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Cover Page

Order ID : Q1574

Project ID : Ave L

Client : G Environmental

Lab Sample Number	Client Sample Number
Q1574-01	WC1
Q1574-02	WC1

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: 3/20/2025

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 #: **Q1574**

	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: **PATEL VAISHALI** **Date:** **03/20/2025**

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LAB CHRONICLE

OrderID:	Q1574	**OrderDate:**	3/14/2025 11:25:00 AM
Client:	G Environmental	**Project:**	Ave L
Contact:	Gary Landis	**Location:**	I41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1574-01	**WC1**	**SOIL**			**03/12/25**			**03/14/25**
			Mercury	7471B		03/17/25	03/17/25	
			Metals ICP-TAL	6010D		03/14/25	03/18/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1574 **Order ID:** Q1574

Client: G Environmental **Project ID:** Ave L

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC1								
Q1574-01	WC1	SOIL	Aluminum	7830		2.11	4.38	mg/Kg
Q1574-01	WC1	SOIL	Antimony	23.9		0.13	2.19	mg/Kg
Q1574-01	WC1	SOIL	Arsenic	112		0.25	0.88	mg/Kg
Q1574-01	WC1	SOIL	Barium	267		0.56	4.38	mg/Kg
Q1574-01	WC1	SOIL	Beryllium	1.58		0.011	0.26	mg/Kg
Q1574-01	WC1	SOIL	Cadmium	13.9		0.014	0.26	mg/Kg
Q1574-01	WC1	SOIL	Calcium	7580		2.45	87.6	mg/Kg
Q1574-01	WC1	SOIL	Chromium	118	D	0.95	8.76	mg/Kg
Q1574-01	WC1	SOIL	Cobalt	39.8		0.051	1.31	mg/Kg
Q1574-01	WC1	SOIL	Copper	42300	D	8.23	17.5	mg/Kg
Q1574-01	WC1	SOIL	Iron	140000	D	47.1	87.6	mg/Kg
Q1574-01	WC1	SOIL	Lead	1590		0.13	0.53	mg/Kg
Q1574-01	WC1	SOIL	Magnesium	2890		3.00	87.6	mg/Kg
Q1574-01	WC1	SOIL	Manganese	491		0.062	0.88	mg/Kg
Q1574-01	WC1	SOIL	Mercury	18.7	D	0.36	0.64	mg/Kg
Q1574-01	WC1	SOIL	Nickel	1420		0.079	1.75	mg/Kg
Q1574-01	WC1	SOIL	Potassium	736		25.1	87.6	mg/Kg
Q1574-01	WC1	SOIL	Silver	28.9	D	0.91	8.76	mg/Kg
Q1574-01	WC1	SOIL	Sodium	858		31.6	87.6	mg/Kg
Q1574-01	WC1	SOIL	Thallium	7.63		0.39	1.75	mg/Kg
Q1574-01	WC1	SOIL	Vanadium	33.1		0.24	1.75	mg/Kg
Q1574-01	WC1	SOIL	Zinc	16900	D	1.93	35.0	mg/Kg

SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	03/12/25
Project:	Ave L	Date Received:	03/14/25
Client Sample ID:	WC1	SDG No.:	Q1574
Lab Sample ID:	Q1574-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	98

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7830		1	2.11	4.38	mg/Kg	03/14/25 15:20	03/18/25 11:49	SW6010	SW3050
7440-36-0	Antimony	23.9	N	1	0.13	2.19	mg/Kg	03/14/25 15:20	03/18/25 11:49	SW6010	SW3050
7440-38-2	Arsenic	112		1	0.25	0.88	mg/Kg	03/14/25 15:20	03/18/25 11:49	SW6010	SW3050
7440-39-3	Barium	267	N	1	0.56	4.38	mg/Kg	03/14/25 15:20	03/18/25 11:49	SW6010	SW3050
7440-41-7	Beryllium	1.58	N	1	0.011	0.26	mg/Kg	03/14/25 15:20	03/18/25 11:49	SW6010	SW3050
7440-43-9	Cadmium	13.9		1	0.014	0.26	mg/Kg	03/14/25 15:20	03/18/25 11:49	SW6010	SW3050
7440-70-2	Calcium	7580		1	2.45	87.6	mg/Kg	03/14/25 15:20	03/18/25 11:49	SW6010	SW3050
7440-47-3	Chromium	118	DN	20	0.95	8.76	mg/Kg	03/14/25 15:20	03/18/25 13:41	SW6010	SW3050
7440-48-4	Cobalt	39.8		1	0.051	1.31	mg/Kg	03/14/25 15:20	03/18/25 11:49	SW6010	SW3050
7440-50-8	Copper	42300	DN	20	8.23	17.5	mg/Kg	03/14/25 15:20	03/18/25 13:41	SW6010	SW3050
7439-89-6	Iron	140000	D	20	47.1	87.6	mg/Kg	03/14/25 15:20	03/18/25 13:41	SW6010	SW3050
7439-92-1	Lead	1590		1	0.13	0.53	mg/Kg	03/14/25 15:20	03/18/25 11:49	SW6010	SW3050
7439-95-4	Magnesium	2890		1	3.00	87.6	mg/Kg	03/14/25 15:20	03/18/25 11:49	SW6010	SW3050
7439-96-5	Manganese	491		1	0.062	0.88	mg/Kg	03/14/25 15:20	03/18/25 11:49	SW6010	SW3050
7439-97-6	Mercury	18.7	D	50	0.36	0.64	mg/Kg	03/17/25 09:45	03/17/25 14:37	SW7471B	
7440-02-0	Nickel	1420		1	0.079	1.75	mg/Kg	03/14/25 15:20	03/18/25 11:49	SW6010	SW3050
7440-09-7	Potassium	736		1	25.1	87.6	mg/Kg	03/14/25 15:20	03/18/25 11:49	SW6010	SW3050
7782-49-2	Selenium	0.29	U	1	0.29	0.88	mg/Kg	03/14/25 15:20	03/18/25 11:49	SW6010	SW3050
7440-22-4	Silver	28.9	D	20	0.91	8.76	mg/Kg	03/14/25 15:20	03/18/25 13:41	SW6010	SW3050
7440-23-5	Sodium	858	N	1	31.6	87.6	mg/Kg	03/14/25 15:20	03/18/25 11:49	SW6010	SW3050
7440-28-0	Thallium	7.63		1	0.39	1.75	mg/Kg	03/14/25 15:20	03/18/25 11:49	SW6010	SW3050
7440-62-2	Vanadium	33.1		1	0.24	1.75	mg/Kg	03/14/25 15:20	03/18/25 11:49	SW6010	SW3050
7440-66-6	Zinc	16900	DN	20	1.93	35.0	mg/Kg	03/14/25 15:20	03/18/25 13:41	SW6010	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	METALS-TAL				

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

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

METAL CALIBRATION DATA

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1574

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574

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
ICV45	Mercury	3.97	4.0	99	90 - 110	CV	03/17/2025	13:28	LB135056

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1574

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV17	Mercury	5.06	5.0	101	90 - 110	CV	03/17/2025	13:33	LB135056
CCV18	Mercury	5.04	5.0	101	90 - 110	CV	03/17/2025	14:05	LB135056
CCV19	Mercury	5.29	5.0	106	90 - 110	CV	03/17/2025	14:40	LB135056

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1574

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	2530	2500	101	90 - 110	P	03/18/2025	10:36	LB135083
	Antimony	1010	1000	102	90 - 110	P	03/18/2025	10:36	LB135083
	Arsenic	1020	1000	102	90 - 110	P	03/18/2025	10:36	LB135083
	Barium	540	520	104	90 - 110	P	03/18/2025	10:36	LB135083
	Beryllium	543	510	106	90 - 110	P	03/18/2025	10:36	LB135083
	Cadmium	510	510	100	90 - 110	P	03/18/2025	10:36	LB135083
	Calcium	9880	10000	99	90 - 110	P	03/18/2025	10:36	LB135083
	Chromium	537	520	103	90 - 110	P	03/18/2025	10:36	LB135083
	Cobalt	516	520	99	90 - 110	P	03/18/2025	10:36	LB135083
	Copper	530	510	104	90 - 110	P	03/18/2025	10:36	LB135083
	Iron	10200	10000	102	90 - 110	P	03/18/2025	10:36	LB135083
	Lead	1010	1000	101	90 - 110	P	03/18/2025	10:36	LB135083
	Magnesium	5820	6000	97	90 - 110	P	03/18/2025	10:36	LB135083
	Manganese	500	520	96	90 - 110	P	03/18/2025	10:36	LB135083
	Nickel	519	530	98	90 - 110	P	03/18/2025	10:36	LB135083
	Potassium	9940	9900	100	90 - 110	P	03/18/2025	10:36	LB135083
	Selenium	1050	1000	105	90 - 110	P	03/18/2025	10:36	LB135083
	Silver	260	250	104	90 - 110	P	03/18/2025	10:36	LB135083
	Sodium	10100	10000	101	90 - 110	P	03/18/2025	10:36	LB135083
	Thallium	1070	1000	106	90 - 110	P	03/18/2025	10:36	LB135083
	Vanadium	519	500	104	90 - 110	P	03/18/2025	10:36	LB135083
	Zinc	1040	1000	104	90 - 110	P	03/18/2025	10:36	LB135083

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1574

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	105	100	105	80 - 120	P	03/18/2025	10:41	LB135083
	Antimony	54.0	50.0	108	80 - 120	P	03/18/2025	10:41	LB135083
	Arsenic	21.9	20.0	110	80 - 120	P	03/18/2025	10:41	LB135083
	Barium	95.4	100	95	80 - 120	P	03/18/2025	10:41	LB135083
	Beryllium	5.97	6.0	100	80 - 120	P	03/18/2025	10:41	LB135083
	Cadmium	5.91	6.0	98	80 - 120	P	03/18/2025	10:41	LB135083
	Calcium	1980	2000	99	80 - 120	P	03/18/2025	10:41	LB135083
	Chromium	10.9	10.0	109	80 - 120	P	03/18/2025	10:41	LB135083
	Cobalt	29.6	30.0	99	80 - 120	P	03/18/2025	10:41	LB135083
	Copper	22.3	20.0	112	80 - 120	P	03/18/2025	10:41	LB135083
	Iron	112	100	112	80 - 120	P	03/18/2025	10:41	LB135083
	Lead	10.9	12.0	91	80 - 120	P	03/18/2025	10:41	LB135083
	Magnesium	2090	2000	105	80 - 120	P	03/18/2025	10:41	LB135083
	Manganese	19.3	20.0	96	80 - 120	P	03/18/2025	10:41	LB135083
	Nickel	39.6	40.0	99	80 - 120	P	03/18/2025	10:41	LB135083
	Potassium	1860	2000	93	80 - 120	P	03/18/2025	10:41	LB135083
	Selenium	18.4	20.0	92	80 - 120	P	03/18/2025	10:41	LB135083
	Silver	10.1	10.0	101	80 - 120	P	03/18/2025	10:41	LB135083
	Sodium	1940	2000	97	80 - 120	P	03/18/2025	10:41	LB135083
	Thallium	38.6	40.0	96	80 - 120	P	03/18/2025	10:41	LB135083
	Vanadium	38.6	40.0	96	80 - 120	P	03/18/2025	10:41	LB135083
	Zinc	42.8	40.0	107	80 - 120	P	03/18/2025	10:41	LB135083

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1574

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9850	10000	98	90 - 110	P	03/18/2025	11:09	LB135083
	Antimony	5030	5000	101	90 - 110	P	03/18/2025	11:09	LB135083
	Arsenic	5040	5000	101	90 - 110	P	03/18/2025	11:09	LB135083
	Barium	9530	10000	95	90 - 110	P	03/18/2025	11:09	LB135083
	Beryllium	243	250	97	90 - 110	P	03/18/2025	11:09	LB135083
	Cadmium	2470	2500	99	90 - 110	P	03/18/2025	11:09	LB135083
	Calcium	24200	25000	97	90 - 110	P	03/18/2025	11:09	LB135083
	Chromium	1020	1000	102	90 - 110	P	03/18/2025	11:09	LB135083
	Cobalt	2460	2500	98	90 - 110	P	03/18/2025	11:09	LB135083
	Copper	1240	1250	100	90 - 110	P	03/18/2025	11:09	LB135083
	Iron	4880	5000	98	90 - 110	P	03/18/2025	11:09	LB135083
	Lead	4990	5000	100	90 - 110	P	03/18/2025	11:09	LB135083
	Magnesium	24000	25000	96	90 - 110	P	03/18/2025	11:09	LB135083
	Manganese	2350	2500	94	90 - 110	P	03/18/2025	11:09	LB135083
	Nickel	2450	2500	98	90 - 110	P	03/18/2025	11:09	LB135083
	Potassium	24400	25000	98	90 - 110	P	03/18/2025	11:09	LB135083
	Selenium	5040	5000	101	90 - 110	P	03/18/2025	11:09	LB135083
	Silver	1260	1250	101	90 - 110	P	03/18/2025	11:09	LB135083
	Sodium	25300	25000	101	90 - 110	P	03/18/2025	11:09	LB135083
	Thallium	5130	5000	103	90 - 110	P	03/18/2025	11:09	LB135083
	Vanadium	2420	2500	97	90 - 110	P	03/18/2025	11:09	LB135083
	Zinc	2540	2500	102	90 - 110	P	03/18/2025	11:09	LB135083
CCV02	Aluminum	9700	10000	97	90 - 110	P	03/18/2025	12:08	LB135083
	Antimony	4940	5000	99	90 - 110	P	03/18/2025	12:08	LB135083
	Arsenic	4890	5000	98	90 - 110	P	03/18/2025	12:08	LB135083
	Barium	9170	10000	92	90 - 110	P	03/18/2025	12:08	LB135083
	Beryllium	237	250	95	90 - 110	P	03/18/2025	12:08	LB135083
	Cadmium	2410	2500	96	90 - 110	P	03/18/2025	12:08	LB135083
	Calcium	23900	25000	95	90 - 110	P	03/18/2025	12:08	LB135083
	Chromium	1020	1000	102	90 - 110	P	03/18/2025	12:08	LB135083
	Cobalt	2400	2500	96	90 - 110	P	03/18/2025	12:08	LB135083
	Copper	1210	1250	97	90 - 110	P	03/18/2025	12:08	LB135083
	Iron	4690	5000	94	90 - 110	P	03/18/2025	12:08	LB135083
	Lead	4880	5000	98	90 - 110	P	03/18/2025	12:08	LB135083

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1574

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	23600	25000	95	90 - 110	P	03/18/2025	12:08	LB135083
	Manganese	2260	2500	90	90 - 110	P	03/18/2025	12:08	LB135083
	Nickel	2390	2500	96	90 - 110	P	03/18/2025	12:08	LB135083
	Potassium	23400	25000	94	90 - 110	P	03/18/2025	12:08	LB135083
	Selenium	4860	5000	97	90 - 110	P	03/18/2025	12:08	LB135083
	Silver	1240	1250	99	90 - 110	P	03/18/2025	12:08	LB135083
	Sodium	24500	25000	98	90 - 110	P	03/18/2025	12:08	LB135083
	Thallium	5040	5000	101	90 - 110	P	03/18/2025	12:08	LB135083
	Vanadium	2380	2500	95	90 - 110	P	03/18/2025	12:08	LB135083
	Zinc	2290	2500	91	90 - 110	P	03/18/2025	12:08	LB135083
CCV03	Aluminum	9740	10000	97	90 - 110	P	03/18/2025	13:07	LB135083
	Antimony	4970	5000	99	90 - 110	P	03/18/2025	13:07	LB135083
	Arsenic	4920	5000	98	90 - 110	P	03/18/2025	13:07	LB135083
	Barium	9800	10000	98	90 - 110	P	03/18/2025	13:07	LB135083
	Beryllium	239	250	96	90 - 110	P	03/18/2025	13:07	LB135083
	Cadmium	2400	2500	96	90 - 110	P	03/18/2025	13:07	LB135083
	Calcium	23700	25000	95	90 - 110	P	03/18/2025	13:07	LB135083
	Chromium	1020	1000	102	90 - 110	P	03/18/2025	13:07	LB135083
	Cobalt	2390	2500	96	90 - 110	P	03/18/2025	13:07	LB135083
	Copper	1220	1250	97	90 - 110	P	03/18/2025	13:07	LB135083
	Iron	4690	5000	94	90 - 110	P	03/18/2025	13:07	LB135083
	Lead	4850	5000	97	90 - 110	P	03/18/2025	13:07	LB135083
	Magnesium	23700	25000	95	90 - 110	P	03/18/2025	13:07	LB135083
	Manganese	2390	2500	96	90 - 110	P	03/18/2025	13:07	LB135083
	Nickel	2380	2500	95	90 - 110	P	03/18/2025	13:07	LB135083
	Potassium	23300	25000	93	90 - 110	P	03/18/2025	13:07	LB135083
	Selenium	4910	5000	98	90 - 110	P	03/18/2025	13:07	LB135083
	Silver	1240	1250	99	90 - 110	P	03/18/2025	13:07	LB135083
	Sodium	24600	25000	98	90 - 110	P	03/18/2025	13:07	LB135083
	Thallium	5040	5000	101	90 - 110	P	03/18/2025	13:07	LB135083
	Vanadium	2370	2500	95	90 - 110	P	03/18/2025	13:07	LB135083
	Zinc	2430	2500	97	90 - 110	P	03/18/2025	13:07	LB135083
CCV04	Aluminum	9260	10000	93	90 - 110	P	03/18/2025	14:07	LB135083
	Antimony	4820	5000	96	90 - 110	P	03/18/2025	14:07	LB135083

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1574

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4770	5000	95	90 - 110	P	03/18/2025	14:07	LB135083
	Barium	9510	10000	95	90 - 110	P	03/18/2025	14:07	LB135083
	Beryllium	225	250	90	90 - 110	P	03/18/2025	14:07	LB135083
	Cadmium	2310	2500	92	90 - 110	P	03/18/2025	14:07	LB135083
	Calcium	23500	25000	94	90 - 110	P	03/18/2025	14:07	LB135083
	Chromium	981	1000	98	90 - 110	P	03/18/2025	14:07	LB135083
	Cobalt	2300	2500	92	90 - 110	P	03/18/2025	14:07	LB135083
	Copper	1180	1250	94	90 - 110	P	03/18/2025	14:07	LB135083
	Iron	5040	5000	101	90 - 110	P	03/18/2025	14:07	LB135083
	Lead	4660	5000	93	90 - 110	P	03/18/2025	14:07	LB135083
	Magnesium	25200	25000	101	90 - 110	P	03/18/2025	14:07	LB135083
	Manganese	2700	2500	108	90 - 110	P	03/18/2025	14:07	LB135083
	Nickel	2300	2500	92	90 - 110	P	03/18/2025	14:07	LB135083
	Potassium	23400	25000	94	90 - 110	P	03/18/2025	14:07	LB135083
	Selenium	4760	5000	95	90 - 110	P	03/18/2025	14:07	LB135083
	Silver	1190	1250	95	90 - 110	P	03/18/2025	14:07	LB135083
	Sodium	23700	25000	95	90 - 110	P	03/18/2025	14:07	LB135083
	Thallium	4800	5000	96	90 - 110	P	03/18/2025	14:07	LB135083
	Vanadium	2250	2500	90	90 - 110	P	03/18/2025	14:07	LB135083
	Zinc	2330	2500	93	90 - 110	P	03/18/2025	14:07	LB135083
CCV05	Aluminum	9410	10000	94	90 - 110	P	03/18/2025	14:49	LB135083
	Antimony	4970	5000	99	90 - 110	P	03/18/2025	14:49	LB135083
	Arsenic	4920	5000	98	90 - 110	P	03/18/2025	14:49	LB135083
	Barium	10800	10000	108	90 - 110	P	03/18/2025	14:49	LB135083
	Beryllium	227	250	91	90 - 110	P	03/18/2025	14:49	LB135083
	Cadmium	2370	2500	95	90 - 110	P	03/18/2025	14:49	LB135083
	Calcium	22900	25000	92	90 - 110	P	03/18/2025	14:49	LB135083
	Chromium	1000	1000	100	90 - 110	P	03/18/2025	14:49	LB135083
	Cobalt	2370	2500	95	90 - 110	P	03/18/2025	14:49	LB135083
	Copper	1220	1250	98	90 - 110	P	03/18/2025	14:49	LB135083
	Iron	4720	5000	94	90 - 110	P	03/18/2025	14:49	LB135083
	Lead	4790	5000	96	90 - 110	P	03/18/2025	14:49	LB135083
	Magnesium	22600	25000	90	90 - 110	P	03/18/2025	14:49	LB135083
	Manganese	2360	2500	94	90 - 110	P	03/18/2025	14:49	LB135083

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1574

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574

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	Nickel	2360	2500	95	90 - 110	P	03/18/2025	14:49	LB135083
	Potassium	23900	25000	96	90 - 110	P	03/18/2025	14:49	LB135083
	Selenium	4900	5000	98	90 - 110	P	03/18/2025	14:49	LB135083
	Silver	1230	1250	99	90 - 110	P	03/18/2025	14:49	LB135083
	Sodium	25100	25000	100	90 - 110	P	03/18/2025	14:49	LB135083
	Thallium	4900	5000	98	90 - 110	P	03/18/2025	14:49	LB135083
	Vanadium	2310	2500	92	90 - 110	P	03/18/2025	14:49	LB135083
	Zinc	2440	2500	98	90 - 110	P	03/18/2025	14:49	LB135083

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CRDL STANDARD FOR AA & ICP

Client: G Environmental **SDG No.:** Q1574

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574

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	0.19	0.2	97	40 - 160	CV	03/17/2025	13:37	LB135056
CRI01	Aluminum	106	100	106	40 - 160	P	03/18/2025	10:49	LB135083
	Antimony	53.8	50.0	108	40 - 160	P	03/18/2025	10:49	LB135083
	Arsenic	22.6	20.0	113	40 - 160	P	03/18/2025	10:49	LB135083
	Barium	94.4	100	94	40 - 160	P	03/18/2025	10:49	LB135083
	Beryllium	5.87	6.0	98	40 - 160	P	03/18/2025	10:49	LB135083
	Cadmium	5.91	6.0	98	40 - 160	P	03/18/2025	10:49	LB135083
	Calcium	1960	2000	98	40 - 160	P	03/18/2025	10:49	LB135083
	Chromium	10.8	10.0	108	40 - 160	P	03/18/2025	10:49	LB135083
	Cobalt	29.4	30.0	98	40 - 160	P	03/18/2025	10:49	LB135083
	Copper	22.0	20.0	110	40 - 160	P	03/18/2025	10:49	LB135083
	Iron	114	100	114	40 - 160	P	03/18/2025	10:49	LB135083
	Lead	11.3	12.0	94	40 - 160	P	03/18/2025	10:49	LB135083
	Magnesium	2060	2000	103	40 - 160	P	03/18/2025	10:49	LB135083
	Manganese	18.5	20.0	93	40 - 160	P	03/18/2025	10:49	LB135083
	Nickel	39.3	40.0	98	40 - 160	P	03/18/2025	10:49	LB135083
	Potassium	1840	2000	92	40 - 160	P	03/18/2025	10:49	LB135083
	Selenium	16.6	20.0	83	40 - 160	P	03/18/2025	10:49	LB135083
	Silver	10.7	10.0	107	40 - 160	P	03/18/2025	10:49	LB135083
	Sodium	1950	2000	97	40 - 160	P	03/18/2025	10:49	LB135083
	Thallium	38.4	40.0	96	40 - 160	P	03/18/2025	10:49	LB135083
	Vanadium	37.0	40.0	92	40 - 160	P	03/18/2025	10:49	LB135083
	Zinc	43.1	40.0	108	40 - 160	P	03/18/2025	10:49	LB135083

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1574

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB45	Mercury	0.20	+/-0.20	U	0.20	CV	03/17/2025	13:30	LB135056

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1574

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB17	Mercury	0.20	+/-0.20	U	0.20	CV	03/17/2025	13:35	LB135056
CCB18	Mercury	0.20	+/-0.20	U	0.20	CV	03/17/2025	14:07	LB135056
CCB19	Mercury	0.20	+/-0.20	U	0.20	CV	03/17/2025	14:42	LB135056

