.989	1202.50	61.09	34.249	3.805
%RSD	.0946129	1.581664	.5580419	1.623299	.0763877
#1	3158.813	77262.38	11016.57	2139.464	4982.978
#2	3162.769	75959.10	10900.78	2117.651	4982.437
#3	3156.910	74860.29	10924.90	2072.325	4976.135

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1836-04 Acquired: 4/30/2025 18:08:55 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	-.001688	-.004507	.0084643	-.008418	.0007184	.0423339	.0387725
Stddev	.003950	.002768	.0002611	.002306	.0018637	.0013586	.0008467
%RSD	234.0341	61.41760	3.084488	27.39819	259.4267	3.209246	2.183760
#1	-.005180	-.005232	.0083410	-.005771	.0002065	.0407683	.0395613
#2	.002600	-.006841	.0087642	-.009485	-.000836	.0430297	.0388784
#3	-.002484	-.001449	.0082878	-.009997	.002785	.0432036	.0378779

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000054	-.000054	20.79318	.0001767	-.000266	.1588967	.2064992
Stddev	.000029	.000016	.08908	.0000826	.000162	.0006838	.0022148
%RSD	54.16606	30.37795	.4284177	46.74851	60.79234	.4303763	1.072553
#1	-.000082	-.000035	20.86017	.0001703	-.000112	.1589759	.2052434
#2	-.000058	-.000061	20.82729	.0002622	-.000251	.1581766	.2090565
#3	-.000023	-.000065	20.69209	.0000974	-.000435	.1595374	.2051976

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0409996	5.956019	.0088537	.0039371	35.95026	.0004314	.0704049
Stddev	.0004275	.070048	.0002428	.0002502	.47547	.0010455	.0007339
%RSD	1.042705	1.176091	2.742573	6.355377	1.322589	242.3437	1.042365
#1	.0409355	6.028827	.0087778	.0039369	35.73067	.0005996	.0698752
#2	.0414555	5.950127	.0086578	.0041874	36.49584	-.000688	.0712426
#3	.0406078	5.889103	.0091254	.0036869	35.62426	.001383	.0700968

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.992461	.0043572	.0006057	-.000118	.0019996	2.435439	1.323269
Stddev	.003862	.0001835	.0001390	.000675	.0008112	.028257	.004388
%RSD	.1938428	4.211182	22.94566	569.8188	40.56717	1.160245	.3315678
#1	1.995387	.0041671	.0007306	.000646	.0029273	2.408959	1.325198
#2	1.993913	.0045333	.0006305	-.000369	.0016472	2.465188	1.326363
#3	1.988083	.0043712	.0004560	-.000632	.0014242	2.432169	1.318248

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1836-04 Acquired: 4/30/2025 18:08:55 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	6.701135	-.009114	.0687835
Stddev	.020655	.000462	.0003405
%RSD	.3082365	5.069574	.4949588
#1	6.683014	-.009165	.0687558
#2	6.696764	-.009548	.0691369
#3	6.723625	-.008628	.0684577

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3064.245	73468.83	11145.24	2042.642	4744.359
Stddev	5.984	233.95	55.08	7.047	8.830
%RSD	.1952882	.3184363	.4942432	.3450078	.1861102
#1	3057.828	73536.28	11098.15	2048.220	4736.010
#2	3065.234	73208.56	11205.82	2034.722	4743.466
#3	3069.673	73661.64	11131.76	2044.984	4753.602

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1836-04DUP Acquired: 4/30/2025 18:13:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	-.004174	-.003685	.0054056	.0013896	.0018748	.0453685	.0395102
Stddev	.000485	.002601	.0013472	.0062806	.0015132	.0052183	.0001065
%RSD	11.61113	70.58068	24.92244	451.9692	80.71048	11.50211	.2694412
#1	-.003815	-.004101	.0042007	.0002408	.0036158	.0513933	.0394975
#2	-.003981	-.000901	.0068602	.0081653	.0011319	.0424425	.0396225
#3	-.004725	-.006052	.0051559	-.004237	.0008767	.0422698	.0394107

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000778	.0001859	21.34491	.0018175	.0000084	.1667205	.2217752
Stddev	.0000428	.0001159	.02921	.0003176	.0001480	.0005202	.0009270
%RSD	55.01485	62.37108	.1368554	17.47340	1760.932	.3120291	.4179713
#1	.0000587	.0000629	21.33833	.0016392	-.000146	.1672750	.2214753
#2	.0000479	.0002017	21.31955	.0016292	.000022	.1662432	.2210354
#3	.0001269	.0002931	21.37685	.0021842	.000149	.1666434	.2228150

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0423410	6.065123	.0113463	.0047818	36.88441	.0012999	.0720343
Stddev	.0002866	.026163	.0002911	.0000322	.28483	.0008980	.0005607
%RSD	.6768603	.4313665	2.565787	.6740524	.7722357	69.08071	.7783427
#1	.0423036	6.041027	.0116743	.0048006	37.18535	.0023365	.0714023
#2	.0420750	6.092952	.0112460	.0048002	36.61901	.0008033	.0724718
#3	.0426445	6.061389	.0111185	.0047446	36.84886	.0007599	.0722290

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.072193	.0044141	.0008320	.0004807	.0014076	2.498406	1.368331
Stddev	.029257	.0005789	.0001093	.0010946	.0006166	.015501	.007553
%RSD	1.411864	13.11410	13.14020	227.7042	43.80338	.6204528	.5520185
#1	2.105700	.0048910	.0008864	.0017437	.0017996	2.515643	1.373004
#2	2.059174	.0045813	.0009034	-.000193	.0017263	2.485608	1.359617
#3	2.051706	.0037700	.0007061	-.000109	.0006969	2.493968	1.372373

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1836-04DUP Acquired: 4/30/2025 18:13:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	6.839383	-.008560	.0706184
Stddev	.010304	.001826	.0004198
%RSD	.1506640	21.32969	.5944887
#1	6.844033	-.007302	.0710717
#2	6.827573	-.007725	.0702430
#3	6.846544	-.010654	.0705406

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3048.884	73397.66	11141.68	2041.560	4728.907
Stddev	14.036	159.02	60.76	3.872	24.535
%RSD	.4603515	.2166575	.5453161	.1896604	.5188320
#1	3033.966	73559.02	11211.71	2046.019	4702.646
#2	3061.828	73241.08	11103.02	2039.615	4751.242
#3	3050.858	73392.87	11110.30	2039.046	4732.832

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1836-04LX5 Acquired: 4/30/2025 18:17:29 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0013303	-.002734	.0033679	-.004066	.0039697	.0014410	.0124494
Stddev	.0034488	.001227	.0011216	.002601	.0007058	.0021353	.0011147
%RSD	259.2419	44.88688	33.30274	63.97228	17.78029	148.1815	8.953562
#1	.0028143	-.002296	.0026609	-.003242	.0043445	.0038890	.0114096
#2	.0037888	-.001786	.0046611	-.006980	.0031556	.0004715	.0123125
#3	-.002612	-.004120	.0027817	-.001977	.0044091	-.000038	.0136262

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000920	.0001063	4.332993	-.000191	-.000077	.0342252	.0746979
Stddev	.0000097	.0000318	.021265	.000062	.000200	.0004629	.0033634
%RSD	10.53578	29.89053	.4907738	32.26072	260.5080	1.352350	4.502599
#1	.0000823	.0000698	4.347456	-.000191	-.000308	.0344373	.0785604
#2	.0000918	.0001278	4.342946	-.000253	.000044	.0336944	.0731173
#3	.0001017	.0001212	4.308576	-.000129	.000033	.0345441	.0724160

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091977	1.245139	.0020949	.0010782	6.524473	-.000628	.0173579
Stddev	.0001113	.013001	.0002616	.0004352	.052566	.000947	.0004756
%RSD	1.210445	1.044170	12.48757	40.36251	.8056693	150.6622	2.740056
#1	.0091075	1.259651	.0022964	.0015336	6.512740	-.000199	.0170487
#2	.0091635	1.234554	.0021891	.0010345	6.581914	-.001714	.0171195
#3	.0093221	1.241213	.0017992	.0006665	6.478766	.000028	.0179056

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5119433	-.005110	.0004553	-.000098	.0013623	.4788677	.3022283
Stddev	.0255452	.000103	.0004104	.000581	.0002705	.0092806	.0064833
%RSD	4.989847	2.009615	90.13868	589.9982	19.85770	1.938030	2.145155
#1	.4864762	-.005029	.0005278	.000299	.0011880	.4817609	.3089416
#2	.5375659	-.005077	.0000135	-.000765	.0012249	.4684851	.3017407
#3	.5117877	-.005226	.0008247	.000171	.0016739	.4863571	.2960026

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1836-04LX5 Acquired: 4/30/2025 18:17:29 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	1.367195	-.005252	.0140131
Stddev	.011128	.001965	.0001947
%RSD	.8139491	37.42218	1.389517
#1	1.378606	-.004962	.0141893
#2	1.366606	-.003447	.0140460
#3	1.356373	-.007346	.0138041

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3202.656	75015.95	10809.87	2101.624	5021.100
Stddev	4.462	277.97	8.47	2.719	18.271
%RSD	.1393240	.3705420	.0783909	.1293811	.3638797
#1	3198.533	75298.08	10800.09	2099.964	5007.889
#2	3207.393	74742.34	10814.37	2100.147	5041.951
#3	3202.042	75007.44	10815.14	2104.762	5013.460

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: CCV02 Acquired: 4/30/2025 18:30:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	4.819340	5.180175	5.075729	4.771478	4.768432	10.04937	9.940937
Stddev	.021458	.049565	.040665	.029133	.039717	.24839	.150971
%RSD	.4452485	.9568226	.8011663	.6105590	.8329155	2.471741	1.518677
#1	4.794804	5.123088	5.031263	4.739282	4.722625	9.91739	9.806802
#2	4.828612	5.205175	5.084897	4.796019	4.793269	10.33589	10.10443
#3	4.834602	5.212261	5.111028	4.779134	4.789402	9.89481	9.91158

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2613175	2.563408	25.40968	1.039487	2.513971	1.215793	5.015525
Stddev	.0057553	.020675	.66461	.003987	.018167	.010205	.025282
%RSD	2.202419	.8065340	2.615568	.3835751	.7226427	.8393745	.5040773
#1	.2572128	2.541472	25.09100	1.041487	2.494030	1.205050	5.031910
#2	.2678961	2.566216	26.17361	1.042079	2.518302	1.216970	5.028257
#3	.2588437	2.582535	24.96442	1.034896	2.529581	1.225358	4.986408

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.519312	25.75175	2.520061	1.253076	23.67208	2.538782	2.492345
Stddev	.058526	.66323	.020925	.005014	.16486	.064038	.005527
%RSD	2.323076	2.575465	.8303535	.4001698	.6964312	2.522376	.2217390
#1	2.491345	25.48619	2.497477	1.253030	23.78801	2.513564	2.488969
#2	2.586575	26.50661	2.523913	1.258113	23.74489	2.611589	2.498723
#3	2.480017	25.26246	2.538793	1.248085	23.48335	2.491192	2.489343

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.44098	5.072988	4.996845	5.119118	5.017071	4.912492	4.984734
Stddev	.17913	.112015	.029713	.039352	.117885	.048646	.053295
%RSD	.7328899	2.208065	.5946427	.7687297	2.349676	.9902532	1.069170
#1	24.58454	4.983374	4.963590	5.075680	4.958646	4.915620	4.926213
#2	24.49816	5.198568	5.006160	5.129285	5.152758	4.959498	4.997505
#3	24.24025	5.037020	5.020785	5.152389	4.939810	4.862357	5.030483

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: CCV02 Acquired: 4/30/2025 18:30:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	4.838824	4.803030	5.003540
Stddev	.044960	.112971	.066089
%RSD	.9291597	2.352082	1.320845
#1	4.789656	4.743962	4.927449
#2	4.848974	4.933290	5.036550
#3	4.877841	4.731838	5.046622

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3176.267	75540.13	11341.44	2056.425	4803.305
Stddev	20.016	342.13	238.18	8.192	36.425
%RSD	.6301811	.4529067	2.100080	.3983372	.7583371
#1	3196.366	75321.93	11495.84	2051.221	4839.632
#2	3176.100	75364.03	11067.14	2052.188	4803.501
#3	3156.334	75934.44	11461.36	2065.868	4766.782

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: CCB02 Acquired: 4/30/2025 18:35:46 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	-.000421	-.000194	.0016941	-.002937	.0017750	-.010519	.0051226
Stddev	.003392	.001745	.0004066	.001389	.0016983	.007090	.0004813
%RSD	804.7933	897.4043	24.00047	47.27993	95.68029	67.40710	9.395654
#1	-.003971	-.001794	.0014192	-.001894	.0016208	-.006709	.0052797
#2	.002787	.001666	.0015021	-.002403	.0001590	-.018699	.0055057
#3	-.000080	-.000456	.0021612	-.004513	.0035451	-.006147	.0045823

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000470	.0002924	.0068994	.0001956	.0001566	.0004585	-.004136
Stddev	.0000278	.0000954	.0028711	.0002503	.0001015	.0004150	.002828
%RSD	59.05179	32.62316	41.61429	127.9824	64.80848	90.52378	68.38156
#1	.0000467	.0003991	.0036692	.0000491	.0000459	.0001092	-.003105
#2	.0000194	.0002625	.0078683	.0000531	.0002453	.0009173	-.007335
#3	.0000750	.0002155	.0091608	.0004846	.0001786	.0003489	-.001968

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002622	-.009166	.0002736	-.000409	-.046054	.0008479	-.000218
Stddev	.000550	.012179	.0005290	.000219	.010265	.0009402	.000351
%RSD	20.98540	132.8632	193.3367	53.49454	22.28986	110.8848	160.9021
#1	-.002159	-.018123	-.000267	-.000573	-.047973	-.000176	-.000571
#2	-.003230	-.014078	.000790	-.000495	-.055225	.001046	-.000216
#3	-.002476	.004701	.000298	-.000161	-.034965	.001673	.000132

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1035947	.0037773	.0007423	.0199750	.0007035	-.001250	.0011919
Stddev	.0289786	.0009581	.0002197	.0004378	.0009024	.009522	.0027880
%RSD	27.97309	25.36438	29.59581	2.191755	128.2822	761.9304	233.9240
#1	.1102645	.0048739	.0008259	.0194805	-.000338	-.003424	-.001470
#2	.0718627	.0031025	.0004931	.0201312	.001196	.009171	.000954
#3	.1286569	.0033555	.0009080	.0203132	.001253	-.009496	.004091

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: CCB02 Acquired: 4/30/2025 18:35:46 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0000250	-.003648	.0006154
Stddev	.0018542	.000797	.0000803
%RSD	7401.236	21.83918	13.04974
#1	.0006029	-.003230	.0006148
#2	.0015215	-.003147	.0006960
#3	-.002049	-.004567	.0005354

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3177.948	75942.04	11206.47	2095.955	5067.547
Stddev	7.596	130.51	18.57	5.499	16.573
%RSD	.2390072	.1718574	.1656922	.2623557	.3270425
#1	3173.777	75986.76	11216.04	2090.511	5060.799
#2	3186.715	75795.04	11218.31	2095.847	5086.430
#3	3173.352	76044.31	11185.07	2101.507	5055.413

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1836-04MS Acquired: 4/30/2025 18:40:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.8301208	2.169322	1.066800	1.935594	.8378677	2.146013	.2474767
Stddev	.0010281	.018435	.001950	.007456	.0025574	.012090	.0010321
%RSD	.1238488	.8498234	.1828186	.3851883	.3052255	.5633879	.4170658
#1	.8295285	2.158310	1.064688	1.933974	.8364824	2.135832	.2465194
#2	.8313080	2.190605	1.068533	1.943726	.8408188	2.159376	.2485702
#3	.8295261	2.159052	1.067178	1.929082	.8363018	2.142831	.2473406

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2172018	.2209652	23.38903	.4673173	.2151868	.4830117	3.542120
Stddev	.0011125	.0006121	.04555	.0016895	.0011546	.0005102	.034351
%RSD	.5122044	.2769975	.1947456	.3615235	.5365667	.1056295	.9697940
#1	.2165293	.2212834	23.34629	.4653920	.2148500	.4835697	3.518609
#2	.2184860	.2213526	23.43695	.4685525	.2164723	.4828964	3.581542
#3	.2165902	.2202596	23.38386	.4680073	.2142379	.4825690	3.526209

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3198849	8.467897	.5472696	.0345858	42.92471	.3291335	.2898091
Stddev	.0012658	.045388	.0020927	.0003328	.25317	.0032557	.0002793
%RSD	.3957017	.5359993	.3823965	.9621145	.5897968	.9891607	.0963606
#1	.3184262	8.455790	.5478445	.0343300	42.63981	.3253970	.2894942
#2	.3205345	8.518111	.5490148	.0349620	43.12389	.3306432	.2899062
#3	.3206940	8.429791	.5449495	.0344655	43.01045	.3313602	.2900268

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.66827	.3119218	.4705664	.7930256	.2237183	3.587010	7.752421
Stddev	.09162	.0019143	.0011906	.0029029	.0016660	.029559	.041451
%RSD	.7232549	.6137037	.2530180	.3660550	.7446957	.8240626	.5346849
#1	12.57656	.3098038	.4706365	.7932725	.2219306	3.561592	7.758360
#2	12.75980	.3135285	.4717204	.7957971	.2239968	3.619447	7.790583
#3	12.66845	.3124331	.4693423	.7900071	.2252276	3.579991	7.708321

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1836-04MS Acquired: 4/30/2025 18:40:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	6.772848	.2014971	.2885866
Stddev	.027294	.0006394	.0012707
%RSD	.4029951	.3173264	.4403030
#1	6.776289	.2009163	.2876989
#2	6.798257	.2021823	.2900422
#3	6.743995	.2013927	.2880188

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3106.341	73053.76	11209.10	2015.080	4837.631
Stddev	2.389	250.77	41.51	9.341	10.395
%RSD	.0769231	.3432742	.3703084	.4635363	.2148777
#1	3103.621	73315.68	11230.54	2023.468	4827.450
#2	3108.101	72815.86	11161.25	2016.759	4837.215
#3	3107.302	73029.75	11235.49	2005.014	4848.228

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1836-04MSD Acquired: 4/30/2025 18:44:09 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.7694061	2.007211	.9883924	1.775991	.7689402	1.995343	.2230466
Stddev	.0060099	.021250	.0021536	.004523	.0003887	.010647	.0009915
%RSD	.7811067	1.058705	.2178851	.2546839	.0505514	.5335999	.4445485
#1	.7708337	2.028911	.9895510	1.780860	.7693272	1.983049	.2221586
#2	.7745737	2.006281	.9897186	1.775193	.7685498	2.001539	.2228648
#3	.7628110	1.986441	.9859076	1.771920	.7689438	2.001441	.2241165

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2145020	.2061298	21.60165	.4500759	.2000147	.4702538	3.084330
Stddev	.0017724	.0007421	.07963	.0026871	.0011587	.0010960	.013380
%RSD	.8262780	.3600200	.3686078	.5970266	.5792884	.2330570	.4338124
#1	.2142131	.2062247	21.52271	.4473731	.1999975	.4707471	3.076881
#2	.2128918	.2068199	21.60029	.4501078	.2011819	.4710163	3.099777
#3	.2164011	.2053448	21.68195	.4527469	.1988647	.4689978	3.076332

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.645194	7.922033	.5383708	.0391871	36.09858	.2998715	.2713700
Stddev	.005834	.076445	.0017314	.0002311	.08728	.0003613	.0021403
%RSD	.3545934	.9649656	.3215904	.5897863	.2417912	.1204671	.7886915
#1	1.643234	7.895132	.5372847	.0389357	36.05932	.3000189	.2696818
#2	1.640592	7.862675	.5403674	.0393903	36.19860	.2994599	.2737772
#3	1.651755	8.008292	.5374602	.0392352	36.03782	.3001358	.2706511

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.93502	.3069697	.4054467	.7246310	.2017859	3.119704	7.356610
Stddev	.01214	.0008371	.0005415	.0009168	.0007332	.010977	.029853
%RSD	.1109898	.2726872	.1335457	.1265195	.3633778	.3518509	.4057970
#1	10.92671	.3066332	.4059388	.7236193	.2011086	3.119903	7.373915
#2	10.94894	.3063533	.4055347	.7248668	.2016846	3.130581	7.373776
#3	10.92939	.3079227	.4048667	.7254069	.2025645	3.108630	7.322139

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1836-04MSD Acquired: 4/30/2025 18:44:09 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	6.572625	.1854711	.2604090
Stddev	.021444	.0001944	.0005222
%RSD	.3262592	.1047952	.2005207
#1	6.590045	.1854797	.2601667
#2	6.579154	.1852726	.2600520
#3	6.548676	.1856611	.2610083

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3073.740	73934.34	10547.73	2050.286	4751.335
Stddev	14.403	252.94	54.60	15.858	20.655
%RSD	.4685814	.3421131	.5176543	.7734540	.4347285
#1	3068.088	74226.32	10587.49	2065.906	4750.871
#2	3063.021	73782.37	10570.21	2034.200	4730.916
#3	3090.112	73794.32	10485.48	2050.752	4772.218

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1836-04A Acquired: 4/30/2025 18:48:11 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.7466975	1.972851	.9675601	1.746773	.7764362	1.964247	.2236889
Stddev	.0047679	.012014	.0021113	.009422	.0038662	.004760	.0003887
%RSD	.6385315	.6089919	.2182041	.5393677	.4979424	.2423408	.1737519
#1	.7498670	1.976980	.9694424	1.749076	.7788152	1.967748	.2234818
#2	.7490112	1.982257	.9652773	1.754829	.7785183	1.958827	.2234477
#3	.7412142	1.959316	.9679606	1.736413	.7719752	1.966167	.2241373

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2020283	.1990750	22.02861	.4192831	.1938994	.4404387	3.205608
Stddev	.0005435	.0004238	.02003	.0008099	.0000121	.0019076	.025769
%RSD	.2690257	.2128626	.0909194	.1931663	.0062369	.4331107	.8038727
#1	.2016833	.1993755	22.01990	.4201541	.1938955	.4406396	3.203655
#2	.2017468	.1992592	22.01440	.4191426	.1938898	.4422379	3.232298
#3	.2026548	.1985903	22.05151	.4185527	.1939130	.4384386	3.180872

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2398396	7.997802	.4937350	.0756651	38.26360	.2967698	.2728296
Stddev	.0007716	.028796	.0010624	.0006860	.15626	.0026246	.0005803
%RSD	.3217310	.3600503	.2151687	.9066738	.4083899	.8843889	.2126834
#1	.2400374	8.013914	.4948505	.0751391	38.42373	.2947364	.2734847
#2	.2389883	7.964556	.4927353	.0754150	38.11151	.2958404	.2723801
#3	.2404930	8.014935	.4936193	.0764410	38.25555	.2997327	.2726241

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.19527	.2876085	.4300331	.7240661	.2040716	3.257358	7.183736
Stddev	.02366	.0012752	.0020690	.0026347	.0012076	.011076	.033121
%RSD	.2113110	.4433872	.4811276	.3638738	.5917726	.3400196	.4610576
#1	11.18077	.2887864	.4319185	.7259170	.2030615	3.268030	7.209897
#2	11.18248	.2862543	.4303613	.7252316	.2037441	3.258126	7.194816
#3	11.22257	.2877848	.4278197	.7210496	.2054092	3.245918	7.146495

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1836-04A Acquired: 4/30/2025 18:48:11 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	6.396783	.1805219	.2609260
Stddev	.036996	.0015651	.0005686
%RSD	.5783504	.8669920	.2178971
#1	6.407044	.1812429	.2612999
#2	6.427565	.1787262	.2602717
#3	6.355740	.1815966	.2612063

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3128.815	74033.77	10912.04	2050.044	4870.095
Stddev	7.913	319.82	22.84	13.072	9.486
%RSD	.2528973	.4319987	.2093175	.6376466	.1947773
#1	3125.934	73718.90	10886.08	2036.012	4865.420
#2	3122.746	74024.09	10929.07	2052.240	4863.854
#3	3137.764	74358.33	10920.96	2061.878	4881.011

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: PB167757BL Acquired: 4/30/2025 18:52:14 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0021798	-.001347	.0003822	-.006821	.0004501	-.001825	.0061325
Stddev	.0012362	.000449	.0013545	.002968	.0017901	.004578	.0008687
%RSD	56.71200	33.30621	354.3726	43.51172	397.6906	250.8301	14.16569
#1	.0011359	-.001847	.0001035	-.004195	.0008188	-.006012	.0051347
#2	.0035449	-.000981	.0018544	-.006227	.0020272	.003062	.0067210
#3	.0018587	-.001212	-.000811	-.010041	-.001496	-.002525	.0065417

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000509	.0000173	.0062067	-.000639	-.000117	.0001340	-.004767
Stddev	.0000551	.0001008	.0068869	.000212	.000200	.0002206	.004701
%RSD	108.0965	583.8438	110.9579	33.11884	171.2057	164.6442	98.62264
#1	.0000034	.0001094	.0138671	-.000395	-.000222	-.000087	.000268
#2	.0000382	-.000090	.0042255	-.000768	.000114	.000355	-.005527
#3	.0001113	.000033	.0005276	-.000754	-.000243	.000134	-.009042

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007914	-.007793	.0000919	-.000404	-.076470	-.000185	-.000679
Stddev	.0004624	.007235	.0002285	.000334	.015108	.000464	.000230
%RSD	58.42512	92.84172	248.5471	82.63929	19.75717	250.4549	33.94181
#1	.0008166	-.004067	-.000168	-.000528	-.081089	.000132	-.000595
#2	.0012406	-.003180	.000181	-.000026	-.059591	.000030	-.000939
#3	.0003169	-.016131	.000263	-.000658	-.088729	-.000718	-.000502

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0552375	-.004501	-.000232	-.001658	.0006798	-.003709	.0043004
Stddev	.0266964	.000815	.000156	.000870	.0006478	.011374	.0019813
%RSD	48.33015	18.10024	67.12228	52.48080	95.30501	306.6269	46.07246
#1	.0800019	-.004625	-.000359	-.001169	.0001316	.005434	.0023721
#2	.0269576	-.003632	-.000058	-.002663	.0005131	-.000116	.0063307
#3	.0587530	-.005247	-.000281	-.001143	.0013946	-.016446	.0041983

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: PB167757BL Acquired: 4/30/2025 18:52:14 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	-.000121	-.005219	.0000595
Stddev	.001095	.000291	.0000120
%RSD	903.0481	5.569943	20.11658
#1	.000387	-.005305	.0000514
#2	.000628	-.004895	.0000538
#3	-.001378	-.005458	.0000733

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3272.625	75842.07	11550.18	2124.550	5237.561
Stddev	10.481	555.30	36.15	3.783	10.880
%RSD	.3202608	.7321762	.3130213	.1780842	.2077390
#1	3284.727	76464.53	11545.77	2127.610	5249.610
#2	3266.484	75397.55	11516.44	2120.320	5228.453
#3	3266.664	75664.12	11588.34	2125.719	5234.621

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1883-01 Acquired: 4/30/2025 19:00:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0381335	-.022207	.0283559	-.040834	-.010774	196.4430	.4713415
Stddev	.0020075	.008167	.0035827	.004872	.000784	.5125	.0025357
%RSD	5.264334	36.77639	12.63460	11.93016	7.279984	.2608922	.5379649
#1	.0364303	-.014395	.0242368	-.035247	-.011007	196.5958	.4696357
#2	.0376233	-.030688	.0307476	-.044195	-.011416	195.8715	.4701335
#3	.0403468	-.021538	.0300833	-.043060	-.009900	196.8617	.4742552

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063199	.0225604	211.6701	.0361197	.3996577	.9395327	641.4539
Stddev	.0000654	.0006759	1.0266	.0002887	.0011112	.0048366	2.7177
%RSD	1.034012	2.996067	.4849775	.7994050	.2780387	.5147927	.4236819
#1	.0062859	.0218738	211.6088	.0360046	.4009377	.9350414	644.3568
#2	.0062785	.0225824	210.6755	.0364483	.3990958	.9389036	641.0347
#3	.0063952	.0232252	212.7259	.0359064	.3989397	.9446532	638.9701