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1574

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	100	+/-100	U	100	P	03/18/2025	10:45	LB135083
	Antimony	50.0	+/-50.0	U	50.0	P	03/18/2025	10:45	LB135083
	Arsenic	20.0	+/-20.0	U	20.0	P	03/18/2025	10:45	LB135083
	Barium	100	+/-100	U	100	P	03/18/2025	10:45	LB135083
	Beryllium	6.00	+/-6.00	U	6.00	P	03/18/2025	10:45	LB135083
	Cadmium	6.00	+/-6.00	U	6.00	P	03/18/2025	10:45	LB135083
	Calcium	2000	+/-2000	U	2000	P	03/18/2025	10:45	LB135083
	Chromium	10.0	+/-10.0	U	10.0	P	03/18/2025	10:45	LB135083
	Cobalt	30.0	+/-30.0	U	30.0	P	03/18/2025	10:45	LB135083
	Copper	20.0	+/-20.0	U	20.0	P	03/18/2025	10:45	LB135083
	Iron	100	+/-100	U	100	P	03/18/2025	10:45	LB135083
	Lead	12.0	+/-12.0	U	12.0	P	03/18/2025	10:45	LB135083
	Magnesium	2000	+/-2000	U	2000	P	03/18/2025	10:45	LB135083
	Manganese	20.0	+/-20.0	U	20.0	P	03/18/2025	10:45	LB135083
	Nickel	40.0	+/-40.0	U	40.0	P	03/18/2025	10:45	LB135083
	Potassium	2000	+/-2000	U	2000	P	03/18/2025	10:45	LB135083
	Selenium	20.0	+/-20.0	U	20.0	P	03/18/2025	10:45	LB135083
	Silver	10.0	+/-10.0	U	10.0	P	03/18/2025	10:45	LB135083
	Sodium	2000	+/-2000	U	2000	P	03/18/2025	10:45	LB135083
	Thallium	40.0	+/-40.0	U	40.0	P	03/18/2025	10:45	LB135083
	Vanadium	40.0	+/-40.0	U	40.0	P	03/18/2025	10:45	LB135083
	Zinc	40.0	+/-40.0	U	40.0	P	03/18/2025	10:45	LB135083

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1574

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	100	+/-100	U	100	P	03/18/2025	11:13	LB135083
	Antimony	50.0	+/-50.0	U	50.0	P	03/18/2025	11:13	LB135083
	Arsenic	20.0	+/-20.0	U	20.0	P	03/18/2025	11:13	LB135083
	Barium	100	+/-100	U	100	P	03/18/2025	11:13	LB135083
	Beryllium	6.00	+/-6.00	U	6.00	P	03/18/2025	11:13	LB135083
	Cadmium	6.00	+/-6.00	U	6.00	P	03/18/2025	11:13	LB135083
	Calcium	2000	+/-2000	U	2000	P	03/18/2025	11:13	LB135083
	Chromium	10.0	+/-10.0	U	10.0	P	03/18/2025	11:13	LB135083
	Cobalt	30.0	+/-30.0	U	30.0	P	03/18/2025	11:13	LB135083
	Copper	20.0	+/-20.0	U	20.0	P	03/18/2025	11:13	LB135083
	Iron	100	+/-100	U	100	P	03/18/2025	11:13	LB135083
	Lead	12.0	+/-12.0	U	12.0	P	03/18/2025	11:13	LB135083
	Magnesium	2000	+/-2000	U	2000	P	03/18/2025	11:13	LB135083
	Manganese	20.0	+/-20.0	U	20.0	P	03/18/2025	11:13	LB135083
	Nickel	40.0	+/-40.0	U	40.0	P	03/18/2025	11:13	LB135083
	Potassium	2000	+/-2000	U	2000	P	03/18/2025	11:13	LB135083
	Selenium	20.0	+/-20.0	U	20.0	P	03/18/2025	11:13	LB135083
	Silver	10.0	+/-10.0	U	10.0	P	03/18/2025	11:13	LB135083
	Sodium	2000	+/-2000	U	2000	P	03/18/2025	11:13	LB135083
	Thallium	40.0	+/-40.0	U	40.0	P	03/18/2025	11:13	LB135083
	Vanadium	40.0	+/-40.0	U	40.0	P	03/18/2025	11:13	LB135083
	Zinc	40.0	+/-40.0	U	40.0	P	03/18/2025	11:13	LB135083
CCB02	Aluminum	100	+/-100	U	100	P	03/18/2025	12:17	LB135083
	Antimony	50.0	+/-50.0	U	50.0	P	03/18/2025	12:17	LB135083
	Arsenic	20.0	+/-20.0	U	20.0	P	03/18/2025	12:17	LB135083
	Barium	100	+/-100	U	100	P	03/18/2025	12:17	LB135083
	Beryllium	6.00	+/-6.00	U	6.00	P	03/18/2025	12:17	LB135083
	Cadmium	6.00	+/-6.00	U	6.00	P	03/18/2025	12:17	LB135083
	Calcium	2000	+/-2000	U	2000	P	03/18/2025	12:17	LB135083
	Chromium	10.0	+/-10.0	U	10.0	P	03/18/2025	12:17	LB135083
	Cobalt	30.0	+/-30.0	U	30.0	P	03/18/2025	12:17	LB135083
	Copper	20.0	+/-20.0	U	20.0	P	03/18/2025	12:17	LB135083
	Iron	100	+/-100	U	100	P	03/18/2025	12:17	LB135083
	Lead	12.0	+/-12.0	U	12.0	P	03/18/2025	12:17	LB135083
	Magnesium	2000	+/-2000	U	2000	P	03/18/2025	12:17	LB135083
	Manganese	20.0	+/-20.0	U	20.0	P	03/18/2025	12:17	LB135083
	Nickel	40.0	+/-40.0	U	40.0	P	03/18/2025	12:17	LB135083
	Potassium	2000	+/-2000	U	2000	P	03/18/2025	12:17	LB135083
	Selenium	20.0	+/-20.0	U	20.0	P	03/18/2025	12:17	LB135083

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1574

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	10.0	+/-10.0	U	10.0	P	03/18/2025	12:17	LB135083
	Sodium	2000	+/-2000	U	2000	P	03/18/2025	12:17	LB135083
	Thallium	40.0	+/-40.0	U	40.0	P	03/18/2025	12:17	LB135083
	Vanadium	40.0	+/-40.0	U	40.0	P	03/18/2025	12:17	LB135083
	Zinc	40.0	+/-40.0	U	40.0	P	03/18/2025	12:17	LB135083
CCB03	Aluminum	100	+/-100	U	100	P	03/18/2025	13:13	LB135083
	Antimony	50.0	+/-50.0	U	50.0	P	03/18/2025	13:13	LB135083
	Arsenic	20.0	+/-20.0	U	20.0	P	03/18/2025	13:13	LB135083
	Barium	100	+/-100	U	100	P	03/18/2025	13:13	LB135083
	Beryllium	6.00	+/-6.00	U	6.00	P	03/18/2025	13:13	LB135083
	Cadmium	6.00	+/-6.00	U	6.00	P	03/18/2025	13:13	LB135083
	Calcium	2000	+/-2000	U	2000	P	03/18/2025	13:13	LB135083
	Chromium	10.0	+/-10.0	U	10.0	P	03/18/2025	13:13	LB135083
	Cobalt	30.0	+/-30.0	U	30.0	P	03/18/2025	13:13	LB135083
	Copper	20.0	+/-20.0	U	20.0	P	03/18/2025	13:13	LB135083
	Iron	100	+/-100	U	100	P	03/18/2025	13:13	LB135083
	Lead	12.0	+/-12.0	U	12.0	P	03/18/2025	13:13	LB135083
	Magnesium	2000	+/-2000	U	2000	P	03/18/2025	13:13	LB135083
	Manganese	20.0	+/-20.0	U	20.0	P	03/18/2025	13:13	LB135083
	Nickel	40.0	+/-40.0	U	40.0	P	03/18/2025	13:13	LB135083
	Potassium	2000	+/-2000	U	2000	P	03/18/2025	13:13	LB135083
	Selenium	20.0	+/-20.0	U	20.0	P	03/18/2025	13:13	LB135083
	Silver	10.0	+/-10.0	U	10.0	P	03/18/2025	13:13	LB135083
	Sodium	2000	+/-2000	U	2000	P	03/18/2025	13:13	LB135083
	Thallium	40.0	+/-40.0	U	40.0	P	03/18/2025	13:13	LB135083
	Vanadium	40.0	+/-40.0	U	40.0	P	03/18/2025	13:13	LB135083
	Zinc	40.0	+/-40.0	U	40.0	P	03/18/2025	13:13	LB135083
CCB04	Aluminum	100	+/-100	U	100	P	03/18/2025	14:20	LB135083
	Antimony	50.0	+/-50.0	U	50.0	P	03/18/2025	14:20	LB135083
	Arsenic	20.0	+/-20.0	U	20.0	P	03/18/2025	14:20	LB135083
	Barium	100	+/-100	U	100	P	03/18/2025	14:20	LB135083
	Beryllium	6.00	+/-6.00	U	6.00	P	03/18/2025	14:20	LB135083
	Cadmium	6.00	+/-6.00	U	6.00	P	03/18/2025	14:20	LB135083
	Calcium	2000	+/-2000	U	2000	P	03/18/2025	14:20	LB135083
	Chromium	10.0	+/-10.0	U	10.0	P	03/18/2025	14:20	LB135083
	Cobalt	30.0	+/-30.0	U	30.0	P	03/18/2025	14:20	LB135083
	Copper	20.0	+/-20.0	U	20.0	P	03/18/2025	14:20	LB135083
	Iron	100	+/-100	U	100	P	03/18/2025	14:20	LB135083
	Lead	12.0	+/-12.0	U	12.0	P	03/18/2025	14:20	LB135083

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1574

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	2000	+/-2000	U	2000	P	03/18/2025	14:20	LB135083
	Manganese	20.0	+/-20.0	U	20.0	P	03/18/2025	14:20	LB135083
	Nickel	40.0	+/-40.0	U	40.0	P	03/18/2025	14:20	LB135083
	Potassium	2000	+/-2000	U	2000	P	03/18/2025	14:20	LB135083
	Selenium	20.0	+/-20.0	U	20.0	P	03/18/2025	14:20	LB135083
	Silver	10.0	+/-10.0	U	10.0	P	03/18/2025	14:20	LB135083
	Sodium	2000	+/-2000	U	2000	P	03/18/2025	14:20	LB135083
	Thallium	40.0	+/-40.0	U	40.0	P	03/18/2025	14:20	LB135083
	Vanadium	40.0	+/-40.0	U	40.0	P	03/18/2025	14:20	LB135083
	Zinc	40.0	+/-40.0	U	40.0	P	03/18/2025	14:20	LB135083
CCB05	Aluminum	100	+/-100	U	100	P	03/18/2025	14:53	LB135083
	Antimony	50.0	+/-50.0	U	50.0	P	03/18/2025	14:53	LB135083
	Arsenic	20.0	+/-20.0	U	20.0	P	03/18/2025	14:53	LB135083
	Barium	100	+/-100	U	100	P	03/18/2025	14:53	LB135083
	Beryllium	6.00	+/-6.00	U	6.00	P	03/18/2025	14:53	LB135083
	Cadmium	6.00	+/-6.00	U	6.00	P	03/18/2025	14:53	LB135083
	Calcium	2000	+/-2000	U	2000	P	03/18/2025	14:53	LB135083
	Chromium	10.0	+/-10.0	U	10.0	P	03/18/2025	14:53	LB135083
	Cobalt	30.0	+/-30.0	U	30.0	P	03/18/2025	14:53	LB135083
	Copper	20.0	+/-20.0	U	20.0	P	03/18/2025	14:53	LB135083
	Iron	100	+/-100	U	100	P	03/18/2025	14:53	LB135083
	Lead	12.0	+/-12.0	U	12.0	P	03/18/2025	14:53	LB135083
	Magnesium	2000	+/-2000	U	2000	P	03/18/2025	14:53	LB135083
	Manganese	20.0	+/-20.0	U	20.0	P	03/18/2025	14:53	LB135083
	Nickel	40.0	+/-40.0	U	40.0	P	03/18/2025	14:53	LB135083
	Potassium	2000	+/-2000	U	2000	P	03/18/2025	14:53	LB135083
	Selenium	20.0	+/-20.0	U	20.0	P	03/18/2025	14:53	LB135083
	Silver	10.0	+/-10.0	U	10.0	P	03/18/2025	14:53	LB135083
	Sodium	2000	+/-2000	U	2000	P	03/18/2025	14:53	LB135083
	Thallium	40.0	+/-40.0	U	40.0	P	03/18/2025	14:53	LB135083
	Vanadium	40.0	+/-40.0	U	40.0	P	03/18/2025	14:53	LB135083
	Zinc	40.0	+/-40.0	U	40.0	P	03/18/2025	14:53	LB135083

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Metals
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PREPARATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1574

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB167162BL		**SOLID**		**Batch Number:**	**PB167162**		**Prep Date:**	**03/17/2025**	
	Mercury	0.013	<0.013	U	0.013	CV	03/17/2025	13:44	LB135056

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1574

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB167145BL		**SOLID**		**Batch Number:**	**PB167145**		**Prep Date:**	**03/14/2025**	
	Aluminum	4.69	<4.69	U	4.69	P	03/18/2025	11:18	LB135083
	Antimony	2.35	<2.35	U	2.35	P	03/18/2025	11:18	LB135083
	Arsenic	0.94	<0.94	U	0.94	P	03/18/2025	11:18	LB135083
	Barium	4.69	<4.69	U	4.69	P	03/18/2025	11:18	LB135083
	Beryllium	0.28	<0.28	U	0.28	P	03/18/2025	11:18	LB135083
	Cadmium	0.28	<0.28	U	0.28	P	03/18/2025	11:18	LB135083
	Calcium	93.9	<93.9	U	93.9	P	03/18/2025	11:18	LB135083
	Chromium	0.47	<0.47	U	0.47	P	03/18/2025	11:18	LB135083
	Cobalt	1.41	<1.41	U	1.41	P	03/18/2025	11:18	LB135083
	Copper	0.94	<0.94	U	0.94	P	03/18/2025	11:18	LB135083
	Iron	4.69	<4.69	U	4.69	P	03/18/2025	11:18	LB135083
	Lead	0.56	<0.56	U	0.56	P	03/18/2025	11:18	LB135083
	Magnesium	93.9	<93.9	U	93.9	P	03/18/2025	11:18	LB135083
	Manganese	0.94	<0.94	U	0.94	P	03/18/2025	11:18	LB135083
	Nickel	1.88	<1.88	U	1.88	P	03/18/2025	11:18	LB135083
	Potassium	93.9	<93.9	U	93.9	P	03/18/2025	11:18	LB135083
	Selenium	0.94	<0.94	U	0.94	P	03/18/2025	11:18	LB135083
	Silver	0.47	<0.47	U	0.47	P	03/18/2025	11:18	LB135083
	Sodium	93.9	<93.9	U	93.9	P	03/18/2025	11:18	LB135083
	Thallium	1.88	<1.88	U	1.88	P	03/18/2025	11:18	LB135083
	Vanadium	1.88	<1.88	U	1.88	P	03/18/2025	11:18	LB135083
	Zinc	1.88	<1.88	U	1.88	P	03/18/2025	11:18	LB135083

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Metals
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INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q1574

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	248000	255000	97	216000	294000	03/18/2025	10:54	LB135083
	Antimony	-1.12			-50	50	03/18/2025	10:54	LB135083
	Arsenic	3.99			-20	20	03/18/2025	10:54	LB135083
	Barium	5.93	6.0	99	-94	106	03/18/2025	10:54	LB135083
	Beryllium	1.33			-6	6	03/18/2025	10:54	LB135083
	Cadmium	-4.36	1.0	436	-5	7	03/18/2025	10:54	LB135083
	Calcium	237000	245000	97	208000	282000	03/18/2025	10:54	LB135083
	Chromium	60.3	52.0	116	42	62	03/18/2025	10:54	LB135083
	Cobalt	1.97			-30	30	03/18/2025	10:54	LB135083
	Copper	10.2	2.0	508	-18	22	03/18/2025	10:54	LB135083
	Iron	103000	101000	102	85600	116500	03/18/2025	10:54	LB135083
	Lead	5.17			-12	12	03/18/2025	10:54	LB135083
	Magnesium	250000	255000	98	216000	294000	03/18/2025	10:54	LB135083
	Manganese	1.65	7.0	24	-13	27	03/18/2025	10:54	LB135083
	Nickel	2.16	2.0	108	-38	42	03/18/2025	10:54	LB135083
	Potassium	-104			0	0	03/18/2025	10:54	LB135083
	Selenium	-12.3			-20	20	03/18/2025	10:54	LB135083
	Silver	-0.69			-10	10	03/18/2025	10:54	LB135083
	Sodium	33.1			0	0	03/18/2025	10:54	LB135083
	Thallium	7.73			-40	40	03/18/2025	10:54	LB135083
	Vanadium	2.42			-40	40	03/18/2025	10:54	LB135083
	Zinc	4.66			-40	40	03/18/2025	10:54	LB135083
ICSAB01	Aluminum	236000	247000	96	209000	285000	03/18/2025	11:04	LB135083
	Antimony	600	618	97	525	711	03/18/2025	11:04	LB135083
	Arsenic	106	104	102	88.4	120	03/18/2025	11:04	LB135083
	Barium	452	537	84	437	637	03/18/2025	11:04	LB135083
	Beryllium	473	495	96	420	570	03/18/2025	11:04	LB135083
	Cadmium	955	972	98	826	1120	03/18/2025	11:04	LB135083
	Calcium	223000	235000	95	199000	271000	03/18/2025	11:04	LB135083
	Chromium	555	542	102	460	624	03/18/2025	11:04	LB135083
	Cobalt	486	476	102	404	548	03/18/2025	11:04	LB135083
	Copper	489	511	96	434	588	03/18/2025	11:04	LB135083
	Iron	95600	99300	96	84400	114500	03/18/2025	11:04	LB135083
	Lead	51.9	49.0	106	37	61	03/18/2025	11:04	LB135083
	Magnesium	239000	248000	96	210000	286000	03/18/2025	11:04	LB135083
	Manganese	442	507	87	430	584	03/18/2025	11:04	LB135083
	Nickel	961	954	101	810	1100	03/18/2025	11:04	LB135083
	Potassium	-124			0	0	03/18/2025	11:04	LB135083
	Selenium	34.2	46.0	74	26	66	03/18/2025	11:04	LB135083
	Silver	211	201	105	170	232	03/18/2025	11:04	LB135083
	Sodium	15.0			0	0	03/18/2025	11:04	LB135083
	Thallium	101	108	94	68	148	03/18/2025	11:04	LB135083

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Metals
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INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q1574

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574

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
ICSAB01	Vanadium	446	491	91	417	565	03/18/2025	11:04	LB135083
	Zinc	1040	952	109	809	1095	03/18/2025	11:04	LB135083

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metals
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MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q1574

contract: GENV01 **lab code:** CHEM **case no.:** Q1574 **sas no.:** Q1574

matrix: Solid **sample id:** Q1581-01 **client id:** TR-06-031425MS

Percent Solids for Sample: 93.3 **Spiked ID:** Q1581-01MS **Percent Solids for Spike Sample:** 93.3

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	74 - 119	3930		3770		94.0	168		P
Antimony	mg/Kg	79 - 114	2.35	U	2.26	U	37.6	0	N	P
Arsenic	mg/Kg	82 - 111	37.3		5.02		37.6	86		P
Barium	mg/Kg	83 - 113	29.8		18.4		9.4	122	N	P
Beryllium	mg/Kg	83 - 113	8.04		0.37		9.4	82	N	P
Cadmium	mg/Kg	82 - 113	7.92		0.27	U	9.4	84		P
Calcium	mg/Kg	81 - 116	5340		5160		47.0	383		P
Chromium	mg/Kg	85 - 113	40.7		18.6		18.8	118	N	P
Cobalt	mg/Kg	85 - 112	11.2		2.52		9.4	92		P
Copper	mg/Kg	81 - 117	23.2		13.1		14.1	71	N	P
Iron	mg/Kg	81 - 118	12600		10900		140	1269		P
Lead	mg/Kg	81 - 112	61.4		18.5		47.0	91		P
Magnesium	mg/Kg	78 - 115	3020		2750		94.0	292		P
Manganese	mg/Kg	84 - 114	57.2		43.0		9.4	151		P
Nickel	mg/Kg	83 - 113	25.6		4.32		23.5	91		P
Potassium	mg/Kg	81 - 116	1220		728		470	105		P
Selenium	mg/Kg	78 - 111	73.4		0.90	U	94.0	78		P
Silver	mg/Kg	82 - 112	3.15		0.45	U	3.5	90		P
Sodium	mg/Kg	83 - 118	479		255		140	160	N	P
Thallium	mg/Kg	83 - 111	81.8		1.81	U	94.0	87		P
Vanadium	mg/Kg	82 - 114	29.2		15.5		14.1	97		P
Zinc	mg/Kg	82 - 113	48.1		28.2		9.4	212	N	P

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q1574

contract: GENV01 **lab code:** CHEM **case no.:** Q1574 **sas no.:** Q1574

matrix: Solid **sample id:** Q1581-01 **client id:** TR-06-031425MSD

Percent Solids for Sample: 93.3 **Spiked ID:** Q1581-01MSD **Percent Solids for Spike Sample:** 93.3

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	74 - 119	4340		3770		100	575		P
Antimony	mg/Kg	79 - 114	2.60	U	2.26	U	41.6	0	N	P
Arsenic	mg/Kg	82 - 111	41.3		5.02		41.6	87		P
Barium	mg/Kg	83 - 113	32.9		18.4		10.4	139	N	P
Beryllium	mg/Kg	83 - 113	8.73		0.37		10.4	80	N	P
Cadmium	mg/Kg	82 - 113	8.84		0.27	U	10.4	85		P
Calcium	mg/Kg	81 - 116	5900		5160		52.0	1429		P
Chromium	mg/Kg	85 - 113	44.6		18.6		20.8	125	N	P
Cobalt	mg/Kg	85 - 112	12.3		2.52		10.4	94		P
Copper	mg/Kg	81 - 117	25.5		13.1		15.6	80	N	P
Iron	mg/Kg	81 - 118	13600		10900		160	1699		P
Lead	mg/Kg	81 - 112	67.8		18.5		52.0	95		P
Magnesium	mg/Kg	78 - 115	3320		2750		100	572		P
Manganese	mg/Kg	84 - 114	62.6		43.0		10.4	189		P
Nickel	mg/Kg	83 - 113	28.3		4.32		26.0	92		P
Potassium	mg/Kg	81 - 116	1320		728		520	113		P
Selenium	mg/Kg	78 - 111	81.6		0.90	U	100	82		P
Silver	mg/Kg	82 - 112	3.42		0.45	U	3.9	88		P
Sodium	mg/Kg	83 - 118	517		255		160	163	N	P
Thallium	mg/Kg	83 - 111	90.4		1.81	U	100	90		P
Vanadium	mg/Kg	82 - 114	32.3		15.5		15.6	107		P
Zinc	mg/Kg	82 - 113	52.2		28.2		10.4	231	N	P

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metals
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MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q1574

contract: GENV01 **lab code:** CHEM **case no.:** Q1574 **sas no.:** Q1574

matrix: Solid **sample id:** Q1585-01 **client id:** OK-02-03142025MS

Percent Solids for Sample: 97.1 **Spiked ID:** Q1585-01MS **Percent Solids for Spike Sample:** 97.1

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 124	0.26		0.0070	J	0.24	106		CV

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q1574

contract: GENV01 **lab code:** CHEM **case no.:** Q1574 **sas no.:** Q1574

matrix: Solid **sample id:** Q1585-01 **client id:** OK-02-03142025MSD

Percent Solids for Sample: 97.1 **Spiked ID:** Q1585-01MSD **Percent Solids for Spike Sample:** 97.1

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 124	0.25		0.0070	J	0.25	95		CV

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Metals
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POST DIGEST SPIKE SUMMARY

Client: G Environmental **SDG No.:** Q1574

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574

Matrix: Solid **Level:** LOW **Client ID:** TR-06-031425A

Sample ID: Q1581-01 **Spiked ID:** Q1581-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	79 - 114	32.8		2.26	U	36.2	91		P
Barium	mg/Kg	83 - 113	27.2		18.4		9.00	98		P
Beryllium	mg/Kg	83 - 113	7.84		0.37		9.00	83		P
Chromium	mg/Kg	85 - 113	35.0		18.6		18.1	91		P
Copper	mg/Kg	81 - 117	24.8		13.1		13.6	86		P
Sodium	mg/Kg	83 - 118	379		255		140	88		P
Zinc	mg/Kg	82 - 113	37.0		28.2		9.00	97		P

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q1574

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574

Matrix: Solid **Sample ID:** Q1581-01 **Client ID:** TR-06-031425DUP

Percent Solids for Sample: 93.3 **Duplicate ID** Q1581-01DUP **Percent Solids for Spike Sample:** 93.3

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	3770		4050		7		P
Antimony	mg/Kg	20	2.26	U	2.41	U			P
Arsenic	mg/Kg	20	5.02		5.37		7		P
Barium	mg/Kg	20	18.4		20.8		12		P
Beryllium	mg/Kg	20	0.37		0.39		5		P
Cadmium	mg/Kg	20	0.27	U	0.29	U			P
Calcium	mg/Kg	20	5160		5520		7		P
Chromium	mg/Kg	20	18.6		20.0		7		P
Cobalt	mg/Kg	20	2.52		2.71		7		P
Copper	mg/Kg	20	13.1		13.8		5		P
Iron	mg/Kg	20	10900		11600		6		P
Lead	mg/Kg	20	18.5		19.9		7		P
Magnesium	mg/Kg	20	2750		2920		6		P
Manganese	mg/Kg	20	43.0		49.2		13		P
Nickel	mg/Kg	20	4.32		4.66		8		P
Potassium	mg/Kg	20	728		776		6		P
Selenium	mg/Kg	20	0.90	U	0.97	U			P
Silver	mg/Kg	20	0.45	U	0.48	U			P
Sodium	mg/Kg	20	255		272		6		P
Thallium	mg/Kg	20	1.81	U	1.93	U			P
Vanadium	mg/Kg	20	15.5		16.6		7		P
Zinc	mg/Kg	20	28.2		31.0		9		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: G Environmental **Level:** LOW **SDG No.:** Q1574

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574

Matrix: Solid **Sample ID:** Q1581-01MS **Client ID:** TR-06-031425MSD

Percent Solids for Sample: 93.3 **Duplicate ID** Q1581-01MSD **Percent Solids for Spike Sample:** 93.3

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	3930		4340		10		P
Antimony	mg/Kg	20	2.35	U	2.60	U			P
Arsenic	mg/Kg	20	37.3		41.3		10		P
Barium	mg/Kg	20	29.8		32.9		10		P
Beryllium	mg/Kg	20	8.04		8.73		8		P
Cadmium	mg/Kg	20	7.92		8.84		11		P
Calcium	mg/Kg	20	5340		5900		10		P
Chromium	mg/Kg	20	40.7		44.6		9		P
Cobalt	mg/Kg	20	11.2		12.3		9		P
Copper	mg/Kg	20	23.2		25.5		9		P
Iron	mg/Kg	20	12600		13600		8		P
Lead	mg/Kg	20	61.4		67.8		10		P
Magnesium	mg/Kg	20	3020		3320		9		P
Manganese	mg/Kg	20	57.2		62.6		9		P
Nickel	mg/Kg	20	25.6		28.3		10		P
Potassium	mg/Kg	20	1220		1320		8		P
Selenium	mg/Kg	20	73.4		81.6		11		P
Silver	mg/Kg	20	3.15		3.42		8		P
Sodium	mg/Kg	20	479		517		8		P
Thallium	mg/Kg	20	81.8		90.4		10		P
Vanadium	mg/Kg	20	29.2		32.3		10		P
Zinc	mg/Kg	20	48.1		52.2		8		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: G Environmental **Level:** LOW **SDG No.:** Q1574

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574

Matrix: Solid **Sample ID:** Q1585-01 **Client ID:** OK-02-03142025DUP

Percent Solids for Sample: 97.1 **Duplicate ID** Q1585-01DUP **Percent Solids for Spike Sample:** 97.1

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.0070	J	0.013	U	200.0		CV

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

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q1574

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574

Matrix: Solid **Sample ID:** Q1585-01MS **Client ID:** OK-02-03142025MSD

Percent Solids for Sample: 97.1 **Duplicate ID** Q1585-01MSD **Percent Solids for Spike Sample:** 97.1

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.26		0.25		7		CV

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

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LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental **SDG No.:** Q1574

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167145BS							
Aluminum	mg/Kg	83.3	76.7		92	74 - 119	P
Antimony	mg/Kg	33.3	32.4		97	79 - 114	P
Arsenic	mg/Kg	33.3	31.2		94	82 - 111	P
Barium	mg/Kg	8.3	7.34		88	83 - 113	P
Beryllium	mg/Kg	8.3	7.63		92	83 - 113	P
Cadmium	mg/Kg	8.3	7.68		92	82 - 113	P
Calcium	mg/Kg	41.7	37.5	J	90	81 - 116	P
Chromium	mg/Kg	16.7	16.6		99	85 - 113	P
Cobalt	mg/Kg	8.3	7.74		93	85 - 112	P
Copper	mg/Kg	12.5	12.2		98	81 - 117	P
Iron	mg/Kg	130	118		91	81 - 118	P
Lead	mg/Kg	41.7	38.5		92	81 - 112	P
Magnesium	mg/Kg	83.3	74.7	J	90	78 - 115	P
Manganese	mg/Kg	8.3	7.37		89	84 - 114	P
Nickel	mg/Kg	20.8	19.4		93	83 - 113	P
Potassium	mg/Kg	420	374		89	81 - 116	P
Selenium	mg/Kg	83.3	78.6		94	78 - 111	P
Silver	mg/Kg	3.1	3.08		99	82 - 112	P
Sodium	mg/Kg	130	119		92	83 - 118	P
Thallium	mg/Kg	83.3	80.3		96	83 - 111	P
Vanadium	mg/Kg	12.5	11.3		90	82 - 114	P
Zinc	mg/Kg	8.3	8.38		101	82 - 113	P

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LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental **SDG No.:** Q1574

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167162BS							
Mercury	mg/Kg	0.26	0.22		86	80 - 124	CV

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

TR-06-031425L

Lab Name: Chemtech Consulting Group **Contract:** GENV01

Lab Code: CHEM **Lb No.:** lb135083 **Lab Sample ID :** Q1581-01L **SDG No.:** Q1574

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

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	3770		3970		5		P
Antimony	2.26	U	11.3	U			P
Arsenic	5.02		5.24		4		P
Barium	18.4		19.8	J	8		P
Beryllium	0.37		0.43	J	17		P
Cadmium	0.27	U	1.36	U			P
Calcium	5160		5550		8		P
Chromium	18.6		19.9		7		P
Cobalt	2.52		2.52	J	0		P
Copper	13.1		14.4		10		P
Iron	10900		11300		4		P
Lead	18.5		18.6		1		P
Magnesium	2750		2950		7		P
Manganese	43.0		51.2		19		P
Nickel	4.32		4.55	J	5		P
Potassium	728		693		5		P
Selenium	0.90	U	4.52	U			P
Silver	0.45	U	2.26	U			P
Sodium	255		248	J	3		P
Thallium	1.81	U	9.04	U			P
Vanadium	15.5		16.4		6		P
Zinc	28.2		29.6		5		P

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ICP SERIAL DILUTIONS

SAMPLE NO.

OK-02-03142025L

Lab Name: Chemtech Consulting Group **Contract:** GENV01

Lab Code: CHEM **Lb No.:** lb135056 **Lab Sample ID :** Q1585-01L **SDG No.:** Q1574

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

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Mercury	0.0070	J	0.061	U	100.0		CV

METAL PREPARATION & INSTRUMENT DATA

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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q1574

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Al	Ca	Fe	Mg	Ag
Aluminum	396.100	0.0000000	-0.0002060	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	-0.0075970	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q1574

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: As	Ba	Be	Cd	Co
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0054900
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q1574

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Cr	Cu	K	Mn	Mo
Aluminum	396.100	0.0000000	0.0000000	0.0000590	0.0000000	0.0396900
Antimony	206.833	0.0122000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	-0.0000710	-0.0003400
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	-0.0007860
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0017400	-0.0100400
Vanadium	292.402	-0.0025100	0.0000000	0.0000000	0.0000000	-0.0072000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q1574

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Na	Ni	Pb	Sb	Se
Aluminum	396.100	0.0000000	0.0000000	0.0012800	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q1574

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1574 **SAS No.:** Q1574

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Sn	Ti	Tl	V	Zn
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	-0.0035600	-0.0007970	0.0000000	-0.0018900	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Cobalt	228.616	0.0000000	0.0018800	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	-0.0039700	0.0000000	-0.0115600	0.0000000
Vanadium	292.402	0.0000000	0.0005320	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

METAL PREPARATION & ANALYICAL SUMMARY

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SAMPLE PREPARATION SUMMARY

Client: G Environmental **SDG No.:** Q1574

Contract: GENV01 **Lab Code:** CHEM **Method:**

Case No.: Q1574 **SAS No.:** Q1574

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB167145**						
PB167145BL	PB167145BL	MB	SOLID	03/14/2025	2.13	100.0	100.00
PB167145BS	PB167145BS	LCS	SOLID	03/14/2025	2.40	100.0	100.00
Q1574-01	WC1	SAM	SOLID	03/14/2025	2.33	100.0	98.00
Q1581-01DUP	TR-06-031425DUP	DUP	SOLID	03/14/2025	2.22	100.0	93.30
Q1581-01MS	TR-06-031425MS	MS	SOLID	03/14/2025	2.28	100.0	93.30
Q1581-01MSD	TR-06-031425MSD	MSD	SOLID	03/14/2025	2.06	100.0	93.30

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SAMPLE PREPARATION SUMMARY

Client: G Environmental **SDG No.:** Q1574

Contract: GENV01 **Lab Code:** CHEM **Method:**

Case No.: Q1574 **SAS No.:** Q1574

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB167162**						
PB167162BL	PB167162BL	MB	SOLID	03/17/2025	0.55	35.0	100.00
PB167162BS	PB167162BS	LCS	SOLID	03/17/2025	0.53	35.0	100.00
Q1574-01	WC1	SAM	SOLID	03/17/2025	0.56	35.0	98.00
Q1585-01DUP	OK-02-03142025DUP	DUP	SOLID	03/17/2025	0.55	35.0	97.10
Q1585-01MS	OK-02-03142025MS	MS	SOLID	03/17/2025	0.59	35.0	97.10
Q1585-01MSD	OK-02-03142025MSD	MSD	SOLID	03/17/2025	0.58	35.0	97.10

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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: CHEM **Case no.:** Q1574 **Sas no.:** Q1574 **Sdg no.:** Q1574

Instrument id number: **Method:** **Run number:** LB135056

Start date: 03/17/2025 **End date:** 03/17/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1306	HG
S0.2	S0.2	1	1308	HG
S2.5	S2.5	1	1310	HG
S5	S5	1	1312	HG
S7.5	S7.5	1	1320	HG
S10	S10	1	1325	HG
ICV45	ICV45	1	1328	HG
ICB45	ICB45	1	1330	HG
CCV17	CCV17	1	1333	HG
CCB17	CCB17	1	1335	HG
CRA	CRA	1	1337	HG
PB167162BL	PB167162BL	1	1344	HG
PB167162BS	PB167162BS	1	1346	HG
CCV18	CCV18	1	1405	HG
CCB18	CCB18	1	1407	HG
Q1585-01DUP	OK-02-03142025DUP	1	1416	HG
Q1585-01MS	OK-02-03142025MS	1	1419	HG
Q1585-01MSD	OK-02-03142025MSD	1	1421	HG
Q1585-01L	OK-02-03142025L	5	1423	HG
Q1574-01	WC1	50	1437	HG
CCV19	CCV19	1	1440	HG
CCB19	CCB19	1	1442	HG

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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: CHEM **Case no.:** Q1574 **Sas no.:** Q1574 **Sdg no.:** Q1574

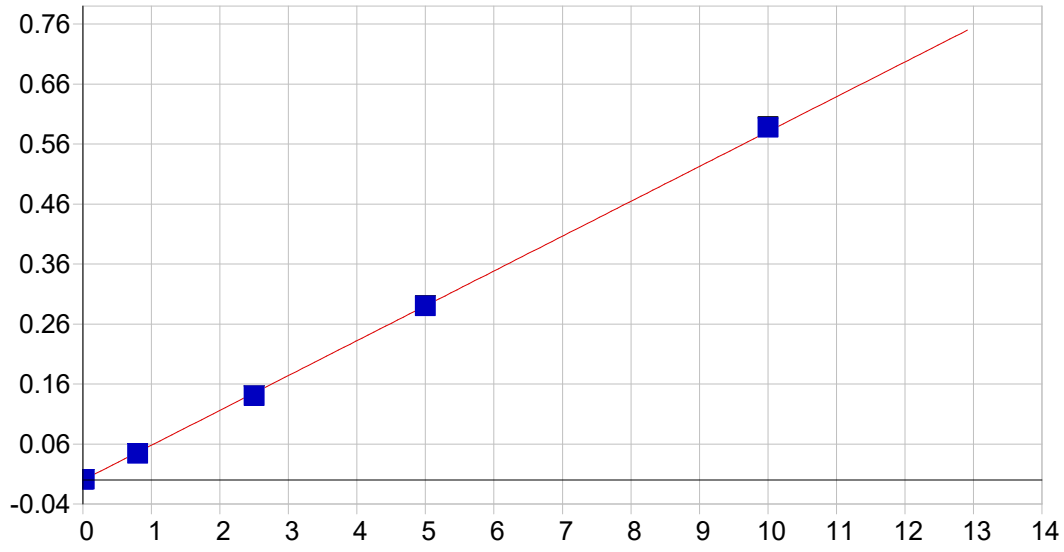
Instrument id number: **Method:** **Run number:** LB135083

Start date: 03/18/2025 **End date:** 03/18/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1011	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1015	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1020	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1024	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1028	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1032	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1036	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1041	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1045	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1049	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1054	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1104	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1109	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1113	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB167145BL	PB167145BL	1	1118	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB167145BS	PB167145BS	1	1122	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1574-01	WC1	1	1149	Al,As,Ba,Be,Ca,Cd,Co,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V
CCV02	CCV02	1	1208	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1217	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1581-01DUP	TR-06-031425DUP	1	1222	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1581-01L	TR-06-031425L	5	1226	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1581-01MS	TR-06-031425MS	1	1230	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1581-01MSD	TR-06-031425MSD	1	1234	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1581-01A	TR-06-031425A	1	1238	Ba,Be,Cr,Cu,Na,Sb,Zn
CCV03	CCV03	1	1307	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1313	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1574-01	WC1	20	1341	Ag,Cr,Cu,Fe,Zn
CCV04	CCV04	1	1407	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1420	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1449	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1453	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

METAL
RAW DATA

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083



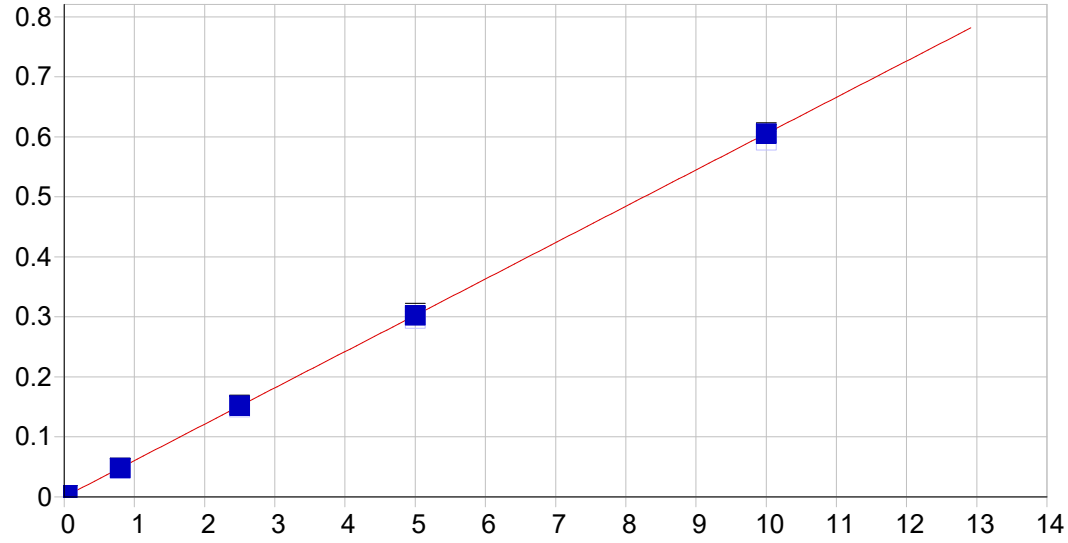
As 189.042 {479}

Date of Fit:	3/18/2025 12:17:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000131	Re-Slope:	1.000000
A1 (Gain):	0.058084	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999836	Status:	OK.
Std Error of Est:	0.000025		
Predicted MDL:	0.002613		
Predicted MQL:	0.008710		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00013	.000	1
S1	.02000	.02039	.000	1.93	.00105	.000	1
S3	2.5000	2.4207	-.079	-3.17	.14032	.000	1
S4	5.0000	4.9942	-.006	-.115	.28964	.001	1
S5	10.000	10.124	.124	1.24	.58727	.001	1
S2	.80000	.76076	-.039	-4.90	.04401	.000	1

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083



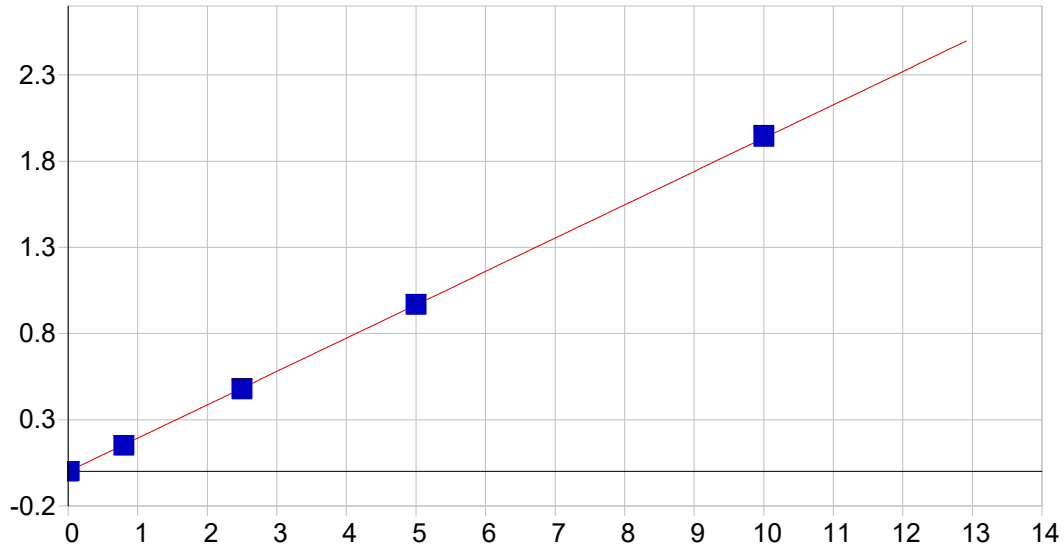
Tl 190.856 {477}

Date of Fit:	3/18/2025 12:17:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000057	Re-Slope:	1.000000
A1 (Gain):	0.060511	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999993	Status:	OK.
Std Error of Est:	0.000007		
Predicted MDL:	0.001885		
Predicted MQL:	0.006282		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00006	.000	1
S1	.04000	.03949	-.001	-1.28	.00229	.000	1
S3	2.5000	2.5139	.014	.556	.14939	.001	1
S4	5.0000	4.9959	-.004	-.082	.29679	.003	1
S5	10.000	10.002	.002	.021	.59415	.002	1
S2	.80000	.78855	-.011	-1.43	.04688	.000	1

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083



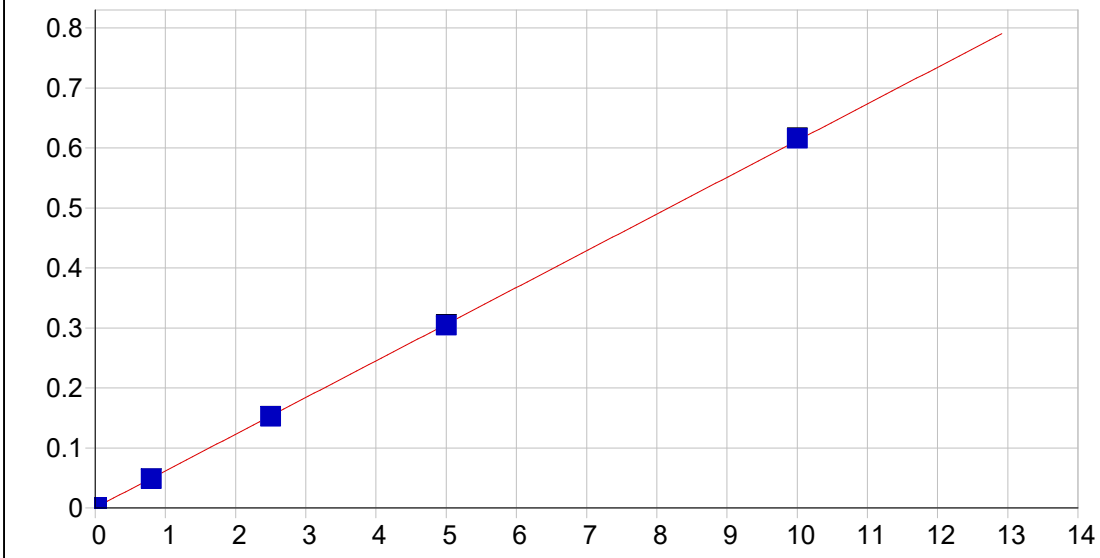
Pb 220.353 {453}

Date of Fit:	3/18/2025 12:17:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000173	Re-Slope:	1.000000
A1 (Gain):	0.193389	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999967	Status:	OK.
Std Error of Est:	0.000029		
Predicted MDL:	0.001479		
Predicted MQL:	0.004931		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00017	.000	1
S1	.01200	.01164	-.000	-3.04	.00203	.000	1
S3	2.5000	2.4686	-.031	-1.26	.47670	.002	1
S4	5.0000	5.0080	.008	.161	.96726	.001	1
S5	10.000	10.045	.045	.453	1.9404	.007	1
S2	.80000	.77837	-.022	-2.70	.15019	.000	1

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083



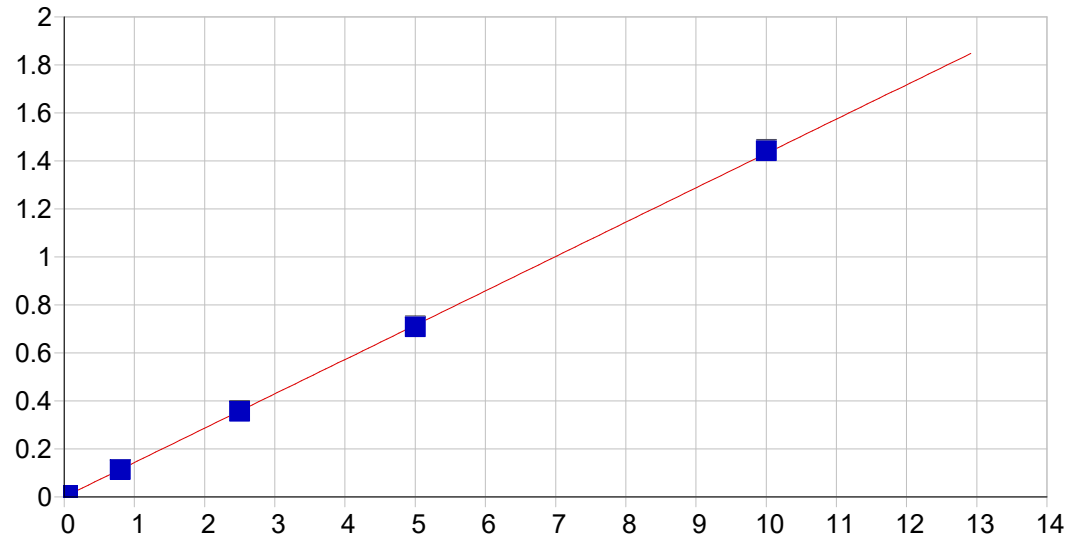
Se 196.090 {472}

Date of Fit:	3/18/2025 12:17:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000398	Re-Slope:	1.000000
A1 (Gain):	0.061172	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999947	Status:	OK.
Std Error of Est:	0.000015		
Predicted MDL:	0.003045		
Predicted MQL:	0.010151		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00040	.000	1
S1	.02000	.01565	-.004	-21.7	.00136	.000	1
S3	2.5000	2.4885	-.012	-.462	.15257	.000	1
S4	5.0000	4.9689	-.031	-.622	.30425	.001	1
S5	10.000	10.063	.063	.635	.61579	.001	1
S2	.80000	.78353	-.016	-2.06	.04831	.000	1