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.442779	147.4230	.2066610	-.008191	22.78049	1.773495	.6865063
Stddev	.030346	.9764	.0013706	.000121	.04210	.005778	.0015320
%RSD	.4710028	.6622822	.6631906	1.482353	.1848216	.3258206	.2231645
#1	6.427294	147.9460	.2064380	-.008317	22.75086	1.773447	.6873639
#2	6.423299	146.2966	.2081293	-.008075	22.82868	1.767741	.6874175
#3	6.477743	148.0265	.2054156	-.008180	22.76193	1.779298	.6847375

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.421440	4.617863	.0028602	-.012029	10.44106	2.590831	12.12376
Stddev	.010376	.014233	.0002807	.002376	.03940	.025654	.02717
%RSD	.4284876	.3082107	9.814966	19.74927	.3773646	.9901720	.2241406
#1	2.415742	4.632518	.0031666	-.009286	10.43443	2.617442	12.15498
#2	2.433416	4.604094	.0027985	-.013410	10.40540	2.588795	12.11085
#3	2.415162	4.616976	.0026154	-.013392	10.48336	2.566256	12.10545

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1883-01 Acquired: 4/30/2025 19:00:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	13.05288	.3483835	-.040337
Stddev	.01376	.0017155	.005096
%RSD	.1053969	.4924319	12.63291
#1	13.04462	.3501117	-.045588
#2	13.06876	.3483579	-.040012
#3	13.04527	.3466808	-.035412

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3493.133	84247.93	12966.31	2335.993	4091.132
Stddev	10.430	162.74	70.84	6.262	8.459
%RSD	.2985784	.1931712	.5463216	.2680823	.2067583
#1	3499.480	84060.21	12995.96	2332.201	4091.580
#2	3498.823	84349.36	13017.50	2343.221	4099.359
#3	3481.096	84334.21	12885.46	2332.556	4082.459

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1883-03 Acquired: 4/30/2025 19:13:19 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0298898	-.014299	.0213631	-.020830	-.011666	172.5846	.6244265
Stddev	.0017920	.004184	.0033302	.006756	.001620	.1785	.0038402
%RSD	5.995495	29.25822	15.58831	32.43601	13.88962	.1034245	.6149986
#1	.0283498	-.011174	.0226079	-.027037	-.011781	172.7341	.6279719
#2	.0294628	-.012671	.0175899	-.021819	-.013226	172.6327	.6249603
#3	.0318568	-.019052	.0238915	-.013633	-.009992	172.3870	.6203473

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059573	.0197888	227.6323	.0173869	.4004438	.9009824	688.3225
Stddev	.0000156	.0005342	.6675	.0001231	.0013395	.0010646	2.5755
%RSD	.2612095	2.699402	.2932215	.7079933	.3345033	.1181586	.3741658
#1	.0059410	.0191819	228.3988	.0174013	.4019262	.9001792	691.2882
#2	.0059590	.0201878	227.3184	.0175022	.4000847	.9021899	687.0306
#3	.0059719	.0199967	227.1796	.0172573	.3993205	.9005782	686.6487

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.628412	128.7359	.1444903	-.004789	17.76594	1.690256	.8318404
Stddev	.030914	.2866	.0008106	.001281	.16483	.003459	.0036712
%RSD	.4052440	.2225967	.5610114	26.73684	.9277976	.2046436	.4413382
#1	7.664095	129.0364	.1445789	-.003604	17.81842	1.694186	.8305100
#2	7.611407	128.4657	.1452529	-.006148	17.89815	1.687674	.8359914
#3	7.609734	128.7057	.1436390	-.004616	17.58126	1.688907	.8290199

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.884361	3.130870	.0042467	-.009209	9.855000	3.009324	12.31856
Stddev	.014801	.008370	.0002336	.002814	.032023	.018383	.07447
%RSD	.7854464	.2673515	5.500555	30.56016	.3249396	.6108555	.6045290
#1	1.871918	3.140418	.0042543	-.006332	9.891937	3.018241	12.40239
#2	1.900728	3.127395	.0044764	-.009339	9.835052	3.021547	12.29327
#3	1.880437	3.124797	.0040094	-.011956	9.838011	2.988184	12.26004

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1883-03 Acquired: 4/30/2025 19:13:19 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	10.77051	.3441979	-.098774
Stddev	.01430	.0012595	.001710
%RSD	.1327316	.3659362	1.731035
#1	10.78137	.3456435	-.100380
#2	10.77585	.3436138	-.096976
#3	10.75432	.3433364	-.098965

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3550.038	83660.38	13441.00	2308.319	4103.930
Stddev	2.534	226.96	36.55	4.125	11.585
%RSD	.0713672	.2712858	.2719131	.1787193	.2822890
#1	3547.517	83760.68	13436.48	2310.011	4090.664
#2	3552.584	83400.55	13479.60	2303.616	4109.072
#3	3550.011	83819.91	13406.92	2311.329	4112.054

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1883-05 Acquired: 4/30/2025 19:17:33 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0288835	-.015476	.0248169	-.022028	-.012805	154.3211	.2937426
Stddev	.0038993	.002682	.0013142	.003753	.002336	.1664	.0003792
%RSD	13.50023	17.33274	5.295456	17.03882	18.24140	.1078319	.1290980
#1	.0243907	-.017055	.0254016	-.022753	-.010271	154.4961	.2939923
#2	.0313865	-.012379	.0233118	-.025366	-.013271	154.3023	.2933062
#3	.0308733	-.016994	.0257372	-.017965	-.014872	154.1649	.2939293

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047040	.0107904	167.8842	.0445205	.3241336	.7997577	515.6989
Stddev	.0002129	.0007939	.6586	.0006018	.0004344	.0053076	2.8381
%RSD	4.524907	7.357867	.3923034	1.351804	.1340025	.6636572	.5503474
#1	.0048252	.0111893	168.4479	.0438339	.3243395	.8045081	513.6202
#2	.0048285	.0113058	168.0446	.0447708	.3244268	.8007360	514.5441
#3	.0044582	.0098761	167.1603	.0449568	.3236346	.7940289	518.9324

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.323097	111.1123	.1675129	-.004004	18.99320	1.318012	.6071685
Stddev	.012516	.7688	.0007787	.000468	.16966	.005247	.0013243
%RSD	.2351276	.6918694	.4648475	11.69659	.8932525	.3981089	.2181052
#1	5.336042	111.7704	.1681795	-.004533	18.86011	1.319261	.6058799
#2	5.322189	111.2990	.1677022	-.003835	18.93524	1.322521	.6070997
#3	5.311059	110.2673	.1666570	-.003644	19.18424	1.312253	.6085258

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.275238	3.472944	.0029568	-.009399	8.202395	2.808817	11.03423
Stddev	.030621	.009638	.0004873	.001718	.010670	.016973	.03226
%RSD	1.345827	.2775179	16.48001	18.27704	.1300878	.6042841	.2923631
#1	2.274923	3.462057	.0034415	-.009829	8.208198	2.793494	11.06440
#2	2.244776	3.476389	.0029618	-.007507	8.208905	2.805896	11.03807
#3	2.306015	3.480386	.0024670	-.010860	8.190080	2.827061	11.00022

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1883-05 Acquired: 4/30/2025 19:17:33 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	6.947912	.2933055	-.054768
Stddev	.024407	.0028478	.002265
%RSD	.3512849	.9709353	4.135251
#1	6.971327	.2911499	-.053057
#2	6.949789	.2922326	-.053910
#3	6.922622	.2965339	-.057337

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3444.576	83653.41	12875.73	2312.438	4150.202
Stddev	1.492	225.67	92.44	5.927	2.804
%RSD	.0433142	.2697691	.7179192	.2563261	.0675532
#1	3444.820	83719.72	12788.45	2307.203	4152.194
#2	3442.977	83838.50	12866.15	2311.238	4146.996
#3	3445.930	83402.02	12972.58	2318.874	4151.417

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: PB167757BS Acquired: 4/30/2025 19:28:58 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.7716962	2.075270	.9958596	1.917021	.7759167	1.948063
Stddev	.0020868	.015630	.0008366	.009118	.0015063	.013982
%RSD	.2704194	.7531482	.0840132	.4756320	.1941305	.7177506
#1	.7732187	2.074229	.9956667	1.906507	.7747735	1.960950
#2	.7725525	2.060187	.9951363	1.921814	.7753532	1.933197
#3	.7693175	2.091394	.9967759	1.922744	.7776235	1.950043

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1792537	.2012073	.2003913	1.022164	.4148771	.1928460
Stddev	.0004628	.0006347	.0002014	.002203	.0011201	.0002065
%RSD	.2581597	.3154365	.1005299	.2155638	.2699934	.1070861
#1	.1788609	.2018335	.2006238	1.020374	.4136914	.1930242
#2	.1791364	.2012240	.2002682	1.021493	.4150222	.1926197
#3	.1797638	.2005644	.2002819	1.024625	.4159176	.1928942

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3100453	2.935079	.1869162	1.958151	.4931740	.0732630
Stddev	.0007016	.013730	.0012972	.004215	.0007849	.0001969
%RSD	.2262943	.4677737	.6940057	.2152781	.1591635	.2687853
#1	.3106312	2.940262	.1878525	1.962425	.4937856	.0730862
#2	.3092678	2.919512	.1874606	1.953996	.4922889	.0732275
#3	.3102370	2.945462	.1854355	1.958031	.4934475	.0734752

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.413830	.2857929	.2047690	8.868415	.2974830	.4066998
Stddev	.015579	.0005133	.0008671	.031456	.0022276	.0003184
%RSD	.6454150	.1796032	.4234692	.3546985	.7488020	.0782932
#1	2.423465	.2863840	.2047656	8.844000	.2997631	.4068560
#2	2.395856	.2854597	.2039036	8.857332	.2973739	.4069101
#3	2.422169	.2855350	.2056379	8.903913	.2953120	.4063335

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: PB167757BS Acquired: 4/30/2025 19:28:58 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.7216160	.1929450	.8034710	5.750717	F -.013335	.1805992
Stddev	.0012550	.0010735	.0039423	.020071	.003203	.0010014
%RSD	.1739124	.5563529	.4906539	.3490127	24.02114	.5544781
#1	.7224918	.1940524	.7990127	5.771507	-.015481	.1815889
#2	.7201782	.1919091	.8064963	5.731452	-.009653	.1806221
#3	.7221779	.1928736	.8049040	5.749191	-.014871	.1795866

Elem	Sr4077
Units	ppm
Avg	.1846853
Stddev	.0006142
%RSD	.3325718
#1	.1853726
#2	.1844933
#3	.1841901

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3201.368	75417.58	11413.89	2030.023	5113.826
Stddev	8.131	294.41	26.89	7.567	14.575
%RSD	.2539797	.3903714	.2356005	.3727404	.2850096
#1	3192.596	75642.25	11384.60	2036.641	5097.550
#2	3208.652	75526.19	11419.60	2031.655	5125.671
#3	3202.855	75084.29	11437.46	2021.774	5118.258

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1883-07 Acquired: 4/30/2025 19:33:03 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0266052	-.018581	.0209949	-.008025	-.006819	142.9788	.2875253
Stddev	.0029516	.003418	.0038437	.007477	.002453	.2689	.0015789
%RSD	11.09395	18.39356	18.30805	93.16825	35.97668	.1880611	.5491378
#1	.0296712	-.014635	.0252849	-.015841	-.008865	143.1257	.2862236
#2	.0237832	-.020583	.0198355	-.007292	-.007493	142.6684	.2870708
#3	.0263612	-.020526	.0178643	-.000941	-.004099	143.1421	.2892817

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043414	.0125171	181.8507	.0174943	.3466181	.9314637	547.5820
Stddev	.0000717	.0008092	.3436	.0005132	.0001460	.0038004	4.0014
%RSD	1.652560	6.464988	.1889632	2.933689	.0421206	.4080052	.7307355
#1	.0043893	.0119739	181.8272	.0178458	.3466008	.9277097	550.6054
#2	.0043760	.0134471	181.5194	.0169053	.3464815	.9353089	543.0445
#3	.0042589	.0121302	182.2055	.0177316	.3467719	.9313723	549.0962

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.889176	100.2649	.1447709	.0021587	17.41587	1.396758	.6598245
Stddev	.011813	.0706	.0006962	.0011069	.05789	.002250	.0034321
%RSD	.2416231	.0704425	.4809124	51.27672	.3323866	.1610738	.5201516
#1	4.889015	100.1946	.1439683	.0032173	17.41371	1.397668	.6564869
#2	4.877444	100.2644	.1451323	.0010091	17.35909	1.394196	.6596428
#3	4.901069	100.3359	.1452121	.0022498	17.47480	1.398411	.6633438

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.401453	2.992176	.0036882	-.009158	9.304616	2.508651	11.09383
Stddev	.017263	.004723	.0002645	.001514	.030387	.003490	.00435
%RSD	.7188525	.1578453	7.171955	16.53566	.3265755	.1391186	.0392366
#1	2.382713	2.995130	.0039682	-.010871	9.320639	2.512549	11.09719
#2	2.416706	2.986728	.0036538	-.008001	9.269571	2.507591	11.08891
#3	2.404941	2.994669	.0034425	-.008601	9.323638	2.505815	11.09538

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1883-07 Acquired: 4/30/2025 19:33:03 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.522562	.3012346	-.053246
Stddev	.033347	.0018737	.002059
%RSD	.4432898	.6220066	3.866681
#1	7.497018	.3029819	-.055524
#2	7.510382	.2992559	-.051517
#3	7.560287	.3014658	-.052698

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3497.579	83784.53	13950.98	2228.926	4235.532
Stddev	5.609	97.89	17.73	5.012	10.311
%RSD	.1603767	.1168389	.1270919	.2248504	.2434437
#1	3504.056	83889.44	13934.55	2231.342	4247.409
#2	3494.284	83695.63	13969.78	2232.272	4230.313
#3	3494.398	83768.50	13948.60	2223.164	4228.874

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: CCV03 Acquired: 4/30/2025 19:37:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.060138	5.236901	5.114150	5.080210	5.025379	10.08895	9.772398
Stddev	.049105	.071118	.017233	.048620	.057985	.03367	.043616
%RSD	.9704249	1.358024	.3369666	.9570495	1.153848	.3337657	.4463233
#1	5.115809	5.158687	5.102277	5.133667	5.088804	10.06338	9.803735
#2	5.041625	5.254334	5.106258	5.068338	5.012246	10.12710	9.790875
#3	5.022982	5.297681	5.133916	5.038625	4.975086	10.07636	9.722584

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2642396	2.568668	25.13962	1.038159	2.539474	1.258844	5.168916
Stddev	.0045494	.009413	.11177	.001644	.004490	.011662	.076286
%RSD	1.721705	.3664533	.4446044	.1583549	.1767961	.9263664	1.475852
#1	.2680631	2.560257	25.21760	1.039120	2.537035	1.272016	5.095539
#2	.2654477	2.566911	25.18969	1.039097	2.536731	1.254678	5.163399
#3	.2592081	2.578835	25.01157	1.036261	2.544655	1.249837	5.247810

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.481001	25.39214	2.546747	1.268207	23.16766	2.505145	2.538765
Stddev	.007378	.20852	.004280	.000893	.51632	.005640	.007565
%RSD	.2973733	.8211958	.1680430	.0704413	2.228620	.2251333	.2979787
#1	2.488739	25.54638	2.543398	1.267725	22.74847	2.501302	2.530045
#2	2.480217	25.47514	2.545274	1.267658	23.01010	2.511620	2.542666
#3	2.474046	25.15490	2.551568	1.269238	23.74440	2.502512	2.543583

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.08876	5.214775	5.101570	5.132843	4.968898	4.869318	4.931793
Stddev	.43593	.090453	.024058	.019418	.003238	.065449	.013708
%RSD	1.809672	1.734552	.4715739	.3783165	.0651701	1.344108	.2779514
#1	23.71539	5.292896	5.129345	5.115314	4.971885	4.812496	4.926978
#2	23.98307	5.235753	5.087296	5.129498	4.969353	4.854578	4.921142
#3	24.56781	5.115676	5.088067	5.153716	4.965456	4.940880	4.947259

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: CCV03 Acquired: 4/30/2025 19:37:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.991855	4.791847	4.989459
Stddev	.008298	.022711	.010740
%RSD	.1662330	.4739532	.2152458
#1	4.997461	4.770645	4.978230
#2	4.995782	4.789081	4.999631
#3	4.982322	4.815814	4.990517

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3133.368	76237.59	11395.34	2027.066	4800.447
Stddev	12.763	195.25	199.32	7.711	17.854
%RSD	.4073156	.2561008	1.749116	.3803808	.3719261
#1	3119.519	76378.82	11240.53	2035.695	4810.404
#2	3144.656	76319.17	11325.26	2024.651	4811.103
#3	3135.929	76014.79	11620.24	2020.852	4779.835

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: CCB03 Acquired: 4/30/2025 19:41:26 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041756	.0031590	.0039212	-.001665	.0042538	-.001357	.0028986
Stddev	.0038411	.0023694	.0032478	.001458	.0029835	.002308	.0007362
%RSD	91.99049	75.00384	82.82580	87.57098	70.13766	170.0444	25.39774
#1	.0006095	.0011447	.0012035	-.000683	.0033686	-.001125	.0029083
#2	.0082425	.0057695	.0075181	-.000971	.0075797	-.003772	.0021576
#3	.0036747	.0025628	.0030421	-.003340	.0018130	.000826	.0036299

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000738	.0014188	.0147751	-.000272	.0012548	.0006069	.0353742
Stddev	.0000226	.0007425	.0018811	.000210	.0003187	.0005056	.0046555
%RSD	30.60205	52.33662	12.73124	77.15964	25.39833	83.29849	13.16074
#1	.0000947	.0006842	.0166767	-.000034	.0009351	.0002581	.0328872
#2	.0000768	.0021690	.0129153	-.000429	.0015725	.0011867	.0407450
#3	.0000499	.0014031	.0147332	-.000354	.0012567	.0003759	.0324903

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012261	.0085465	.0014071	-.000130	-.106401	.0009874	-.000104
Stddev	.0005643	.0067406	.0006459	.000453	.010274	.0002887	.000289
%RSD	46.01939	78.86960	45.90226	348.2702	9.655701	29.23552	277.8383
#1	.0007048	.0025973	.0010228	-.000653	-.117636	.0007442	.000121
#2	.0011483	.0158674	.0021528	.000120	-.097485	.0009116	-.000003
#3	.0018253	.0071747	.0010457	.000142	-.104082	.0013064	-.000431

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0930411	.0091790	.0030657	.0018784	.0011477	-.002985	.0048108
Stddev	.0029445	.0005532	.0013705	.0016072	.0006377	.004679	.0004605
%RSD	3.164704	6.026876	44.70401	85.56464	55.56335	156.7574	9.571892
#1	.0898760	.0098178	.0018930	.0001819	.0013340	-.007965	.0043348
#2	.0956991	.0088565	.0045723	.0033782	.0016715	-.002309	.0048436
#3	.0935483	.0088628	.0027318	.0020750	.0004376	.001319	.0052540

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: CCB03 Acquired: 4/30/2025 19:41:26 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000899	-.003713	.0010143
Stddev	.0047926	.000971	.0000774
%RSD	5330.657	26.15707	7.634292
#1	-.005156	-.004776	.0010991
#2	.001186	-.002871	.0009474
#3	.004239	-.003494	.0009963

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3263.657	77468.12	11743.31	2150.672	5255.155
Stddev	5.668	551.74	31.32	10.956	17.778
%RSD	.1736620	.7122219	.2666777	.5094196	.3382912
#1	3268.367	78104.52	11769.53	2162.858	5275.145
#2	3265.238	77175.72	11751.77	2141.636	5241.116
#3	3257.367	77124.11	11708.63	2147.521	5249.205

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1883-09 Acquired: 4/30/2025 19:45:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0528893	-.028358	.0334590	.0009942	-.011815	183.1101	.6049185
Stddev	.0054356	.008780	.0016717	.0043707	.000908	.3696	.0021318
%RSD	10.27737	30.96244	4.996138	439.6256	7.684764	.2018208	.3524072
#1	.0582994	-.020554	.0326719	.0046692	-.012696	183.4037	.6062685
#2	.0529402	-.037866	.0353789	.0021523	-.010882	183.2315	.6060260
#3	.0474284	-.026655	.0323261	-.003839	-.011866	182.6951	.6024609

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057380	.0162060	244.9505	.0357964	.4224717	.9195783	736.3045
Stddev	.0000614	.0010116	1.1426	.0008846	.0010394	.0067399	6.0248
%RSD	1.070116	6.242368	.4664594	2.471255	.2460165	.7329292	.8182419
#1	.0057956	.0151285	245.1053	.0368121	.4236703	.9167823	741.9515
#2	.0057451	.0163541	246.0079	.0351944	.4218199	.9146864	736.9999
#3	.0056734	.0171354	243.7385	.0353827	.4219249	.9272662	729.9623

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.190021	129.0121	.1764886	.0073129	24.60357	1.985141	.8458587
Stddev	.028184	.3947	.0012819	.0006216	.22302	.007458	.0039566
%RSD	.4553062	.3059139	.7263261	8.500688	.9064457	.3756833	.4677589
#1	6.194120	129.1359	.1766371	.0074915	24.86022	1.988887	.8415940
#2	6.215931	129.3300	.1776897	.0078258	24.45697	1.989983	.8494101
#3	6.160013	128.5703	.1751389	.0066215	24.49351	1.976553	.8465720

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.201427	4.406688	.0064427	-.014207	12.83434	2.769875	12.60515
Stddev	.025922	.025698	.0005542	.001684	.04425	.018806	.02885
%RSD	.8096881	.5831611	8.601487	11.85129	.3447898	.6789642	.2288379
#1	3.231338	4.431868	.0063803	-.016020	12.83969	2.787974	12.62716
#2	3.187442	4.407694	.0059224	-.012692	12.87567	2.750434	12.61579
#3	3.185502	4.380501	.0070255	-.013909	12.78765	2.771217	12.57249

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1883-09 Acquired: 4/30/2025 19:45:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	19.74943	.3949685	-.008428
Stddev	.03968	.0019205	.004210
%RSD	.2009248	.4862334	49.95280
#1	19.78406	.3968677	-.013127
#2	19.75809	.3950104	-.007156
#3	19.70613	.3930274	-.005001

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3508.095	84606.96	14418.57	2334.660	4078.865
Stddev	7.753	654.64	64.26	9.454	4.757
%RSD	.2209926	.7737391	.4456556	.4049364	.1166141
#1	3500.075	83851.72	14415.82	2328.883	4073.635
#2	3515.550	85012.26	14355.73	2329.527	4082.931
#3	3508.658	84956.89	14484.15	2345.570	4080.030

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1883-11 Acquired: 4/30/2025 19:50:00 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0443230	-.030690	.0430814	-.030023	-.010418	170.4508
Stddev	.0028434	.001934	.0051292	.011665	.003332	.2065
%RSD	6.415106	6.302216	11.90581	38.85364	31.98368	.1211478
#1	.0473810	-.028612	.0418215	-.036364	-.006744	170.5557
#2	.0438291	-.032438	.0386996	-.037144	-.011267	170.5838
#3	.0417590	-.031019	.0487232	-.016561	-.013244	170.2129

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6129894	.0059399	.0277299	231.6951	.0172644	.4047562
Stddev	.0016840	.0001304	.0003857	.4040	.0004372	.0013262
%RSD	.2747186	2.194495	1.390922	.1743882	2.532175	.3276597
#1	.6147904	.0060086	.0281737	231.8016	.0167629	.4032248
#2	.6114540	.0060215	.0274750	232.0351	.0174652	.4055145
#3	.6127238	.0057896	.0275411	231.2484	.0175651	.4055292

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9642391	672.9698	6.113272	117.2624	.1481876	-.000286
Stddev	.0007682	.9062	.009581	.3129	.0003843	.000542
%RSD	.0796638	.1346542	.1567253	.2668087	.2593061	189.2954
#1	.9644817	672.8482	6.106083	117.1387	.1477467	-.000142
#2	.9633789	672.1306	6.124149	117.6182	.1483650	-.000886
#3	.9648566	673.9307	6.109585	117.0302	.1484511	.000169

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.88525	1.773509	.7894503	2.570845	3.788566	.0040993
Stddev	.08714	.001354	.0011770	.018415	.006257	.0004638
%RSD	.4381900	.0763193	.1490848	.7163138	.1651435	11.31430
#1	19.87930	1.774640	.7908065	2.587978	3.788311	.0037838
#2	19.80125	1.772009	.7888478	2.551371	3.794946	.0046318
#3	19.97521	1.773877	.7886965	2.573185	3.782441	.0038822

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1883-11 Acquired: 4/30/2025 19:50:00 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	-.012656	12.36639	2.931576	12.95107	F 23.79480	.3596959
Stddev	.000944	.01184	.003341	.02132	.02114	.0008042
%RSD	7.458972	.0957384	.1139597	.1646386	.0888517	.2235720
#1	-.013711	12.37948	2.932311	12.94591	23.79459	.3595442
#2	-.012364	12.36328	2.927929	12.97451	23.77376	.3589785
#3	-.011892	12.35642	2.934489	12.93281	23.81604	.3605652

Elem	Sr4077
Units	ppm
Avg	.0607098
Stddev	.0006541
%RSD	1.077494
#1	.0614431
#2	.0601862
#3	.0605002

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3546.952	87326.33	13842.56	2358.764	4096.800
Stddev	5.379	320.19	29.37	1.302	4.638
%RSD	.1516423	.3666591	.2121862	.0551977	.1132138
#1	3541.004	87694.61	13860.77	2357.266	4097.116
#2	3548.375	87113.91	13808.68	2359.622	4092.012
#3	3551.475	87170.47	13858.23	2359.404	4101.272

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1883-11DUP Acquired: 4/30/2025 19:54:13 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0295958	-.046191	.0275681	-.046566	-.011538	177.2640	.6887891
Stddev	.0053417	.002545	.0037097	.003026	.002251	.3402	.0013907
%RSD	18.04889	5.509771	13.45649	6.497981	19.51212	.1919071	.2019040
#1	.0317515	-.043772	.0298668	-.049996	-.012510	176.8713	.6873428
#2	.0335228	-.048846	.0232884	-.044277	-.013141	177.4501	.6901166
#3	.0235131	-.045954	.0295491	-.045424	-.008964	177.4705	.6889078

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063847	.0352981	240.4460	.0195190	.4236332	1.019859	668.9301
Stddev	.0000220	.0014575	.8259	.0003292	.0013857	.010769	6.4410
%RSD	.3446031	4.129253	.3434855	1.686449	.3270907	1.055890	.9628811
#1	.0063600	.0342390	239.4931	.0192036	.4232346	1.011678	673.2252
#2	.0064022	.0346949	240.8906	.0198604	.4224905	1.015839	672.0409
#3	.0063919	.0369604	240.9544	.0194929	.4251745	1.032059	661.5242

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.448076	120.8332	.1535547	-.007242	19.83172	2.019467	.9018948
Stddev	.018282	.3442	.0004750	.000417	.14856	.001515	.0006300
%RSD	.2835245	.2848815	.3093587	5.752942	.7490831	.0750076	.0698509
#1	6.427626	120.4583	.1541027	-.007051	20.00323	2.017807	.9024462
#2	6.462834	120.9065	.1532589	-.006955	19.74327	2.019818	.9020300
#3	6.453770	121.1349	.1533027	-.007720	19.74866	2.020775	.9012082

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.657452	4.015276	.0047868	-.015513	13.80189	4.403112	13.10314
Stddev	.035438	.036235	.0004595	.002915	.03462	.027805	.01133
%RSD	1.333515	.9024368	9.600193	18.78994	.2508033	.6314857	.0864345
#1	2.696955	4.031292	.0052325	-.014275	13.76221	4.431089	13.09468
#2	2.628457	4.040744	.0043146	-.013422	13.82592	4.402764	13.09873
#3	2.646945	3.973793	.0048135	-.018843	13.81755	4.375483	13.11601

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1883-11DUP Acquired: 4/30/2025 19:54:13 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	11.09523	.3576666	.0677150
Stddev	.01792	.0030873	.0068694
%RSD	.1614948	.8631687	10.14452
#1	11.07806	.3595711	.0619274
#2	11.09381	.3593241	.0659113
#3	11.11382	.3541045	.0753062

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3586.853	85651.68	13169.32	2327.302	4111.566
Stddev	12.413	465.07	78.13	11.916	15.785
%RSD	.3460716	.5429767	.5932510	.5120212	.3839289
#1	3593.584	85151.91	13246.16	2313.964	4119.889
#2	3594.448	85731.40	13089.97	2331.044	4121.449
#3	3572.529	86071.74	13171.82	2336.899	4093.361

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1883-11LX5 Acquired: 4/30/2025 19:58:24 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0119137	-.003193	.0064743	.0022849	-.004890	39.50533	.1425413
Stddev	.0023580	.003631	.0002666	.0062576	.001056	.04368	.0005028
%RSD	19.79263	113.7003	4.117397	273.8735	21.60051	.1105592	.3527434
#1	.0094369	-.002051	.0067366	.0062990	-.005255	39.50583	.1428755
#2	.0121727	-.000271	.0062037	-.004925	-.003700	39.46141	.1419630
#3	.0141315	-.007258	.0064826	.005481	-.005715	39.54876	.1427854

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014810	-.003591	55.39022	.0044907	.0795135	.2430930	164.6532
Stddev	.0000386	.000412	.02411	.0007657	.0003036	.0017898	.0864
%RSD	2.608435	11.48064	.0435347	17.05036	.3818734	.7362571	.0524889
#1	.0014453	-.003793	55.36601	.0053734	.0795587	.2427991	164.7506
#2	.0015220	-.003863	55.39040	.0040928	.0791898	.2414683	164.6233
#3	.0014756	-.003117	55.41424	.0040058	.0797920	.2450115	164.5856

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.450499	27.85271	.0306629	.0015411	4.064729	.4192944	.1866306
Stddev	.003108	.05671	.0002612	.0002046	.008145	.0009811	.0008043
%RSD	.2142787	.2036108	.8517485	13.27546	.2003894	.2339811	.4309400
#1	1.450781	27.78994	.0307700	.0013310	4.057298	.4199694	.1868608
#2	1.447260	27.90027	.0303652	.0015525	4.063451	.4181690	.1872946
#3	1.453457	27.86791	.0308535	.0017397	4.073438	.4197448	.1857363

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6352773	1.015623	.0005610	.0086151	2.998766	1.125098	2.577486
Stddev	.0113590	.001914	.0003130	.0008997	.003221	.017745	.015814
%RSD	1.788037	.1884582	55.79175	10.44368	.1074259	1.577162	.6135441
#1	.6441268	1.013413	.0005812	.0095970	3.001136	1.132655	2.595706
#2	.6392366	1.016750	.0008633	.0084181	2.995098	1.104825	2.569435
#3	.6224686	1.016707	.0002383	.0078301	3.000064	1.137812	2.567318

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1883-11LX5 Acquired: 4/30/2025 19:58:24 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	4.636060	.0806218	.0015174
Stddev	.005000	.0004337	.0001321
%RSD	.1078487	.5379795	8.704751
#1	4.641122	.0809836	.0014483
#2	4.631125	.0807407	.0014342
#3	4.635932	.0801410	.0016697

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3150.115	75352.29	11711.75	2061.385	4553.186
Stddev	12.363	113.78	29.85	10.777	7.625
%RSD	.3924509	.1509942	.2548597	.5227815	.1674632
#1	3153.782	75242.53	11705.02	2050.461	4553.746
#2	3160.229	75469.70	11744.39	2072.007	4560.516
#3	3136.333	75344.65	11685.84	2061.687	4545.297

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1883-11MS Acquired: 4/30/2025 20:02:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.6574064	1.862822	1.004863	1.444067	.2142339	182.0587
Stddev	.0024745	.023581	.003659	.001477	.0030310	.3028
%RSD	.3763961	1.265853	.3641319	.1022856	1.414811	.1663426
#1	.6550158	1.861103	1.000650	1.442364	.2170265	182.1530
#2	.6572463	1.840148	1.006703	1.444849	.2110106	181.7199
#3	.6599570	1.887215	1.007238	1.444989	.2146645	182.3032

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8635304	.1704337	.2368056	233.0034	.3393875	.6009087
Stddev	.0025584	.0007025	.0004082	.5155	.0007725	.0007074
%RSD	.2962743	.4121929	.1723647	.2212258	.2276051	.1177129
#1	.8654681	.1704431	.2363827	232.7340	.3394481	.6006089
#2	.8606303	.1697265	.2368368	232.6784	.3385865	.6017166
#3	.8644927	.1711314	.2371973	233.5977	.3401279	.6004007

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.187452	645.0945	6.078007	118.1536	.6334683	.0580179
Stddev	.004856	3.1819	.016272	.2504	.0008344	.0008875
%RSD	.4089835	.4932380	.2677117	.2118864	.1317203	1.529742
#1	1.182162	648.7668	6.075840	117.9129	.6327159	.0582166
#2	1.188484	643.1600	6.062927	118.1351	.6343657	.0570478
#3	1.191709	643.3566	6.095253	118.4126	.6333234	.0587892

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.26344	2.149525	1.020234	10.44901	4.339896	.3228388
Stddev	.11631	.007333	.000796	.01570	.022112	.0011050
%RSD	.5224053	.3411246	.0780161	.1502678	.5094962	.3422805
#1	22.33221	2.142611	1.020744	10.43102	4.362610	.3219343
#2	22.12915	2.148751	1.019317	10.45603	4.318441	.3225116
#3	22.32895	2.157215	1.020642	10.45997	4.338636	.3240704

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1883-11MS Acquired: 4/30/2025 20:02:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.6717260	13.91438	6.368852	F 18.68535	11.73421	.5046767
Stddev	.0008525	.03945	.024778	.03795	.03464	.0007992
%RSD	.1269106	.2834879	.3890571	.2030790	.2951705	.1583643
#1	.6720917	13.93071	6.385878	18.72356	11.70265	.5055996
#2	.6707517	13.86939	6.340425	18.64768	11.72872	.5042137
#3	.6723346	13.94304	6.380252	18.68480	11.77126	.5042169

Elem	Sr4077
Units	ppm
Avg	.2335061
Stddev	.0030465
%RSD	1.304667
#1	.2317752
#2	.2317193
#3	.2370237

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3467.712	84232.37	12891.68	2252.670	4041.837
Stddev	4.568	214.36	36.41	6.873	2.671
%RSD	.1317258	.2544895	.2824173	.3051008	.0660817
#1	3462.473	84477.50	12922.24	2257.944	4038.821
#2	3470.865	84139.53	12901.41	2244.897	4043.903
#3	3469.797	84080.07	12851.40	2255.169	4042.788

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1883-11MSD Acquired: 4/30/2025 20:06:43 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.6934449	1.946700	1.042552	1.525108	.2171076	190.8348
Stddev	.0029208	.014637	.004568	.013734	.0023731	.5481
%RSD	.4212029	.7519006	.4381317	.9004952	1.093044	.2871941
#1	.6943078	1.961568	1.043421	1.509769	.2198386	191.0672
#2	.6958370	1.932305	1.037612	1.529290	.2159363	191.2284
#3	.6901898	1.946228	1.046623	1.536264	.2155479	190.2088

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9145620	.1599641	.2371319	243.8819	.3487431	.6356902
Stddev	.0029077	.0004945	.0007018	.7088	.0012312	.0007617
%RSD	.3179307	.3091381	.2959368	.2906163	.3530435	.1198146
#1	.9112506	.1595951	.2375292	243.6466	.3482795	.6358244
#2	.9166978	.1605260	.2375450	244.6785	.3478109	.6348704
#3	.9157376	.1597712	.2363217	243.3208	.3501388	.6363759

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.197576	729.3741	6.521128	122.2678	.6654315	.0707926
Stddev	.005503	4.8042	.023131	.3608	.0014645	.0005043
%RSD	.4595505	.6586775	.3547161	.2950603	.2200875	.7123529
#1	1.195192	728.1083	6.497401	122.3438	.6670658	.0713633
#2	1.203870	725.3296	6.543614	122.5845	.6642381	.0704073
#3	1.193666	734.6845	6.522371	121.8751	.6649904	.0706071

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.39388	2.249821	1.040148	11.86131	4.838057	.3280379
Stddev	.14671	.010285	.004359	.07699	.021032	.0002224
%RSD	.5355583	.4571669	.4191039	.6490867	.4347127	.0677888
#1	27.26235	2.258584	1.038395	11.80218	4.822618	.3281505
#2	27.36717	2.252382	1.045110	11.83339	4.829542	.3281814
#3	27.55210	2.238497	1.036937	11.94836	4.862011	.3277817

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1883-11MSD Acquired: 4/30/2025 20:06:43 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.6995524	14.88996	6.994189	F 19.91467	11.29473	.5480249
Stddev	.0053392	.03357	.017406	.05343	.02434	.0021892
%RSD	.7632310	.2254218	.2488676	.2682786	.2155332	.3994741
#1	.6983758	14.87488	6.990165	19.96442	11.31508	.5461249
#2	.6948997	14.92842	6.979147	19.85821	11.26777	.5475309
#3	.7053818	14.86659	7.013255	19.92138	11.30136	.5504189

Elem	Sr4077
Units	ppm
Avg	.1969718
Stddev	.0059629
%RSD	3.027300
#1	.1968811
#2	.2029796
#3	.1910548

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3447.216	85292.16	14332.12	2302.482	3968.065
Stddev	12.674	256.97	24.65	4.788	8.920
%RSD	.3676573	.3012805	.1720047	.2079344	.2247871
#1	3458.784	85330.30	14350.33	2298.257	3978.328
#2	3433.669	85527.93	14304.07	2301.506	3962.176
#3	3449.196	85018.26	14341.96	2307.682	3963.691

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1883-11A Acquired: 4/30/2025 20:10:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.6705938	1.853625	.9978905	1.458333	.6033048	178.9119
Stddev	.0029772	.005285	.0041023	.006050	.0037551	.2054
%RSD	.4439666	.2850897	.4110971	.4148316	.6224240	.1147828
#1	.6673054	1.849557	.9938803	1.457058	.6047941	179.0513
#2	.6731061	1.851720	1.002079	1.464918	.6060867	178.6761
#3	.6713699	1.859598	.997712	1.453022	.5990334	179.0083

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8010152	.1706439	.2381611	237.4662	.3275892	.6093545
Stddev	.0017684	.0005681	.0007027	.2954	.0008651	.0014363
%RSD	.2207703	.3328958	.2950378	.1244125	.2640836	.2357098
#1	.8030548	.1705920	.2380452	237.7960	.3272481	.6078303
#2	.8000822	.1712362	.2375237	237.3771	.3285729	.6095505
#3	.7999088	.1701036	.2389146	237.2256	.3269467	.6106827

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.241942	646.4610	6.404362	120.2713	.6360204	.0549752
Stddev	.006220	4.2209	.019172	.1236	.0003976	.0004726
%RSD	.5008591	.6529280	.2993647	.1027282	.0625123	.8597401
#1	1.239465	647.9510	6.425853	120.2164	.6355894	.0551937
#2	1.237341	649.7349	6.398218	120.4128	.6360992	.0552991
#3	1.249019	641.6972	6.389014	120.1848	.6363728	.0544329

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.59875	2.112033	.9951515	10.32276	4.111189	.3103004
Stddev	.10166	.003638	.0015091	.04375	.025415	.0001977
%RSD	.4706650	.1722636	.1516499	.4238268	.6181810	.0637034
#1	21.65709	2.114392	.9936073	10.30331	4.108248	.3102913
#2	21.48136	2.113863	.9952243	10.29210	4.137947	.3105024
#3	21.65778	2.107843	.9966230	10.37286	4.087374	.3101074

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1883-11A Acquired: 4/30/2025 20:10:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.6741726	13.76144	6.503223	F 19.48664	17.88018	.5109437
Stddev	.0021891	.03006	.028774	.02762	.03907	.0025802
%RSD	.3247036	.2184216	.4424518	.1417268	.2184949	.5049916
#1	.6753692	13.79517	6.502670	19.45517	17.84010	.5126699
#2	.6755025	13.73750	6.474730	19.49785	17.91814	.5121836
#3	.6716461	13.75164	6.532269	19.50688	17.88229	.5079776

Elem	Sr4077
Units	ppm
Avg	.2389535
Stddev	.0051526
%RSD	2.156303
#1	.2401632
#2	.2333037
#3	.2433936

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3467.784	86025.96	12901.93	2334.383	4007.965
Stddev	2.562	466.39	23.00	1.987	7.739
%RSD	.0738932	.5421463	.1782323	.0851309	.1930850
#1	3469.565	86501.54	12925.66	2333.829	4016.182
#2	3468.940	86006.99	12879.74	2336.588	4006.897
#3	3464.847	85569.34	12900.40	2332.731	4000.816

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1883-13 Acquired: 4/30/2025 20:14:59 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0323657	-.025332	.0284303	-.005824	-.008258	133.4350	.1067448
Stddev	.0040838	.003499	.0005669	.004166	.002483	.1234	.0003917
%RSD	12.61774	13.81360	1.994152	71.53580	30.06282	.0924773	.3669249
#1	.0297543	-.022023	.0280122	-.002956	-.006698	133.5180	.1063910
#2	.0302710	-.024977	.0290756	-.003913	-.006955	133.4938	.1066778
#3	.0370719	-.028995	.0282030	-.010602	-.011121	133.2932	.1071657

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033845	.0044864	106.9772	.0283793	.2741863	.8129472	403.4934
Stddev	.0000260	.0001544	.1255	.0005339	.0009151	.0020147	1.9150
%RSD	.7673590	3.440673	.1173167	1.881205	.3337365	.2478224	.4745954
#1	.0033832	.0046432	106.8340	.0283830	.2731963	.8142582	401.4723
#2	.0034111	.0044813	107.0299	.0289112	.2743616	.8106274	403.7272
#3	.0033592	.0043346	107.0678	.0278435	.2750010	.8139560	405.2807

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.896971	87.88493	.1667744	.0028978	20.55212	1.351656	.5111616
Stddev	.009436	.08015	.0003621	.0004175	.08174	.005776	.0028603
%RSD	.3257298	.0912044	.2171427	14.40889	.3977411	.4273503	.5595762
#1	2.891492	87.80895	.1663984	.0024236	20.49154	1.345676	.5100387
#2	2.891553	87.96869	.1668040	.0032102	20.51971	1.357204	.5090331
#3	2.907867	87.87714	.1671208	.0030597	20.64509	1.352089	.5144130

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.800099	.4018613	.0049845	-.011716	9.591352	2.220279	9.495011
Stddev	.037030	.0025732	.0005222	.002438	.016220	.015029	.024090
%RSD	2.057129	.6403204	10.47613	20.80566	.1691057	.6769178	.2537106
#1	1.778424	.3991186	.0050282	-.009878	9.577959	2.227614	9.509327
#2	1.779016	.4042223	.0044418	-.014481	9.586710	2.230232	9.467198
#3	1.842856	.4022429	.0054834	-.010788	9.609386	2.202990	9.508507

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1883-13 Acquired: 4/30/2025 20:14:59 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	18.81756	.2285087	-.093974
Stddev	.05421	.0023177	.001148
%RSD	.2880588	1.014257	1.221540
#1	18.78402	.2267159	-.092651
#2	18.78857	.2276843	-.094708
#3	18.88010	.2311258	-.094562

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3469.547	83023.44	12916.00	2270.228	4439.954
Stddev	7.413	165.36	9.63	7.860	13.204
%RSD	.2136532	.1991748	.0745401	.3462312	.2974003
#1	3474.779	83201.97	12923.71	2277.137	4450.967
#2	3472.799	82992.81	12919.08	2271.872	4443.579
#3	3461.065	82875.53	12905.21	2261.676	4425.315

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1883-15 Acquired: 4/30/2025 20:19:04 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0155122	-.025656	.0155851	-.017643	-.005258	138.8702	.1478172
Stddev	.0008549	.001403	.0023490	.003665	.002460	.0788	.0013417
%RSD	5.511182	5.469899	15.07218	20.77395	46.77438	.0567609	.9076731
#1	.0149764	-.025196	.0179962	-.013412	-.008093	138.9256	.1476338
#2	.0164982	-.027231	.0133036	-.019674	-.003689	138.7800	.1465766
#3	.0150621	-.024539	.0154556	-.019844	-.003994	138.9051	.1492411

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039687	.0125754	108.1685	.0197430	.2974166	.8430927	452.5548
Stddev	.0000652	.0004061	.0396	.0006219	.0007152	.0014089	1.2897
%RSD	1.642770	3.229722	.0365713	3.150090	.2404826	.1671157	.2849743
#1	.0040424	.0123542	108.1615	.0191225	.2968229	.8415225	453.5175
#2	.0039187	.0123279	108.1329	.0203663	.2972161	.8442465	451.0895
#3	.0039450	.0130441	108.2111	.0197402	.2982106	.8435090	453.0575

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.420185	85.60209	.1402610	-.000711	17.20890	1.361638	.6463952
Stddev	.008575	.12382	.0002813	.000073	.07212	.001037	.0025936
%RSD	.2507220	.1446427	.2005556	10.22871	.4190783	.0761659	.4012418
#1	3.418289	85.47744	.1399782	-.000634	17.20315	1.360582	.6474255
#2	3.412717	85.72506	.1402642	-.000778	17.13983	1.362655	.6434447
#3	3.429550	85.60378	.1405407	-.000721	17.28372	1.361678	.6483153

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.712886	.2342415	.0031993	-.012093	10.31390	2.489659	11.57185
Stddev	.009473	.0122216	.0002667	.003312	.02103	.013758	.04159
%RSD	.5530240	5.217513	8.336543	27.38937	.2039048	.5525928	.3594320
#1	1.702215	.2439555	.0030560	-.008469	10.31862	2.493236	11.61031
#2	1.716137	.2205191	.0030348	-.014964	10.29091	2.501274	11.57752
#3	1.720305	.2382499	.0035070	-.012845	10.33217	2.474466	11.52771

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1883-15 Acquired: 4/30/2025 20:19:04 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.362332	.2534062	-.133871
Stddev	.012869	.0008693	.001134
%RSD	.2399859	.3430278	.8470720
#1	5.362397	.2525278	-.135132
#2	5.349431	.2534246	-.132935
#3	5.375169	.2542660	-.133546

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3570.258	85259.60	12960.80	2312.450	4423.378
Stddev	7.692	54.13	37.94	11.317	6.706
%RSD	.2154345	.0634830	.2927097	.4893993	.1516076
#1	3579.101	85246.04	12994.34	2306.983	4429.299
#2	3566.551	85213.55	12919.63	2325.462	4424.738
#3	3565.123	85319.22	12968.42	2304.904	4416.096

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: CCV04 Acquired: 4/30/2025 20:23:08 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.001429	5.140140	5.098006	4.972820	4.981724	9.943365	9.718861
Stddev	.026566	.064096	.015719	.014042	.029104	.075097	.110988
%RSD	.5311676	1.246979	.3083301	.2823806	.5842190	.7552459	1.141980
#1	4.985773	5.086507	5.088130	4.973161	4.971251	10.02386	9.808596
#2	4.986411	5.122786	5.089757	4.958611	4.959305	9.93105	9.594754
#3	5.032102	5.211126	5.116132	4.986689	5.014615	9.87519	9.753234

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2509077	2.546013	24.92836	1.051794	2.523588	1.249193	5.485363
Stddev	.0009906	.008165	.03645	.001814	.009499	.004292	.233228
%RSD	.3948083	.3207133	.1462069	.1724379	.3764028	.3435614	4.251816
#1	.2519808	2.542417	24.94981	1.052699	2.519851	1.245941	5.742328
#2	.2507142	2.540262	24.88627	1.049706	2.516526	1.247581	5.426678
#3	.2500281	2.555359	24.94899	1.052978	2.534387	1.254057	5.287082

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.433560	25.29188	2.526792	1.267631	23.76294	2.481370	2.519957
Stddev	.006668	.08170	.008750	.000828	.17786	.000768	.008757
%RSD	.2739913	.3230413	.3463043	.0653268	.7484918	.0309502	.3475055
#1	2.427578	25.32469	2.521905	1.268380	23.58924	2.480723	2.510490
#2	2.440749	25.19888	2.521577	1.266741	23.94469	2.481168	2.521614
#3	2.432354	25.35208	2.536894	1.267772	23.75490	2.482218	2.527767

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.63879	4.885753	5.055366	5.099220	4.892196	5.077602	5.031589
Stddev	.13770	.022160	.013012	.017771	.003707	.024687	.019030
%RSD	.5588760	.4535617	.2573805	.3484967	.0757743	.4861957	.3782096
#1	24.49008	4.911340	5.052284	5.086180	4.891408	5.054658	5.025800
#2	24.76188	4.873169	5.044173	5.092020	4.896234	5.103724	5.016127
#3	24.66442	4.872751	5.069642	5.119461	4.888946	5.074423	5.052842

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: CCV04 Acquired: 4/30/2025 20:23:08 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.906062	4.594406	4.868509
Stddev	.027377	.016477	.021438
%RSD	.5580255	.3586308	.4403480
#1	4.883805	4.589571	4.889258
#2	4.897748	4.612760	4.846442
#3	4.936632	4.580887	4.869827

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3117.589	74538.89	11800.01	1989.216	4802.075
Stddev	10.651	285.24	52.85	13.159	20.147
%RSD	.3416569	.3826754	.4478577	.6615205	.4195539
#1	3128.295	74650.81	11767.50	1999.460	4819.749
#2	3117.477	74751.20	11860.99	1993.813	4806.339
#3	3106.993	74214.66	11771.54	1974.375	4780.137

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: CCB04 Acquired: 4/30/2025 20:27:21 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000172	.0003688	.0021186	-.001278	.0023937	.0101780	.0049199
Stddev	.002455	.0007596	.0012969	.004926	.0011116	.0047023	.0009107
%RSD	1428.266	205.9588	61.21376	385.4407	46.43783	46.20029	18.51028
#1	-.001543	-.000270	.0027607	-.000782	.0022288	.0152461	.0042098
#2	-.001636	.001209	.0006259	-.006433	.0013738	.0093314	.0059466
#3	.002663	.000167	.0029691	.003381	.0035785	.0059566	.0046033

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000799	.0005705	.0188187	-.000058	.0002838	.0008878	.0239236
Stddev	.0000418	.0001137	.0058661	.000165	.0000781	.0002325	.0088812
%RSD	52.37597	19.92126	31.17168	283.7441	27.50929	26.19087	37.12307
#1	.0000357	.0007009	.0127374	-.000238	.0002930	.0011284	.0139107
#2	.0000850	.0004930	.0244428	-.000023	.0002015	.0006643	.0308487
#3	.0001189	.0005174	.0192758	.000086	.0003569	.0008707	.0270114

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012742	.0097730	.0005646	.0000582	-.082449	-.000094	.0006267
Stddev	.0004575	.0099706	.0003451	.0001224	.019148	.000281	.0001359
%RSD	35.90427	102.0216	61.12531	210.3014	23.22424	299.3051	21.67554
#1	.0016180	.0192037	.0007057	-.000031	-.086471	-.000118	.0005734
#2	.0007550	-.000662	.0001713	.000007	-.061609	-.000362	.0007811
#3	.0014497	.010777	.0008169	.000198	-.099266	.000198	.0005256

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0977564	.0140100	.0014328	-.000122	.0041002	.0014210	.0020120
Stddev	.0286939	.0013234	.0001869	.000651	.0005272	.0056351	.0015284
%RSD	29.35243	9.446306	13.04331	532.2565	12.85895	396.5576	75.96550
#1	.0646632	.0153618	.0015962	-.000823	.0037163	.0021117	.0010201
#2	.1157070	.0127168	.0014733	-.000009	.0047014	-.004528	.0037722
#3	.1128989	.0139514	.0012290	.000464	.0038829	.006679	.0012437

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: CCB04 Acquired: 4/30/2025 20:27:21 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB04 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001482	-.003235	.0019000
Stddev	.002089	.000719	.0002209
%RSD	141.0032	22.22782	11.62503
#1	-.002798	-.004003	.0021347
#2	-.002574	-.002578	.0018691
#3	.000927	-.003123	.0016962

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3189.139	74877.66	10835.64	2045.864	5185.189
Stddev	11.262	455.23	12.77	6.390	22.464
%RSD	.3531273	.6079621	.1178353	.3123578	.4332277
#1	3192.722	75343.11	10823.05	2052.993	5195.866
#2	3198.174	74433.40	10835.30	2043.951	5200.323
#3	3176.522	74856.47	10848.58	2040.649	5159.378

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1889-01 Acquired: 4/30/2025 20:31:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0835674	.0108657	.1641209	.0029490	-.008186	159.4415	.5226660
Stddev	.0020708	.0016146	.0020180	.0065782	.001179	.3069	.0021340
%RSD	2.477990	14.85994	1.229569	223.0672	14.40499	.1924946	.4082850
#1	.0859582	.0127254	.1650999	.0041644	-.007129	159.6675	.5225429
#2	.0823377	.0100506	.1618001	.0088348	-.007971	159.5649	.5248589
#3	.0824062	.0098210	.1654625	-.004152	-.009458	159.0921	.5205962

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087140	-.003294	18.73037	.3269146	.0863872	.1592710	308.2246
Stddev	.0000941	.000402	.04912	.0003193	.0007250	.0013859	.8732
%RSD	1.079399	12.18995	.2622298	.0976746	.8392499	.8701384	.2832950
#1	.0088183	-.002847	18.72034	.3272580	.0871701	.1608496	307.6661
#2	.0086884	-.003625	18.78372	.3268591	.0857391	.1587091	309.2308
#3	.0086355	-.003411	18.68703	.3266267	.0862523	.1582543	307.7769

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.648410	16.98989	.1318581	.0015331	.9040836	.4199325	.3186648
Stddev	.007051	.04627	.0007036	.0001687	.0030011	.0022245	.0012768
%RSD	.4277500	.2723572	.5335926	11.00412	.3319504	.5297207	.4006783
#1	1.649770	16.93659	.1326093	.0015922	.9040725	.4204517	.3172036
#2	1.654681	17.01328	.1317503	.0016643	.9010880	.4218515	.3192251
#3	1.640777	17.01981	.1312146	.0013428	.9070902	.4174944	.3195656

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.100061	-.013334	.0072929	.0126516	2.351112	2.825549	3.546728
Stddev	.054871	.007698	.0002398	.0012913	.004794	.010005	.003410
%RSD	.7728287	57.73514	3.287874	10.20705	.2039170	.3540819	.0961469
#1	7.059833	-.021657	.0075697	.0115359	2.350398	2.814151	3.548870
#2	7.162568	-.006469	.0071616	.0140662	2.356223	2.829622	3.542795
#3	7.077782	-.011876	.0071476	.0123526	2.346714	2.832876	3.548518

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1889-01 Acquired: 4/30/2025 20:31:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.2530897	.2162674	-.164749
Stddev	.0046322	.0012305	.000374
%RSD	1.830268	.5689846	.2267544
#1	.2571762	.2174788	-.164340
#2	.2480577	.2163048	-.165071
#3	.2540354	.2150186	-.164838

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3525.715	82371.66	12916.09	2265.811	4724.440
Stddev	6.528	126.92	12.44	4.648	12.569
%RSD	.1851579	.1540868	.0963211	.2051556	.2660376
#1	3519.737	82477.76	12904.52	2270.018	4711.431
#2	3524.726	82406.17	12929.25	2266.594	4725.371
#3	3532.681	82231.05	12914.50	2260.820	4736.517