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083



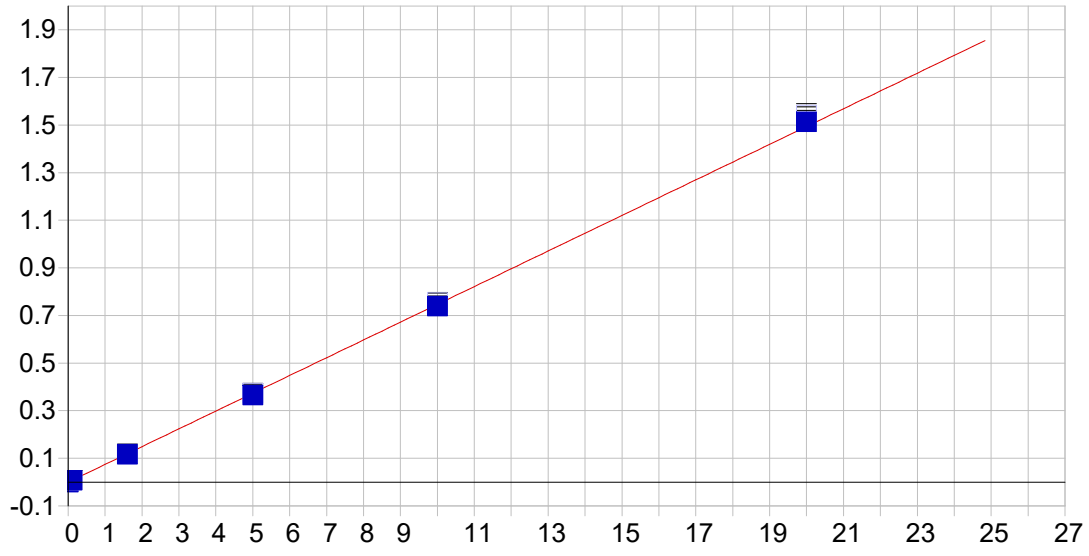
Sb 206.833 {463}

Date of Fit:	3/18/2025 12:17:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000135	Re-Slope:	1.000000
A1 (Gain):	0.143071	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999956	Status:	OK.
Std Error of Est:	0.000050		
Predicted MDL:	0.001966		
Predicted MQL:	0.006552		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00014	.000	1
S1	.05000	.05271	.003	5.42	.00769	.000	1
S3	2.5000	2.4892	-.011	-.432	.35724	.001	1
S4	5.0000	4.9442	-.056	-1.12	.70945	.003	1
S5	10.000	10.077	.077	.766	1.4457	.002	1
S2	.80000	.78730	-.013	-1.59	.11309	.000	1

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083



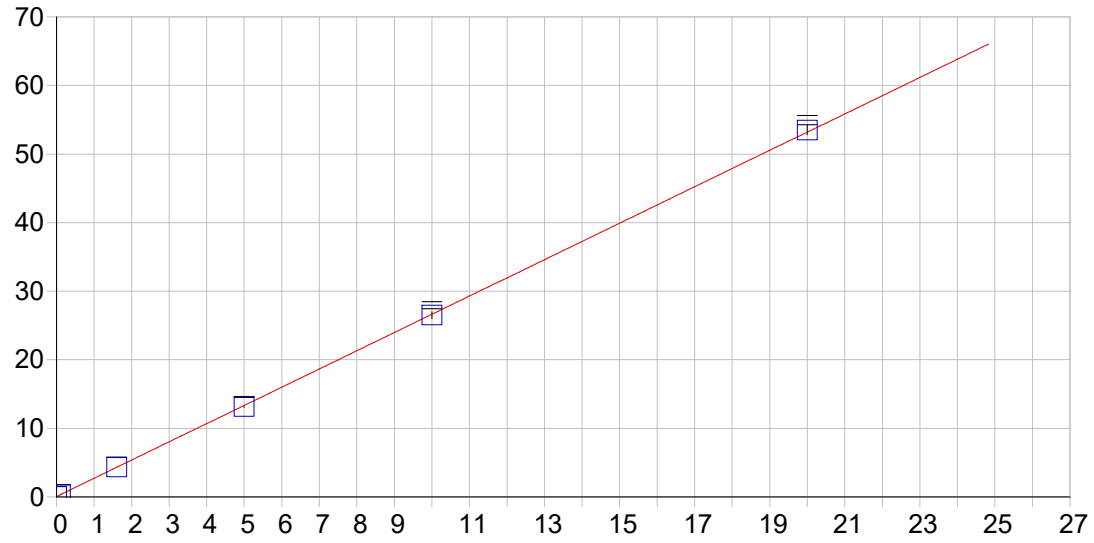
Al 396.152 { 85}

Date of Fit:	3/18/2025 12:17:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000305	Re-Slope:	1.000000
A1 (Gain):	0.074709	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999897	Status:	OK.
Std Error of Est:	0.000081		
Predicted MDL:	0.007228		
Predicted MQL:	0.024092		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00031	.000	1
S1	.10000	.10223	.002	2.23	.00791	.000	1
S3	5.0000	4.8965	-.104	-2.07	.37275	.001	1
S4	10.000	9.8917	-.108	-1.08	.75319	.001	1
S5	20.000	20.255	.255	1.27	1.5419	.007	1
S2	1.6000	1.5546	-.045	-2.83	.11816	.000	1

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083



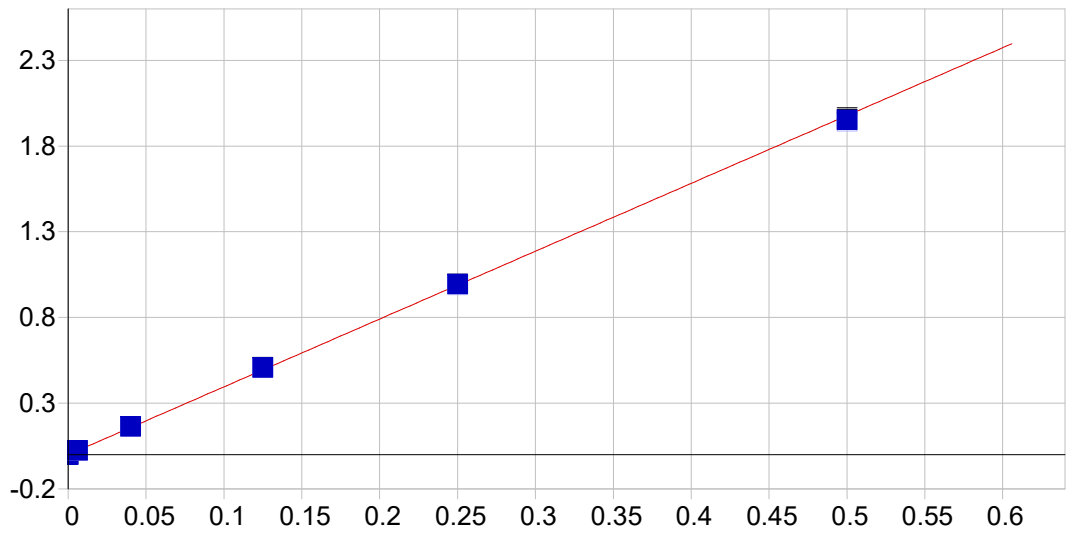
Ba 493.409 { 68}

Date of Fit:	3/18/2025 12:17:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.058577	Re-Slope:	1.000000
A1 (Gain):	2.657043	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999972	Status:	OK.
Std Error of Est:	0.001486		
Predicted MDL:	0.000784		
Predicted MQL:	0.002614		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.05857	.002	1
S1	.10000	.10412	.004	4.12	.33523	.003	1
S3	5.0000	4.9245	-.075	-1.51	13.143	.067	1
S4	10.000	9.9582	-.042	-.418	26.518	.516	1
S5	20.000	20.109	.109	.544	53.489	.672	1
S2	1.6000	1.6044	.004	.272	4.3214	.032	1

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083



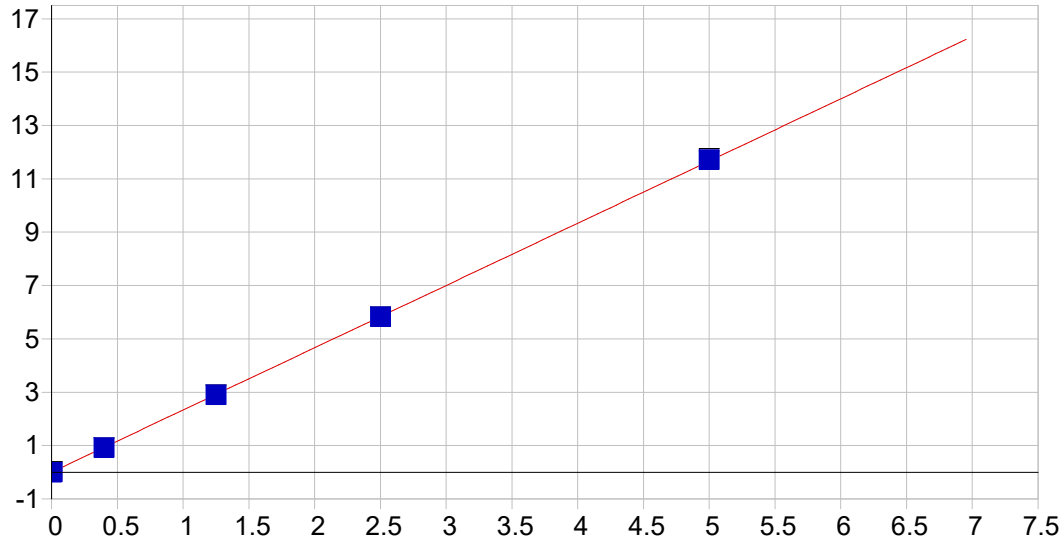
Be 234.861 {144}

Date of Fit:	3/18/2025 12:17:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000343	Re-Slope:	1.000000
A1 (Gain):	3.956449	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999859	Status:	OK.
Std Error of Est:	0.000190		
Predicted MDL:	0.000055		
Predicted MQL:	0.000185		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00035	.000	1
S1	.00600	.00629	.000	4.77	.02435	.000	1
S3	.12500	.12840	.003	2.72	.50546	.003	1
S4	.25000	.25131	.001	.522	.98951	.002	1
S5	.50000	.49348	-.007	-1.30	1.9432	.013	1
S2	.04000	.04153	.002	3.82	.16325	.001	1

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083



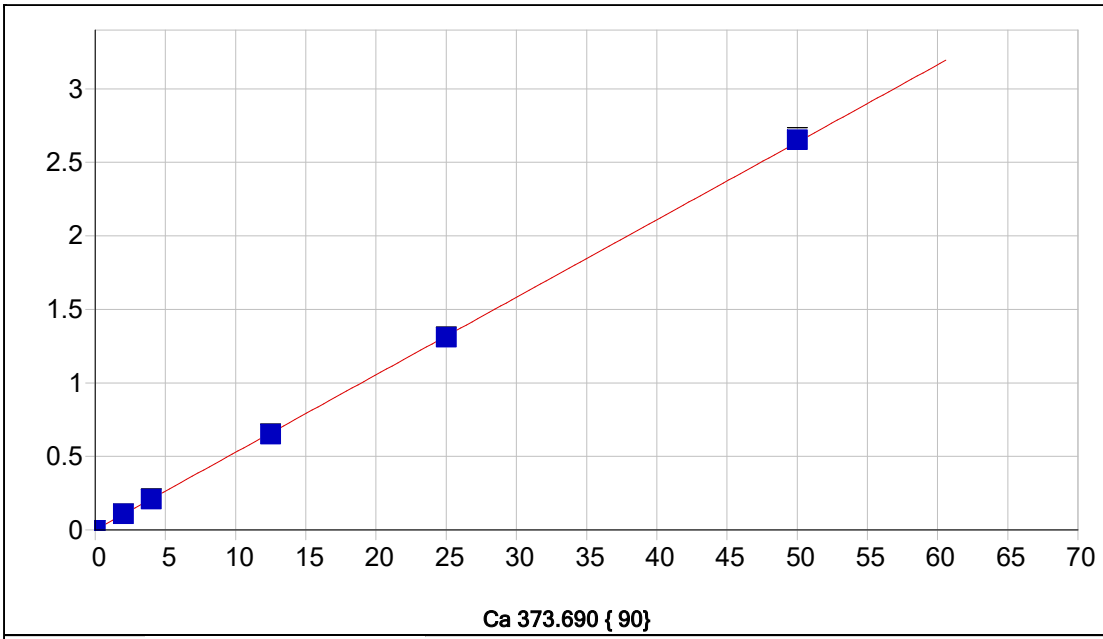
Cd 226.502 {449}

Date of Fit:	3/18/2025 12:17:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000104	Re-Slope:	1.000000
A1 (Gain):	2.333709	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999987	Status:	OK.
Std Error of Est:	0.000110		
Predicted MDL:	0.000084		
Predicted MQL:	0.000281		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00010	.000	1
S1	.00600	.00589	-.000	-1.83	.01371	.000	1
S3	1.2500	1.2428	-.007	-.579	2.9027	.010	1
S4	2.5000	2.4956	-.004	-.177	5.8290	.012	1
S5	5.0000	5.0188	.019	.376	11.723	.040	1
S2	.40000	.39297	-.007	-1.76	.91779	.001	1

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083



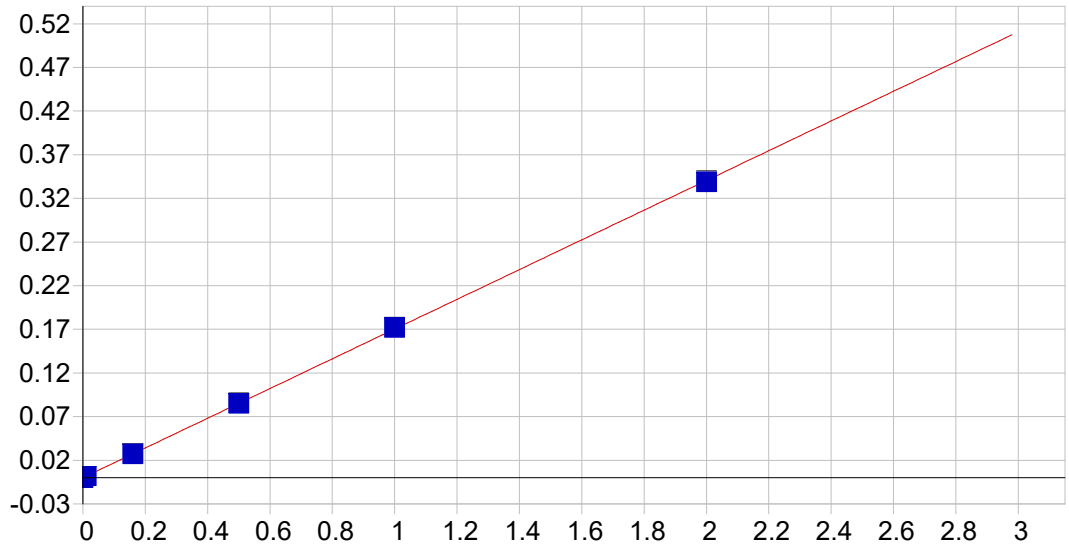
Ca 373.690 { 90}

Date of Fit:	3/18/2025 12:17:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000687	Re-Slope:	1.000000
A1 (Gain):	0.052715	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999965	Status:	OK.
Std Error of Est:	0.000232		
Predicted MDL:	0.009495		
Predicted MQL:	0.031650		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00069	.000	1
S2	4.0000	3.9614	-.039	-.965	.20951	.001	1
S3	12.500	12.331	-.169	-1.35	.65071	.002	1
S4	25.000	24.845	-.155	-.619	1.3104	.003	1
S5	50.000	50.323	.323	.647	2.6535	.016	1
S1	2.0000	2.0389	.039	1.94	.10817	.001	1

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083



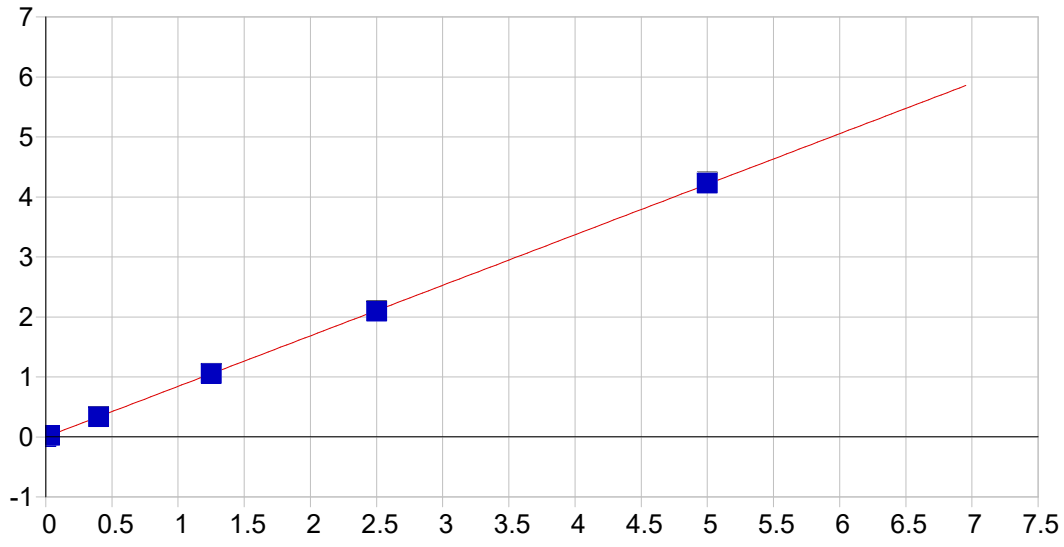
Cr 267.716 {126}

Date of Fit:	3/18/2025 12:17:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000025	Re-Slope:	1.000000
A1 (Gain):	0.170260	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999978	Status:	OK.
Std Error of Est:	0.000008		
Predicted MDL:	0.000394		
Predicted MQL:	0.001315		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00003	.000	1
S1	.01000	.01055	.001	5.55	.00182	.000	1
S3	.50000	.49950	-.001	-.100	.08510	.001	1
S4	1.0000	1.0094	.009	.942	.17194	.000	1
S5	2.0000	1.9906	-.009	-.471	.33904	.001	1
S2	.16000	.15995	-.000	-.032	.02727	.000	1

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083



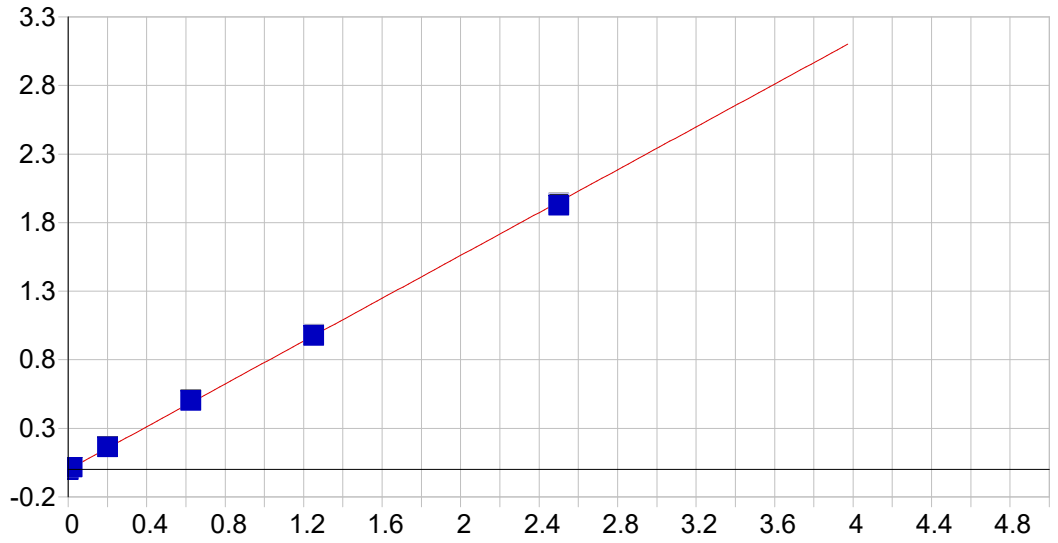
Co 228.616 {448}

Date of Fit:	3/18/2025 12:17:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000057	Re-Slope:	1.000000
A1 (Gain):	0.842263	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999989	Status:	OK.
Std Error of Est:	0.000081		
Predicted MDL:	0.000248		
Predicted MQL:	0.000826		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00006	.000	1
S1	.03000	.02991	-.000	-.308	.02503	.000	1
S3	1.2500	1.2493	-.001	-.059	1.0539	.004	1
S4	2.5000	2.4827	-.017	-.693	2.0946	.005	1
S5	5.0000	5.0199	.020	.398	4.2352	.013	1
S2	.40000	.39827	-.002	-.432	.33596	.001	1

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083



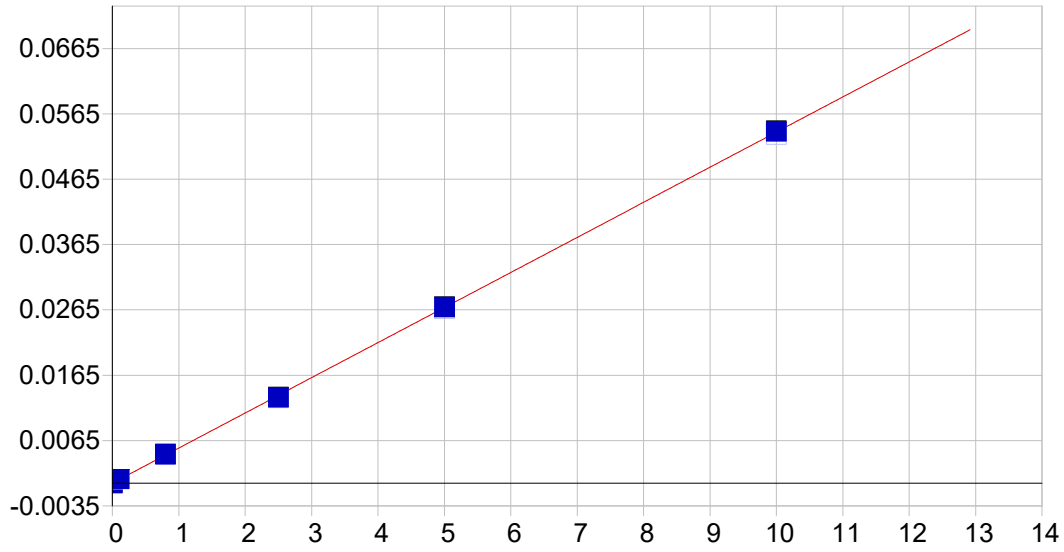
Cu 224.700 {450}

Date of Fit:	3/18/2025 12:17:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000753	Re-Slope:	1.000000
A1 (Gain):	0.780745	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999785	Status:	OK.
Std Error of Est:	0.000191		
Predicted MDL:	0.000427		
Predicted MQL:	0.001424		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00076	.000	1
S1	.02000	.02281	.003	14.1	.01721	.000	1
S3	.62500	.64425	.019	3.08	.50570	.001	1
S4	1.2500	1.2501	.000	.008	.98218	.004	1
S5	2.5000	2.4671	-.033	-1.32	1.9392	.003	1
S2	.20000	.21078	.011	5.39	.16492	.000	1

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083



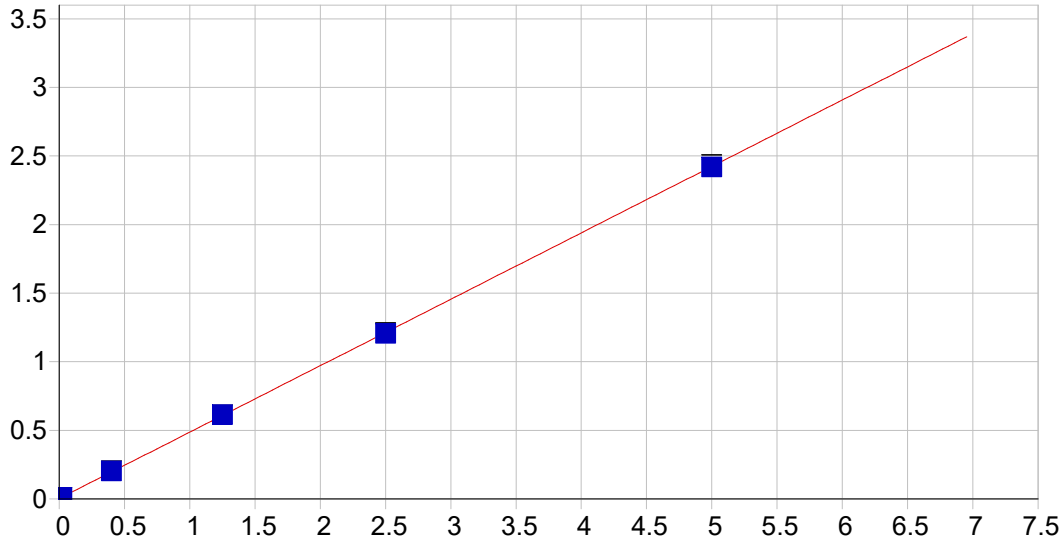
Fe 240.488 {140}

Date of Fit:	3/18/2025 12:17:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000007	Re-Slope:	1.000000
A1 (Gain):	0.005372	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999908	Status:	OK.
Std Error of Est:	0.000004		
Predicted MDL:	0.004383		
Predicted MQL:	0.014609		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00001	.000	1
S1	.10000	.11226	.012	12.3	.00059	.000	1
S3	2.5000	2.4418	-.058	-2.33	.01300	.000	1
S4	5.0000	5.0129	.013	.258	.02669	.000	1
S5	10.000	10.015	.015	.151	.05333	.000	1
S2	.80000	.81802	.018	2.25	.00435	.000	1