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1889-02 Acquired: 4/30/2025 20:35:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0824610	.0084528	.1438647	-.008013	-.005439	161.3903	.7268599
Stddev	.0012202	.0043568	.0014857	.005284	.002587	.2355	.0031958
%RSD	1.479677	51.54294	1.032706	65.94077	47.56272	.1459077	.4396746
#1	.0810526	.0034225	.1453055	-.013132	-.008382	161.6433	.7297001
#2	.0831354	.0110327	.1439508	-.008329	-.003526	161.3501	.7274803
#3	.0831952	.0109033	.1423379	-.002578	-.004410	161.1775	.7233994

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0119170	.0012025	18.20596	.3671032	.1199723	.1887204	313.7130
Stddev	.0000581	.0002877	.03668	.0003581	.0005021	.0025085	.4912
%RSD	.4874704	23.92843	.2014742	.0975418	.4185080	1.329219	.1565866
#1	.0119567	.0014496	18.20194	.3675150	.1194027	.1897280	313.2027
#2	.0119439	.0008866	18.24448	.3668654	.1201638	.1858648	314.1826
#3	.0118503	.0012712	18.17145	.3669291	.1203505	.1905685	313.7537

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.268222	27.63165	.1707576	-.001450	.2576846	.5341722	.3880502
Stddev	.004008	.07189	.0005981	.000092	.0040902	.0009850	.0010049
%RSD	.1767233	.2601755	.3502496	6.350458	1.587289	.1843975	.2589680
#1	2.271371	27.63495	.1710899	-.001391	.2535836	.5330357	.3888180
#2	2.269585	27.70184	.1700672	-.001556	.2577063	.5347787	.3884198
#3	2.263710	27.55817	.1711157	-.001402	.2617639	.5347023	.3869128

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.779399	-.139996	.0033502	.0048255	2.981620	5.250705	3.728755
Stddev	.019653	.009416	.0003040	.0006976	.011438	.014354	.022396
%RSD	.2238507	6.725880	9.075040	14.45578	.3836099	.2733817	.6006238
#1	8.783687	-.150824	.0034256	.0056309	2.990120	5.243751	3.744436
#2	8.757957	-.133732	.0036094	.0044116	2.986125	5.241153	3.703106
#3	8.796554	-.135432	.0030156	.0044341	2.968616	5.267213	3.738723

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1889-02 Acquired: 4/30/2025 20:35:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.7466519	.2516711	-.196553
Stddev	.0033268	.0008020	.000900
%RSD	.4455651	.3186560	.4576466
#1	.7488502	.2513897	-.195514
#2	.7482809	.2525759	-.197092
#3	.7428245	.2510478	-.197052

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3523.024	82832.71	12408.96	2301.631	4653.129
Stddev	2.889	238.77	14.81	14.365	9.313
%RSD	.0819954	.2882582	.1193527	.6241274	.2001497
#1	3523.560	83099.76	12425.98	2318.193	4649.564
#2	3525.607	82758.55	12399.03	2294.141	4663.698
#3	3519.904	82639.82	12401.87	2292.559	4646.125

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1889-03 Acquired: 4/30/2025 20:39:53 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0654064	-.005365	.1321653	.0002615	-.007866	141.0203	.7928196
Stddev	.0010549	.002645	.0029321	.0018491	.002076	.5541	.0036665
%RSD	1.612804	49.29957	2.218530	707.1608	26.39134	.3929285	.4624627
#1	.0665477	-.008401	.1305404	-.001211	-.010121	140.4500	.7898850
#2	.0652041	-.004137	.1355502	-.000341	-.006035	141.0541	.7916443
#3	.0644673	-.003558	.1304054	.002337	-.007442	141.5567	.7969297

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121266	.0038442	20.60536	.3751719	.1402539	.1841969	285.1062
Stddev	.0001384	.0000709	.07983	.0015785	.0004380	.0011021	.6829
%RSD	1.141470	1.842989	.3874136	.4207345	.3122920	.5983515	.2395372
#1	.0119670	.0039250	20.51671	.3769946	.1398303	.1832248	285.8945
#2	.0122138	.0037930	20.62782	.3742673	.1407050	.1853943	284.7307
#3	.0121990	.0038145	20.67155	.3742539	.1402263	.1839716	284.6934

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.938432	35.00296	.2365265	.0012491	.3536950	.4611064	.4947852
Stddev	.009159	.15554	.0007589	.0002426	.0205244	.0027698	.0013637
%RSD	.4724729	.4443499	.3208530	19.42568	5.802860	.6006875	.2756055
#1	1.929817	34.84455	.2368532	.0010614	.3318323	.4583293	.4963597
#2	1.937429	35.00887	.2370673	.0015231	.3567036	.4611211	.4940165
#3	1.948051	35.15546	.2356589	.0011629	.3725490	.4638689	.4939795

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.54675	-.011850	.0031559	.0006206	5.603854	5.127057	5.273784
Stddev	.05641	.010896	.0004433	.0026824	.019004	.017143	.030126
%RSD	.4885426	91.95358	14.04720	432.2003	.3391290	.3343659	.5712490
#1	11.60571	.000146	.0026519	.0036021	5.585473	5.146723	5.306764
#2	11.49330	-.014561	.0034853	-.001597	5.602663	5.119183	5.266877
#3	11.54125	-.021135	.0033306	-.000143	5.623425	5.115266	5.247710

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1889-03 Acquired: 4/30/2025 20:39:53 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.2294119	.2397057	-.136573
Stddev	.0052335	.0002705	.001344
%RSD	2.281255	.1128621	.9838573
#1	.2353194	.2394973	-.137899
#2	.2253555	.2396083	-.136607
#3	.2275610	.2400114	-.135212

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3779.136	89163.19	13965.04	2465.900	4619.888
Stddev	4.536	498.99	48.53	21.533	13.496
%RSD	.1200298	.5596328	.3475365	.8732359	.2921327
#1	3775.158	88774.96	14009.20	2462.476	4607.868
#2	3778.173	88988.59	13913.08	2446.284	4617.308
#3	3784.076	89726.01	13972.86	2488.940	4634.488

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1891-01 Acquired: 4/30/2025 20:44:00 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0350769	.0098754	.1861527	-.001420	-.006968	157.0026	1.218604
Stddev	.0043990	.0045620	.0015131	.006142	.002702	.3600	.005600
%RSD	12.54091	46.19576	.8128220	432.5236	38.78216	.2293238	.4595431
#1	.0390669	.0099383	.1874266	-.004032	-.007188	157.4141	1.225056
#2	.0303596	.0052823	.1865513	.005597	-.009554	156.7456	1.215755
#3	.0358041	.0144057	.1844802	-.005825	-.004163	156.8480	1.215003

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109113	.0030368	15.83303	.2773249	.1513747	.4355725	307.8732
Stddev	.0001179	.0004463	.02539	.0004763	.0002261	.0035959	2.0055
%RSD	1.080337	14.69543	.1603446	.1717342	.1493612	.8255472	.6514126
#1	.0108622	.0026635	15.85434	.2775872	.1514720	.4317612	310.1698
#2	.0108260	.0035311	15.83981	.2776123	.1515359	.4360514	306.9819
#3	.0110458	.0029157	15.80494	.2767751	.1511163	.4389050	306.4678

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.965115	65.36072	.3291639	.0005674	5.423210	.3665627	.6559096
Stddev	.011083	.12259	.0008819	.0002207	.050109	.0016070	.0015696
%RSD	.1391494	.1875591	.2679225	38.89853	.9239759	.4383876	.2392945
#1	7.975767	65.38462	.3300911	.0007278	5.477696	.3683541	.6557862
#2	7.953646	65.22795	.3290650	.0006588	5.412830	.3652480	.6544053
#3	7.965934	65.46961	.3283356	.0003157	5.379104	.3660861	.6575371

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.95289	-.073539	.0036226	.0016194	4.085008	2.372300	4.818477
Stddev	.19846	.015962	.0004034	.0003782	.014922	.030333	.011093
%RSD	1.105461	21.70541	11.13515	23.35268	.3652849	1.278622	.2302152
#1	18.16303	-.057146	.0032782	.0016904	4.101773	2.398953	4.831248
#2	17.92699	-.074441	.0035233	.0012107	4.080069	2.339294	4.811244
#3	17.76865	-.089031	.0040664	.0019570	4.073182	2.378652	4.812938

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1891-01 Acquired: 4/30/2025 20:44:00 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	1.036384	.4285781	-.186225
Stddev	.003900	.0022048	.001346
%RSD	.3763159	.5144338	.7225615
#1	1.038089	.4311117	-.187766
#2	1.031922	.4270954	-.185625
#3	1.039141	.4275271	-.185284

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3467.280	85012.24	12752.54	2254.382	4590.266
Stddev	3.059	257.05	34.71	8.253	6.802
%RSD	.0882214	.3023697	.2721674	.3660807	.1481838
#1	3470.349	84716.27	12779.16	2256.991	4586.395
#2	3464.232	85140.91	12765.19	2245.140	4586.284
#3	3467.260	85179.55	12713.29	2261.015	4598.121

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1891-05 Acquired: 4/30/2025 20:48:06 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0572472	.0053988	.2153339	.0086385	-.004922	164.5908	1.095955
Stddev	.0011652	.0042338	.0026877	.0020199	.001494	.5051	.002576
%RSD	2.035308	78.42160	1.248170	23.38232	30.35122	.3068748	.2350853
#1	.0565952	.0060119	.2164140	.0063921	-.005315	165.1162	1.098914
#2	.0585924	.0092926	.2122742	.0103049	-.006180	164.5475	1.094208
#3	.0565539	.0008918	.2173136	.0092186	-.003271	164.1088	1.094743

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121662	.0039186	14.96623	.2070468	.1231941	.2331558	230.7133
Stddev	.0001590	.0002645	.06895	.0004374	.0002936	.0014385	1.0260
%RSD	1.306735	6.748432	.4607295	.2112429	.2383345	.6169705	.4447221
#1	.0122194	.0040255	15.04289	.2072997	.1228618	.2337730	230.4108
#2	.0119875	.0036175	14.90928	.2072989	.1234186	.2315117	231.8565
#3	.0122918	.0041129	14.94652	.2065418	.1233019	.2341827	229.8725

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.469161	42.82901	.2559852	.0033175	4.467045	.2737494	.5390535
Stddev	.013425	.11685	.0009010	.0003187	.049063	.0016251	.0027915
%RSD	.3004020	.2728202	.3519669	9.607333	1.098341	.5936476	.5178592
#1	4.484197	42.93747	.2551031	.0033379	4.423671	.2745933	.5359110
#2	4.464915	42.70528	.2559484	.0036256	4.520295	.2718759	.5412462
#3	4.458373	42.84427	.2569040	.0029891	4.457170	.2747788	.5400033

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.298209	.0920723	.0033806	.0157666	2.263154	4.362595	10.10162
Stddev	.071460	.0134884	.0002214	.0008362	.004665	.023483	.02201
%RSD	.7685310	14.64984	6.548524	5.303382	.2061060	.5382714	.2178964
#1	9.253128	.0859215	.0036289	.0158258	2.268336	4.336317	10.12679
#2	9.380601	.1075397	.0033090	.0149024	2.259291	4.381524	10.08598
#3	9.260897	.0827555	.0032039	.0165716	2.261837	4.369945	10.09209

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1891-05 Acquired: 4/30/2025 20:48:06 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	3.984865	.2646872	-.093556
Stddev	.019774	.0011794	.001009
%RSD	.4962367	.4455972	1.078447
#1	3.996778	.2659609	-.092831
#2	3.995779	.2644678	-.094708
#3	3.962039	.2636328	-.093128

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3909.741	90438.34	15280.52	2486.655	4566.981
Stddev	4.267	366.59	60.30	12.551	7.118
%RSD	.1091359	.4053514	.3946302	.5047382	.1558594
#1	3905.283	90436.95	15212.25	2486.878	4561.262
#2	3910.154	90072.43	15326.53	2473.994	4564.729
#3	3913.786	90805.62	15302.77	2499.093	4574.953

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1892-01 Acquired: 4/30/2025 20:52:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0391801	.0060421	.1171033	-.002251	-.005789	40.71084	.7042146
Stddev	.0030342	.0040200	.0032262	.000196	.001071	.14216	.0022310
%RSD	7.744269	66.53401	2.754965	8.698362	18.49214	.3491958	.3168009
#1	.0389446	.0100677	.1207164	-.002155	-.006915	40.86958	.7059137
#2	.0362705	.0060308	.1145111	-.002477	-.004784	40.66768	.7050421
#3	.0423253	.0020277	.1160825	-.002122	-.005669	40.59527	.7016882

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106092	.0021653	14.68722	.1941930	.1349360	.2262672	186.7618
Stddev	.0000466	.0000585	.07657	.0003866	.0010722	.0012549	1.5910
%RSD	.4393290	2.701052	.5213279	.1990814	.7945641	.5546197	.8518998
#1	.0106577	.0021528	14.76244	.1945202	.1354128	.2272286	187.2748
#2	.0105648	.0021141	14.68986	.1942924	.1356871	.2248475	188.0329
#3	.0106050	.0022290	14.60937	.1937664	.1337082	.2267253	184.9775

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.378586	17.69277	.1798275	.0001270	.9346906	.3398965	.4052173
Stddev	.015446	.08566	.0007562	.0003336	.0086634	.0005395	.0028125
%RSD	.4571754	.4841558	.4204835	262.6557	.9268727	.1587113	.6940662
#1	3.390326	17.78454	.1799926	.0004189	.9257295	.3397491	.4066866
#2	3.384345	17.67885	.1804875	.0001987	.9353202	.3404944	.4069908
#3	3.361089	17.61493	.1790025	-.000237	.9430219	.3394461	.4019745

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.268887	-.050779	.0093179	.0133242	1.069613	5.248079	3.090875
Stddev	.040192	.008283	.0002151	.0006972	.006468	.052748	.017461
%RSD	.9415081	16.31167	2.308416	5.232880	.6047399	1.005089	.5649063
#1	4.300447	-.052081	.0092289	.0138661	1.076284	5.267994	3.105960
#2	4.282575	-.041923	.0095632	.0135689	1.069186	5.287971	3.094918
#3	4.223639	-.058335	.0091615	.0125376	1.063369	5.188273	3.071748

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1892-01 Acquired: 4/30/2025 20:52:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	1.616744	.1533321	-.093626
Stddev	.011377	.0016107	.001070
%RSD	.7037054	1.050490	1.142710
#1	1.628744	.1545847	-.093726
#2	1.615374	.1538965	-.094643
#3	1.606114	.1515151	-.092510

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3844.765	90572.00	13758.63	2468.184	4892.105
Stddev	12.441	508.81	68.30	22.272	15.203
%RSD	.3235778	.5617731	.4964177	.9023613	.3107688
#1	3830.409	90202.57	13682.90	2458.583	4879.238
#2	3852.380	90361.07	13815.55	2452.322	4888.196
#3	3851.508	91152.35	13777.44	2493.646	4908.881

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1892-05 Acquired: 4/30/2025 20:56:18 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0448860	.0068045	.2218929	-.016101	-.004372	113.8991	1.222845
Stddev	.0002952	.0026609	.0019939	.003499	.002269	.2310	.002977
%RSD	.6576250	39.10423	.8985728	21.73181	51.88640	.2028046	.2434189
#1	.0446549	.0040794	.2204198	-.015602	-.006986	113.6740	1.220973
#2	.0452186	.0069381	.2210972	-.019823	-.003216	114.1355	1.221284
#3	.0447847	.0093961	.2241618	-.012878	-.002915	113.8877	1.226277

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0146053	.0059756	146.9643	.2358629	.1438433	.3838728	267.3348
Stddev	.0001274	.0004605	.4884	.0008650	.0001316	.0017043	1.5874
%RSD	.8725432	7.706372	.3323568	.3667336	.0915089	.4439847	.5937791
#1	.0145687	.0063472	146.5509	.2363181	.1436929	.3834196	266.9672
#2	.0147471	.0061192	147.5033	.2364053	.1439375	.3857579	265.9635
#3	.0145002	.0054604	146.8386	.2348654	.1438995	.3824408	269.0738

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.226650	78.17353	.2629361	-.001673	1.092775	.3452740	.5650135
Stddev	.016126	.46499	.0006827	.000418	.017757	.0019951	.0012202
%RSD	.3085285	.5948151	.2596328	24.95763	1.624921	.5778223	.2159573
#1	5.208078	77.92509	.2635659	-.001773	1.077486	.3429927	.5648659
#2	5.237096	78.70997	.2630319	-.002031	1.088588	.3461369	.5663007
#3	5.234776	77.88553	.2622106	-.001215	1.112251	.3466924	.5638737

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.86285	-.093852	.0028960	.0009651	3.150878	7.093956	6.099830
Stddev	.06412	.016449	.0002213	.0020600	.010127	.055963	.021774
%RSD	.5404938	17.52665	7.640509	213.4479	.3213937	.7888803	.3569559
#1	11.86223	-.093993	.0028400	-.000342	3.139279	7.051341	6.074698
#2	11.79904	-.110229	.0027081	.003340	3.155395	7.073194	6.111797
#3	11.92727	-.077332	.0031399	-.000102	3.157961	7.157332	6.112996

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1892-05 Acquired: 4/30/2025 20:56:18 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	2.755189	.2630744	-.027668
Stddev	.013370	.0012694	.000942
%RSD	.4852650	.4825365	3.405561
#1	2.750094	.2624298	-.027890
#2	2.745115	.2622566	-.026635
#3	2.770357	.2645368	-.028480

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3562.208	84457.55	12731.26	2302.512	4471.845
Stddev	5.254	188.58	74.84	14.863	10.336
%RSD	.1475016	.2232848	.5878673	.6455057	.2311257
#1	3565.289	84553.78	12772.10	2298.479	4479.892
#2	3565.194	84578.60	12644.88	2318.975	4475.455
#3	3556.141	84240.27	12776.80	2290.082	4460.189

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1892-09 Acquired: 4/30/2025 21:00:25 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.1167425	.0219098	.1907724	-.004259	-.010806	77.63626	1.154580
Stddev	.0038968	.0021947	.0059694	.007088	.001637	.16429	.001624
%RSD	3.337928	10.01703	3.129083	166.4256	15.14464	.2116098	.1406597
#1	.1159799	.0244435	.1856119	.003920	-.009809	77.52898	1.153159
#2	.1132833	.0206858	.1973101	-.008078	-.012695	77.55441	1.154231
#3	.1209642	.0206000	.1893953	-.008618	-.009915	77.82539	1.156350

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0191875	.0115605	30.84377	.4944353	.2042683	.3043120	404.0932
Stddev	.0001932	.0012761	.05139	.0009797	.0008507	.0045586	3.7851
%RSD	1.006774	11.03867	.1666014	.1981447	.4164467	1.497999	.9367018
#1	.0189671	.0103231	30.85598	.4946689	.2034522	.2993432	408.0697
#2	.0192673	.0128721	30.88796	.4952771	.2051497	.3083011	400.5340
#3	.0193279	.0114864	30.78738	.4933599	.2042031	.3052918	403.6760

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.594809	33.94381	.3492473	.0019685	2.514237	.4024860	.6722978
Stddev	.006018	.02108	.0017546	.0005310	.013970	.0012535	.0007168
%RSD	.1674066	.0621111	.5023920	26.97653	.5556228	.3114294	.1066155
#1	3.591214	33.96592	.3479171	.0024685	2.530073	.4020738	.6717466
#2	3.601757	33.92394	.3512359	.0014111	2.508981	.4014906	.6720386
#3	3.591457	33.94157	.3485890	.0020260	2.503658	.4038937	.6731081

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.110097	.0454472	.0059161	.0045087	1.677583	4.017071	11.44483
Stddev	.027899	.0200525	.0001364	.0012926	.000842	.003982	.02975
%RSD	.3440002	44.12274	2.304658	28.66812	.0502022	.0991264	.2599233
#1	8.139271	.0681607	.0060205	.0030771	1.677243	4.018155	11.41127
#2	8.083678	.0301947	.0059661	.0048592	1.678542	4.012660	11.45530
#3	8.107342	.0379862	.0057619	.0055899	1.676964	4.020399	11.46793

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1892-09 Acquired: 4/30/2025 21:00:25 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.7509975	.3269864	-.235267
Stddev	.0032324	.0010536	.003575
%RSD	.4304132	.3222241	1.519430
#1	.7546523	.3275611	-.239005
#2	.7498259	.3257704	-.231882
#3	.7485143	.3276277	-.234914

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4060.249	97583.18	15669.45	2666.354	4632.605
Stddev	3.875	88.56	65.53	8.747	7.012
%RSD	.0954281	.0907582	.4181963	.3280478	.1513709
#1	4064.437	97529.28	15742.69	2656.312	4640.678
#2	4056.792	97534.86	15616.36	2670.446	4628.027
#3	4059.519	97685.39	15649.29	2672.305	4629.110

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: PB167781BL Acquired: 4/30/2025 21:04:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	-.000018	-.000557	-.000050	-.003335	.0003667	F .0536712
Stddev	.000623	.001138	.000982	.002891	.0013070	.0038286
%RSD	3495.866	204.1180	1943.903	86.68244	356.4237	7.133345
#1	-.000705	.000745	-.001105	-.000092	.0014030	.0564093
#2	.000511	-.001358	.000836	-.004273	-.001102	.0553079
#3	.000141	-.001059	.000118	-.005640	.000799	.0492963

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030252	.0000564	.0000222	.0296324	-.000302	-.000248
Stddev	.0002633	.0000205	.0000580	.0091727	.000172	.000487
%RSD	8.704712	36.41053	262.0133	30.95498	57.01144	196.0708
#1	.0027231	.0000774	-.000005	.0246200	-.000343	.000302
#2	.0032062	.0000555	.000089	.0402192	-.000451	-.000423
#3	.0031463	.0000364	-.000017	.0240581	-.000113	-.000624

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001415	F .2944497	.0031959	.0171957	.0000765	-.000222
Stddev	.0002728	.0101739	.0001134	.0135632	.0003142	.000181
%RSD	192.8732	3.455223	3.547906	78.87527	410.6267	81.48044
#1	-.000150	.3059229	.0033255	.0146936	-.000108	-.000374
#2	.000391	.2909000	.0031148	.0050578	.000439	-.000270
#3	.000183	.2865262	.0031474	.0318358	-.000102	-.000022

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.096890	-.001584	-.000069	.0613430	-.004736	-.000218
Stddev	.003367	.000907	.000419	.0226860	.000435	.000199
%RSD	3.474999	57.28882	610.6284	36.98220	9.189660	91.04618
#1	-.100766	-.002116	.000030	.0778989	-.004652	-.000415
#2	-.094687	-.002099	-.000528	.0706458	-.004349	-.000017
#3	-.095218	-.000536	.000293	.0354843	-.005207	-.000223

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: PB167781BL Acquired: 4/30/2025 21:04:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	-.001730	.0019300	-.002541	.0061762	-.002334	-.004019
Stddev	.000104	.0004100	.016265	.0044366	.004407	.001583
%RSD	5.991540	21.24483	640.1452	71.83330	188.8174	39.38573
#1	-.001829	.0023809	-.008143	.0091604	-.007286	-.003144
#2	-.001622	.0018294	.015785	.0082902	.001159	-.003067
#3	-.001740	.0015796	-.015264	.0010780	-.000876	-.005846

Elem	Sr4077
Units	ppm
Avg	-.000221
Stddev	.000058
%RSD	26.40688
#1	-.000208
#2	-.000286
#3	-.000171

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3243.552	76166.40	11578.30	2089.082	5270.153
Stddev	6.003	337.48	21.05	12.768	14.599
%RSD	.1850700	.4430815	.1817948	.6111923	.2770136
#1	3242.561	76207.07	11602.18	2074.573	5258.903
#2	3238.107	76481.71	11562.46	2098.607	5264.904
#3	3249.989	75810.44	11570.25	2094.066	5286.650

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: CCV05 Acquired: 4/30/2025 21:08:56 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.965494	5.156098	5.069930	4.942938	4.957703	9.805029	9.679688
Stddev	.025061	.018071	.005393	.027023	.022972	.013944	.013971
%RSD	.5046959	.3504760	.1063635	.5467047	.4633670	.1422091	.1443331
#1	4.941559	5.176861	5.073907	4.914096	4.940969	9.802571	9.689627
#2	4.963378	5.143918	5.072090	4.947045	4.948245	9.792477	9.685722
#3	4.991546	5.147515	5.063792	4.967672	4.983894	9.820038	9.663714

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2516309	2.530114	25.00235	1.052715	2.507539	1.238332	5.061379
Stddev	.0020855	.003734	.10141	.003464	.002349	.003662	.013073
%RSD	.8287805	.1475953	.4056038	.3290601	.0936961	.2957391	.2582930
#1	.2539413	2.531888	25.11750	1.056675	2.509240	1.235465	5.064300
#2	.2510638	2.532632	24.96319	1.051220	2.504858	1.237075	5.072743
#3	.2498876	2.525824	24.92636	1.050249	2.508518	1.242458	5.047092

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.436581	25.51546	2.510609	1.255980	23.13868	2.475236	2.504461
Stddev	.006907	.09166	.000036	.004394	.09265	.009437	.002180
%RSD	.2834904	.3592509	.0014157	.3498497	.4004156	.3812417	.0870429
#1	2.444540	25.60571	2.510627	1.260949	23.03260	2.485538	2.506945
#2	2.432142	25.51824	2.510631	1.254380	23.17977	2.473159	2.503569
#3	2.433063	25.42244	2.510568	1.252610	23.20369	2.467011	2.502868

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.08313	4.892468	5.041101	5.069448	4.878424	4.998064	4.977516
Stddev	.12585	.030093	.012627	.011172	.009169	.023250	.014251
%RSD	.5225722	.6150972	.2504711	.2203709	.1879560	.4651855	.2863132
#1	23.94455	4.927205	5.027272	5.076202	4.878697	4.981267	4.988766
#2	24.11454	4.875889	5.044017	5.075589	4.869121	4.988326	4.961491
#3	24.19030	4.874311	5.052015	5.056553	4.887454	5.024600	4.982292

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: CCV05 Acquired: 4/30/2025 21:08:56 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.864656	4.552199	4.902327
Stddev	.020665	.006234	.051569
%RSD	.4247964	.1369461	1.051920
#1	4.852462	4.547025	4.843584
#2	4.852989	4.550452	4.923260
#3	4.888515	4.559121	4.940137

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3141.099	74833.85	11654.40	1991.922	4847.592
Stddev	9.755	261.12	94.34	8.142	12.301
%RSD	.3105484	.3489392	.8094459	.4087601	.2537568
#1	3148.385	74581.02	11549.32	1990.815	4848.098
#2	3130.017	74817.99	11682.09	1984.391	4835.045
#3	3144.895	75102.55	11731.80	2000.562	4859.632

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: CCB05 Acquired: 4/30/2025 21:13:09 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030139	.0006991	.0016564	-.004753	.0033323	.0087001	.0030852
Stddev	.0015841	.0035996	.0013589	.002231	.0011585	.0012839	.0002617
%RSD	52.56091	514.9270	82.03749	46.94287	34.76669	14.75749	8.482559
#1	.0020252	.0042884	.0001011	-.006480	.0022701	.0091290	.0029066
#2	.0048410	.0007195	.0026140	-.005546	.0045676	.0097147	.0033856
#3	.0021755	-.002911	.0022541	-.002234	.0031592	.0072566	.0029634

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001116	.0009352	.0206130	.0001792	.0007649	.0003995	.0111233
Stddev	.0000392	.0000623	.0112455	.0001957	.0000603	.0002397	.0037812
%RSD	35.07793	6.663055	54.55525	109.2281	7.884076	59.99227	33.99329
#1	.0001367	.0009497	.0255121	-.000035	.0007065	.0003304	.0068334
#2	.0001316	.0009890	.0077491	.000223	.0008269	.0002020	.0125651
#3	.0000665	.0008670	.0285780	.000349	.0007614	.0006662	.0139715

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014253	.0134063	.0008718	.0003826	-.074652	.0012236	.0005032
Stddev	.0003747	.0139206	.0004518	.0003670	.013690	.0004710	.0003910
%RSD	26.28664	103.8366	51.82028	95.94122	18.33857	38.49769	77.69840
#1	.0013627	.0021298	.0004500	.0002843	-.089319	.0006801	.0008964
#2	.0018273	.0289650	.0008169	.0000747	-.072425	.0014767	.0001145
#3	.0010859	.0091241	.0013485	.0007887	-.062212	.0015140	.0004987

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0638401	.0023906	.0019316	.0001959	.0031824	.0015192	.0046662
Stddev	.0118758	.0008969	.0002573	.0006156	.0001503	.0004215	.0031512
%RSD	18.60244	37.51705	13.32180	314.2541	4.723705	27.74751	67.53270
#1	.0643252	.0032487	.0021713	.0008254	.0030692	.0011328	.0060487
#2	.0754659	.0024636	.0019637	.0001673	.0033529	.0019688	.0068899
#3	.0517291	.0014594	.0016597	-.000405	.0031250	.0014560	.0010601

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: CCB05 Acquired: 4/30/2025 21:13:09 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB05 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001902	-.002123	.0023096
Stddev	.001037	.001214	.0005603
%RSD	54.53129	57.18688	24.26106
#1	-.001226	-.002458	.0016631
#2	-.003097	-.003135	.0026556
#3	-.001384	-.000777	.0026100

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3276.836	79906.84	12073.90	2141.613	5381.058
Stddev	8.585	221.22	57.94	19.208	4.558
%RSD	.2619908	.2768488	.4799071	.8968869	.0847052
#1	3266.956	80143.08	12013.62	2159.542	5375.951
#2	3281.069	79872.88	12078.88	2143.956	5382.510
#3	3282.482	79704.57	12129.18	2121.342	5384.713

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: PB167781BS Acquired: 4/30/2025 21:17:29 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.7717809	2.043511	.9735628	1.920392	.7746536	1.977151
Stddev	.0066186	.001735	.0019587	.008085	.0028562	.158326
%RSD	.8575751	.0848898	.2011846	.4209905	.3687098	8.007771
#1	.7792565	2.045071	.9758244	1.928040	.7779510	1.886751
#2	.7666676	2.043818	.9724492	1.921204	.7730634	2.159966
#3	.7694186	2.041643	.9724148	1.911932	.7729463	1.884735

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1862455	.2098449	.1969742	1.058750	.3991175	.1910007
Stddev	.0154271	.0130698	.0004041	.077938	.0023274	.0003861
%RSD	8.283223	6.228312	.2051776	7.361338	.5831252	.2021345
#1	.1786007	.2035593	.1973390	1.022313	.4018046	.1914245
#2	.2040022	.2248699	.1970438	1.148233	.3978084	.1909086
#3	.1761336	.2011054	.1965398	1.005704	.3977395	.1906689

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2974087	2.927606	.1978396	1.987964	.4834400	.0728885
Stddev	.0009298	.051512	.0163189	.173608	.0008954	.0006446
%RSD	.3126275	1.759540	8.248575	8.732974	.1852163	.8843641
#1	.2984369	2.910439	.1883462	1.914804	.4840138	.0731397
#2	.2971622	2.985509	.2166830	2.186178	.4838980	.0733696
#3	.2966270	2.886868	.1884898	1.862910	.4824083	.0721561

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.424084	.2944329	.1943718	8.776085	.3131220	.3992421
Stddev	.047407	.0225879	.0017468	.136315	.0206660	.0004831
%RSD	1.955668	7.671667	.8986728	1.553257	6.599985	.1209975
#1	2.408022	.2835974	.1948794	8.657381	.3034650	.3997917
#2	2.477435	.3203971	.1958085	8.924957	.3368487	.3990498
#3	2.386794	.2793041	.1924274	8.745916	.2990524	.3988848

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: PB167781BS Acquired: 4/30/2025 21:17:29 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.7061980	.1997025	.7897957	5.791065	F -.014872	.1932129
Stddev	.0040022	.0142352	.0177477	.016573	.002213	.0161121
%RSD	.5667259	7.128222	2.247127	.2861895	14.87787	8.339038
#1	.7082281	.1928916	.7753122	5.809055	-.012412	.1839207
#2	.7087784	.2160637	.8095934	5.787725	-.016700	.2118176
#3	.7015876	.1901522	.7844815	5.776416	-.015503	.1839006

Elem	Sr4077
Units	ppm
Avg	.1950982
Stddev	.0154476
%RSD	7.917863
#1	.1869808
#2	.2129123
#3	.1854016

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3232.912	78273.64	11124.27	2129.472	5157.032
Stddev	7.026	318.30	653.79	9.057	10.963
%RSD	.2173301	.4066496	5.877149	.4253157	.2125817
#1	3225.768	77919.90	11413.51	2123.508	5145.493
#2	3239.814	78364.13	10375.75	2125.014	5167.309
#3	3233.155	78536.90	11583.55	2139.894	5158.292

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1902-02 Acquired: 4/30/2025 21:21:33 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0546834	.0053188	9.138428	-.006553	.0036686	67.13212	1.689339
Stddev	.0058309	.0019320	.014271	.002284	.0016940	.13356	.002475
%RSD	10.66295	36.32456	.1561647	34.85099	46.17478	.1989456	.1465154
#1	.0479622	.0031767	9.152615	-.005357	.0034625	67.11182	1.688306
#2	.0576999	.0058501	9.138595	-.005116	.0054562	67.00987	1.687548
#3	.0583881	.0069296	9.124075	-.009187	.0020871	67.27466	1.692164

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055744	.0001605	122.9484	.2475066	.0667186	.5426105	182.1688
Stddev	.0000721	.0001725	.3777	.0008412	.0001708	.0012871	.5613
%RSD	1.293818	107.4523	.3072246	.3398877	.2559642	.2372116	.3081160
#1	.0056304	.0002156	122.7942	.2465401	.0667668	.5413139	181.8857
#2	.0054931	.0002988	122.6721	.2480741	.0668601	.5438879	181.8054
#3	.0055999	-.000033	123.3788	.2479056	.0665289	.5426297	182.8153

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.262200	30.07222	.2123404	.0103107	1.868347	.2397418	1.300379
Stddev	.009709	.16858	.0014343	.0005761	.020175	.0004189	.002688
%RSD	.4291735	.5605890	.6754659	5.587019	1.079829	.1747209	.2067474
#1	2.255517	30.01186	.2123683	.0099669	1.849260	.2395092	1.302711
#2	2.257746	29.94212	.2137605	.0099895	1.866322	.2402253	1.300988
#3	2.273337	30.26267	.2108924	.0109758	1.889458	.2394908	1.297438

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.04721	.0256784	.0057613	.1207322	2.263785	4.571035	6.613137
Stddev	.03745	.0035152	.0003732	.0016228	.003673	.011420	.021252
%RSD	.3389934	13.68922	6.478628	1.344145	.1622465	.2498447	.3213632
#1	11.08001	.0218209	.0061515	.1193838	2.263645	4.574291	6.632556
#2	11.05522	.0287009	.0057246	.1202794	2.260185	4.580473	6.590434
#3	11.00641	.0265135	.0054078	.1225333	2.267527	4.558339	6.616420

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1902-02 Acquired: 4/30/2025 21:21:33 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	1.866404	.1381705	.1816116
Stddev	.003776	.0009346	.0001526
%RSD	.2023077	.6763833	.0840495
#1	1.870005	.1374274	.1817844
#2	1.862475	.1378644	.1815552
#3	1.866732	.1392197	.1814951

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3338.174	79842.54	12518.32	2170.466	4723.208
Stddev	9.542	129.57	41.89	10.671	7.050
%RSD	.2858585	.1622757	.3346555	.4916444	.1492525
#1	3347.141	79833.94	12515.11	2161.606	4730.376
#2	3328.145	79976.19	12561.73	2182.312	4716.283
#3	3339.238	79717.49	12478.12	2167.481	4722.966

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1901-03 Acquired: 4/30/2025 21:25:39 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0376146	-.005933	2.230878	-.008228	-.003609	98.51777	1.014120
Stddev	.0069171	.002334	.005287	.000639	.002276	.24384	.002764
%RSD	18.38928	39.34778	.2369703	7.765310	63.07287	.2475090	.2725600
#1	.0433140	-.007843	2.234376	-.008571	-.002566	98.38661	1.014064
#2	.0299190	-.006625	2.233462	-.008623	-.006220	98.36759	1.011384
#3	.0396109	-.003331	2.224797	-.007491	-.002041	98.79912	1.016911

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055415	-.000947	240.0204	.2254717	.1021749	.8337361	207.4030
Stddev	.0000562	.000239	.7260	.0005969	.0005965	.0037386	.9498
%RSD	1.014511	25.23356	.3024728	.2647097	.5837812	.4484138	.4579587
#1	.0054781	-.000720	239.5687	.2256119	.1027833	.8361880	207.7940
#2	.0055610	-.001196	239.6346	.2259860	.1021503	.8355871	208.0949
#3	.0055854	-.000926	240.8578	.2248173	.1015912	.8294331	206.3201

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.197009	58.64140	.2568720	.0041341	3.437180	.2552903	1.072469
Stddev	.006103	.16815	.0011529	.0003221	.002200	.0012560	.001566
%RSD	.1909113	.2867437	.4488168	7.791640	.0640028	.4920014	.1459990
#1	3.197522	58.46950	.2568812	.0045005	3.439239	.2539904	1.074015
#2	3.190665	58.64918	.2580202	.0040062	3.437439	.2564973	1.072509
#3	3.202840	58.80554	.2557145	.0038955	3.434862	.2553831	1.070884

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.20098	.1113499	.0121283	.1839616	6.504866	5.409383	10.88025
Stddev	.09532	.0081622	.0009527	.0022691	.017455	.013586	.07174
%RSD	.2960094	7.330245	7.855478	1.233480	.2683346	.2511599	.6593865
#1	32.22200	.1166687	.0124480	.1842265	6.502605	5.402786	10.95195
#2	32.28403	.1154287	.0110568	.1860867	6.488652	5.425008	10.88035
#3	32.09690	.1019522	.0128800	.1815717	6.523341	5.400355	10.80846

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1901-03 Acquired: 4/30/2025 21:25:39 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.827139	.2174784	.5287454
Stddev	.030986	.0001660	.0039351
%RSD	.5317450	.0763320	.7442388
#1	5.848800	.2176300	.5286846
#2	5.840969	.2175042	.5248410
#3	5.791646	.2173010	.5327106

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3182.405	77035.72	12715.40	2063.488	4444.366
Stddev	8.944	457.47	25.52	6.137	15.382
%RSD	.2810419	.5938437	.2007034	.2974002	.3461059
#1	3176.932	77111.36	12743.81	2061.060	4438.781
#2	3177.558	76545.15	12707.96	2058.936	4432.556
#3	3192.727	77450.66	12694.42	2070.467	4461.760

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1901-04 Acquired: 4/30/2025 21:29:43 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.1043251	.0135364	.2041655	-.009033	-.009902	131.4282
Stddev	.0015969	.0011770	.0037419	.009646	.001464	.1966
%RSD	1.530680	8.694746	1.832767	106.7840	14.78236	.1496132
#1	.1037505	.0137640	.1998815	-.004567	-.008615	131.5537
#2	.1061298	.0122623	.2058200	-.002430	-.009596	131.5293
#3	.1030950	.0145830	.2067949	-.020103	-.011494	131.2016

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2396434	.0104882	.0081710	17.84607	.3404984	.1352672
Stddev	.0010162	.0000585	.0021628	.03619	.0003884	.0040327
%RSD	.4240616	.5576084	26.46979	.2028086	.1140588	2.981254
#1	.2390583	.0104498	.0070916	17.82217	.3403839	.1332137
#2	.2408169	.0105555	.0067603	17.88771	.3409312	.1326745
#3	.2390551	.0104593	.0106611	17.82833	.3401802	.1399132

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1949404	332.0431	2.305300	57.83289	.2896647	.0009767
Stddev	.0119008	1.5084	.005317	.06253	.0072086	.0003105
%RSD	6.104845	.4542834	.2306456	.1081231	2.488612	31.79241
#1	.1877838	332.3094	2.299211	57.90442	.2855740	.0006182
#2	.1883591	333.4007	2.309027	57.78864	.2854320	.0011503
#3	.2086782	330.4193	2.307662	57.80560	.2979881	.0011617

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.40643	.4104735	.7312916	22.09159	-.065204	.0074190
Stddev	.07958	.0003719	.0048121	.09835	.008196	.0002060
%RSD	.5935623	.0906057	.6580246	.4451785	12.56984	2.776621
#1	13.39679	.4100585	.7332241	22.08478	-.066324	.0073467
#2	13.49039	.4107767	.7258137	22.19316	-.056506	.0072588
#3	13.33212	.4105854	.7348370	21.99682	-.072782	.0076514

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1901-04 Acquired: 4/30/2025 21:29:43 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0025377	2.601951	6.391372	6.500697	F 204.4201	.3896586
Stddev	.0009333	.007219	.034819	.132018	5.0742	.0023837
%RSD	36.77537	.2774645	.5447751	2.030831	2.482217	.6117329
#1	.0026330	2.601300	6.383528	6.429666	201.5885	.3883424
#2	.0034196	2.609474	6.429443	6.419401	201.3937	.3924102
#3	.0015604	2.595079	6.361144	6.653023	210.2782	.3882233

Elem	Sr4077
Units	ppm
Avg	-.100431
Stddev	.001162
%RSD	1.157511
#1	-.100612
#2	-.101493
#3	-.099189

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3492.229	86266.40	13191.74	2286.837	4496.522
Stddev	54.576	240.32	8.86	7.151	90.057
%RSD	1.562772	.2785838	.0671705	.3127109	2.002805
#1	3526.030	86101.57	13191.66	2278.975	4544.152
#2	3521.390	86155.48	13200.64	2292.955	4552.762
#3	3429.268	86542.15	13182.91	2288.580	4392.653

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1901-05 Acquired: 4/30/2025 21:33:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0194259	-.000952	.0672216	.0069715	-.003487	154.4163
Stddev	.0028159	.003606	.0016999	.0064631	.002229	.4090
%RSD	14.49585	378.8581	2.528771	92.70865	63.91463	.2648711
#1	.0226618	.003208	.0661730	.0134841	-.005056	154.8886
#2	.0175325	-.002884	.0663088	.0068712	-.004469	154.1829
#3	.0180833	-.003180	.0691828	.0005590	-.000936	154.1776

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0735825	.0033221	-.003045	17.42747	.1609824	.0367700
Stddev	.0011126	.0000481	.000236	.06027	.0008987	.0006332
%RSD	1.512025	1.446801	7.755511	.3458570	.5582446	1.721933
#1	.0743917	.0032767	-.002782	17.43826	.1600042	.0372511
#2	.0740420	.0033170	-.003113	17.48162	.1611717	.0370062
#3	.0723137	.0033725	-.003240	17.36253	.1617714	.0360527

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0493020	116.2278	.7562495	25.37630	.1122944	.0017797
Stddev	.0020380	.4199	.0020014	.11445	.0003500	.0001573
%RSD	4.133599	.3612606	.2646465	.4509936	.3117085	8.836629
#1	.0511120	115.7905	.7585363	25.29460	.1122660	.0018274
#2	.0496994	116.2651	.7548173	25.50710	.1126577	.0016041
#3	.0470946	116.6278	.7553949	25.32720	.1119594	.0019076

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.530309	.1965673	.1751559	6.637342	.1326647	.0034043
Stddev	.048270	.0019183	.0002853	.029109	.0037704	.0002091
%RSD	.5658686	.9759223	.1628783	.4385612	2.842045	6.142430
#1	8.551584	.1983222	.1753622	6.619224	.1321768	.0033249
#2	8.475055	.1945192	.1752751	6.621883	.1291620	.0036415
#3	8.564286	.1968604	.1748303	6.670919	.1366553	.0032466

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1901-05 Acquired: 4/30/2025 21:33:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0004923	2.622644	F 16.90483	3.308289	F 47.94661	.1600577
Stddev	.0007460	.008995	.06037	.035191	.30606	.0004991
%RSD	151.5558	.3429629	.3571007	1.063714	.6383295	.3118219
#1	-.000278	2.630564	16.87164	3.343827	48.19888	.1601265
#2	.000544	2.612865	16.86833	3.307584	48.03482	.1605188
#3	.001211	2.624503	16.97451	3.273456	47.60614	.1595278

Elem	Sr4077
Units	ppm
Avg	.1086270
Stddev	.0013571
%RSD	1.249341
#1	.1101586
#2	.1075741
#3	.1081483

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3215.869	76621.67	12328.22	2082.909	4769.529
Stddev	6.013	488.56	72.67	8.764	13.748
%RSD	.1869827	.6376283	.5894638	.4207538	.2882363
#1	3209.583	77151.46	12356.15	2089.637	4753.844
#2	3216.458	76188.88	12245.73	2072.999	4775.256
#3	3221.566	76524.67	12382.78	2086.092	4779.488

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1902-02 Acquired: 4/30/2025 21:37:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0625106	.0051157	.6762636	.0053005	-.005216	126.4256	.9281052
Stddev	.0031361	.0010259	.0023866	.0083453	.001999	.2264	.0045524
%RSD	5.016981	20.05405	.3529135	157.4434	38.31983	.1791138	.4905039
#1	.0598104	.0050446	.6735802	.0140005	-.006770	126.4908	.9233746
#2	.0659504	.0041271	.6770617	-.002638	-.002961	126.1737	.9324555
#3	.0617709	.0061752	.6781489	.004539	-.005918	126.6123	.9284854

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083513	-.000948	17.19319	.2227470	.1053466	.2344837	241.5300
Stddev	.0000369	.000629	.02390	.0005647	.0004101	.0021309	1.4746
%RSD	.4422503	66.36306	.1390305	.2535130	.3893100	.9087454	.6105105
#1	.0083810	-.001518	17.16654	.2222917	.1051116	.2336328	240.8856
#2	.0083100	-.001053	17.21275	.2233789	.1058202	.2329097	243.2171
#3	.0083631	-.000273	17.20027	.2225705	.1051081	.2369085	240.4874

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.841364	34.74717	.1998350	.0039645	2.764034	.3056137	.9980874
Stddev	.016321	.09098	.0008866	.0004595	.032565	.0014745	.0021800
%RSD	.2793982	.2618316	.4436837	11.59001	1.178179	.4824770	.2184157
#1	5.823819	34.70340	.1988366	.0041868	2.744487	.3048121	.9974855
#2	5.856094	34.68635	.2005305	.0042707	2.801627	.3047137	.9962716
#3	5.844181	34.85177	.2001379	.0034362	2.745989	.3073154	1.000505

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.18388	.0913134	.0014680	.1733727	3.849534	7.784825	7.032226
Stddev	.05726	.0099823	.0002970	.0018183	.004229	.035063	.043167
%RSD	.4343148	10.93192	20.23029	1.048754	.1098584	.4503959	.6138385
#1	13.14094	.0888819	.0016298	.1716268	3.845798	7.779600	6.984657
#2	13.24889	.1022868	.0011252	.1752556	3.848680	7.822207	7.068903
#3	13.16180	.0827714	.0016489	.1732358	3.854125	7.752668	7.043120

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1902-02 Acquired: 4/30/2025 21:37:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	1.027201	.2356912	-.118808
Stddev	.008301	.0016073	.001164
%RSD	.8081035	.6819376	.9794747
#1	1.022406	.2350851	-.118462
#2	1.036787	.2375134	-.120105
#3	1.022412	.2344751	-.117856

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3477.332	83604.34	13707.17	2309.407	4719.178
Stddev	15.305	121.43	46.16	3.107	27.256
%RSD	.4401222	.1452422	.3367646	.1345502	.5775517
#1	3493.518	83555.97	13730.78	2309.993	4750.320
#2	3475.382	83514.55	13736.75	2312.179	4707.542
#3	3463.096	83742.50	13653.98	2306.048	4699.672

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1902-02DUP Acquired: 4/30/2025 21:42:03 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0592864	.0070585	.6869162	.0047177	-.002871	120.1017	.8844671
Stddev	.0028847	.0026159	.0050592	.0015638	.001740	.4349	.0006848
%RSD	4.865730	37.05982	.7365071	33.14759	60.60499	.3620999	.0774241
#1	.0623876	.0094284	.6923911	.0038455	-.000869	120.5575	.8852116
#2	.0587888	.0074954	.6859435	.0065231	-.003723	120.0563	.8838640
#3	.0566829	.0042517	.6824140	.0037845	-.004020	119.6913	.8843258

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082859	-.000310	17.20739	.2207482	.0960268	.2221845	222.6638
Stddev	.0001072	.000158	.05697	.0020908	.0003657	.0009649	1.5975
%RSD	1.294176	50.92909	.3310752	.9471363	.3807819	.4342715	.7174670
#1	.0082225	-.000274	17.26880	.2210616	.0964425	.2231132	223.3771
#2	.0084098	-.000483	17.19710	.2226645	.0958830	.2211871	223.7805
#3	.0082256	-.000173	17.15626	.2185183	.0957549	.2222533	220.8339

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.349693	32.54845	.1828630	.0024460	2.452909	.2994491	.9521645
Stddev	.025546	.25595	.0014141	.0001394	.021262	.0033746	.0112240
%RSD	.4775201	.7863541	.7732834	5.700347	.8668145	1.126949	1.178784
#1	5.378117	32.82165	.1840417	.0025077	2.441497	.3032843	.9533913
#2	5.342312	32.50947	.1832522	.0025438	2.477441	.2981283	.9627247
#3	5.328650	32.31424	.1812951	.0022863	2.439789	.2969346	.9403776

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.02640	.0269492	.0014710	.0116897	3.699123	8.635863	7.030906
Stddev	.06335	.0030170	.0002538	.0020943	.018917	.067022	.043576
%RSD	.5267605	11.19521	17.25235	17.91532	.5113917	.7760907	.6197728
#1	12.01321	.0303678	.0013602	.0131798	3.720936	8.693328	7.079023
#2	12.09531	.0246594	.0012915	.0125941	3.689219	8.652024	7.019591
#3	11.97069	.0258202	.0017614	.0092952	3.687215	8.562238	6.994103

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1902-02DUP Acquired: 4/30/2025 21:42:03 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	1.055394	.2191058	-.107327
Stddev	.004692	.0015368	.001521
%RSD	.4445891	.7014145	1.417123
#1	1.055337	.2202284	-.107781
#2	1.060114	.2197347	-.108570
#3	1.050731	.2173543	-.105631

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3566.118	84973.99	13276.27	2333.759	4896.724
Stddev	9.008	670.62	28.68	12.681	20.075
%RSD	.2525932	.7892031	.2160189	.5433844	.4099687
#1	3562.336	85190.38	13269.69	2332.599	4883.119
#2	3559.619	84221.89	13251.45	2321.697	4887.273
#3	3576.401	85509.70	13307.66	2346.980	4919.780

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1902-02LX5 Acquired: 4/30/2025 21:46:08 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0111671	.0016423	.1360434	-.002792	-.001551	26.23877	.1857928
Stddev	.0032945	.0016559	.0010921	.003108	.001813	.03378	.0007534
%RSD	29.50165	100.8278	.8027266	111.3335	116.8513	.1287253	.4055106
#1	.0076603	-.000104	.1354354	.000621	-.003552	26.27490	.1849473
#2	.0141974	.001841	.1353907	-.005461	-.001084	26.23344	.1860384
#3	.0116436	.003190	.1373042	-.003536	-.000018	26.20798	.1863928

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018711	-.000807	3.690832	.0479147	.0199798	.0549382	47.48177
Stddev	.0000697	.000123	.006625	.0004155	.0002646	.0000895	.27388
%RSD	3.725984	15.27527	.1794959	.8671677	1.324271	.1629912	.5768094
#1	.0019379	-.000807	3.694502	.0478974	.0199725	.0550083	47.44248
#2	.0017988	-.000684	3.694811	.0475081	.0197189	.0549691	47.22965
#3	.0018768	-.000930	3.683185	.0483385	.0202479	.0548373	47.77317

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.202637	7.296200	.0379521	.0001965	.4500588	.0626155	.2096707
Stddev	.002653	.016062	.0004069	.0002706	.0103758	.0012015	.0009654
%RSD	.2205828	.2201477	1.072242	137.7007	2.305422	1.918908	.4604529
#1	1.199645	7.284146	.0378099	-.000095	.4605118	.0639675	.2102224
#2	1.203564	7.290019	.0384111	.000439	.4499026	.0616699	.2085560
#3	1.204702	7.314434	.0376355	.000246	.4397621	.0622091	.2102338

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.526082	-.009299	.0001756	.0346517	.8054431	1.668090	1.377995
Stddev	.017645	.001603	.0001406	.0007701	.0016576	.017430	.005815
%RSD	.6985315	17.23630	80.05087	2.222351	.2058039	1.044897	.4220237
#1	2.531195	-.009294	.0003278	.0350911	.8038062	1.678648	1.383613
#2	2.506445	-.010905	.0001485	.0351014	.8071207	1.647972	1.378373
#3	2.540607	-.007699	.0000506	.0337625	.8054023	1.677649	1.372000

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1902-02LX5 Acquired: 4/30/2025 21:46:08 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.1930970	.0437482	-.022357
Stddev	.0021501	.0007101	.000273
%RSD	1.113485	1.623218	1.220225
#1	.1932481	.0439789	-.022392
#2	.1908754	.0429514	-.022069
#3	.1951677	.0443142	-.022611

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3318.665	79329.46	12105.78	2175.638	5122.434
Stddev	7.403	633.64	14.25	13.130	15.167
%RSD	.2230652	.7987452	.1176932	.6034795	.2960969
#1	3310.285	79069.20	12099.41	2174.284	5117.282
#2	3321.397	80051.79	12122.10	2189.392	5110.515
#3	3324.314	78867.39	12095.83	2163.238	5139.507

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1902-02MS Acquired: 4/30/2025 21:50:21 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.7541252	1.963843	1.782445	1.614977	.2843318	156.9581	1.116182
Stddev	.0051451	.008265	.012298	.003506	.0017547	.3372	.003090
%RSD	.6822624	.4208424	.6899260	.2170936	.6171300	.2148330	.2768814
#1	.7504024	1.956065	1.792005	1.617316	.2846889	157.0995	1.116622
#2	.7599963	1.962943	1.786758	1.610945	.2858805	157.2017	1.119029
#3	.7519768	1.972521	1.768571	1.616668	.2824260	156.5733	1.112895

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1968698	.2087435	20.92164	.6284796	.3162044	.5334205	244.6539
Stddev	.0004318	.0022053	.07810	.0076943	.0013866	.0074871	1.9930
%RSD	.2193239	1.056454	.3732814	1.224279	.4385104	1.403597	.8146395
#1	.1973124	.2104703	20.92561	.6238099	.3170935	.5392698	243.0994
#2	.1964497	.2095008	20.99767	.6242685	.3169130	.5360091	243.9616
#3	.1968473	.2062593	20.84163	.6373603	.3146067	.5249826	246.9008

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.831212	44.18678	.7324404	.0678591	4.861044	.5953758	1.358103
Stddev	.021835	.13720	.0042820	.0006801	.049303	.0063664	.020362
%RSD	.3744467	.3105099	.5846152	1.002161	1.014256	1.069305	1.499314
#1	5.831968	44.22129	.7355129	.0676809	4.804183	.5948088	1.340596
#2	5.852659	44.30344	.7342589	.0672860	4.887036	.6020068	1.353265
#3	5.809009	44.03562	.7275493	.0686106	4.891914	.5893119	1.380449

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.50238	.1149939	.3503628	.6905168	4.318181	8.515013	13.67990
Stddev	.24477	.0094874	.0021343	.0030791	.019641	.087007	.07576
%RSD	1.087770	8.250379	.6091638	.4459072	.4548486	1.021807	.5538211
#1	22.29130	.1096999	.3514545	.6936183	4.323411	8.476457	13.73424
#2	22.44515	.1093348	.3517304	.6904714	4.334677	8.453945	13.71211
#3	22.77070	.1259470	.3479035	.6874607	4.296453	8.614635	13.59336