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083



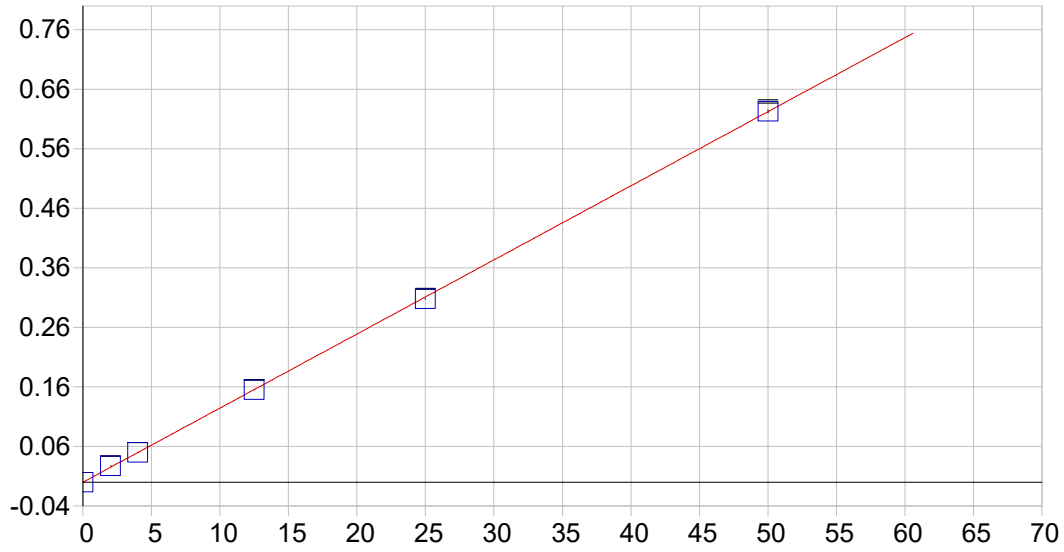
Mn 257.610 {131}

Date of Fit:	3/18/2025 12:17:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002660	Re-Slope:	1.000000
A1 (Gain):	0.484253	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999957	Status:	OK.
Std Error of Est:	0.000074		
Predicted MDL:	0.000380		
Predicted MQL:	0.001267		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00266	.000	1
S1	.02000	.02131	.001	6.57	.01299	.000	1
S3	1.2500	1.2606	.011	.849	.61324	.002	1
S4	2.5000	2.4852	-.015	-.594	1.2063	.004	1
S5	5.0000	4.9888	-.011	-.224	2.4190	.017	1
S2	.40000	.41409	.014	3.52	.20322	.001	1

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083



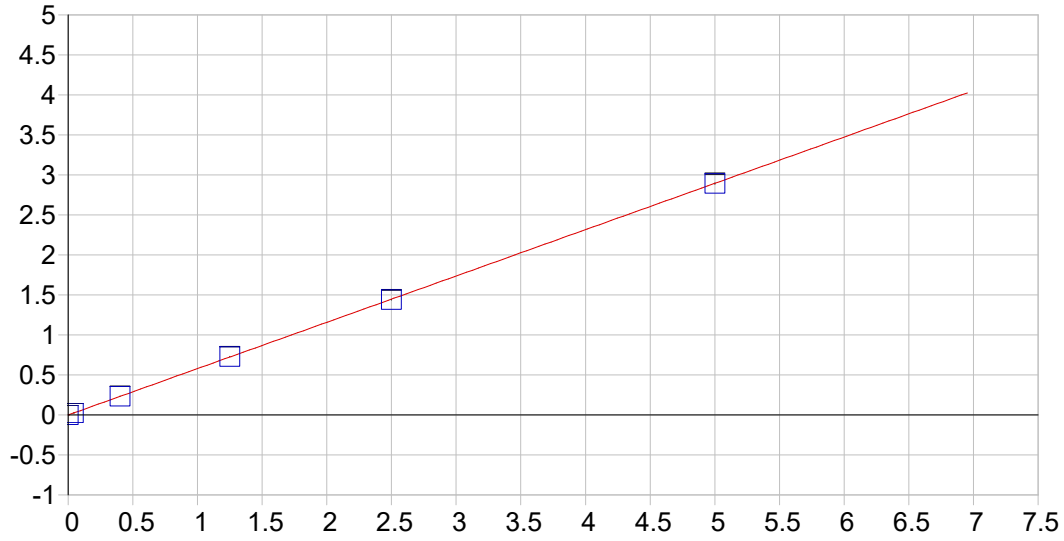
Mg 279.079 {121}

Date of Fit:	3/18/2025 12:17:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000191	Re-Slope:	1.000000
A1 (Gain):	0.012454	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999884	Status:	OK.
Std Error of Est:	0.000100		
Predicted MDL:	0.015969		
Predicted MQL:	0.053229		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00019	-.000	.000	-.00019	.000	1
S2	4.0000	4.0192	.019	.480	.04986	.000	1
S3	12.500	12.489	-.011	-.092	.15534	.001	1
S4	25.000	24.759	-.241	-.962	.30816	.001	1
S5	50.000	50.037	.037	.073	.62297	.003	1
S1	2.0000	2.1961	.196	9.81	.02716	.000	1

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083



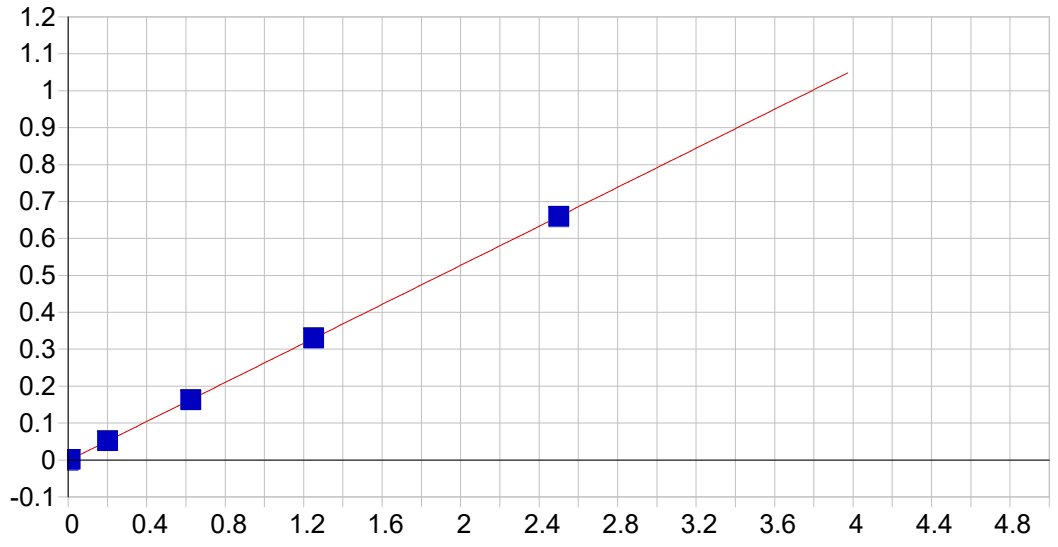
Ni 231.604 {446}

Date of Fit:	3/18/2025 12:17:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000299	Re-Slope:	1.000000
A1 (Gain):	0.578952	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999990	Status:	OK.
Std Error of Est:	0.000062		
Predicted MDL:	0.000338		
Predicted MQL:	0.001126		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00030	.000	1
S1	.04000	.04055	.001	1.38	.02318	.000	1
S3	1.2500	1.2600	.010	.800	.72918	.003	1
S4	2.5000	2.4887	-.011	-.453	1.4405	.004	1
S5	5.0000	4.9963	-.004	-.073	2.8923	.009	1
S2	.40000	.40443	.004	1.11	.23385	.001	1

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083



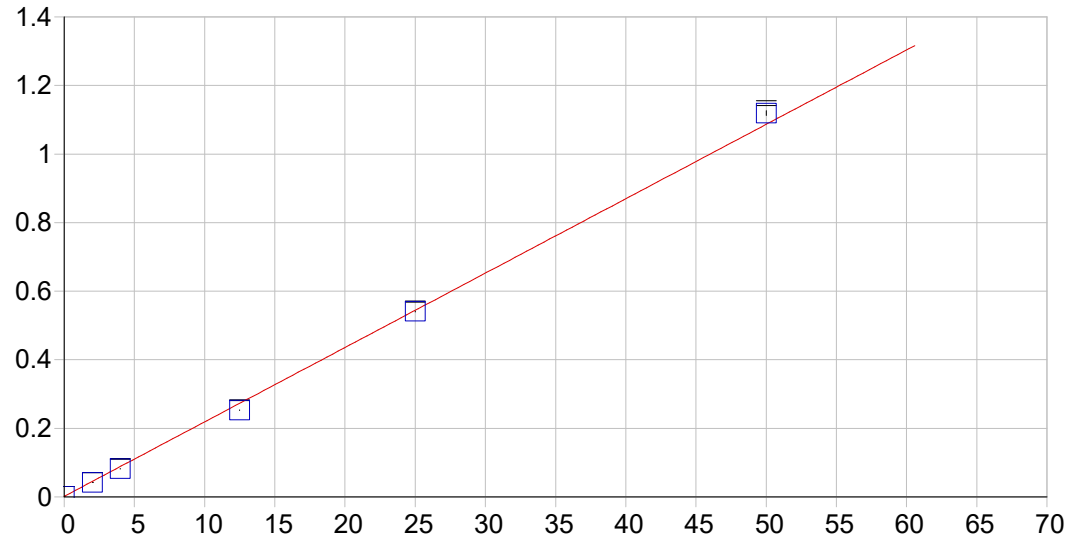
Ag 328.068 {103}

Date of Fit:	3/18/2025 12:17:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001464	Re-Slope:	1.000000
A1 (Gain):	0.264291	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999992	Status:	OK.
Std Error of Est:	0.000009		
Predicted MDL:	0.000368		
Predicted MQL:	0.001227		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00146	.000	1
S1	.01000	.00991	-.000	-.946	.00114	.000	1
S3	.62500	.62018	-.005	-.771	.16179	.000	1
S4	1.2500	1.2536	.004	.289	.32854	.001	1
S5	2.5000	2.4990	-.001	-.041	.65637	.001	1
S2	.20000	.20232	.002	1.16	.05180	.000	1

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083



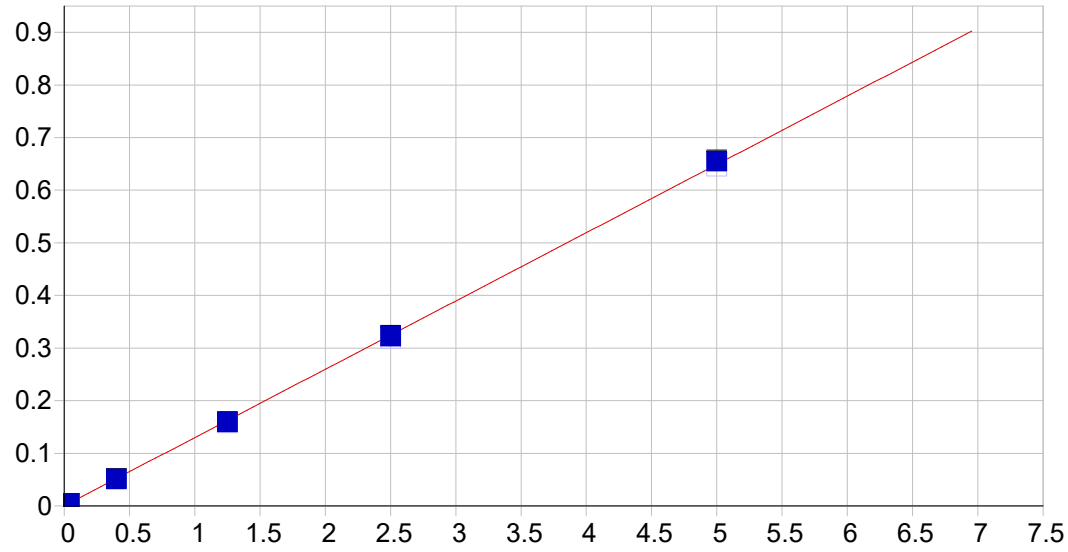
Na 589.592 { 57}

Date of Fit:	3/18/2025 12:17:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001900	Re-Slope:	1.000000
A1 (Gain):	0.021694	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999212	Status:	OK.
Std Error of Est:	0.000456		
Predicted MDL:	0.009745		
Predicted MQL:	0.032484		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00039	.000	.000	.00191	.000	1
S2	4.0000	3.7086	-.291	-7.29	.08236	.001	1
S3	12.500	11.568	-.932	-7.45	.25287	.001	1
S4	25.000	24.856	-.144	-.575	.54114	.001	1
S5	50.000	51.510	1.51	3.02	1.1194	.007	1
S1	2.0000	1.8570	-.143	-7.15	.04219	.000	1

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083



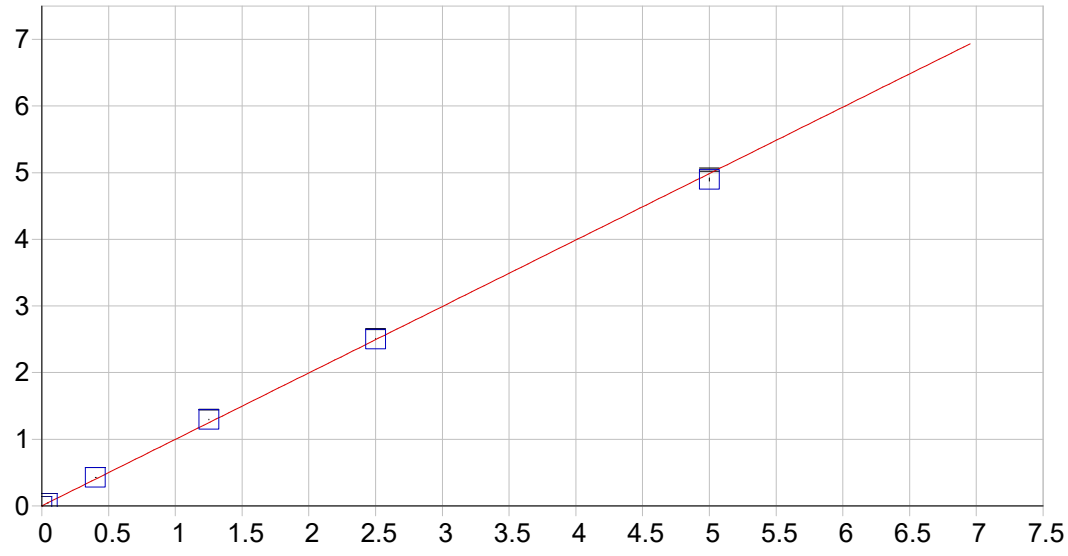
V 292.402 {115}

Date of Fit:	3/18/2025 12:17:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000108	Re-Slope:	1.000000
A1 (Gain):	0.129777	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999945	Status:	OK.
Std Error of Est:	0.000032		
Predicted MDL:	0.001713		
Predicted MQL:	0.005710		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00011	.000	1
S1	.04000	.03900	-.001	-2.51	.00497	.000	1
S3	1.2500	1.2290	-.021	-1.68	.15724	.000	1
S4	2.5000	2.4833	-.017	-.669	.31765	.002	1
S5	5.0000	5.0449	.045	.897	.64535	.003	1
S2	.40000	.39383	-.006	-1.54	.05046	.000	1

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083



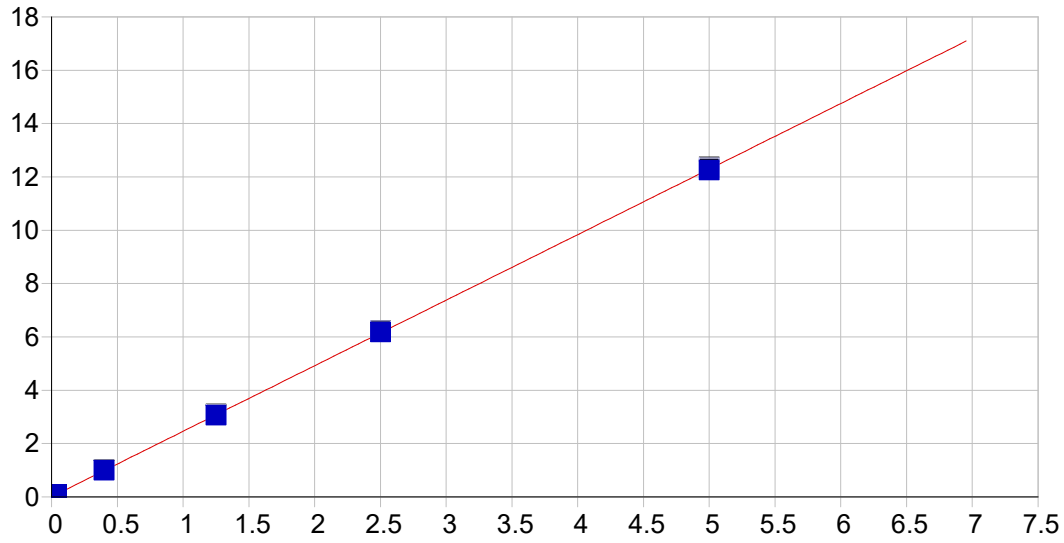
Zn 206.200 {464}

Date of Fit:	3/18/2025 12:17:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001213	Re-Slope:	1.000000
A1 (Gain):	0.997085	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999682	Status:	OK.
Std Error of Est:	0.000591		
Predicted MDL:	0.000202		
Predicted MQL:	0.000672		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00121	.000	1
S1	.04000	.04407	.004	10.2	.04515	.000	1
S3	1.2500	1.3001	.050	4.00	1.2975	.004	1
S4	2.5000	2.5096	.010	.384	2.5035	.007	1
S5	5.0000	4.9097	-.090	-1.81	4.8966	.023	1
S2	.40000	.42657	.027	6.64	.42654	.001	1

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083



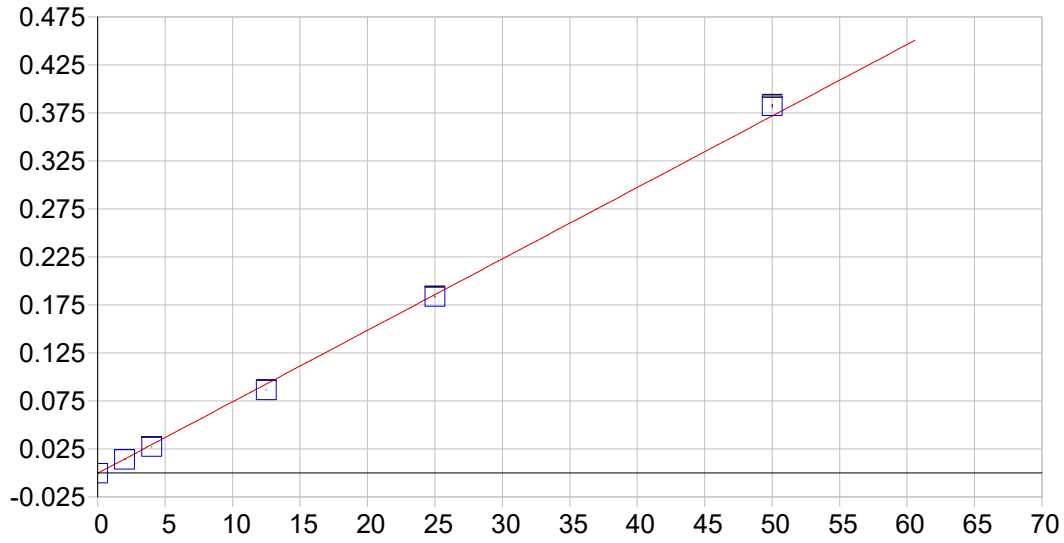
Zn 213.856 {158}

Date of Fit:	3/18/2025 12:17:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003894	Re-Slope:	1.000000
A1 (Gain):	2.457931	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999981	Status:	OK.
Std Error of Est:	0.000360		
Predicted MDL:	0.000304		
Predicted MQL:	0.001014		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00389	.000	1
S1	.04000	.04266	.003	6.64	.10943	.001	1
S3	1.2500	1.2456	-.004	-.350	3.0869	.018	1
S4	2.5000	2.5130	.013	.521	6.2234	.009	1
S5	5.0000	4.9843	-.016	-.314	12.340	.035	1
S2	.40000	.40438	.004	1.10	1.0047	.007	1

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083



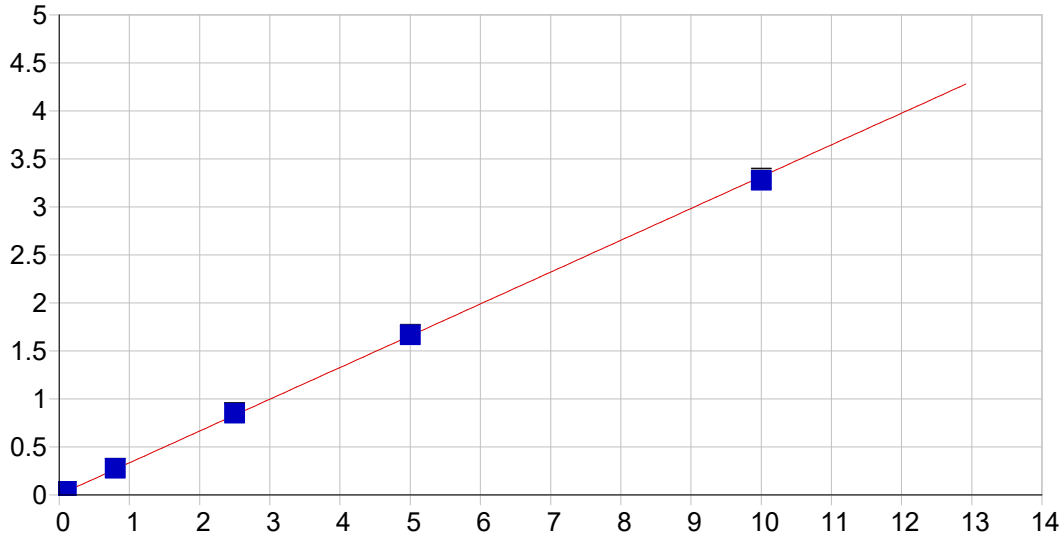
K 766.490 { 44}

Date of Fit:	3/18/2025 12:17:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000409	Re-Slope:	1.000000
A1 (Gain):	0.007444	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999346	Status:	OK.
Std Error of Est:	0.000142		
Predicted MDL:	0.028947		
Predicted MQL:	0.096490		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00031	.000	.000	-.00041	.000	1
S2	4.0000	3.7215	-.278	-6.96	.02729	.000	1
S3	12.500	11.662	-.838	-6.71	.08640	.000	1
S4	25.000	24.750	-.250	-1.00	.18382	.000	1
S5	50.000	51.441	1.44	2.88	.38250	.002	1
S1	2.0000	1.9264	-.074	-3.68	.01393	.000	1

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083



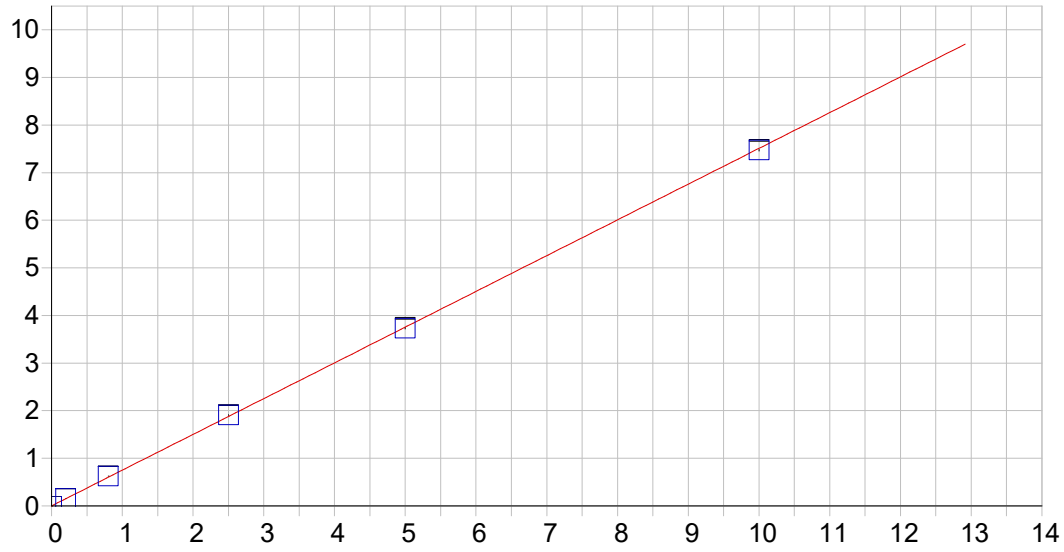
B 249.678 {135}

Date of Fit:	3/18/2025 12:17:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002622	Re-Slope:	1.000000
A1 (Gain):	0.331178	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999889	Status:	OK.
Std Error of Est:	0.000258		
Predicted MDL:	0.000796		
Predicted MQL:	0.002654		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00262	.000	1
S1	.10000	.10812	.008	8.12	.03830	.000	1
S3	2.5000	2.5582	.058	2.33	.84858	.007	1
S4	5.0000	5.0230	.023	.459	1.6636	.007	1
S5	10.000	9.8875	-.113	-1.13	3.2721	.022	1
S2	.80000	.82328	.023	2.91	.27487	.000	1