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1902-02MS Acquired: 4/30/2025 21:50:21 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	1.194544	.4476676	.0589091
Stddev	.008893	.0005515	.0025642
%RSD	.7444592	.1231991	4.352836
#1	1.201791	.4471543	.0606699
#2	1.197221	.4482507	.0600903
#3	1.184620	.4475980	.0559672

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3502.249	83216.85	12416.10	2250.555	4704.298
Stddev	11.567	885.37	41.50	28.583	17.642
%RSD	.3302812	1.063935	.3342482	1.270054	.3750273
#1	3495.613	83674.48	12368.52	2272.067	4691.040
#2	3495.529	83779.76	12434.97	2261.476	4697.534
#3	3515.606	82196.32	12444.81	2218.121	4724.322

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: CCV06 Acquired: 4/30/2025 21:54:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.027031	5.109525	5.007122	5.060017	5.005493	9.678002	9.680824
Stddev	.020348	.081901	.014846	.013434	.008519	.033680	.045279
%RSD	.4047789	1.602904	.2965061	.2654974	.1701900	.3480074	.4677205
#1	5.004426	5.196454	5.022072	5.048155	4.995878	9.697561	9.649731
#2	5.043883	5.098311	5.006914	5.074605	5.012100	9.697334	9.732773
#3	5.032785	5.033809	4.992381	5.057290	5.008500	9.639112	9.659967

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2380873	2.500268	24.15756	1.008221	2.485644	1.247449	5.066011
Stddev	.0009580	.009049	.10603	.006244	.006995	.003296	.014558
%RSD	.4023556	.3619209	.4389162	.6192993	.2814241	.2642533	.2873678
#1	.2385569	2.507829	24.15116	1.011795	2.491780	1.243750	5.056335
#2	.2387199	2.502734	24.26664	1.011856	2.487124	1.250075	5.082753
#3	.2369852	2.490242	24.05487	1.001011	2.478027	1.248522	5.058944

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.395440	24.16600	2.491928	1.227418	24.00444	2.428141	2.454284
Stddev	.014798	.11068	.007529	.008057	.20106	.012047	.016872
%RSD	.6177609	.4579791	.3021453	.6564404	.8376105	.4961433	.6874351
#1	2.389785	24.18133	2.499191	1.231979	23.93743	2.432879	2.456589
#2	2.412232	24.26821	2.492436	1.232160	24.23045	2.437099	2.469884
#3	2.384304	24.04846	2.484158	1.218115	23.84544	2.414445	2.436378

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.55430	4.696047	4.998321	5.012436	4.842049	5.070245	4.931647
Stddev	.17296	.028099	.006339	.025185	.013943	.055884	.031192
%RSD	.7043958	.5983550	.1268231	.5024500	.2879651	1.102201	.6324951
#1	24.51927	4.719115	5.001176	5.037046	4.841685	5.096602	4.960862
#2	24.74210	4.704274	5.002731	5.013548	4.856171	5.108077	4.935282
#3	24.40154	4.664753	4.991057	4.986713	4.828292	5.006057	4.898796

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: CCV06 Acquired: 4/30/2025 21:54:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV06 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.958102	4.618111	4.886229
Stddev	.013679	.013005	.043482
%RSD	.2758977	.2816011	.8898885
#1	4.967284	4.618903	4.895789
#2	4.964643	4.630702	4.924136
#3	4.942381	4.604729	4.838763

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3141.307	78107.85	12427.24	2057.157	4851.171
Stddev	8.074	546.88	62.09	12.173	18.442
%RSD	.2570243	.7001589	.4996095	.5917184	.3801474
#1	3144.701	77877.06	12386.29	2054.109	4843.219
#2	3132.090	77714.21	12396.75	2046.798	4838.039
#3	3147.130	78732.30	12498.68	2070.564	4872.254

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: CCB06 Acquired: 4/30/2025 21:58:33 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012784	-.000349	.0023946	-.002949	.0017554	.0191877	-.002419
Stddev	.0041568	.000877	.0008278	.004782	.0010731	.0033613	.001001
%RSD	325.1667	251.4020	34.56896	162.1423	61.13174	17.51770	41.39610
#1	.0041456	-.000487	.0025773	-.001978	.0026070	.0189258	-.002961
#2	-.003489	.000589	.0031158	-.008143	.0021091	.0226723	-.003033
#3	.003178	-.001148	.0014908	.001273	.0005501	.0159652	-.001264

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000446	.0002979	.0288358	-.000551	-.000103	.0003066	.0162712
Stddev	.0000207	.0000213	.0047241	.000568	.000109	.0001463	.0019917
%RSD	46.36981	7.137597	16.38273	103.0837	105.4126	47.72801	12.24053
#1	.0000659	.0002734	.0313753	-.000458	-.000222	.0003178	.0144667
#2	.0000433	.0003118	.0233851	-.000035	-.000077	.0004469	.0184082
#3	.0000246	.0003085	.0317470	-.001159	-.000010	.0001549	.0159387

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049222	.0109808	.0008070	.0001491	-.085527	.0003027	.0030675
Stddev	.0001922	.0100337	.0001512	.0000906	.009399	.0007326	.0001504
%RSD	3.905633	91.37484	18.73061	60.73160	10.99008	242.0340	4.904278
#1	.0047139	.0070098	.0009675	.0002394	-.087378	.0010276	.0029677
#2	.0050929	.0035404	.0006673	.0000583	-.075340	-.000437	.0032405
#3	.0049596	.0223922	.0007863	.0001496	-.093863	.000318	.0029942

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0874220	-.001558	.0009617	.0022110	.0009244	-.004831	.0032903
Stddev	.0174988	.000960	.0002644	.0008739	.0004438	.010987	.0016167
%RSD	20.01642	61.60230	27.49444	39.52453	48.01192	227.4349	49.13351
#1	.1057406	-.000539	.0012430	.0022685	.0006853	.002789	.0043347
#2	.0856470	-.001690	.0009237	.0030547	.0006513	.000144	.0041081
#3	.0708784	-.002444	.0007183	.0013098	.0014365	-.017426	.0014282

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: CCB06 Acquired: 4/30/2025 21:58:33 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB06 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0019201	-.002407	.0009760
Stddev	.0040260	.000975	.0000443
%RSD	209.6704	40.48808	4.535903
#1	-.002630	-.001770	.0009689
#2	.005019	-.003529	.0010234
#3	.003371	-.001923	.0009357

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3276.918	80503.19	12195.17	2178.758	5322.926
Stddev	9.719	96.37	67.72	7.083	8.483
%RSD	.2966022	.1197094	.5553110	.3251140	.1593711
#1	3271.486	80580.58	12250.92	2186.306	5316.905
#2	3288.139	80395.25	12214.78	2172.255	5332.628
#3	3271.129	80533.75	12119.81	2177.714	5319.244

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1902-02MSD Acquired: 4/30/2025 22:02:55 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.7605519	1.969759	1.627224	1.644504	.3041931	135.5472	1.203952
Stddev	.0060466	.026577	.006369	.005235	.0034960	.2804	.002227
%RSD	.7950250	1.349261	.3913933	.3183059	1.149280	.2068331	.1849727
#1	.7571954	1.998247	1.632577	1.644493	.3001689	135.2308	1.202050
#2	.7675322	1.945632	1.628915	1.649744	.3064823	135.7647	1.206402
#3	.7569281	1.965398	1.620181	1.639274	.3059280	135.6461	1.203405

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1821953	.2033691	20.54953	.6039101	.3092247	.4729438	244.9208
Stddev	.0004198	.0008117	.04876	.0004217	.0007158	.0017066	1.1289
%RSD	.2304061	.3991205	.2372806	.0698223	.2314781	.3608393	.4609379
#1	.1824904	.2041613	20.56281	.6041887	.3100481	.4743364	244.4167
#2	.1823808	.2034066	20.59027	.6041166	.3088756	.4734549	246.2139
#3	.1817147	.2025392	20.49550	.6034250	.3087505	.4710401	244.1318

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.213440	40.39328	.7218332	.0709966	5.231075	.5636770	1.168561
Stddev	.020308	.11527	.0016994	.0003223	.033982	.0023275	.003529
%RSD	.2815275	.2853692	.2354309	.4540162	.6496193	.4129228	.3020339
#1	7.217592	40.45343	.7225560	.0707856	5.193874	.5616256	1.166626
#2	7.231351	40.46604	.7230517	.0713677	5.260484	.5662064	1.172634
#3	7.191377	40.26038	.7198919	.0708366	5.238868	.5631989	1.166422

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.79398	.2951987	.3571518	.6852262	4.316363	5.635928	12.80502
Stddev	.16310	.0078105	.0016345	.0011850	.010561	.030625	.05842
%RSD	.6578332	2.645848	.4576437	.1729318	.2446668	.5433841	.4562220
#1	24.64351	.2900052	.3581028	.6855954	4.308799	5.606919	12.86804
#2	24.96731	.3041809	.3580882	.6861827	4.328428	5.667947	12.79436
#3	24.77112	.2914099	.3552645	.6839006	4.311862	5.632918	12.75267

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1902-02MSD Acquired: 4/30/2025 22:02:55 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.9784585	.4433430	.0628785
Stddev	.0053119	.0013072	.0010167
%RSD	.5428805	.2948505	1.616964
#1	.9778228	.4418352	.0622954
#2	.9840596	.4440372	.0622876
#3	.9734931	.4441566	.0640525

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3486.919	83997.46	13579.64	2286.640	4739.772
Stddev	14.323	233.79	15.12	7.053	16.369
%RSD	.4107638	.2783344	.1113157	.3084612	.3453613
#1	3487.846	84183.51	13570.33	2291.506	4732.208
#2	3472.156	83735.03	13571.50	2278.551	4728.553
#3	3500.757	84073.84	13597.08	2289.864	4758.556

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1902-02A Acquired: 4/30/2025 22:06:56 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.7416335	1.875919	1.579844	1.639708	.6969469	126.9275	1.028750
Stddev	.0036986	.016142	.007131	.008349	.0047960	.3976	.003450
%RSD	.4987110	.8604802	.4514015	.5091888	.6881411	.3132220	.3353500
#1	.7381138	1.858195	1.582672	1.630216	.7002769	126.7600	1.025308
#2	.7412984	1.879787	1.571732	1.642994	.6914498	127.3814	1.032208
#3	.7454882	1.889776	1.585128	1.645915	.6991139	126.6411	1.028735

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1791289	.1935386	17.49173	.5606548	.2871206	.4913192	217.3740
Stddev	.0011972	.0003296	.06515	.0009715	.0003835	.0026294	.9900
%RSD	.6683326	.1703210	.3724860	.1732866	.1335752	.5351765	.4554555
#1	.1795864	.1932759	17.53634	.5607932	.2868733	.4903063	216.6076
#2	.1800298	.1934314	17.52189	.5596215	.2869262	.4893468	217.0225
#3	.1777704	.1939085	17.41696	.5615497	.2875625	.4943044	218.4918

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.633853	34.78113	.6540470	.0648565	4.635973	.5377406	1.136349
Stddev	.024141	.20073	.0006234	.0003193	.043549	.0007913	.003361
%RSD	.4284948	.5771274	.0953087	.4922636	.9393655	.1471451	.2957487
#1	5.626953	34.90516	.6539805	.0651141	4.598824	.5374653	1.133657
#2	5.660693	34.88868	.6534595	.0644993	4.625197	.5386327	1.135274
#3	5.613914	34.54953	.6547009	.0649561	4.683898	.5371237	1.140116

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.08480	.2034847	.3654859	.8057105	3.881972	9.192017	12.48848
Stddev	.16368	.0065820	.0017789	.0019633	.008234	.060802	.01962
%RSD	.8149514	3.234625	.4867282	.2436727	.2121140	.6614607	.1571004
#1	19.93763	.1967590	.3637988	.8055990	3.880152	9.196537	12.50153
#2	20.05567	.2037822	.3653147	.8038053	3.890964	9.129082	12.49800
#3	20.26109	.2099129	.3673443	.8077272	3.874801	9.250433	12.46592

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1902-02A Acquired: 4/30/2025 22:06:56 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	1.004029	.3916221	.0629829
Stddev	.003614	.0025273	.0013070
%RSD	.3599518	.6453427	2.075097
#1	1.005678	.3887043	.0628413
#2	.999885	.3930342	.0643549
#3	1.006525	.3931277	.0617526

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3440.591	84848.72	13029.42	2271.718	4764.963
Stddev	12.034	307.36	51.25	11.507	7.973
%RSD	.3497575	.3622493	.3933784	.5065420	.1673210
#1	3443.955	84886.63	12986.73	2280.121	4765.043
#2	3450.585	85135.37	13015.25	2276.430	4772.895
#3	3427.233	84524.16	13086.26	2258.602	4756.950

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1903-01 Acquired: 4/30/2025 22:10:58 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0600385	.0053274	.1371148	.0103601	-.006010	140.4333	.6453752
Stddev	.0015650	.0013458	.0027376	.0025962	.001323	.0937	.0009164
%RSD	2.606744	25.26162	1.996560	25.05968	22.01796	.0666978	.1419998
#1	.0584703	.0056145	.1344825	.0073986	-.006050	140.3379	.6451405
#2	.0600448	.0038612	.1399467	.0114381	-.007312	140.5252	.6445989
#3	.0616004	.0065065	.1369152	.0122437	-.004666	140.4368	.6463861

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070580	-.003855	10.07233	.3410744	.0709626	.1110071	214.9342
Stddev	.0000349	.000145	.03942	.0013405	.0003871	.0000415	.7024
%RSD	.4940821	3.759174	.3913815	.3930260	.5455116	.0373555	.3268006
#1	.0070717	-.004021	10.11294	.3425394	.0712930	.1110508	215.5055
#2	.0070839	-.003752	10.06983	.3407747	.0705367	.1109683	214.1500
#3	.0070183	-.003792	10.03422	.3399092	.0710581	.1110021	215.1472

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.070018	25.80305	.1329124	.0052244	.6368073	.3642716	.3259357
Stddev	.005420	.10955	.0004221	.0005383	.0103716	.0013557	.0009613
%RSD	.5065770	.4245545	.3175999	10.30301	1.628684	.3721782	.2949367
#1	1.074960	25.88611	.1326275	.0055845	.6471359	.3627403	.3270343
#2	1.070874	25.84413	.1327125	.0046056	.6263933	.3647557	.3255239
#3	1.064221	25.67889	.1333974	.0054831	.6368926	.3653188	.3252489

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.936180	.1157034	.0018706	.0037900	2.409332	5.245732	2.754170
Stddev	.046838	.0038713	.0004134	.0010210	.004748	.036308	.011090
%RSD	.5901793	3.345892	22.09899	26.94004	.1970702	.6921391	.4026733
#1	7.899437	.1181462	.0018647	.0042154	2.414811	5.204633	2.750937
#2	7.920183	.1112398	.0014603	.0026250	2.406407	5.259110	2.745056
#3	7.988920	.1177240	.0022870	.0045295	2.406779	5.273453	2.766518

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1903-01 Acquired: 4/30/2025 22:10:58 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.7494921	.1985189	-.103390
Stddev	.0061829	.0006257	.000701
%RSD	.8249457	.3151761	.6782033
#1	.7501830	.1986918	-.103883
#2	.7429928	.1978250	-.102587
#3	.7553005	.1990400	-.103699

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3535.388	86036.57	15114.63	2273.217	4847.126
Stddev	9.016	63.87	65.12	10.709	7.985
%RSD	.2550327	.0742373	.4308585	.4710842	.1647296
#1	3532.435	86050.95	15077.23	2276.475	4839.970
#2	3545.511	86092.03	15076.84	2281.917	4855.739
#3	3528.219	85966.74	15189.83	2261.257	4845.668

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1903-02 Acquired: 4/30/2025 22:15:06 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0921202	.0117160	.3859457	.0141711	-.005520	113.2520	.6609051
Stddev	.0026638	.0026028	.0008003	.0091484	.001049	.3301	.0006571
%RSD	2.891648	22.21584	.2073574	64.55668	19.00492	.2914986	.0994274
#1	.0945793	.0087368	.3864842	.0074746	-.004578	113.6323	.6610063
#2	.0892905	.0128622	.3850261	.0104439	-.005330	113.0384	.6602033
#3	.0924908	.0135489	.3863268	.0245946	-.006651	113.0854	.6615057

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098861	-.001403	14.70978	.3118528	.1089264	.2327392	303.8888
Stddev	.0001141	.000434	.04161	.0007523	.0007853	.0009344	1.5837
%RSD	1.153877	30.91311	.2828875	.2412276	.7209672	.4014948	.5211583
#1	.0099948	-.000911	14.71863	.3119175	.1081932	.2337465	302.1895
#2	.0097673	-.001568	14.66445	.3110702	.1088307	.2319006	304.1533
#3	.0098962	-.001729	14.74625	.3125706	.1097551	.2325705	305.3237

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.544491	21.62104	.1746837	.0061211	.3221125	.4164119	.4552340
Stddev	.007105	.04116	.0003806	.0002579	.0091626	.0002175	.0041885
%RSD	.4600518	.1903873	.2179016	4.213263	2.844523	.0522296	.9200813
#1	1.545179	21.62142	.1744911	.0058398	.3211602	.4163330	.4580416
#2	1.537066	21.57969	.1744378	.0063465	.3134632	.4166578	.4504197
#3	1.551227	21.66201	.1751221	.0061771	.3317140	.4162448	.4572408

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.096176	.1490606	.0142909	.0094696	2.412193	2.415490	3.881642
Stddev	.025046	.0077761	.0005158	.0018677	.005188	.014874	.007562
%RSD	.4108429	5.216766	3.609295	19.72270	.2150569	.6157936	.1948213
#1	6.077962	.1400829	.0142222	.0075993	2.418027	2.401924	3.873592
#2	6.085829	.1536881	.0138128	.0113347	2.408099	2.413149	3.888597
#3	6.124737	.1534108	.0148375	.0094749	2.410453	2.431396	3.882737

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1903-02 Acquired: 4/30/2025 22:15:06 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	1.381452	.2553611	-.184133
Stddev	.006967	.0012295	.001444
%RSD	.5043184	.4814791	.7840659
#1	1.377323	.2563153	-.182531
#2	1.377537	.2539736	-.184534
#3	1.389495	.2557945	-.185333

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3728.297	91728.87	15989.53	2409.011	4847.130
Stddev	11.803	248.00	64.87	19.982	14.418
%RSD	.3165664	.2703593	.4056934	.8294680	.2974597
#1	3740.895	91940.17	15941.96	2401.815	4857.568
#2	3726.499	91790.59	16063.43	2431.594	4853.144
#3	3717.496	91455.84	15963.22	2393.623	4830.678

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1903-03 Acquired: 4/30/2025 22:19:13 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0883944	.0137825	.2207143	.0072895	-.007873	198.4123	.7516063
Stddev	.0023569	.0046337	.0019737	.0009041	.001783	.1944	.0004352
%RSD	2.666288	33.61999	.8942380	12.40328	22.64607	.0979751	.0579093
#1	.0861576	.0088327	.2184715	.0069497	-.006059	198.4978	.7511199
#2	.0908553	.0144980	.2221862	.0083142	-.009623	198.5494	.7519590
#3	.0881702	.0180169	.2214853	.0066044	-.007937	198.1899	.7517401

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117897	-.001485	23.29721	.4294840	.1844240	.2667786	402.5656
Stddev	.0001186	.000153	.03250	.0018639	.0002487	.0006351	.8391
%RSD	1.005899	10.33275	.1394987	.4339736	.1348724	.2380735	.2084487
#1	.0117621	-.001413	23.30352	.4278679	.1842424	.2660559	401.7702
#2	.0119196	-.001661	23.26202	.4315230	.1843221	.2670322	402.4840
#3	.0116873	-.001381	23.32609	.4290612	.1847075	.2672478	403.4426

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.359859	29.70264	.2014727	.0048402	.7783482	.5907074	.4726987
Stddev	.003013	.09855	.0001671	.0002847	.0121074	.0025159	.0009827
%RSD	.1276639	.3318051	.0829249	5.881011	1.555520	.4259081	.2078938
#1	2.358934	29.80527	.2015965	.0046797	.7644602	.5896475	.4733756
#2	2.357418	29.60874	.2012827	.0046720	.7866822	.5935798	.4715715
#3	2.363226	29.69391	.2015390	.0051688	.7839020	.5888949	.4731489

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.02611	.0638829	.0076593	.0053323	4.873872	2.956419	5.261594
Stddev	.03449	.0042287	.0000806	.0009858	.002618	.011112	.027913
%RSD	.1812738	6.619496	1.052363	18.48796	.0537137	.3758712	.5304986
#1	18.98805	.0591701	.0076158	.0042548	4.876824	2.948824	5.233065
#2	19.05530	.0651326	.0076098	.0055529	4.872964	2.969173	5.288847
#3	19.03497	.0673458	.0077523	.0061890	4.871830	2.951260	5.262871

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1903-03 Acquired: 4/30/2025 22:19:13 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	2.887404	.2775329	-.271567
Stddev	.007867	.0008509	.000915
%RSD	.2724429	.3065981	.3367578
#1	2.879479	.2770325	-.270697
#2	2.895210	.2770507	-.271485
#3	2.887523	.2785153	-.272520

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3570.775	86953.59	14353.93	2304.409	4790.321
Stddev	9.084	328.17	27.17	7.776	2.502
%RSD	.2543847	.3774121	.1892819	.3374190	.0522321
#1	3561.133	87332.04	14384.93	2311.895	4790.323
#2	3579.172	86747.62	14334.22	2304.960	4792.822
#3	3572.019	86781.12	14342.66	2296.373	4787.818

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1904-01 Acquired: 4/30/2025 22:23:20 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0629435	.0189117	.5579515	-.026539	-.009094	178.0925	1.882684
Stddev	.0069634	.0022002	.0020565	.001075	.001578	.1934	.012604
%RSD	11.06287	11.63400	.3685807	4.049513	17.34763	.1086092	.6694521
#1	.0707926	.0180252	.5566261	-.026690	-.009507	178.3156	1.889353
#2	.0575082	.0172930	.5569078	-.025397	-.007350	177.9916	1.890552
#3	.0605296	.0214168	.5603205	-.027530	-.010423	177.9705	1.868147

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0178842	.0217079	119.8390	.4169901	.3015958	.3509797	445.9841
Stddev	.0001379	.0004882	.2624	.0010699	.0007936	.0015745	2.0393
%RSD	.7711271	2.249097	.2189701	.2565682	.2631343	.4485892	.4572594
#1	.0180428	.0212620	119.8867	.4178613	.3017666	.3494853	447.8370
#2	.0178174	.0216321	120.0743	.4173130	.3022901	.3526236	446.3161
#3	.0177924	.0222296	119.5560	.4157960	.3007307	.3508303	443.7992

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.63859	112.7344	.6200414	-.003227	3.847267	.4586396	2.025530
Stddev	.06033	.1395	.0032163	.000631	.024257	.0014784	.008711
%RSD	.3857567	.1237127	.5187274	19.55764	.6305056	.3223399	.4300783
#1	15.68323	112.6310	.6205331	-.002627	3.865771	.4578864	2.026682
#2	15.66259	112.6792	.6229836	-.003168	3.856225	.4576896	2.016300
#3	15.56996	112.8930	.6166076	-.003885	3.819805	.4603429	2.033608

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.28511	-.067136	.0065435	.0062753	6.181949	2.015014	10.49589
Stddev	.12871	.005802	.0001703	.0012802	.018435	.009148	.04223
%RSD	.3866810	8.642329	2.603068	20.40127	.2982129	.4540140	.4023605
#1	33.31146	-.063121	.0066974	.0067184	6.197917	2.004617	10.52775
#2	33.39860	-.064499	.0065727	.0072751	6.186156	2.018595	10.51192
#3	33.14527	-.073788	.0063605	.0048324	6.161773	2.021831	10.44798

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1904-01 Acquired: 4/30/2025 22:23:20 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	1.062179	1.089623	-.095647
Stddev	.003837	.007236	.000427
%RSD	.3612292	.6641124	.4463576
#1	1.065517	1.094890	-.096090
#2	1.057987	1.092607	-.095238
#3	1.063032	1.081372	-.095614

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3581.019	89968.33	14007.75	2346.673	4452.265
Stddev	4.276	283.21	18.89	19.126	9.291
%RSD	.1194013	.3147936	.1348512	.8150332	.2086783
#1	3576.124	90221.99	14019.82	2352.837	4442.402
#2	3582.907	90020.25	14017.46	2361.958	4453.539
#3	3584.026	89662.74	13985.98	2325.225	4460.852

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1905-01 Acquired: 4/30/2025 22:27:33 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0407277	.0048704	.1577628	.0013212	-.004451	121.1341	.5594407
Stddev	.0031704	.0010607	.0007328	.0028144	.002964	.0685	.0014353
%RSD	7.784330	21.77823	.4645122	213.0119	66.58043	.0565712	.2565539
#1	.0426991	.0036995	.1577833	-.001905	-.001398	121.2131	.5579478
#2	.0424133	.0051448	.1584851	.002597	-.004640	121.0988	.5608104
#3	.0370705	.0057669	.1570199	.003272	-.007316	121.0905	.5595639

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073910	-.000973	9.421762	.1939498	.1091390	.2609285	226.3053
Stddev	.0000357	.000214	.020427	.0007730	.0005349	.0020124	.6275
%RSD	.4828042	22.02895	.2168083	.3985595	.4900738	.7712363	.2772816
#1	.0073507	-.001011	9.400600	.1948375	.1089545	.2615450	225.9640
#2	.0074035	-.000742	9.441365	.1934248	.1097418	.2625605	225.9223
#3	.0074187	-.001166	9.423320	.1935872	.1087209	.2586800	227.0295

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.204028	37.01438	.1951687	.0016844	4.269808	.2802231	.4500898
Stddev	.017048	.05280	.0006654	.0000771	.021245	.0014406	.0010030
%RSD	.3275998	.1426534	.3409388	4.578105	.4975662	.5140982	.2228418
#1	5.189023	37.03206	.1959290	.0015974	4.249674	.2797357	.4505657
#2	5.200493	36.95501	.1948848	.0017112	4.292013	.2818443	.4507663
#3	5.222566	37.05608	.1946923	.0017445	4.267736	.2790895	.4489375

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.548872	.0192347	.0019950	.0033949	3.128793	2.904863	4.460375
Stddev	.022004	.0023942	.0003418	.0004626	.000586	.006639	.024224
%RSD	.2304352	12.44727	17.13253	13.62674	.0187188	.2285340	.5430827
#1	9.527280	.0198612	.0016018	.0030394	3.128119	2.898549	4.486493
#2	9.571266	.0165895	.0021627	.0039180	3.129171	2.911784	4.455988
#3	9.548069	.0212533	.0022207	.0032274	3.129090	2.904254	4.438646

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1905-01 Acquired: 4/30/2025 22:27:33 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.9208907	.2535381	-.146261
Stddev	.0102852	.0015866	.000551
%RSD	1.116871	.6257829	.3767809
#1	.9315161	.2517063	-.146110
#2	.9109835	.2544799	-.145801
#3	.9201726	.2544280	-.146872

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3516.111	85977.54	13708.20	2287.819	4845.894
Stddev	8.902	233.35	15.99	3.412	15.090
%RSD	.2531846	.2714036	.1166699	.1491465	.3114002
#1	3512.924	85822.30	13694.86	2290.207	4841.595
#2	3509.240	86245.88	13725.93	2289.337	4833.420
#3	3526.168	85864.43	13703.80	2283.911	4862.667

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1905-05 Acquired: 4/30/2025 22:31:39 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0252600	.0029458	.1336786	-.000089	-.002907	71.56457	.4211816
Stddev	.0007782	.0005124	.0009327	.001787	.001646	.06621	.0007931
%RSD	3.080880	17.39390	.6977200	2006.946	56.61225	.0925239	.1883078
#1	.0261539	.0023637	.1337216	-.002152	-.001124	71.52779	.4214444
#2	.0247338	.0033286	.1345890	.000971	-.004369	71.64101	.4202904
#3	.0248922	.0031451	.1327251	.000913	-.003228	71.52490	.4218099

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048168	-.002454	10.08930	.1405638	.0627995	.1384773	156.1310
Stddev	.0000542	.000029	.01548	.0005347	.0004291	.0006962	.4364
%RSD	1.124237	1.178396	.1534308	.3803587	.6832496	.5027608	.2795113
#1	.0048021	-.002436	10.07222	.1411194	.0632305	.1380433	156.4463
#2	.0048767	-.002487	10.10242	.1400529	.0627956	.1392803	155.6329
#3	.0047715	-.002439	10.09325	.1405191	.0623724	.1381082	156.3138

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.532490	21.35165	.1170518	.0019209	2.762975	.1931472	.2921020
Stddev	.004359	.08574	.0004285	.0005268	.014893	.0005545	.0004669
%RSD	.1721299	.4015420	.3660715	27.42354	.5390302	.2870897	.1598461
#1	2.531507	21.38256	.1173992	.0015963	2.778760	.1926067	.2923669
#2	2.537257	21.41765	.1171831	.0016377	2.749173	.1937147	.2923762
#3	2.528707	21.25474	.1165729	.0025287	2.760992	.1931201	.2915629

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.777590	.0252242	.0016774	.0036385	2.167920	7.095112	4.053777
Stddev	.015921	.0032234	.0000831	.0010127	.005330	.009328	.010375
%RSD	.2349040	12.77914	4.953929	27.83350	.2458445	.1314757	.2559239
#1	6.792777	.0274320	.0017333	.0045026	2.165684	7.092890	4.063946
#2	6.761025	.0215252	.0017169	.0038890	2.174004	7.087094	4.054178
#3	6.778967	.0267155	.0015819	.0025241	2.164073	7.105350	4.043208

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1905-05 Acquired: 4/30/2025 22:31:39 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.5650701	.1606851	-.063454
Stddev	.0090001	.0005885	.000383
%RSD	1.592735	.3662623	.6031476
#1	.5604539	.1603466	-.063712
#2	.5593147	.1603440	-.063014
#3	.5754416	.1613646	-.063636

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3310.010	82377.43	13376.56	2158.826	4864.283
Stddev	7.280	171.39	40.90	7.267	8.231
%RSD	.2199328	.2080547	.3057379	.3366148	.1692094
#1	3306.328	82231.31	13386.58	2159.655	4855.509
#2	3318.395	82566.08	13331.58	2151.179	4871.833
#3	3305.306	82334.91	13411.51	2165.642	4865.508

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1906-01 Acquired: 4/30/2025 22:35:49 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0042835	-.003577	.0444165	-.003950	.0019189	3.188227	.0421330
Stddev	.0015247	.001098	.0013292	.003283	.0017064	.010961	.0009096
%RSD	35.59378	30.70839	2.992647	83.12025	88.92555	.3438065	2.158800
#1	.0060430	-.004515	.0431583	-.006987	.0025778	3.180018	.0411176
#2	.0034538	-.003848	.0442844	-.004398	.0031976	3.200675	.0424081
#3	.0033536	-.002368	.0458069	-.000466	-.000019	3.183988	.0428732

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002719	.0028001	.8040963	.0589360	.0013097	.1273049	28.25212
Stddev	.0000678	.0001049	.0078639	.0001700	.0001900	.0001027	.14722
%RSD	24.91922	3.747762	.9779771	.2885129	14.50462	.0807005	.5210826
#1	.0002415	.0029096	.8063066	.0591291	.0014016	.1272346	28.08230
#2	.0003496	.0027004	.8106184	.0588085	.0010912	.1272572	28.34364
#3	.0002247	.0027902	.7953637	.0588706	.0014362	.1274228	28.33043

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0247135	.1928973	.0032371	.0010095	.1839836	.0496266	.1801163
Stddev	.0004585	.0165897	.0003467	.0004066	.0056545	.0027747	.0001287
%RSD	1.855150	8.600286	10.71120	40.27560	3.073394	5.591080	.0714564
#1	.0244579	.2110736	.0036212	.0005595	.1891814	.0527536	.1801261
#2	.0252428	.1785712	.0029472	.0011187	.1848069	.0486678	.1802399
#3	.0244398	.1890472	.0031430	.0013504	.1779625	.0474586	.1799830

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2882868	-.021543	.0035233	-.000548	.8411589	1.080390	.3484258
Stddev	.0088021	.000745	.0001094	.000451	.0019920	.019429	.0029509
%RSD	3.053252	3.457717	3.104956	82.39948	.2368098	1.798375	.8469200
#1	.2893281	-.022380	.0034990	-.000956	.8418539	1.059368	.3471734
#2	.2790104	-.020954	.0036428	-.000063	.8427103	1.084116	.3517963
#3	.2965220	-.021296	.0034281	-.000624	.8389126	1.097687	.3463076

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1906-01 Acquired: 4/30/2025 22:35:49 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.1662398	.0082067	-.019911
Stddev	.0008831	.0006246	.000126
%RSD	.5312021	7.611134	.6348174
#1	.1666992	.0081802	-.019765
#2	.1652218	.0088441	-.019988
#3	.1667985	.0075957	-.019981

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3242.518	81246.94	12493.00	2096.507	5323.112
Stddev	1.383	384.06	27.40	16.664	4.030
%RSD	.0426412	.4727060	.2193027	.7948286	.0757045
#1	3243.359	81617.61	12461.79	2114.625	5324.191
#2	3243.274	81272.43	12504.15	2093.057	5318.653
#3	3240.923	80850.76	12513.07	2081.838	5326.493

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: CCV07 Acquired: 4/30/2025 22:40:04 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.167941	5.031714	4.900188	5.258249	5.217703	9.815388	9.889684
Stddev	.033244	.065016	.008804	.077260	.048769	.030028	.143383
%RSD	.6432827	1.292125	.1796687	1.469302	.9346781	.3059305	1.449820
#1	5.135982	4.956688	4.909878	5.170187	5.165501	9.846257	10.02819
#2	5.165505	5.071535	4.898003	5.289922	5.225510	9.786278	9.89898
#3	5.202337	5.066921	4.892682	5.314640	5.262097	9.813630	9.74188

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2383604	2.441341	24.00082	.9951478	2.452774	1.286156	5.109683
Stddev	.0017896	.006176	.14208	.0005771	.002718	.008048	.015810
%RSD	.7507973	.2529771	.5919823	.0579889	.1108103	.6257471	.3094192
#1	.2388917	2.448294	24.01886	.9945019	2.455314	1.277267	5.096235
#2	.2398243	2.439239	24.13302	.9953290	2.449908	1.288253	5.127099
#3	.2363654	2.436491	23.85058	.9956126	2.453099	1.292948	5.105716

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.398830	23.86523	2.457806	1.242481	24.88591	2.439626	2.506502
Stddev	.009905	.19942	.002467	.001012	.17681	.007914	.005026
%RSD	.4129106	.8355980	.1003668	.0814299	.7104657	.3244120	.2005362
#1	2.399074	23.86808	2.460219	1.242908	24.91940	2.443735	2.500807
#2	2.408612	24.06321	2.455288	1.241325	24.69475	2.444642	2.510319
#3	2.388806	23.66440	2.457911	1.243208	25.04358	2.430502	2.508381

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.23935	4.767817	5.094192	4.875324	4.893954	5.139175	4.793396
Stddev	.19926	.034398	.033986	.006661	.011384	.029440	.016728
%RSD	.7894645	.7214727	.6671523	.1366284	.2326151	.5728514	.3489719
#1	25.27058	4.774805	5.059876	4.882210	4.897218	5.120848	4.803087
#2	25.02633	4.798186	5.094861	4.868913	4.903350	5.123543	4.803020
#3	25.42115	4.730462	5.127838	4.874850	4.881295	5.173133	4.774081

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: CCV07 Acquired: 4/30/2025 22:40:04 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV07 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.951643	4.791820	4.950934
Stddev	.029760	.016149	.049388
%RSD	.6010179	.3370176	.9975451
#1	4.921272	4.802971	5.005288
#2	4.980753	4.773301	4.908811
#3	4.952903	4.799188	4.938702

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3091.220	78555.11	12635.45	2042.345	4883.508
Stddev	13.953	159.16	114.59	7.562	2.872
%RSD	.4513654	.2026035	.9068611	.3702396	.0588069
#1	3105.816	78606.07	12633.30	2046.690	4885.571
#2	3089.827	78376.71	12521.96	2033.613	4880.228
#3	3078.015	78682.54	12751.10	2046.731	4884.725

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: CCB07 Acquired: 4/30/2025 22:44:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025670	.0022370	.0021791	-.000727	.0006229	.0058865	-.005280
Stddev	.0015856	.0020471	.0005238	.001618	.0010680	.0020016	.000141
%RSD	61.76955	91.51150	24.03800	222.4970	171.4467	34.00372	2.674004
#1	.0031913	.0040471	.0024239	-.001531	.0002874	.0072889	-.005392
#2	.0037454	.0000154	.0025357	-.001786	.0018184	.0067763	-.005122
#3	.0007642	.0026486	.0015777	.001135	-.000237	.0035942	-.005328

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002667	.0008777	.0118268	-.000137	.0007906	.0005169	.0179381
Stddev	.0000084	.0001490	.0012353	.000143	.0003309	.0007656	.0040702
%RSD	3.135134	16.97492	10.44500	104.5616	41.85719	148.1017	22.69016
#1	.0002722	.0010362	.0106163	-.000085	.0010221	.0013687	.0225314
#2	.0002710	.0008566	.0117787	-.000299	.0004116	-.000114	.0147800
#3	.0002571	.0007404	.0130855	-.000027	.0009381	.000296	.0165027

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011101	.0186120	.0007504	.0006221	-.075947	-.000916	.0006861
Stddev	.0002544	.0074545	.0003795	.0000691	.006662	.001199	.0001186
%RSD	22.91851	40.05188	50.57570	11.10330	8.771499	130.8810	17.29038
#1	.0013334	.0267851	.0011731	.0006980	-.074833	-.001685	.0005704
#2	.0008331	.0121867	.0006391	.0005629	-.069913	-.001529	.0006804
#3	.0011636	.0168643	.0004390	.0006055	-.083096	.000465	.0008075

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0567959	-.002303	.0015629	-.000493	.0007638	-.006132	.0054827
Stddev	.0219446	.000632	.0004418	.000687	.0005738	.006322	.0014611
%RSD	38.63770	27.44713	28.27150	139.2745	75.12024	103.0977	26.64885
#1	.0651071	-.002350	.0020706	-.000072	.0012641	-.012455	.0069530
#2	.0733708	-.001649	.0012653	-.000121	.0001375	-.006130	.0054639
#3	.0319096	-.002911	.0013527	-.001286	.0008898	.000189	.0040311

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: CCB07 Acquired: 4/30/2025 22:44:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB07 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003414	-.002537	.0009814
Stddev	.002847	.000544	.0002560
%RSD	83.38668	21.46314	26.08516
#1	-.001845	-.003144	.0007441
#2	-.001698	-.002092	.0009474
#3	-.006701	-.002375	.0012527

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3291.265	81412.88	12960.48	2171.831	5405.768
Stddev	9.670	155.33	73.87	15.248	19.850
%RSD	.2938048	.1907981	.5699384	.7020915	.3672056
#1	3282.350	81460.93	12968.04	2188.906	5385.127
#2	3289.901	81239.20	12883.13	2167.015	5407.456
#3	3301.545	81538.52	13030.28	2159.573	5424.720

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1906-05 Acquired: 4/30/2025 22:48:36 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0563916	-.013936	2.175294	.0075523	.0008067	134.3966	1.006005
Stddev	.0047612	.003634	.006024	.0024260	.0012901	.3675	.003735
%RSD	8.443146	26.08034	.2769275	32.12267	159.9196	.2734283	.3713101
#1	.0617112	-.013094	2.171911	.0097500	.0017052	134.3979	1.010319
#2	.0549342	-.010796	2.171722	.0049491	-.000672	134.7635	1.003865
#3	.0525295	-.017917	2.182249	.0079579	.001386	134.0286	1.003832

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103029	.0123107	18.27988	.2493522	.1045680	.4691035	187.2567
Stddev	.0000172	.0002821	.04325	.0008681	.0002125	.0034858	1.1934
%RSD	.1669154	2.291486	.2366104	.3481299	.2032209	.7430742	.6372879
#1	.0102965	.0119895	18.30219	.2489686	.1045950	.4679040	188.5620
#2	.0103223	.0124247	18.30743	.2503460	.1043433	.4663758	186.9862
#3	.0102898	.0125180	18.23003	.2487420	.1047658	.4730306	186.2217

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.507894	34.69437	.1985408	.0089017	6.010854	.4102601	4.647089
Stddev	.018840	.16519	.0001677	.0001323	.034714	.0017237	.026974
%RSD	.4179281	.4761238	.0844464	1.486413	.5775251	.4201537	.5804431
#1	4.529647	34.87867	.1986578	.0089377	6.040878	.4105572	4.638657
#2	4.497259	34.64476	.1983487	.0087551	6.018842	.4118160	4.677271
#3	4.496777	34.55966	.1986160	.0090122	5.972842	.4084072	4.625339

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.492239	.0680799	.0079859	.0466060	6.224288	5.386941	4.425936
Stddev	.009456	.0052745	.0000316	.0010820	.017895	.013050	.007938
%RSD	.1721689	7.747444	.3952938	2.321566	.2875079	.2422517	.1793542
#1	5.494747	.0741539	.0079498	.0468931	6.240477	5.399369	4.428390
#2	5.500188	.0654293	.0080082	.0454094	6.227314	5.388106	4.432358
#3	5.481782	.0646564	.0079998	.0475154	6.205072	5.373347	4.417061

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1906-05 Acquired: 4/30/2025 22:48:36 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	1.534643	.2210165	-.039511
Stddev	.002544	.0003301	.000808
%RSD	.1657839	.1493568	2.044849
#1	1.535744	.2209190	-.040441
#2	1.531733	.2213843	-.039114
#3	1.536450	.2207460	-.038979

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3652.493	88880.05	14961.57	2389.583	4763.214
Stddev	10.242	408.26	57.85	11.721	12.138
%RSD	.2804123	.4593397	.3866746	.4904886	.2548341
#1	3651.638	89064.51	15011.75	2390.411	4763.322
#2	3663.135	88412.11	14898.29	2377.470	4775.297
#3	3642.705	89163.52	14974.68	2400.867	4751.022

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1906-09 Acquired: 4/30/2025 22:52:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0611920	-.013223	.9545582	.0155495	-.000995	190.0090	1.120198
Stddev	.0061723	.000843	.0017673	.0058219	.002832	1.1784	.000878
%RSD	10.08677	6.378795	.1851456	37.44082	284.7106	.6201888	.0784111
#1	.0542715	-.013797	.9550438	.0088342	.002130	189.5308	1.119540
#2	.0631765	-.013617	.9525989	.0191766	-.003391	191.3513	1.119859
#3	.0661279	-.012255	.9560320	.0186377	-.001724	189.1448	1.121195

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0158525	.0073087	17.84812	.2508216	.1150929	.2246365	192.9390
Stddev	.0001427	.0001689	.07073	.0010768	.0005204	.0013254	1.0719
%RSD	.9002190	2.311400	.3962686	.4293136	.4521676	.5900190	.5555641
#1	.0157801	.0073921	17.77763	.2502656	.1153040	.2235699	192.0617
#2	.0157605	.0071143	17.84765	.2520628	.1154746	.2242194	194.1338
#3	.0160169	.0074198	17.91908	.2501365	.1145001	.2261203	192.6216

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.863513	41.11305	.2062597	.0054491	13.36638	.3445233	1.154259
Stddev	.013383	.23456	.0006256	.0002814	.09278	.0015114	.005906
%RSD	.4673727	.5705320	.3033325	5.163564	.6941074	.4386822	.5116551
#1	2.851564	40.96013	.2055482	.0054773	13.32917	.3437516	1.160737
#2	2.861001	40.99592	.2065070	.0057154	13.47198	.3435536	1.149175
#3	2.877975	41.38311	.2067239	.0051547	13.29798	.3462647	1.152864

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.723157	.1283068	.0042847	.0227080	6.197025	9.383116	12.02425
Stddev	.030541	.0078775	.0003307	.0022441	.021178	.060583	.02975
%RSD	.5336391	6.139580	7.718553	9.882466	.3417481	.6456610	.2473863
#1	5.734933	.1255309	.0044552	.0216170	6.179707	9.332033	12.01919
#2	5.746056	.1371964	.0044953	.0212181	6.190731	9.450048	12.05620
#3	5.688480	.1221930	.0039035	.0252891	6.220636	9.367268	11.99736

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1906-09 Acquired: 4/30/2025 22:52:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	2.975111	.3544528	-.045429
Stddev	.010205	.0014655	.001209
%RSD	.3430241	.4134562	2.661102
#1	2.972253	.3528419	-.044712
#2	2.986441	.3548096	-.046825
#3	2.966640	.3557070	-.044750

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3949.178	96583.24	17024.96	2556.540	4698.039
Stddev	9.363	444.14	60.87	13.017	3.017
%RSD	.2370964	.4598476	.3575435	.5091822	.0642265
#1	3954.643	96621.20	17040.25	2546.599	4698.725
#2	3954.524	96121.34	17076.73	2551.745	4700.655
#3	3938.366	97007.18	16957.90	2571.274	4694.738

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1906-13 Acquired: 4/30/2025 22:56:55 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0469287	.0045345	.2394008	.0019674	-.004547	153.3433	.5684725
Stddev	.0017183	.0003197	.0011718	.0043262	.002771	.8111	.0021417
%RSD	3.661543	7.049516	.4894543	219.8958	60.95434	.5289609	.3767373
#1	.0487378	.0041654	.2382392	-.000836	-.006077	154.2792	.5704287
#2	.0467297	.0047219	.2405825	-.000212	-.001348	152.9074	.5661842
#3	.0453185	.0047162	.2393807	.006950	-.006215	152.8434	.5688047

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067769	-.002274	14.46564	.2238371	.0832370	.1734569	226.9107
Stddev	.0000852	.000350	.05623	.0005997	.0006405	.0012844	1.4891
%RSD	1.257930	15.39034	.3887209	.2679186	.7694838	.7404704	.6562419
#1	.0068394	-.001870	14.51908	.2231479	.0825861	.1746600	225.4588
#2	.0068116	-.002459	14.40698	.2241230	.0838666	.1736063	226.8387
#3	.0066798	-.002493	14.47086	.2242403	.0832581	.1721043	228.4344

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.370496	29.20962	.1459637	.0027763	4.653265	.3142196	.5331977
Stddev	.019613	.10865	.0007423	.0001690	.029969	.0021607	.0021441
%RSD	.5819171	.3719770	.5085517	6.087053	.6440467	.6876342	.4021293
#1	3.384530	29.28702	.1460544	.0026249	4.620817	.3150360	.5312629
#2	3.348085	29.08540	.1466566	.0029586	4.659076	.3117697	.5328274
#3	3.378874	29.25643	.1451803	.0027455	4.679904	.3158531	.5355029

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.814805	-.000426	.0033635	.0105219	3.889958	6.633778	3.469575
Stddev	.055673	.009180	.0000288	.0006236	.015514	.031324	.021504
%RSD	.5672311	2155.879	.8565227	5.926925	.3988247	.4721945	.6197919
#1	9.758255	-.007879	.0033415	.0106267	3.905641	6.603790	3.483686
#2	9.816603	-.003226	.0033962	.0098526	3.874618	6.631258	3.480215
#3	9.869557	.009828	.0033529	.0110866	3.889616	6.666286	3.444826

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1906-13 Acquired: 4/30/2025 22:56:55 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.4096535	.2198199	-.088570
Stddev	.0091070	.0006303	.001939
%RSD	2.223097	.2867384	2.189772
#1	.4034793	.2200496	-.086428
#2	.4201126	.2191069	-.089074
#3	.4053686	.2203031	-.090207

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3296.100	82254.72	13376.83	2139.398	4827.916
Stddev	8.767	636.75	73.89	15.072	11.491
%RSD	.2659870	.7741255	.5523510	.7044842	.2380213
#1	3295.297	82865.47	13333.00	2147.130	4828.483
#2	3287.762	82303.88	13462.13	2149.036	4816.152
#3	3305.242	81594.81	13335.35	2122.030	4839.114

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1907-01 Acquired: 4/30/2025 23:01:02 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0979741	-.003404	8.495625	-.030086	.0043457	104.1163
Stddev	.0050965	.002941	.026023	.002883	.0010813	.1407
%RSD	5.201856	86.40041	.3063071	9.581564	24.88115	.1351683
#1	.1018825	-.000008	8.513787	-.028798	.0031115	103.9551
#2	.0922097	-.005121	8.507276	-.028072	.0051260	104.2147
#3	.0998299	-.005084	8.465813	-.033388	.0047996	104.1791

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.904339	.0297158	.0212741	825.2141	.4290302	.1895544
Stddev	.009510	.0002031	.0004020	5.8570	.0024087	.0004527
%RSD	.2435742	.6834833	1.889875	.7097541	.5614279	.2388432
#1	3.893409	.0295256	.0214860	820.3813	.4266530	.1900772
#2	3.908893	.0296922	.0208104	823.5332	.4289684	.1892923
#3	3.910716	.0299297	.0215259	831.7277	.4314692	.1892937

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.826262	320.3416	5.264563	61.86841	.6229957	.0081862
Stddev	.006536	1.4432	.027639	.30271	.0015348	.0005477
%RSD	.1354196	.4505201	.5249984	.4892783	.2463563	6.691001
#1	4.833765	319.8122	5.237715	61.56703	.6235916	.0080843
#2	4.823213	321.9748	5.292930	62.17243	.6241431	.0087777
#3	4.821807	319.2380	5.263044	61.86575	.6212523	.0076965

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.773872	.3327904	16.46691	20.16112	.5463398	.0871157
Stddev	.012457	.0018494	.07027	.02442	.0060595	.0005630
%RSD	.2609350	.5557129	.4267390	.1211287	1.109104	.6462422
#1	4.762410	.3319207	16.44052	20.16977	.5435105	.0865868
#2	4.787129	.3349143	16.41365	20.18003	.5532964	.0870529
#3	4.772077	.3315362	16.54655	20.13355	.5422125	.0877075

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: Q1907-01 Acquired: 4/30/2025 23:01:02 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	2.398322	4.712601	F 18.19278	10.31510	F 22.68852	.1330639
Stddev	.004593	.010453	.01492	.03511	.03219	.0011115
%RSD	.1915056	.2218184	.0820202	.3403475	.1418950	.8353230
#1	2.400193	4.700948	18.20023	10.31927	22.65389	.1336274
#2	2.401683	4.715703	18.20252	10.34794	22.71753	.1337808
#3	2.393088	4.721152	18.17561	10.27810	22.69414	.1317835

Elem	Sr4077
Units	ppm
Avg	1.575858
Stddev	.006815
%RSD	.4324321
#1	1.574098
#2	1.570096
#3	1.583379

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3114.035	79707.40	13602.57	2028.591	3967.523
Stddev	9.721	284.86	8.29	13.730	13.644
%RSD	.3121575	.3573835	.0609672	.6768190	.3438896
#1	3103.659	79411.07	13607.97	2013.628	3953.742
#2	3115.517	79731.94	13593.02	2031.537	3967.803
#3	3122.930	79979.20	13606.72	2040.610	3981.026

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: CCV08 Acquired: 4/30/2025 23:05:19 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	5.116424	5.016760	4.875392	5.200865	5.149214	9.979774	9.728171
Stddev	.016858	.100626	.028321	.014452	.015081	.033932	.068817
%RSD	.3294841	2.005788	.5808917	.2778783	.2928872	.3400052	.7073980
#1	5.107744	5.122434	4.899184	5.200676	5.137574	9.999803	9.803647
#2	5.135853	5.005761	4.882925	5.215410	5.166251	9.998922	9.668908
#3	5.105675	4.922087	4.844066	5.186508	5.143816	9.940596	9.711959

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2462424	2.436481	23.99424	.9888534	2.444331	1.281938	5.104569
Stddev	.0021440	.017609	.33457	.0079214	.015579	.003778	.049628
%RSD	.8706819	.7227301	1.394367	.8010657	.6373442	.2947004	.9722274
#1	.2470496	2.451332	24.25116	.9817633	2.455909	1.278192	5.117698
#2	.2478656	2.441083	24.11563	.9974030	2.450465	1.285747	5.146312
#3	.2438120	2.417027	23.61592	.9873937	2.426619	1.281876	5.049696

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.382679	23.57636	2.449107	1.244667	24.41089	2.419941	2.506956
Stddev	.021156	.26352	.015652	.005556	.21160	.011981	.009507
%RSD	.8879114	1.117727	.6391003	.4463662	.8668364	.4950973	.3792327
#1	2.398348	23.72513	2.459319	1.241639	24.17150	2.421764	2.499316
#2	2.391076	23.73185	2.456915	1.251079	24.57295	2.430907	2.517603
#3	2.358614	23.27210	2.431087	1.241283	24.48823	2.407153	2.503949

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.96694	4.919576	5.059712	4.859013	4.856877	5.060738	4.835876
Stddev	.15493	.045556	.013994	.039837	.025338	.039805	.061309
%RSD	.6205310	.9260164	.2765846	.8198540	.5217001	.7865549	1.267799
#1	24.79295	4.948030	5.065449	4.897555	4.871285	5.016698	4.891537
#2	25.08995	4.943665	5.069926	4.861489	4.871727	5.094152	4.845930
#3	25.01794	4.867033	5.043761	4.817997	4.827620	5.071364	4.770162

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: CCV08 Acquired: 4/30/2025 23:05:19 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	4.945710	4.943438	4.908013
Stddev	.032759	.022169	.020751
%RSD	.6623770	.4484538	.4227901
#1	4.972807	4.919457	4.924346
#2	4.955020	4.963184	4.915029
#3	4.909304	4.947672	4.884664

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3157.689	79854.30	12540.30	2077.295	4973.571
Stddev	9.463	481.46	89.56	4.692	8.204
%RSD	.2996673	.6029259	.7142140	.2258855	.1649561
#1	3168.493	80311.84	12493.83	2076.228	4972.835
#2	3153.699	79352.04	12483.52	2073.228	4965.759
#3	3150.875	79899.02	12643.55	2082.429	4982.118

Reviewed By:
On:
Inst Id :P4
LB :LB135614

Sample Name: CCB08 Acquired: 4/30/2025 23:09:33 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) 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	.0013352	-.001073	.0012711	-.004320	.0009470	.0015771	-.010571
Stddev	.0029552	.000222	.0012744	.000724	.0003104	.0073351	.000316
%RSD	221.3271	20.70051	100.2600	16.74898	32.78108	465.1036	2.984949
#1	-.001803	-.000888	.0022778	-.003496	.0011360	-.006227	-.010358
#2	.001744	-.001012	-.000162	-.004851	.0005887	.002629	-.010934
#3	.004065	-.001320	.001697	-.004613	.0011163	.008329	-.010422

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000355	.0001762	.0278464	-.000110	.0000418	.0003301	.0122872
Stddev	.0000120	.0000565	.0061196	.000252	.0000667	.0002934	.0025830
%RSD	33.81559	32.07121	21.97640	228.7092	159.6906	88.89059	21.02199
#1	.0000220	.0002208	.0212405	.000036	.0001187	.0000444	.0134046
#2	.0000396	.0001950	.0289767	-.000402	.0000079	.0006307	.0141233
#3	.0000449	.0001126	.0333222	.000035	-.000001	.0003152	.0093336

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002687	.0042368	.0005351	.0001622	-.061774	-.000452	-.000069
Stddev	.000127	.0116621	.0003156	.0002977	.011081	.000953	.000399
%RSD	4.719711	275.2584	58.97319	183.5173	17.93811	210.9819	580.3751
#1	-.002542	.0027582	.0002004	-.000096	-.072265	-.001393	-.000497
#2	-.002739	-.006616	.0008273	.000095	-.062872	.000513	-.000000
#3	-.002779	.016568	.0005776	.000488	-.050185	-.000475	.000291