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083



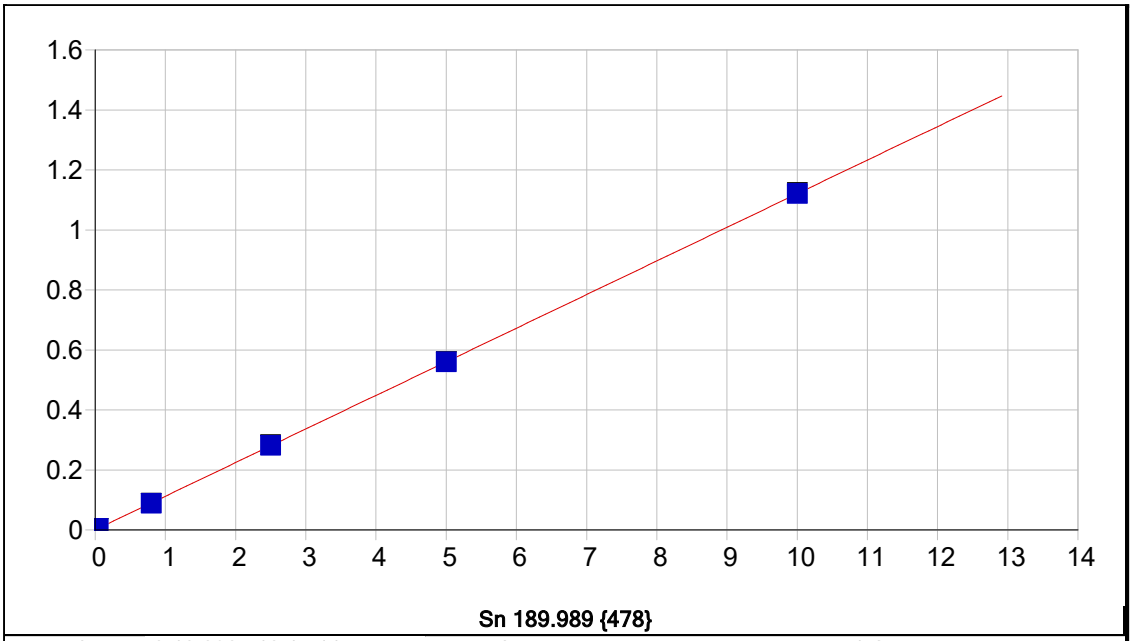
Mo 202.030 {467}

Date of Fit:	3/18/2025 12:17:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000220	Re-Slope:	1.000000
A1 (Gain):	0.751006	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999933	Status:	OK.
Std Error of Est:	0.000648		
Predicted MDL:	0.000278		
Predicted MQL:	0.000928		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00021	.000	1
S1	.20000	.20689	.007	3.45	.15560	.000	1
S3	2.5000	2.5436	.044	1.74	1.9105	.006	1
S4	5.0000	4.9715	-.029	-.571	3.7338	.015	1
S5	10.000	9.9489	-.051	-.511	7.4719	.015	1
S2	.80000	.82915	.029	3.64	.62292	.001	1

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083



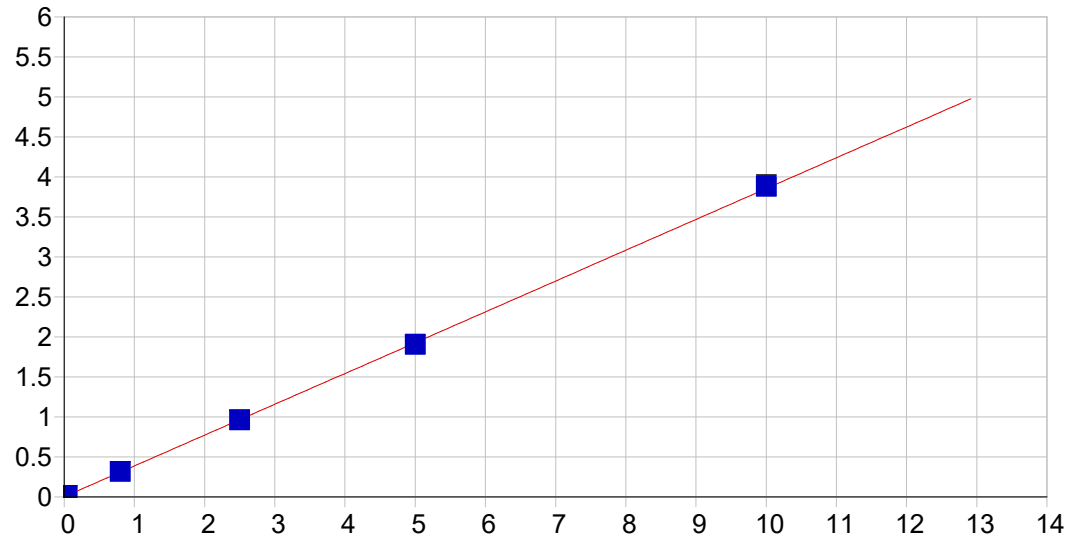
Sn 189.989 {478}

Date of Fit:	3/18/2025 12:17:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000268	Re-Slope:	1.000000
A1 (Gain):	0.112026	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999991	Status:	OK.
Std Error of Est:	0.000016		
Predicted MDL:	0.000791		
Predicted MQL:	0.002636		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00027	.000	1
S1	.04000	.03875	-.001	-3.14	.00460	.000	1
S3	2.5000	2.5157	.016	.630	.28181	.001	1
S4	5.0000	4.9946	-.005	-.107	.55922	.001	1
S5	10.000	10.003	.003	.033	1.1198	.004	1
S2	.80000	.78758	-.012	-1.55	.08841	.000	1

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083



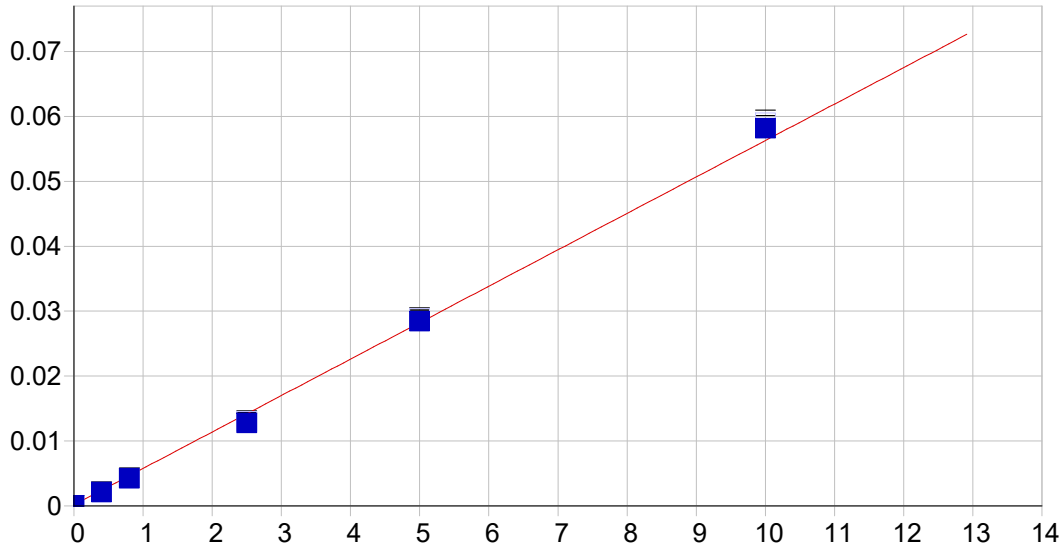
Ti 336.121 {100}

Date of Fit:	3/18/2025 12:17:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001886	Re-Slope:	1.000000
A1 (Gain):	0.385162	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999962	Status:	OK.
Std Error of Est:	0.000112		
Predicted MDL:	0.000811		
Predicted MQL:	0.002704		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00189	.000	1
S1	.04000	.04099	.001	2.47	.01766	.000	1
S3	2.5000	2.4870	-.013	-.522	.95942	.004	1
S4	5.0000	4.9380	-.062	-1.24	1.9031	.005	1
S5	10.000	10.064	.064	.637	3.8766	.024	1
S2	.80000	.81036	.010	1.29	.31389	.001	1

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083



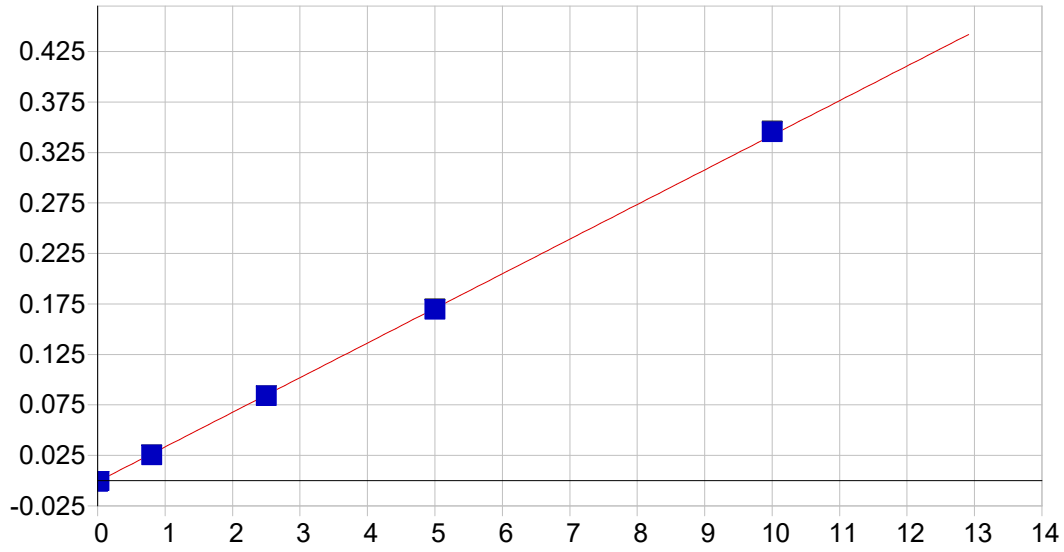
Si 288.158 {117}

Date of Fit:	3/18/2025 12:17:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000163	Re-Slope:	1.000000
A1 (Gain):	0.005613	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998677	Status:	OK.
Std Error of Est:	0.000031		
Predicted MDL:	0.007499		
Predicted MQL:	0.024995		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00011	.000	.000	.00016	.000	1
S1	.40000	.34600	-.054	-13.5	.00211	.000	1
S3	2.5000	2.2497	-.250	-10.0	.01300	.000	1
S4	5.0000	5.0407	.041	.814	.02888	.000	1
S5	10.000	10.337	.337	3.37	.05903	.000	1
S2	.80000	.72546	-.075	-9.32	.00430	.000	1

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083



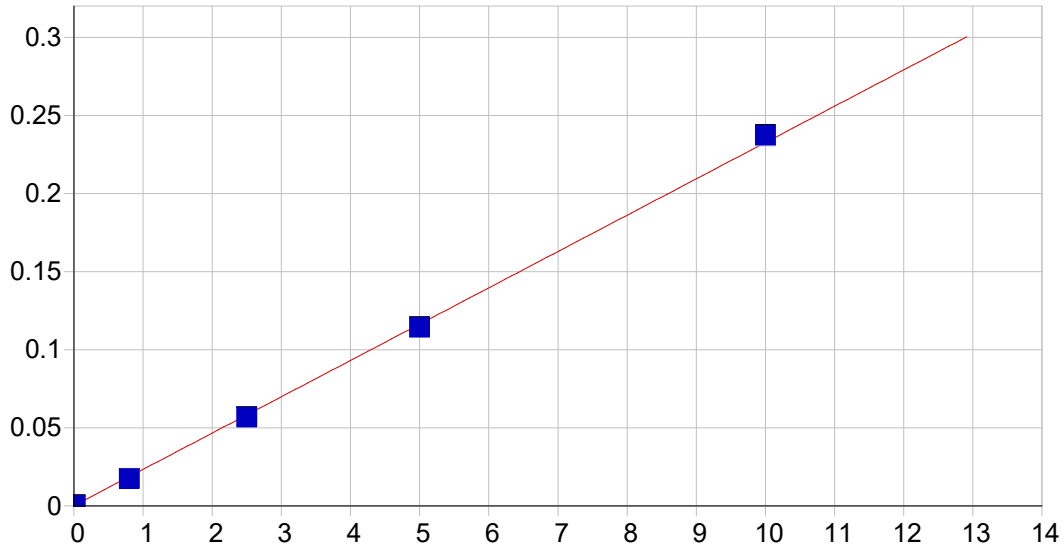
P 177.495 {490}

Date of Fit:	3/18/2025 12:17:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000889	Re-Slope:	1.000000
A1 (Gain):	0.034293	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999907	Status:	OK.
Std Error of Est:	0.000011		
Predicted MDL:	0.002699		
Predicted MQL:	0.008997		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00089	.000	1
S1	.02000	.01783	-.002	-10.8	-.00028	.000	1
S3	2.5000	2.4731	-.027	-1.08	.08391	.000	1
S4	5.0000	4.9712	-.029	-.577	.16956	.000	1
S5	10.000	10.096	.096	.957	.34527	.001	1
S2	.80000	.76224	-.038	-4.72	.02525	.000	1

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083



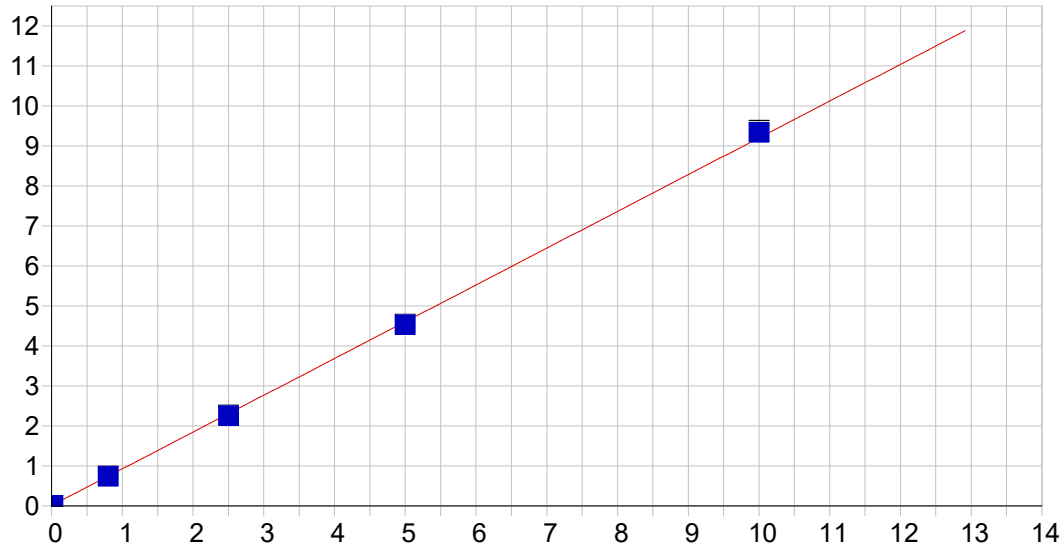
S 182.034 {485}

Date of Fit:	3/18/2025 12:17:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000135	Re-Slope:	1.000000
A1 (Gain):	0.023249	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999707	Status:	OK.
Std Error of Est:	0.000013		
Predicted MDL:	0.003571		
Predicted MQL:	0.011904		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00013	.000	1
S1	.02000	.02243	.002	12.2	.00064	.000	1
S3	2.5000	2.4392	-.061	-2.43	.05669	.000	1
S4	5.0000	4.9147	-.085	-1.71	.11409	.000	1
S5	10.000	10.197	.197	1.97	.23660	.001	1
S2	.80000	.74657	-.053	-6.68	.01744	.000	1

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083



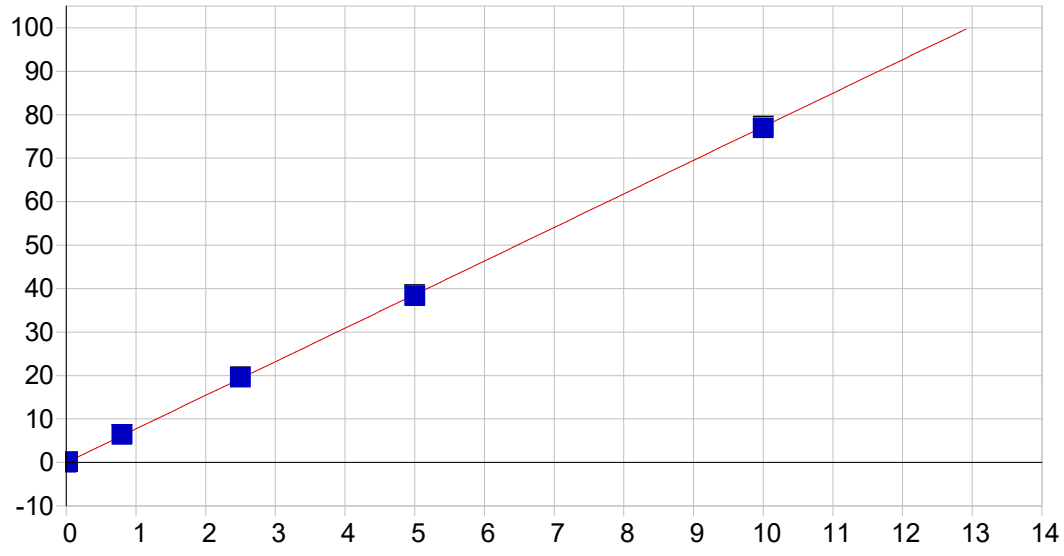
Li 670.784 { 50}

Date of Fit:	3/18/2025 12:17:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.008110	Re-Slope:	1.000000
A1 (Gain):	0.919569	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999870	Status:	OK.
Std Error of Est:	0.000348		
Predicted MDL:	0.001125		
Predicted MQL:	0.003751		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00811	.001	1
S5	10.000	10.145	.145	1.45	9.3415	.052	1
S4	5.0000	4.9131	-.087	-1.74	4.5283	.014	1
S3	2.5000	2.4464	-.054	-2.14	2.2589	.011	1
S1	.02000	.02003	.000	.127	.02682	.001	1
S2	.80000	.79580	-.004	-.525	.74027	.004	1

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083



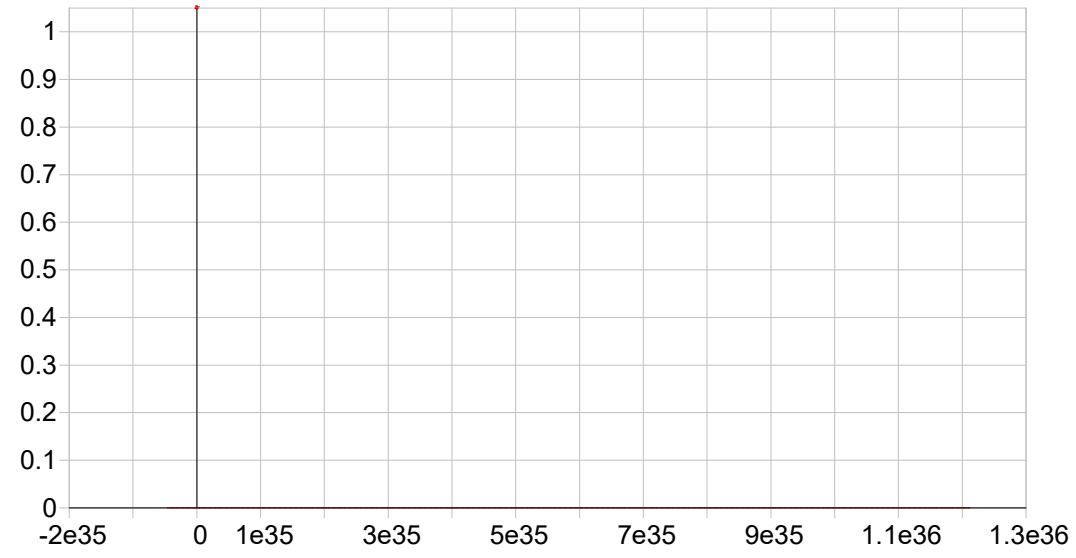
Sr 407.771 { 83}

Date of Fit:	3/18/2025 12:17:11	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000166	Re-Slope:	1.000000
A1 (Gain):	7.722452	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999948	Status:	OK.
Std Error of Est:	0.001847		
Predicted MDL:	0.000082		
Predicted MQL:	0.000273		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00015	.000	1
S1	.02000	.02086	.001	4.28	.16190	.002	1
S3	2.5000	2.5350	.035	1.40	19.593	.078	1
S4	5.0000	4.9663	-.034	-.675	38.386	.169	1
S5	10.000	9.9688	-.031	-.312	77.052	.366	1
S2	.80000	.82911	.029	3.64	6.4083	.034	1

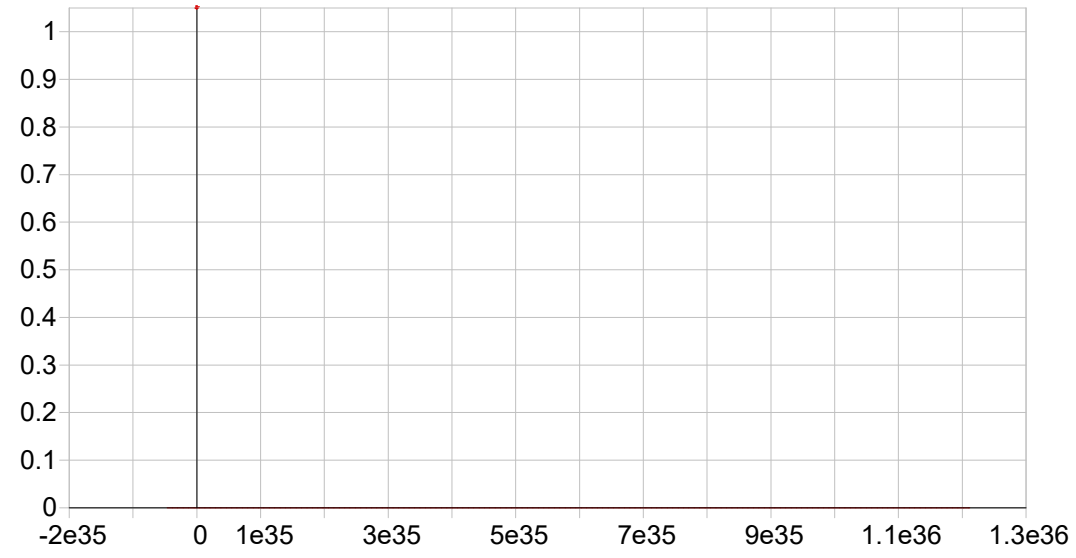
Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083



Y 224.306 {450}*

Date of Fit:	3/18/2025 12:17:11	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



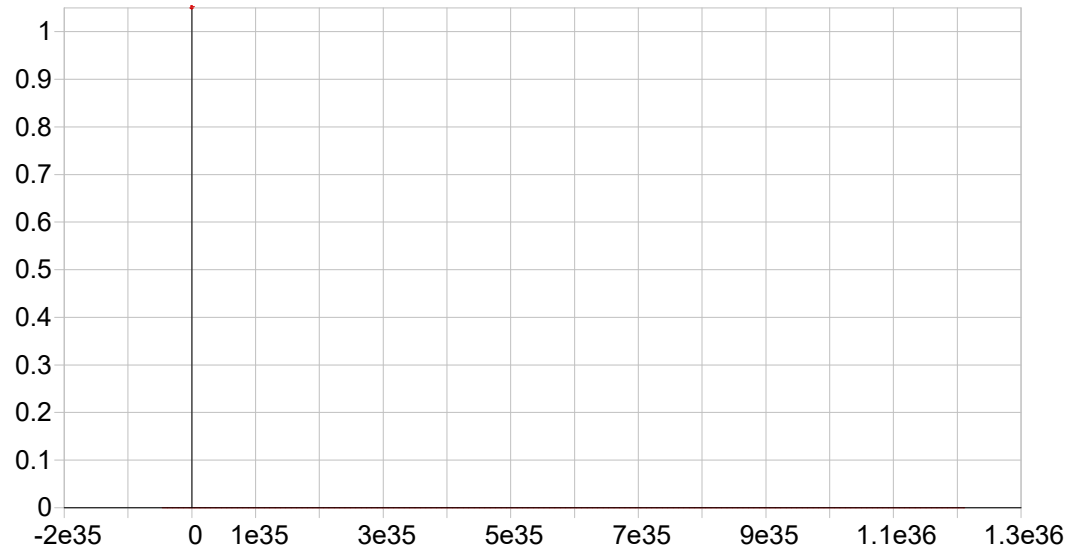
Y 360.073 { 94}*

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:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

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



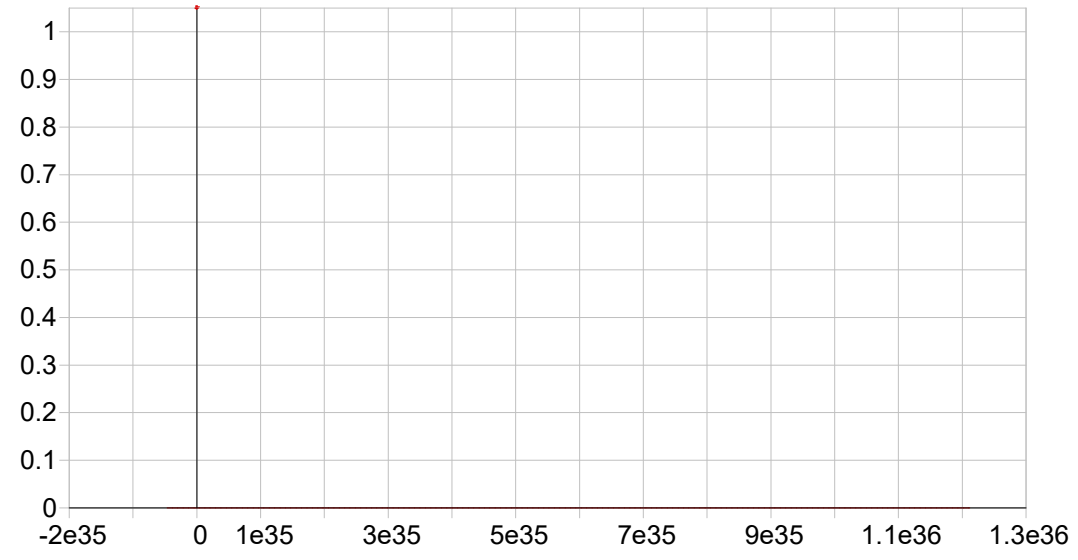
Y 371.030 { 91}*

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

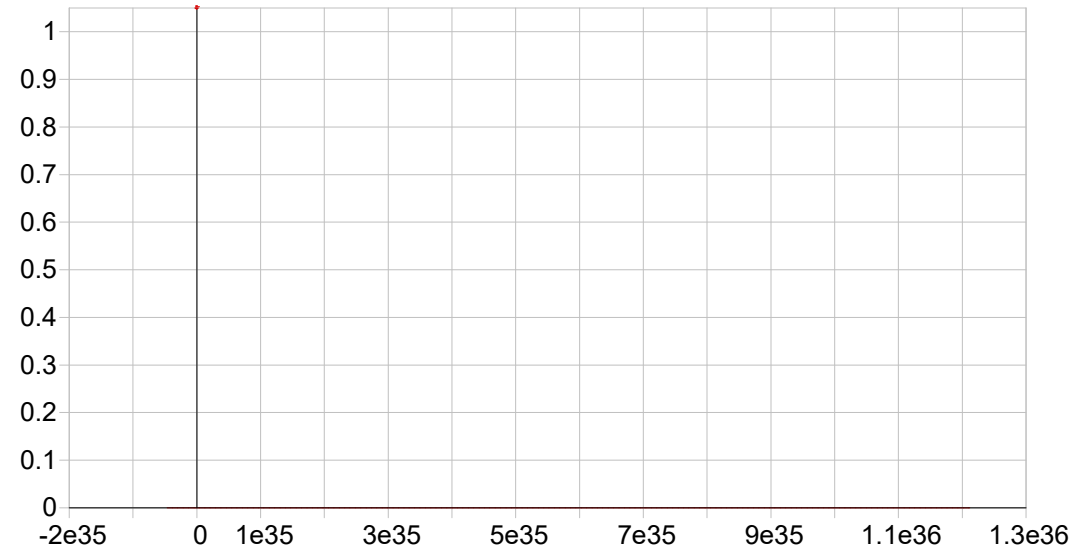
Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083



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:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

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:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: S0 Acquired: 3/18/2025 10:11:16 Type: Cal
Method: NON EPA-6010-200.7(v2817) 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	-.00013	.00006	-.00017	.00040	.00014	-.00031	.05857	-.00035
Stddev	.00013	.00003	.00027	.00006	.00005	.00050	.00154	.00022
%RSD	96.832	44.063	156.67	14.280	36.962	162.85	2.6336	62.807
#1	-.00005	.00008	-.00020	.00046	.00016	-.00074	.05975	-.00017
#2	-.00007	.00003	-.00043	.00038	.00017	-.00041	.05914	-.00059
#3	-.00028	.00006	.00011	.00035	.00008	.00024	.05682	-.00028

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	-.00010	.00069	.00003	-.00006	-.00076	-.00001	.00266	-.00019
Stddev	.00011	.00031	.00005	.00008	.00012	.00002	.00034	.00005
%RSD	104.56	45.528	210.30	143.61	15.590	237.54	12.631	27.151
#1	-.00004	.00103	-.00003	-.00014	-.00071	-.00002	.00294	-.00016
#2	-.00004	.00060	.00003	.00003	-.00089	.00001	.00275	-.00025
#3	-.00023	.00042	.00007	-.00006	-.00067	-.00001	.00229	-.00016

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00030	-.00146	.00191	.00011	.00389	-.00041	.00262	.00021
Stddev	.00008	.00010	.00004	.00009	.00037	.00009	.00003	.00004
%RSD	27.981	6.5513	1.8394	78.770	9.6361	22.373	1.3167	21.279
#1	-.00025	-.00153	.00192	.00001	.00352	-.00033	.00265	.00026
#2	-.00040	-.00135	.00193	.00017	.00427	-.00051	.00258	.00019
#3	-.00026	-.00151	.00187	.00015	.00386	-.00038	.00262	.00017

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	.00027	.00189	.00016	-.00089	.00013	.00811	.00015
Stddev	.00002	.00017	.00000	.00013	.00002	.00060	.00018
%RSD	8.9024	8.9301	2.7825	14.527	14.877	7.3728	116.97
#1	.00025	.00179	.00016	-.00088	.00016	.00833	.00001
#2	.00025	.00179	.00016	-.00076	.00012	.00743	.00035
#3	.00030	.00208	.00017	-.00102	.00012	.00856	.00009

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: S0 Acquired: 3/18/2025 10:11:16 Type: Cal
Method: NON EPA-6010-200.7(v2817) 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	2850.8	75483.	13509.	2558.8	5086.0
Stddev	10.5	295.	53.	1.0	10.0
%RSD	.37003	.39072	.39009	.03995	.19623
#1	2840.7	75823.	13455.	2560.0	5074.4
#2	2861.7	75289.	13561.	2558.2	5091.3
#3	2850.0	75338.	13511.	2558.2	5092.1

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: S1 Acquired: 3/18/2025 10:15:41 Type: Cal
Method: NON EPA-6010-200.7(v2817) 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	.00105	.00229	.00203	.00136	.00769	.00791	.33523	.02435
Stddev	.00002	.00007	.00002	.00011	.00011	.00045	.00256	.00011
%RSD	1.7360	3.0307	.98938	7.7959	1.3792	5.6249	.76233	.46292
#1	.00107	.00233	.00204	.00124	.00762	.00823	.33727	.02442
#2	.00105	.00233	.00205	.00139	.00781	.00810	.33606	.02441
#3	.00103	.00221	.00201	.00144	.00764	.00740	.33237	.02422

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	.01371	.10817	.00182	.02503	.01721	.00059	.01299	.02716
Stddev	.00021	.00085	.00004	.00030	.00009	.00002	.00008	.00010
%RSD	1.5300	.78565	1.9441	1.2060	.51500	3.7768	.61006	.38285
#1	.01347	.10900	.00186	.02478	.01717	.00058	.01302	.02713
#2	.01381	.10820	.00182	.02536	.01715	.00057	.01304	.02728
#3	.01386	.10730	.00179	.02493	.01731	.00061	.01290	.02708

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	.02318	.00114	.04219	.00497	.10943	.01393	.03830	.15560
Stddev	.00015	.00008	.00021	.00017	.00088	.00009	.00033	.00008
%RSD	.65387	7.3404	.50273	3.5151	.80061	.64740	.85878	.05294
#1	.02305	.00119	.04241	.00488	.11044	.01385	.03792	.15551
#2	.02334	.00104	.04216	.00486	.10892	.01403	.03852	.15566
#3	.02315	.00118	.04199	.00518	.10893	.01391	.03847	.15563

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	.00460	.01766	.00211	-.00028	.00064	.02682	.16190
Stddev	.00008	.00030	.00004	.00010	.00006	.00065	.00245
%RSD	1.7828	1.7016	1.7127	35.712	9.5656	2.4210	1.5153
#1	.00469	.01796	.00213	-.00018	.00062	.02740	.16465
#2	.00458	.01736	.00213	-.00038	.00070	.02694	.16112
#3	.00453	.01766	.00207	-.00026	.00059	.02612	.15993

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: S1 Acquired: 3/18/2025 10:15:41 Type: Cal
Method: NON EPA-6010-200.7(v2817) 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	2836.5	72179.	13687.	2467.4	5030.4
Stddev	2.2	143.	46.	7.7	10.8
%RSD	.07852	.19878	.33691	.31314	.21471
#1	2835.3	72313.	13666.	2474.1	5019.3
#2	2835.2	72028.	13655.	2469.2	5031.0
#3	2839.1	72197.	13740.	2458.9	5040.9

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: S2 Acquired: 3/18/2025 10:20:04 Type: Cal
Method: NON EPA-6010-200.7(v2817) 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	.04401	.04688	.15019	.04831	.11309	.11816	4.3214	.16325
Stddev	.00018	.00044	.00028	.00030	.00045	.00014	.0323	.00076
%RSD	.40523	.94425	.18966	.62940	.39642	.11969	.74794	.46304
#1	.04390	.04736	.15015	.04808	.11257	.11804	4.2852	.16324
#2	.04421	.04681	.15049	.04865	.11329	.11812	4.3474	.16402
#3	.04391	.04648	.14992	.04820	.11340	.11831	4.3317	.16250

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	.91779	.20951	.02727	.33596	.16492	.00435	.20322	.04986
Stddev	.00139	.00071	.00013	.00086	.00046	.00003	.00096	.00020
%RSD	.15130	.33924	.47418	.25700	.27709	.79962	.47356	.40570
#1	.91630	.20895	.02712	.33557	.16439	.00434	.20214	.04997
#2	.91905	.21031	.02734	.33695	.16519	.00433	.20399	.04999
#3	.91800	.20928	.02735	.33537	.16517	.00439	.20354	.04963

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	.23385	.05180	.08236	.05046	1.0047	.02729	.27487	.62292
Stddev	.00069	.00008	.00070	.00024	.0067	.00019	.00044	.00083
%RSD	.29503	.15322	.85425	.48402	.66954	.71047	.16054	.13316
#1	.23312	.05173	.08168	.05074	1.0016	.02707	.27454	.62273
#2	.23449	.05189	.08309	.05038	1.0124	.02740	.27538	.62382
#3	.23393	.05178	.08230	.05027	1.0001	.02741	.27470	.62220

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	.08841	.31389	.00430	.02525	.01744	.74027	6.4083
Stddev	.00029	.00104	.00003	.00010	.00013	.00368	.0340
%RSD	.32683	.33168	.63569	.39073	.76187	.49736	.53028
#1	.08824	.31270	.00433	.02514	.01760	.73611	6.3705
#2	.08874	.31459	.00430	.02528	.01737	.74311	6.4363
#3	.08824	.31439	.00428	.02532	.01736	.74159	6.4182

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: S2 Acquired: 3/18/2025 10:20:04 Type: Cal
Method: NON EPA-6010-200.7(v2817) 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	2775.7	71565.	13621.	2422.2	4881.3
Stddev	7.6	155.	36.	8.5	13.2
%RSD	.27229	.21672	.26095	.34917	.27023
#1	2776.9	71533.	13580.	2417.4	4876.3
#2	2767.6	71734.	13640.	2417.2	4871.3
#3	2782.5	71429.	13642.	2432.0	4896.3

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: S3 Acquired: 3/18/2025 10:24:14 Type: Cal
Method: NON EPA-6010-200.7(v2817) 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	.14032	.14939	.47670	.15257	.35724	.37275	13.143	.50546
Stddev	.00043	.00078	.00192	.00016	.00094	.00082	.067	.00256
%RSD	.30915	.52114	.40212	.10356	.26293	.21878	.51310	.50702
#1	.14039	.15014	.47615	.15242	.35663	.37349	13.213	.50692
#2	.13985	.14859	.47512	.15254	.35677	.37289	13.138	.50697
#3	.14071	.14945	.47883	.15274	.35832	.37188	13.078	.50250

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	2.9027	.65071	.08510	1.0539	.50570	.01300	.61324	.15534
Stddev	.0097	.00236	.00051	.0041	.00114	.00005	.00229	.00064
%RSD	.33329	.36276	.60269	.38577	.22549	.35029	.37368	.40987
#1	2.9028	.65180	.08472	1.0547	.50575	.01301	.61452	.15520
#2	2.8930	.65234	.08488	1.0496	.50454	.01294	.61460	.15604
#3	2.9124	.64801	.08568	1.0576	.50682	.01303	.61059	.15479

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	.72918	.16179	.25287	.15724	3.0869	.08640	.84858	1.9105
Stddev	.00263	.00023	.00116	.00027	.0182	.00015	.00678	.0063
%RSD	.36047	.14205	.45840	.17015	.58834	.17460	.79894	.32908
#1	.72968	.16205	.25234	.15725	3.0868	.08645	.85392	1.9102
#2	.72634	.16162	.25206	.15697	3.0688	.08623	.85087	1.9043
#3	.73152	.16169	.25420	.15750	3.1052	.08652	.84095	1.9169

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	.28181	.95942	.01300	.08391	.05669	2.2589	19.593
Stddev	.00118	.00360	.00009	.00045	.00041	.0108	.078
%RSD	.42039	.37498	.69176	.53882	.72632	.47871	.39941
#1	.28177	.96274	.01292	.08388	.05683	2.2690	19.524
#2	.28065	.95992	.01298	.08347	.05623	2.2601	19.578
#3	.28302	.95560	.01310	.08437	.05701	2.2475	19.678

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: S3 Acquired: 3/18/2025 10:24:14 Type: Cal
Method: NON EPA-6010-200.7(v2817) 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	2742.7	71811.	13625.	2345.5	4661.6
Stddev	6.0	233.	45.	20.2	14.9
%RSD	.21912	.32515	.32873	.86103	.32057
#1	2741.7	71908.	13603.	2360.2	4655.7
#2	2749.2	71980.	13597.	2353.8	4678.6
#3	2737.3	71545.	13677.	2322.5	4650.5

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: S4 Acquired: 3/18/2025 10:28:24 Type: Cal
Method: NON EPA-6010-200.7(v2817) 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	.28964	.29679	.96726	.30425	.70945	.75319	26.518	.98951
Stddev	.00096	.00345	.00124	.00130	.00281	.00142	.516	.00164
%RSD	.33053	1.1614	.12869	.42686	.39549	.18801	1.9446	.16545
#1	.28878	.29556	.96595	.30315	.70682	.75257	26.718	.99138
#2	.28946	.29413	.96742	.30391	.70911	.75218	25.932	.98838
#3	.29067	.30069	.96842	.30568	.71240	.75481	26.904	.98876

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.8290	1.3104	.17194	2.0946	.98218	.02669	1.2063	.30816
Stddev	.0116	.0031	.00023	.0053	.00355	.00004	.0038	.00101
%RSD	.19918	.24000	.13102	.25253	.36176	.14938	.31197	.32809
#1	5.8175	1.3103	.17220	2.0892	.97810	.02669	1.2075	.30718
#2	5.8287	1.3073	.17182	2.0947	.98388	.02673	1.2022	.30811
#3	5.8407	1.3136	.17180	2.0998	.98456	.02665	1.2094	.30920

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	1.4405	.32854	.54114	.31765	6.2234	.18382	1.6636	3.7338
Stddev	.0037	.00051	.00129	.00154	.0093	.00041	.0065	.0146
%RSD	.25654	.15412	.23815	.48421	.15014	.22416	.39192	.39041
#1	1.4366	.32836	.54032	.31719	6.2317	.18405	1.6653	3.7214
#2	1.4412	.32911	.54048	.31639	6.2254	.18406	1.6564	3.7302
#3	1.4439	.32815	.54263	.31936	6.2133	.18334	1.6691	3.7499

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	.55922	1.9031	.02888	.16956	.11409	4.5283	38.386
Stddev	.00140	.0054	.00009	.00035	.00040	.0141	.169
%RSD	.25097	.28359	.32485	.20675	.35033	.31159	.44051
#1	.55879	1.9030	.02877	.16919	.11405	4.5361	38.579
#2	.55809	1.8978	.02892	.16962	.11371	4.5121	38.265
#3	.56079	1.9086	.02894	.16988	.11451	4.5368	38.313

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: S4 Acquired: 3/18/2025 10:28:24 Type: Cal
Method: NON EPA-6010-200.7(v2817) 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	2739.3	68365.	13636.	2189.3	4549.3
Stddev	6.2	67.	25.	12.8	6.9
%RSD	.22715	.09812	.18180	.58689	.15229
#1	2742.8	68306.	13619.	2193.0	4548.6
#2	2743.1	68351.	13664.	2175.0	4556.6
#3	2732.1	68438.	13623.	2199.9	4542.8

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: S5 Acquired: 3/18/2025 10:32:37 Type: Cal
Method: NON EPA-6010-200.7(v2817) 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	.58727	.59415	1.9404	.61579	1.4457	1.5419	53.489	1.9432
Stddev	.00124	.00167	.0067	.00070	.0022	.0070	.672	.0133
%RSD	.21111	.28179	.34302	.11360	.15581	.45342	1.2569	.68241
#1	.58698	.59568	1.9410	.61561	1.4442	1.5486	54.047	1.9516
#2	.58621	.59236	1.9334	.61519	1.4446	1.5424	53.677	1.9501
#3	.58863	.59441	1.9467	.61656	1.4483	1.5346	52.742	1.9279

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	11.723	2.6535	.33904	4.2352	1.9392	.05333	2.4190	.62297
Stddev	.040	.0160	.00090	.0127	.0035	.00008	.0168	.00274
%RSD	.34498	.60217	.26651	.29966	.18046	.15936	.69475	.44024
#1	11.730	2.6713	.33801	4.2370	1.9393	.05338	2.4353	.62553
#2	11.679	2.6487	.33943	4.2216	1.9357	.05324	2.4200	.62331
#3	11.759	2.6404	.33968	4.2468	1.9427	.05339	2.4017	.62007

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.8923	.65637	1.1194	.64535	12.340	.38250	3.2721	7.4719
Stddev	.0090	.00099	.0069	.00254	.035	.00154	.0219	.0152
%RSD	.31062	.15112	.61799	.39309	.28638	.40142	.67032	.20367
#1	2.8950	.65555	1.1170	.64812	12.330	.38276	3.2896	7.4768
#2	2.8823	.65609	1.1139	.64480	12.380	.38085	3.2792	7.4548
#3	2.8997	.65747	1.1272	.64314	12.311	.38389	3.2475	7.4841

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.1198	3.8766	.05903	.34527	.23660	9.3415	77.052
Stddev	.0037	.0239	.00042	.00073	.00067	.0523	.366
%RSD	.32721	.61697	.70505	.21163	.28509	.55963	.47446
#1	1.1213	3.9015	.05862	.34534	.23639	9.3994	77.223
#2	1.1156	3.8746	.05901	.34451	.23606	9.3271	76.632
#3	1.1224	3.8538	.05945	.34596	.23736	9.2978	77.300

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: S5 Acquired: 3/18/2025 10:32:37 Type: Cal
Method: NON EPA-6010-200.7(v2817) 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	2652.0	67574.	13481.	2106.6	4325.1
Stddev	6.8	94.	120.	7.6	11.2
%RSD	.25574	.13953	.88981	.36314	.25949
#1	2651.9	67490.	13372.	2112.4	4326.4
#2	2658.8	67676.	13462.	2097.9	4335.6
#3	2645.3	67557.	13610.	2109.4	4313.3

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: ICV01 Acquired: 3/18/2025 10:36:57 Type: Unk
Method: NON EPA-6010-200.7(v2817) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.018294	1.065357	1.009026	1.045877	1.014835	2.531868	.5399739
Stddev	.000689	.007785	.002978	.000628	.003383	.015160	.0032372
%RSD	.0676331	.7307172	.2951533	.0599986	.3333390	.5987814	.5995079
#1	1.019088	1.056689	1.008845	1.046453	1.016575	2.524144	.5362499
#2	1.017864	1.071753	1.006142	1.045208	1.010936	2.549335	.5415566
#3	1.017929	1.067629	1.012090	1.045971	1.016994	2.522125	.5421153

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5427034	.5097922	9.878688	.5373713	.5158937	.5296224	10.21567
Stddev	.0012912	.0008480	.054836	.0032083	.0014420	.0012692	.02949
%RSD	.2379181	.1663511	.5550974	.5970286	.2795069	.2396344	.2887066
#1	.5412547	.5103167	9.815880	.5348771	.5165072	.5309826	10.20354
#2	.5431228	.5088139	9.917047	.5409905	.5142464	.5284699	10.24929
#3	.5437329	.5102462	9.903136	.5362462	.5169274	.5294146	10.19417

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4998420	5.823999	.5190017	.2603678	10.10703	.5193379	1.043657
Stddev	.0046141	.012496	.0007287	.0005422	.04035	.0038974	.004088
%RSD	.9231195	.2145533	.1404094	.2082494	.3992446	.7504582	.3916936
#1	.4953676	5.815881	.5196999	.2605017	10.12733	.5158159	1.042827
#2	.5045842	5.838388	.5182459	.2608304	10.13321	.5235251	1.048097
#3	.4995744	5.817726	.5190594	.2597711	10.06056	.5186728	1.040049

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.939562	2.487089	2.393139	2.469009	2.459871	2.322240	2.428050
Stddev	.040541	.002394	.002036	.000893	.010071	.016960	.007112
%RSD	.4078783	.0962442	.0850742	.0361735	.4094070	.7303200	.2929034
#1	9.923633	2.486694	2.394306	2.468770	2.448968	2.317766	2.419864
#2	9.985649	2.489656	2.390789	2.468260	2.468826	2.340988	2.432713
#3	9.909405	2.484918	2.394323	2.469997	2.461819	2.307965	2.431573

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: ICV01 Acquired: 3/18/2025 10:36:57 Type: Unk
Method: NON EPA-6010-200.7(v2817) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.530309	2.539452	2.540237
Stddev	.010293	.007854	.025531
%RSD	.4067799	.3092961	1.005067
#1	2.519441	2.533649	2.510964
#2	2.531578	2.548389	2.551848
#3	2.539909	2.536316	2.557899

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2792.110	69565.29	14487.92	2214.102	4756.795
Stddev	4.641	131.04	58.23	13.856	4.839
%RSD	.1662105	.1883720	.4019236	.6257994	.1017299
#1	2787.508	69689.70	14550.82	2228.251	4753.913
#2	2792.035	69428.50	14477.05	2200.559	4754.090
#3	2796.789	69577.68	14435.89	2213.497	4762.381

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: LLICV01 Acquired: 3/18/2025 10:41:08 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	.0219160	.0386147	.0108873	.0184074	.0540130	.1050987
Stddev	.0018427	.0004409	.0002128	.0006894	.0002697	.0070740
%RSD	8.408038	1.141685	1.954662	3.745424	.4993105	6.730829
#1	.0206370	.0386210	.0106417	.0178600	.0541484	.1011397
#2	.0210829	.0390524	.0110033	.0181807	.0537024	.1132657
#3	.0240282	.0381707	.0110168	.0191817	.0541882	.1008905

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0954300	.0059703	.0059071	1.983514	.0108786	.0296289
Stddev	.0004245	.0000416	.0000905	.001683	.0004074	.0000336
%RSD	.4448542	.6966126	1.531992	.0848583	3.745290	.1132660
#1	.0959090	.0059804	.0059364	1.984216	.0108601	.0295912
#2	.0952806	.0059246	.0058056	1.981593	.0104807	.0296553
#3	.0951004	.0060060	.0059794	1.984732	.0112949	.0296403

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0223074	.1120171	.0192558	2.093888	.0395817	.0101362
Stddev	.0006431	.0019041	.0002212	.020922	.0004027	.0003317
%RSD	2.882770	1.699864	1.148542	.9991965	1.017319	3.272304
#1	.0228893	.1128233	.0195048	2.069742	.0395016	.0098702
#2	.0224160	.1133855	.0191801	2.106640	.0400185	.0100307
#3	.0216170	.1098425	.0190823	2.105281	.0392252	.0105078