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0793558	-.002759	.0010103	.0188418	.0003397	.0074692	.0029098
Stddev	.0152375	.000775	.0001325	.0007472	.0001797	.0028635	.0009579
%RSD	19.20151	28.10647	13.11335	3.965365	52.89636	38.33763	32.92075
#1	.0921419	-.001969	.0011473	.0187534	.0002361	.0078535	.0018257
#2	.0834302	-.003519	.0008829	.0196292	.0005471	.0044329	.0032618
#3	.0624953	-.002788	.0010008	.0181428	.0002358	.0101211	.0036420

Reviewed By:
On:
Inst Id :P4
LB :LB135614

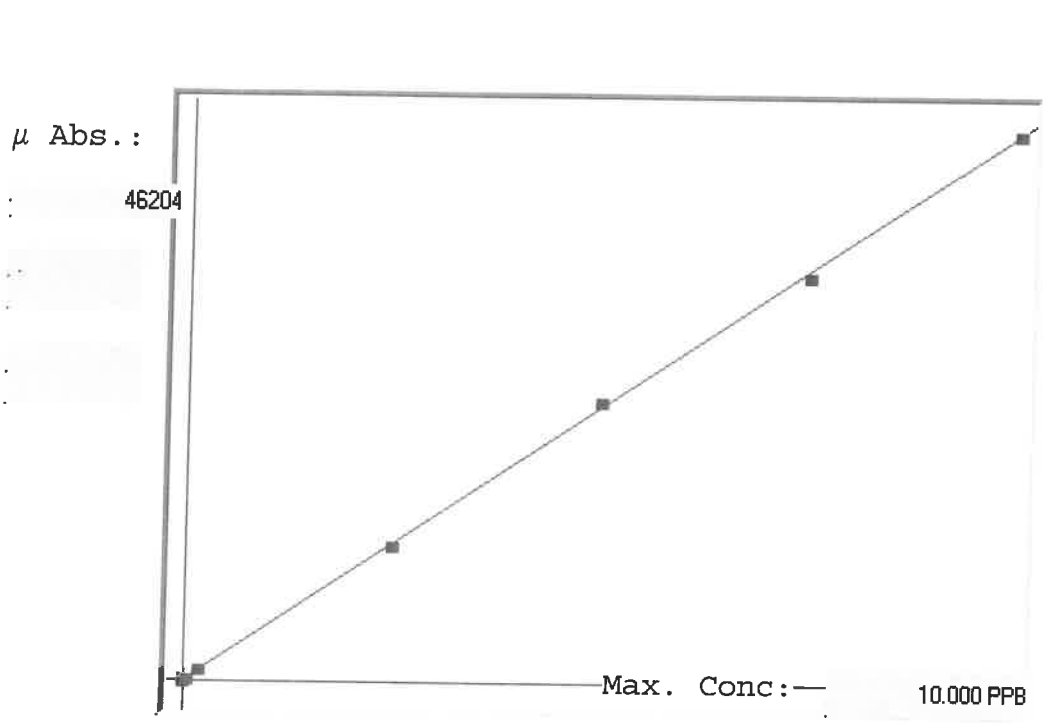
Sample Name: CCB08 Acquired: 4/30/2025 23:09:33 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v24) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001036	-.002379	.0005993
Stddev	.003107	.000526	.0000381
%RSD	299.8244	22.11822	6.363754
#1	.002190	-.002837	.0006383
#2	-.001289	-.001804	.0005621
#3	-.004009	-.002496	.0005976

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3247.703	81861.83	12764.92	2150.435	5309.990
Stddev	11.011	267.71	107.54	8.051	10.757
%RSD	.3390394	.3270215	.8424857	.3744046	.2025760
#1	3235.330	81836.04	12645.22	2159.731	5297.831
#2	3256.426	81607.95	12853.40	2145.861	5318.267
#3	3251.352	82141.50	12796.12	2145.712	5313.872

LB135601

245.1 INSTRUMENT ID: CV1



Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Old
0.0	0.000	-0.025	-0.025	-65	0.000	-65					-6
0.05	0.050	0.047	-0.003	267	0.0 %	267	0				11
0.2	0.200	0.221	0.021	1068	0.0 %	1068					-1
2.5	2.500	2.475	-0.025	11448	0.0 %	11448					2
5.0	5.000	5.105	0.105	23561	0.0 %	23561					-1
7.5	7.500	7.406	-0.094	34160	0.0 %	34160					0
10.0	10.000	10.022	0.022	46204	0.0 %	46204					

Reviewed By:jaswal
On:4/30/2025 11:45:06 PM
Inst Id :CV1
LB :LB135601

LB135601 INSTRUMENT ID : CV1

Method: 245.1 Operator: Admin Date of Analysis: 30 Apr 2025 09:16:26

Sample ID	Extended ID	µ Abs.	Conc.	Stnd Conc	Method	Units	Date	Type	Type
0.0 - 1	SC	-65	-	0.0000	245.1	PPB	30 Apr 2025 09:31:51	S	Std
0.05 - 1	S0.05	267	-	0.0500	245.1	PPB	30 Apr 2025 09:34:09	S	Std
0.2 - 1	S0.2	1068	-	0.2000	245.1	PPB	30 Apr 2025 09:36:28	S	Std
2.5 - 1	S2.5	11448	-	2.5000	245.1	PPB	30 Apr 2025 09:38:45	S	Std
5.0 - 1	S5	23561	-	5.0000	245.1	PPB	30 Apr 2025 09:41:02	S	Std
7.5 - 1	S7.5	34160	-	7.5000	245.1	PPB	30 Apr 2025 09:43:19	S	Std
10.0 - 1	S10	46204	-	10.0000	245.1	PPB	30 Apr 2025 09:45:36	S	Std
ICV108 - 1	ICV108	18216	3.9443	-	245.1	PPB	30 Apr 2025 09:57:13	U	SMPL
ICB108 - 1	ICB108	-309	-0.0782	-	245.1	PPB	30 Apr 2025 09:59:28	U	SMPL
CCV49 - 1	CCV49	24007	5.2017	-	245.1	PPB	30 Apr 2025 10:01:45	U	SMPL
CCB49 - 1	CCB49	62	0.0024	-	245.1	PPB	30 Apr 2025 10:06:37	U	SMPL
CRA - 1	CRA	240	0.0410	-	245.1	PPB	30 Apr 2025 10:08:52	U	SMPL
HighStd - 1	HighStd	47435	10.2888	-	245.1	PPB	30 Apr 2025 10:11:08	U	SMPL
ChkStd - 1	ChkStd	31026	6.7258	-	245.1	PPB	30 Apr 2025 10:13:23	U	SMPL
PB167801BL - 1	PBW	0	-0.0111	-	245.1	PPB	30 Apr 2025 10:18:25	U	SMPL
PB167801BS - 1	LCSW	17066	3.6946	-	245.1	PPB	30 Apr 2025 10:20:41	U	SMPL
Q1833-02 - 1	EFF-WASTE-WATER	-260	-0.0675	-	245.1	PPB	30 Apr 2025 10:22:58	U	SMPL
Q1836-01 - 1	METALS-DAY-1	110	0.0128	-	245.1	PPB	30 Apr 2025 10:25:16	U	SMPL
Q1836-01DUP - 1	METALS-DAY-1DUP	162	0.0241	-	245.1	PPB	30 Apr 2025 10:27:33	U	SMPL
Q1836-01MS - 1	METALS-DAY-1MS	16448	3.5604	-	245.1	PPB	30 Apr 2025 10:32:17	U	SMPL
Q1836-01MSD - 1	METALS-DAY-1MSD	16833	3.6440	-	245.1	PPB	30 Apr 2025 10:34:32	U	SMPL
CCV50 - 1	CCV50	24384	5.2836	-	245.1	PPB	30 Apr 2025 10:36:50	U	SMPL
CCB50 - 1	CCB50	-331	-0.0829	-	245.1	PPB	30 Apr 2025 10:39:07	U	SMPL
Q1836-02 - 1	METALS-DAY-2	547	0.1077	-	245.1	PPB	30 Apr 2025 10:41:25	U	SMPL
Q1836-03 - 1	METALS-DAY-3	70	0.0041	-	245.1	PPB	30 Apr 2025 10:43:40	U	SMPL
Q1836-04 - 1	METALS-DAY-4	267	0.0469	-	245.1	PPB	30 Apr 2025 10:45:55	U	SMPL
Q1836-01LX5 - 1		53	0.0004	-	245.1	PPB	30 Apr 2025 10:48:11	U	SMPL
Q1836-01A - 1		16120	3.4892	-	245.1	PPB	30 Apr 2025 10:50:27	U	SMPL
CCV51 - 1	CCV51	23872	5.1724	-	245.1	PPB	30 Apr 2025 10:52:43	U	SMPL
CCB51 - 1	CCB51	-217	-0.0582	-	245.1	PPB	30 Apr 2025 10:55:01	U	SMPL

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB167758

SOP ID : M200.7-Trace Elements-22

SDG No : N/A

Matrix : WATER

Pippete ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

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

Start Digest Date: 04/28/2025 **Time :** 10:05 **Temp :** 96 °C

End Digest Date: 04/28/2025 **Time :** 13:15 **Temp :** 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: SKB.

Supervisor Signature: [signature]

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6005
LFS-2	0.25	M6012
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

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

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#1 CELL#50 96C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
04/28/25 14:15	SKB. met.dig	RB- metal lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB167758

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB167758BL	PBW758	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	26
PB167758BS	LCS758	<2	50	25	Colorless	Colorless	Clear	Clear	M6005,M6012	27
Q1583-02	EFF-WASTE WATER	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	28
Q1836-01	METALS-DAY-1	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	29
Q1836-02	METALS-DAY-2	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	30
Q1836-03	METALS-DAY-3	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	31
Q1836-04	METALS-DAY-4	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	32
Q1836-04MS	METALS-DAY-4MS	<2	50	25	Colorless	Colorless	Clear	Clear	M6005,M6012	34
Q1836-04MSD	METALS-DAY-4MSD	<2	50	25	Colorless	Colorless	Clear	Clear	M6005,M6012	35
Q1836-04DUP	METALS-DAY-4DUP	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	33

WORKLIST(Hardcopy Internal Chain)

WorkList Name : PB167758 **WorkList ID :** 189175 **Department :** Digestion **Date :** 04-28-2025 09:37:12

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1833-02	EFF-WASTE-WATER	Water	Metals Group3	1:1 HNO3 to pH < 2	ARDM01	L31	04/17/2025	200.7
Q1836-01	METALS-DAY-1	Water	Metals ICP-Group1	1:1 HNO3 to pH < 2	F&GE01	L31	04/21/2025	200.7
Q1836-02	METALS-DAY-2	Water	Metals ICP-Group1	1:1 HNO3 to pH < 2	F&GE01	L31	04/22/2025	200.7
Q1836-03	METALS-DAY-3	Water	Metals ICP-Group1	1:1 HNO3 to pH < 2	F&GE01	L31	04/23/2025	200.7
Q1836-04	METALS-DAY-4	Water	Metals ICP-Group1	1:1 HNO3 to pH < 2	F&GE01	L31	04/24/2025	200.7

Date/Time 04/28/25 9:55
Raw Sample Received by: GPS.met.dig
Raw Sample Relinquished by: [signature]

Date/Time 04/28/25 10:55
Raw Sample Received by: [signature]
Raw Sample Relinquished by: GPS.met.dig

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 # LB135601

Review By	mohan	Review On	4/30/2025 3:43:35 PM
Supervise By	jaswal	Supervise On	4/30/2025 11:45:06 PM

STD. NAME	STD REF.#
ICAL Standard	MP85495,MP85496,MP85497,MP85498,MP85499,MP85500,MP85502
ICV Standard	MP85503
CCV Standard	MP85505
ICSA Standard	
CRI Standard	MP85507
LCS Standard	
Chk Standard	MP85504,MP85506,MP85508,MP85510

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	04/30/25 09:31		mohan	OK
2	S0.05	S0.05	CAL2	04/30/25 09:34		mohan	OK
3	S0.2	S0.2	CAL3	04/30/25 09:36		mohan	OK
4	S2.5	S2.5	CAL4	04/30/25 09:38		mohan	OK
5	S5	S5	CAL5	04/30/25 09:41		mohan	OK
6	S7.5	S7.5	CAL6	04/30/25 09:43		mohan	OK
7	S10	S10	CAL7	04/30/25 09:45		mohan	OK
8	ICV108	ICV108	ICV	04/30/25 09:57		mohan	OK
9	ICB108	ICB108	ICB	04/30/25 09:59		mohan	OK
10	CCV49	CCV49	CCV	04/30/25 10:01		mohan	OK
11	CCB49	CCB49	CCB	04/30/25 10:06		mohan	OK
12	CRA	CRA	CRDL	04/30/25 10:08		mohan	OK
13	HighStd	HighStd	HIGH STD	04/30/25 10:11		mohan	OK
14	ChkStd	ChkStd	SAM	04/30/25 10:13		mohan	OK
15	PB167801BL	PB167801BL	MB	04/30/25 10:18		mohan	OK
16	PB167801BS	PB167801BS	LCS	04/30/25 10:20		mohan	OK
17	Q1833-02	EFF-WASTE-WATER	SAM	04/30/25 10:22	Not use	mohan	Not Ok
18	Q1836-01	METALS-DAY-1	SAM	04/30/25 10:25		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 # LB135601

Review By	mohan	Review On	4/30/2025 3:43:35 PM
Supervise By	jaswal	Supervise On	4/30/2025 11:45:06 PM

STD. NAME	STD REF.#
ICAL Standard	MP85495,MP85496,MP85497,MP85498,MP85499,MP85500,MP85502
ICV Standard	MP85503
CCV Standard	MP85505
ICSA Standard	
CRI Standard	MP85507
LCS Standard	
Chk Standard	MP85504,MP85506,MP85508,MP85510

19	Q1836-01DUP	METALS-DAY-1DUP	DUP	04/30/25 10:27		mohan	OK
20	Q1836-01MS	METALS-DAY-1MS	MS	04/30/25 10:32		mohan	OK
21	Q1836-01MSD	METALS-DAY-1MSD	MSD	04/30/25 10:34		mohan	OK
22	CCV50	CCV50	CCV	04/30/25 10:36		mohan	OK
23	CCB50	CCB50	CCB	04/30/25 10:39		mohan	OK
24	Q1836-02	METALS-DAY-2	SAM	04/30/25 10:41		mohan	OK
25	Q1836-03	METALS-DAY-3	SAM	04/30/25 10:43		mohan	OK
26	Q1836-04	METALS-DAY-4	SAM	04/30/25 10:45		mohan	OK
27	Q1836-01L	METALS-DAY-1L	SD	04/30/25 10:48		mohan	OK
28	Q1836-01A	METALS-DAY-1A	PS	04/30/25 10:50		mohan	OK
29	CCV51	CCV51	CCV	04/30/25 10:52		mohan	OK
30	CCB51	CCB51	CCB	04/30/25 10:55		mohan	OK

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Fax : 908 789 8922

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135614

Review By	Review On
Supervise By	Supervise On

STD. NAME	STD REF.#
ICAL Standard	
ICV Standard	
CCV Standard	
ICSA Standard	
CRI Standard	
LCS Standard	
Chk Standard	

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	04/30/25 14:28		Kareem	OK
2	S1	S1	CAL2	04/30/25 14:33		Kareem	OK
3	S2	S2	CAL3	04/30/25 14:37		Kareem	OK
4	S3	S3	CAL4	04/30/25 14:41		Kareem	OK
5	S4	S4	CAL5	04/30/25 14:45		Kareem	OK
6	S5	S5	CAL6	04/30/25 14:50		Kareem	OK
7	ICV01	ICV01	ICV	04/30/25 16:18	ICV01 Fail for Al,Be,Ca,Co,Fe,Mg,Mn,Tl, V (200.7)	Kareem	OK
8	LLICV01	LLICV01	LLICV	04/30/25 16:28		Kareem	OK
9	ICB01	ICB01	ICB	04/30/25 16:36		Kareem	OK
10	CRI01	CRI01	CRDL	04/30/25 16:41		Kareem	OK
11	ICSA01	ICSA01	ICSA	04/30/25 16:46		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	04/30/25 17:04		Kareem	OK
13	ICSADL	ICSADL	ICSA	04/30/25 17:09		Kareem	OK
14	ICSABDL	ICSABDL	ICSAB	04/30/25 17:13		Kareem	OK
15	CCV01	CCV01	CCV	04/30/25 17:27		Kareem	OK
16	CCB01	CCB01	CCB	04/30/25 17:38		Kareem	OK
17	PB167758BL	PB167758BL	MB	04/30/25 17:43		Kareem	OK
18	PB167758BS	PB167758BS	LCS	04/30/25 17:47		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 # LB135614

Review By	Review On
Supervise By	Supervise On

STD. NAME	STD REF.#
ICAL Standard	
ICV Standard	
CCV Standard	
ICSA Standard	
CRI Standard	
LCS Standard	
Chk Standard	

19	Q1833-02	EFF-WASTE-WATER	SAM	04/30/25 17:51		Kareem	OK
20	Q1836-01	METALS-DAY-1	SAM	04/30/25 17:56		Kareem	OK
21	Q1836-02	METALS-DAY-2	SAM	04/30/25 18:00		Kareem	OK
22	Q1836-03	METALS-DAY-3	SAM	04/30/25 18:04		Kareem	OK
23	Q1836-04	METALS-DAY-4	SAM	04/30/25 18:08		Kareem	OK
24	Q1836-04DUP	METALS-DAY-4DUP	DUP	04/30/25 18:13		Kareem	OK
25	Q1836-04L	METALS-DAY-4L	SD	04/30/25 18:17		Kareem	OK
26	CCV02	CCV02	CCV	04/30/25 18:30		Kareem	OK
27	CCB02	CCB02	CCB	04/30/25 18:35		Kareem	OK
28	Q1836-04MS	METALS-DAY-4MS	MS	04/30/25 18:40		Kareem	OK
29	Q1836-04MSD	METALS-DAY-4MSD	MSD	04/30/25 18:44	,	Kareem	OK
30	Q1836-04A	METALS-DAY-4A	PS	04/30/25 18:48		Kareem	OK
31	PB167757BL	PB167757BL	MB	04/30/25 18:52	LCS Fail for Na	Kareem	Not Ok
32	Q1883-01	OU4-PCS-TC-27-042	SAM	04/30/25 19:00		Kareem	OK
33	Q1883-03	OU4-PCS-TC-28-042	SAM	04/30/25 19:13		Kareem	OK
34	Q1883-05	OU4-PCS-TC-29-042	SAM	04/30/25 19:17		Kareem	OK
35	PB167757BS	PB167757BS	LCS	04/30/25 19:28	LCS Fail for Na	Kareem	Not Ok
36	Q1883-07	OU4-PCS-TC-30-042	SAM	04/30/25 19:33		Kareem	OK
37	CCV03	CCV03	CCV	04/30/25 19:37		Kareem	OK
38	CCB03	CCB03	CCB	04/30/25 19:41		Kareem	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135614

Review By	Review On
Supervise By	Supervise On

STD. NAME	STD REF.#
ICAL Standard	
ICV Standard	
CCV Standard	
ICSA Standard	
CRI Standard	
LCS Standard	
Chk Standard	

39	Q1883-09	OU4-PCS-TC-31-042	SAM	04/30/25 19:45		Kareem	OK
40	Q1883-11	OU4-PCS-TC-32-042	SAM	04/30/25 19:50	MS/MSD Fail for 50% Parameters	Kareem	Not Ok
41	Q1883-11DUP	OU4-PCS-TC-32-042	DUP	04/30/25 19:54	MS/MSD Fail for 50% Parameters	Kareem	Not Ok
42	Q1883-11L	OU4-PCS-TC-32-042	SD	04/30/25 19:58	MS/MSD Fail for 50% Parameters	Kareem	Not Ok
43	Q1883-11MS	OU4-PCS-TC-32-042	MS	04/30/25 20:02	MS/MSD Fail for 50% Parameters	Kareem	Not Ok
44	Q1883-11MSD	OU4-PCS-TC-32-042	MSD	04/30/25 20:06	MS/MSD Fail for 50% Parameters	Kareem	Not Ok
45	Q1883-11A	OU4-PCS-TC-32-042	PS	04/30/25 20:10	MS/MSD Fail for 50% Parameters	Kareem	Not Ok
46	Q1883-13	OU4-VSL-18-042325	SAM	04/30/25 20:14		Kareem	OK
47	Q1883-15	OU4-VSL-19-042325	SAM	04/30/25 20:19		Kareem	OK
48	CCV04	CCV04	CCV	04/30/25 20:23		Kareem	OK
49	CCB04	CCB04	CCB	04/30/25 20:27		Kareem	OK
50	Q1889-01	COMP-1	SAM	04/30/25 20:31		Kareem	OK
51	Q1889-02	COMP-2	SAM	04/30/25 20:35		Kareem	OK
52	Q1889-03	COMP-3	SAM	04/30/25 20:39		Kareem	OK
53	Q1891-01	MH-C	SAM	04/30/25 20:44		Kareem	OK
54	Q1891-05	MH-D	SAM	04/30/25 20:48		Kareem	OK
55	Q1892-01	MH-G	SAM	04/30/25 20:52		Kareem	OK
56	Q1892-05	MH-H	SAM	04/30/25 20:56		Kareem	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135614

Review By	Review On
Supervise By	Supervise On

STD. NAME	STD REF.#
ICAL Standard	
ICV Standard	
CCV Standard	
ICSA Standard	
CRI Standard	
LCS Standard	
Chk Standard	

57	Q1892-09	MH-U2	SAM	04/30/25 21:00		Kareem	OK
58	PB167781BL	PB167781BL	MB	04/30/25 21:04	MB Fail for Fe	Kareem	Not Ok
59	CCV05	CCV05	CCV	04/30/25 21:08		Kareem	OK
60	CCB05	CCB05	CCB	04/30/25 21:13		Kareem	OK
61	PB167781BS	PB167781BS	LCS	04/30/25 21:17	MB Fail for Fe	Kareem	Not Ok
62	Q1901-02	B-167-SB01	SAM	04/30/25 21:21		Kareem	OK
63	Q1901-03	B-170-SB01	SAM	04/30/25 21:25		Kareem	OK
64	Q1901-04	B-167-SB02	SAM	04/30/25 21:29		Kareem	OK
65	Q1901-05	B-170-SB02	SAM	04/30/25 21:33		Kareem	OK
66	Q1902-02	343	SAM	04/30/25 21:37		Kareem	OK
67	Q1902-02DUP	343DUP	DUP	04/30/25 21:42		Kareem	OK
68	Q1902-02L	343L	SD	04/30/25 21:46		Kareem	OK
69	Q1902-02MS	343MS	MS	04/30/25 21:50		Kareem	OK
70	CCV06	CCV06	CCV	04/30/25 21:54		Kareem	OK
71	CCB06	CCB06	CCB	04/30/25 21:58		Kareem	OK
72	Q1902-02MSD	343MSD	MSD	04/30/25 22:02		Kareem	OK
73	Q1902-02A	343A	PS	04/30/25 22:06		Kareem	OK
74	Q1903-01	COMP-4	SAM	04/30/25 22:10		Kareem	OK
75	Q1903-02	COMP-5	SAM	04/30/25 22:15		Kareem	OK
76	Q1903-03	COMP-6	SAM	04/30/25 22:19		Kareem	OK

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Fax : 908 789 8922

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135614

Review By	Review On
Supervise By	Supervise On

STD. NAME	STD REF.#
ICAL Standard	
ICV Standard	
CCV Standard	
ICSA Standard	
CRI Standard	
LCS Standard	
Chk Standard	

77	Q1904-01	VNJ-210	SAM	04/30/25 22:23		Kareem	OK
78	Q1905-01	MH-G	SAM	04/30/25 22:27		Kareem	OK
79	Q1905-05	MH-H	SAM	04/30/25 22:31		Kareem	OK
80	Q1906-01	WC-4	SAM	04/30/25 22:35		Kareem	OK
81	CCV07	CCV07	CCV	04/30/25 22:40		Kareem	OK
82	CCB07	CCB07	CCB	04/30/25 22:44		Kareem	OK
83	Q1906-05	WC-5	SAM	04/30/25 22:48		Kareem	OK
84	Q1906-09	WC-6	SAM	04/30/25 22:52		Kareem	OK
85	Q1906-13	WC-7	SAM	04/30/25 22:56		Kareem	OK
86	Q1907-01	CO-8R-WC	SAM	04/30/25 23:01		Kareem	OK
87	CCV08	CCV08	CCV	04/30/25 23:05		Kareem	OK
88	CCB08	CCB08	CCB	04/30/25 23:09		Kareem	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.
QUOTE NO. Q1836
COC Number 2046708

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Vaston Mfg. Corp
ADDRESS: 17-19 W. 57th Suite 705P
CITY New York STATE NY ZIP: 10036
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: 90-Day Compliance
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

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

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

❑ Level 1 (Results Only) ❑ Level 4 (QC + Full Raw Data)
❑ Level 2 (Results + QC) ❑ NJ Reduced ❑ US EPA CLP
❑ Level 3 (Results + QC + Raw Data) ❑ NYS ASP A ❑ NYS ASP B
❑ Other _____
❑ EDD FORMAT _____

ANALYSIS

PRESERVATIVES

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	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.					4/21	9:00 AM											
2.					4/21	10:00 AM											
3.					4/21	11:00 AM											
4.					4/21	12:00 PM											
5.					4/21	1:00 PM											
6.					4/22	9:00 AM											
7.					4/22	10:00 AM											
8.					4/22	11:00 AM											
9.					4/22	12:00 PM											
10.					4/22	1:00 PM											

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	4/22/22	1.
2. FedEx	4-25-25 1045	2.
3.		3.

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT ❑ COOLER TEMP 3.0 °C
Comments:

Page _____ of

CLIENT: ❑ Hand Delivered ❑ Other _____

Shipment Complete ❑ YES ❑ NO

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

Alliance TECHNICAL GROUP

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

ALLIANCE PROJECT NO.
QUOTE NO. Q1836
COC Number 2046707

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Vartan Mfg. Corp.
ADDRESS: 17-19 W 45th st. Suite 705
CITY New York STATE NY ZIP: 10036
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: 90 Day Compliance
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

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

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

❑ Level 1 (Results Only) ❑ Level 4 (QC + Full Raw Data)
❑ Level 2 (Results + QC) ❑ NJ Reduced ❑ US EPA CLP
❑ Level 3 (Results + QC + Raw Data) ❑ NYS ASP A ❑ NYS ASP B
❑ Other _____
❑ EDD FORMAT _____

ANALYSIS

PRESERVATIVES

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	PRESERVATIVES 1	2	3	4	5	6	7	8	9
1.					4/23	9:00 AM										
2.					4/23	10:00 AM										
3.					4/23	11:00 AM										
4.					4/23	12:00 PM										
5.					4/23	1:00 PM										
6.					4/24	9:00 AM										
7.					4/24	10:00 AM										
8.					4/24	11:00 AM										
9.					4/24	12:00 PM										
10.					4/24	1:00 PM										

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	4/23 4/24	1.
2. FedEx	4-25-25 1045	2.
3.		3.

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT ❑ COOLER TEMP 3.0 °C
Comments:

Page _____ of

CLIENT: ❑ Hand Delivered ❑ Other _____

Shipment Complete ❑ YES ❑ NO

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

Alliance Technical Group, LLC - Newark 284 Sheffield Street Mountainside, NJ 07092

Laboratory Composite Sample log

Lab Project number: Q1836 Date: 4-25-25

Client Name: Vantaw Mfg. Corp Client Project Name : 90 Day Compliance

Instructions: Composite Cyanide Samples 4:1

Sample Custodian:

Client Sample ID	Weigh /Volume used	New ID	Sample Description	Sample Composite time	Comments
Cyanide - 1	500ml 62.5ml	Cyanide - 1	"Clear Water"	1200	62.5ml x 4 = 500ml Total vol. used
Cyanide - 2		Cyanide - 2		1202	
Cyanide - 3		Cyanide - 3		1204	
Cyanide - 4		Cyanide - 4		1206	

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