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.938987	.0385581	.0427658	1.855340	.1139096	.2050085
Stddev	.006760	.0013973	.0002051	.028741	.0010837	.0003575
%RSD	.3486460	3.623947	.4794899	1.549123	.9513269	.1743890
#1	1.932549	.0384904	.0425316	1.857500	.1151127	.2047430
#2	1.946029	.0371959	.0429128	1.882940	.1130101	.2054150
#3	1.938383	.0399881	.0428530	1.825579	.1136061	.2048675

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: LLICV01 Acquired: 3/18/2025 10:41:08 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	.0385177	.0378739	.3734887	F .0156655	.0190514	.0174212
Stddev	.0005214	.0008012	.0039387	.0011293	.0029495	.0005685
%RSD	1.353584	2.115549	1.054568	7.209104	15.48166	3.263201
#1	.0390263	.0373382	.3691093	.0150752	.0156574	.0177895
#2	.0379845	.0374886	.3767408	.0169676	.0209935	.0167665
#3	.0385422	.0387950	.3746161	.0149536	.0205034	.0177077

Elem	Sr4077
Units	ppm
Avg	.0191145
Stddev	.0000689
%RSD	.3601880
#1	.0190911
#2	.0191920
#3	.0190605

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2837.180	70730.79	14297.03	2242.371	4970.987
Stddev	8.904	153.66	51.55	13.115	9.945
%RSD	.3138156	.2172523	.3605748	.5848606	.2000661
#1	2843.436	70744.29	14250.57	2236.538	4973.810
#2	2826.986	70570.81	14288.03	2233.184	4959.935
#3	2841.117	70877.25	14352.49	2257.390	4979.215

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: ICB01 Acquired: 3/18/2025 10:45:26 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	.0000491	-.002139	.0011002	-.002159	.0011620	.0027887	.0015644
Stddev	.0018355	.000125	.0015456	.000951	.0009163	.0066887	.0008156
%RSD	3739.315	5.827694	140.4899	44.03577	78.85915	239.8496	52.13296
#1	-.002043	-.002023	.0000659	-.001265	.0020378	-.001561	.0015079
#2	.000801	-.002271	.0003577	-.002055	.0002100	.010491	.0024068
#3	.001390	-.002125	.0028769	-.003157	.0012381	-.000564	.0007786

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000886	.0000004	-.009934	.0003798	.0000368	-.000162	.0020442
Stddev	.0000140	.0000476	.005431	.0001276	.0001713	.000038	.0001202
%RSD	15.82642	12772.68	54.67450	33.58725	465.6274	23.10881	5.882098
#1	.0000980	.0000518	-.015637	.0002580	.0002100	-.000140	.0019136
#2	.0000725	-.000009	-.004823	.0003691	.0000328	-.000141	.0020685
#3	.0000953	-.000042	-.009342	.0005125	-.000132	-.000206	.0021504

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000803	.0162709	.0002546	.0002513	-.024540	-.000839	.0001726
Stddev	.000341	.0099944	.0002007	.0002408	.005448	.001240	.0001494
%RSD	42.47782	61.42480	78.82094	95.85170	22.19856	147.7834	86.54960
#1	-.001091	.0204092	.0003629	-.000012	-.018571	-.000504	.0001747
#2	-.000426	.0048721	.0003779	.000305	-.029243	-.002212	.0000222
#3	-.000891	.0235315	.0000230	.000461	-.025807	.000199	.0003210

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.096916	.0005966	-.000114	-.000175	.0002463	.0019590	-.005230
Stddev	.012124	.0000323	.000156	.000399	.0004410	.0012475	.000656
%RSD	12.51006	5.412031	135.9043	228.4289	179.0267	63.68287	12.53936
#1	-.101249	.0005775	-.000207	-.000407	.0007525	.0013016	-.005972
#2	-.106279	.0005783	-.000201	-.000403	-.000054	.0033978	-.004990
#3	-.083221	.0006339	.000065	.000286	.000041	.0011776	-.004728

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: ICB01 Acquired: 3/18/2025 10:45:26 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	.0006850	-.002170	.0000810
Stddev	.0034418	.001459	.0000313
%RSD	502.4266	67.21207	38.68549
#1	-.003235	-.003480	.0000458
#2	.003212	-.002432	.0001059
#3	.002078	-.000598	.0000914

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2827.876	70598.48	14204.70	2215.997	5002.175
Stddev	4.060	212.74	34.89	13.242	6.612
%RSD	.1435827	.3013346	.2456192	.5975415	.1321843
#1	2832.531	70506.91	14171.25	2205.954	5009.807
#2	2826.035	70446.87	14201.97	2211.035	4998.173
#3	2825.063	70841.67	14240.87	2231.003	4998.545

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: CRI01 Acquired: 3/18/2025 10:49:46 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	.0226135	.0384160	.0112670	.0166133	.0537558	.1058829	.0944022
Stddev	.0024899	.0019485	.0010982	.0011890	.0014024	.0053376	.0003191
%RSD	11.01051	5.072029	9.746780	7.156626	2.608834	5.041016	.3380791
#1	.0203074	.0381478	.0116108	.0174244	.0542499	.0998049	.0940955
#2	.0222796	.0404847	.0121521	.0171672	.0521732	.1080370	.0943786
#3	.0252534	.0366155	.0100381	.0152485	.0548443	.1098068	.0947325

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058659	.0059061	1.960921	.0108401	.0293801	.0219687	.1144787
Stddev	.0000323	.0000676	.005886	.0000944	.0000771	.0003823	.0043098
%RSD	.5510462	1.145190	.3001559	.8703478	.2623875	1.740002	3.764752
#1	.0058923	.0058294	1.962278	.0107942	.0293662	.0221393	.1192715
#2	.0058756	.0059574	1.966010	.0107775	.0294632	.0222360	.1132427
#3	.0058298	.0059315	1.954475	.0109486	.0293109	.0215309	.1109219

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0185344	2.059071	.0393399	.0107061	1.948201	.0369646	.0430825
Stddev	.0001028	.012257	.0003582	.0001715	.001117	.0013049	.0000940
%RSD	.5543629	.5952546	.9105744	1.601591	.0573206	3.530047	.2181303
#1	.0184239	2.048805	.0389268	.0108290	1.949042	.0366367	.0431452
#2	.0186271	2.055766	.0395278	.0105102	1.948627	.0384022	.0431279
#3	.0185522	2.072641	.0395652	.0107791	1.946934	.0358550	.0429745

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.837522	.0975006	.2032308	.0399103	.0383759	.3720908	.0156023
Stddev	.049073	.0003371	.0005034	.0002717	.0011868	.0067140	.0015163
%RSD	2.670591	.3457754	.2476961	.6807168	3.092505	1.804406	9.718716
#1	1.783890	.0978600	.2026523	.0396037	.0375727	.3694432	.0169015
#2	1.880176	.0971913	.2034706	.0401212	.0397391	.3671043	.0139362
#3	1.848500	.0974506	.2035695	.0400059	.0378160	.3797250	.0159692

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: CRI01 Acquired: 3/18/2025 10:49:46 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	.0198020	.0154781	.0187711
Stddev	.0009353	.0002056	.0000805
%RSD	4.723268	1.328203	.4287385
#1	.0203627	.0155433	.0188626
#2	.0203210	.0152478	.0187111
#3	.0187223	.0156432	.0187397

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2820.776	69931.64	14417.42	2171.170	4915.276
Stddev	5.124	111.90	30.68	12.003	14.215
%RSD	.1816473	.1600194	.2127727	.5528151	.2891996
#1	2821.970	69942.52	14389.43	2158.085	4923.426
#2	2825.198	69814.70	14412.63	2181.668	4923.540
#3	2815.161	70037.71	14450.21	2173.756	4898.862

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: ICSA01 Acquired: 3/18/2025 10:54:03 Type: Unk
Method: NON EPA-6010-200.7(v2817) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039889	.0077270	.0051682	-.012299	-.001124	247.9061
Stddev	.0024605	.0019423	.0010766	.005366	.001852	.7027
%RSD	61.68367	25.13709	20.83170	43.62800	164.7977	.2834714
#1	.0068299	.0066813	.0047150	-.006241	-.000208	247.3855
#2	.0025566	.0099681	.0063973	-.014200	.000092	248.7055
#3	.0025800	.0065314	.0043922	-.016455	-.003255	247.6274

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059343	.0013342	-.004364	236.5024	.0602933	.0019731
Stddev	.0011418	.0000542	.000151	.6086	.0002230	.0000262
%RSD	19.24029	4.060582	3.451267	.2573417	.3698659	1.327907
#1	.0046280	.0012722	-.004429	237.0532	.0603492	.0020027
#2	.0067418	.0013579	-.004472	236.6050	.0604830	.0019636
#3	.0064331	.0013724	-.004192	235.8490	.0600476	.0019529

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101609	102.5519	.0016514	249.8328	.0021579	-.000687
Stddev	.0008418	.2187	.0003115	.2034	.0001748	.000207
%RSD	8.284652	.2133024	18.86301	.0814294	8.101427	30.18731
#1	.0104715	102.3526	.0020111	250.0537	.0020596	-.000897
#2	.0092079	102.7859	.0014714	249.6532	.0020544	-.000683
#3	.0108033	102.5170	.0014718	249.7913	.0023598	-.000482

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0331015	.0024157	.0046594	-.104236	F -.251139	.0001347
Stddev	.0015639	.0018752	.0002144	.017011	.001069	.0004771
%RSD	4.724476	77.62471	4.600664	16.31997	.4256250	354.2685
#1	.0313809	.0015655	.0048958	-.085731	-.251455	-.000145
#2	.0334874	.0011162	.0046049	-.119195	-.252015	-.000137
#3	.0344364	.0045653	.0044776	-.107781	-.249948	.000686

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: ICSA01 Acquired: 3/18/2025 10:54:03 Type: Unk
Method: NON EPA-6010-200.7(v2817) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004903	-.001009	.0193303	-.001865	-.010092	.0007695
Stddev	.000601	.000395	.0003542	.002556	.003872	.0006027
%RSD	12.24851	39.19799	1.832287	137.0867	38.36456	78.31595
#1	-.005593	-.001465	.0189313	-.004650	-.009637	.0002143
#2	-.004500	-.000790	.0196076	.000373	-.014171	.0006839
#3	-.004615	-.000771	.0194519	-.001317	-.006468	.0014105

Elem	Sr4077
Units	ppm
Avg	.0046619
Stddev	.0003070
%RSD	6.585734
#1	.0050155
#2	.0045074
#3	.0044629

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2520.204	61464.55	14033.78	1894.736	4020.156
Stddev	2.257	206.90	37.70	9.889	4.137
%RSD	.0895410	.3366102	.2686593	.5219438	.1029059
#1	2520.734	61643.67	14006.29	1904.296	4024.918
#2	2522.149	61238.08	14018.29	1895.364	4018.096
#3	2517.730	61511.88	14076.77	1884.547	4017.453

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: ICSAB01 Acquired: 3/18/2025 11:04:59 Type: Unk
Method: NON EPA-6010-200.7(v2817) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1056107	.1007859	.0518658	.0342332	.6004232	235.9705
Stddev	.0010696	.0010297	.0019502	.0026523	.0042892	2.7711
%RSD	1.012783	1.021646	3.760185	7.747724	.7143612	1.174342
#1	.1068414	.1003425	.0534597	.0313935	.5957168	238.9897
#2	.1050857	.1000522	.0524467	.0346597	.6041122	235.3784
#3	.1049051	.1019630	.0496912	.0366464	.6014407	233.5432

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4520232	.4726413	.9550573	223.2320	.5547624	.4858265
Stddev	.0015430	.0018221	.0030104	.9967	.0010102	.0016585
%RSD	.3413503	.3855153	.3152093	.4464921	.1820954	.3413780
#1	.4509642	.4744901	.9522687	223.0469	.5554364	.4841788
#2	.4513117	.4708471	.9546542	222.3407	.5536009	.4858052
#3	.4537935	.4725866	.9582490	224.3082	.5552499	.4874956

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4890796	95.61581	.4416561	239.1818	.9605023	.2111855
Stddev	.0005217	.47849	.0024643	.7014	.0037420	.0008292
%RSD	.1066647	.5004304	.5579641	.2932490	.3895871	.3926529
#1	.4886619	95.29981	.4401289	239.0640	.9569273	.2119472
#2	.4889126	95.38130	.4403404	238.5468	.9601881	.2103022
#3	.4896643	96.16631	.4444990	239.9347	.9643915	.2113071

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0149540	.4459531	1.035131	-.124446	F .7080128	1.039777
Stddev	.0061142	.0011988	.003017	.009534	.0045551	.002128
%RSD	40.88692	.2688244	.2914606	7.661115	.6433647	.2046199
#1	.0090237	.4466112	1.037011	-.132591	.7122390	1.037324
#2	.0146013	.4445693	1.031651	-.113959	.7031880	1.040886
#3	.0212369	.4466787	1.036732	-.126788	.7086116	1.041121

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: ICSAB01 Acquired: 3/18/2025 11:04:59 Type: Unk
Method: NON EPA-6010-200.7(v2817) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.038850	.9541434	.9589656	F -.000484	F -.013251	F -.000054
Stddev	.003386	.0047861	.0149738	.006732	.005926	.000724
%RSD	.3259528	.5016069	1.561450	1392.323	44.72309	1331.385
#1	1.034977	.9522335	.9664900	-.002658	-.017577	.000631
#2	1.040316	.9506071	.9417219	.007067	-.006496	-.000812
#3	1.041255	.9595895	.9686848	-.005860	-.015679	.000017

Elem	Sr4077
Units	ppm
Avg	F .0057111
Stddev	.0003491
%RSD	6.113269
#1	.0055283
#2	.0054914
#3	.0061137

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2485.569	62059.60	13817.20	1925.349	3998.483
Stddev	2.881	135.40	53.41	3.746	8.588
%RSD	.1159037	.2181802	.3865305	.1945761	.2147826
#1	2487.445	61931.80	13762.06	1921.061	4007.289
#2	2482.252	62201.50	13868.68	1927.983	3998.028
#3	2487.010	62045.51	13820.85	1927.004	3990.131

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: CCV01 Acquired: 3/18/2025 11:09:10 Type: Unk
Method: NON EPA-6010-200.7(v2817) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.044129	5.132327	4.994702	5.040642	5.034713	9.845709	9.533298
Stddev	.013333	.027380	.007847	.014623	.012861	.023439	.054081
%RSD	.2643272	.5334853	.1571056	.2901040	.2554438	.2380633	.5672865
#1	5.033641	5.148851	4.986523	5.039896	5.026043	9.818733	9.527935
#2	5.039612	5.100722	4.995417	5.026407	5.028608	9.857304	9.589861
#3	5.059134	5.147408	5.002168	5.055624	5.049490	9.861091	9.482098

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2425366	2.473068	24.20725	1.023201	2.455389	1.243582	4.877548
Stddev	.0004953	.001498	.05236	.000533	.000686	.000935	.023892
%RSD	.2042296	.0605904	.2162849	.0521235	.0279275	.0751457	.4898349
#1	.2425218	2.471350	24.22080	1.023657	2.454818	1.242859	4.902869
#2	.2430392	2.474106	24.25150	1.023330	2.455200	1.243250	4.874370
#3	.2420489	2.473748	24.14945	1.022614	2.456150	1.244637	4.855404

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.350635	23.99820	2.454455	1.257366	25.27238	2.421937	2.538875
Stddev	.007081	.05757	.001391	.002198	.06954	.004719	.005546
%RSD	.3012224	.2398927	.0566891	.1748343	.2751682	.1948470	.2184361
#1	2.353125	23.95981	2.452854	1.259851	25.35063	2.427113	2.533251
#2	2.356134	24.06440	2.455135	1.256570	25.24886	2.420825	2.539035
#3	2.342646	23.97039	2.455375	1.255677	25.21765	2.417873	2.544340

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.43342	4.832925	4.963240	4.990093	4.760610	5.113334	5.091442
Stddev	.13781	.014493	.008796	.006215	.010361	.005354	.003871
%RSD	.5640332	.2998785	.1772291	.1245496	.2176362	.1046978	.0760214
#1	24.58344	4.823647	4.959248	4.984090	4.765554	5.116631	5.088830
#2	24.40437	4.849626	4.957147	4.996501	4.767574	5.116213	5.089607
#3	24.31244	4.825502	4.973324	4.989689	4.748704	5.107156	5.095889

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: CCV01 Acquired: 3/18/2025 11:09:10 Type: Unk
Method: NON EPA-6010-200.7(v2817) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.958992	4.716586	4.733921
Stddev	.009523	.008666	.041049
%RSD	.1920307	.1837428	.8671161
#1	4.948559	4.721634	4.745382
#2	4.961199	4.721544	4.688360
#3	4.967217	4.706579	4.768021

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2677.654	66726.25	13730.65	2039.678	4437.920
Stddev	4.265	137.46	20.75	3.614	2.490
%RSD	.1592813	.2060066	.1511127	.1771727	.0560999
#1	2679.998	66568.53	13720.17	2038.787	4440.566
#2	2680.232	66789.65	13717.23	2043.654	4437.569
#3	2672.731	66820.57	13754.54	2036.593	4435.624

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: CCB01 Acquired: 3/18/2025 11:13:21 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	-.000202	-.001840	-.000762	.0000437	.0015243	.0026948	-.000689
Stddev	.000530	.000966	.000402	.0009801	.0012659	.0042987	.000850
%RSD	262.2437	52.48616	52.80669	2243.422	83.05074	159.5172	123.3918
#1	.000282	-.001912	-.000838	-.000387	.0029859	-.002186	.000130
#2	-.000119	-.002769	-.000327	-.000647	.0007816	.004351	-.000629
#3	-.000768	-.000841	-.001121	.001165	.0008052	.005919	-.001567

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000640	-.000025	-.009567	.0002381	.0000873	.0001369	.0023453
Stddev	.0000292	.000005	.006648	.0005293	.0000838	.0000924	.0040439
%RSD	45.64157	19.57680	69.49238	222.3111	96.00837	67.49390	172.4237
#1	.0000522	-.000021	-.015637	.0006132	.0001535	.0000445	.0032667
#2	.0000973	-.000024	-.010604	-.000367	-.000007	.0001370	-.002080
#3	.0000426	-.000031	-.002461	.000468	.000115	.0002293	.005849

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000850	.0127112	.0002666	.0004935	-.033051	-.000350	.0002942
Stddev	.000059	.0133315	.0001993	.0000413	.003000	.000753	.0002054
%RSD	6.889328	104.8801	74.74611	8.373546	9.075697	215.4195	69.82421
#1	-.000787	.0098691	.0004256	.0005401	-.029766	.000520	.0001461
#2	-.000861	.0010299	.0000431	.0004613	-.035644	-.000787	.0005287
#3	-.000903	.0272345	.0003311	.0004790	-.033743	-.000781	.0002078

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.131304	.0067638	.0000239	-.000037	.0007715	.0019508	-.005195
Stddev	.027841	.0006348	.0003148	.000239	.0006556	.0080860	.000878
%RSD	21.20346	9.386012	1316.980	652.2075	84.97725	414.5004	16.89316
#1	-.140364	.0074795	-.000205	.000188	.0014892	-.007079	-.005979
#2	-.153487	.0062686	.000383	-.000011	.0002040	.004410	-.005357
#3	-.100062	.0065433	-.000106	-.000287	.0006213	.008521	-.004247

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: CCB01 Acquired: 3/18/2025 11:13:21 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	-.000022	-.002888	.0000963
Stddev	.003407	.000168	.0000773
%RSD	15409.67	5.831105	80.20996
#1	-.001050	-.002980	.0001841
#2	.003781	-.002693	.0000665
#3	-.002797	-.002990	.0000384

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2823.469	71172.44	14415.20	2142.167	4997.433
Stddev	3.145	328.48	55.65	7.233	7.325
%RSD	.1113911	.4615227	.3860206	.3376262	.1465827
#1	2825.808	71507.08	14369.84	2150.456	5005.214
#2	2819.894	70850.50	14398.45	2138.906	4996.415
#3	2824.705	71159.75	14477.29	2137.140	4990.670

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: PB167145BL Acquired: 3/18/2025 11:18:32 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	-.000434	-.003651	-.000017	-.003143	.0017379	.0052351	-.000510
Stddev	.000721	.000296	.000524	.002753	.0014291	.0039227	.000881
%RSD	166.2145	8.114937	3111.900	87.58426	82.23263	74.93118	172.8685
#1	-.000234	-.003444	.000236	-.004319	.0005257	.0010529	-.000817
#2	-.001234	-.003991	-.000619	-.005113	.0013743	.0058196	.000484
#3	.000167	-.003520	.000332	.000002	.0033137	.0088327	-.001196

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000871	-.000033	-.006849	.0001691	.0000582	.0000339	.0011187
Stddev	.0000261	.000035	.006936	.0002465	.0001740	.0002832	.0027536
%RSD	29.97428	104.9900	101.2595	145.8124	299.0392	835.6633	246.1295
#1	.0000873	-.000004	-.014798	.0001939	.0002392	.0000683	.0011003
#2	.0000609	-.000024	-.002029	-.000089	-.000108	-.000265	.0038815
#3	.0001131	-.000071	-.003721	.000402	.000043	.000298	-.001626

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001168	-.000174	.0000914	.0006049	-.029421	-.002365	.0003257
Stddev	.000089	.012600	.0001759	.0002298	.004659	.001149	.0001941
%RSD	7.599946	7227.309	192.4000	37.99125	15.83466	48.58025	59.59280
#1	-.001158	-.005235	.0000262	.0008148	-.034760	-.001082	.0003508
#2	-.001260	-.009457	.0002906	.0003594	-.026177	-.003298	.0001203
#3	-.001084	.014169	-.000043	.0006406	-.027327	-.002715	.0005061

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.138411	-.000998	-.000082	.0000526	.0009698	-.001351	-.004307
Stddev	.035593	.000791	.000150	.0001030	.0002589	.001317	.001456
%RSD	25.71532	79.23826	182.2866	195.6418	26.69833	97.54074	33.80218
#1	-.156341	-.000085	.000033	.0001006	.0008142	-.002542	-.004380
#2	-.161474	-.001455	-.000028	-.000066	.0008266	-.001574	-.005725
#3	-.097419	-.001453	-.000252	.000123	.0012687	.000064	-.002816

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: PB167145BL Acquired: 3/18/2025 11:18:32 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	.0010355	-.002975	.0000614
Stddev	.0029676	.000568	.0000384
%RSD	286.5797	19.08109	62.54759
#1	-.000368	-.002330	.0000463
#2	-.000970	-.003398	.0000328
#3	.004445	-.003197	.0001050

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2804.890	69251.54	14676.79	2104.175	4923.926
Stddev	3.733	252.19	54.20	18.168	7.169
%RSD	.1330717	.3641595	.3692864	.8634327	.1455994
#1	2804.163	69393.70	14735.81	2114.852	4916.120
#2	2801.574	68960.37	14665.33	2083.198	4930.216
#3	2808.932	69400.56	14629.24	2114.476	4925.441

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: PB167145BS Acquired: 3/18/2025 11:22:51 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	.7493569	1.926047	.9236297	1.885957	.7787816	1.841725
Stddev	.0019616	.011268	.0029117	.001785	.0005920	.011679
%RSD	.2617739	.5850349	.3152503	.0946545	.0760109	.6341159
#1	.7489671	1.937451	.9211097	1.884281	.7791065	1.837936
#2	.7476194	1.914920	.9229622	1.887835	.7780984	1.854828
#3	.7514842	1.925771	.9268172	1.885756	.7791401	1.832412

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1760547	.1830787	.1842731	.8998439	.3989563	.1856533
Stddev	.0008217	.0009266	.0002710	.0113207	.0002457	.0003800
%RSD	.4667065	.5061390	.1470632	1.258080	.0615772	.2046682
#1	.1751842	.1822672	.1842161	.9117957	.3986727	.1853251
#2	.1761630	.1828806	.1840351	.8892826	.3991026	.1855651
#3	.1768168	.1840884	.1845681	.8984534	.3990936	.1860696

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2931766	2.823576	.1769597	1.792607	.4659495	.0738144
Stddev	.0013409	.012016	.0004026	.005473	.0012790	.0007085
%RSD	.4573538	.4255422	.2274943	.3053158	.2744860	.9598478
#1	.2919803	2.837439	.1766747	1.794626	.4656207	.0745414
#2	.2929235	2.816165	.1767842	1.796784	.4648670	.0737761
#3	.2946260	2.817124	.1774203	1.786412	.4673607	.0731259

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.850688	.2721289	.2011529	8.982375	.2590976	.3863689
Stddev	.009395	.0013877	.0004630	.028890	.0019226	.0012180
%RSD	.3295584	.5099409	.2301524	.3216334	.7420370	.3152382
#1	2.852824	.2705305	.2006489	9.015373	.2582680	.3866173
#2	2.858831	.2728301	.2015592	8.961631	.2577290	.3850459
#3	2.840409	.2730261	.2012507	8.970122	.2612957	.3874436

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: PB167145BS Acquired: 3/18/2025 11:22:51 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	.6598068	.1794803	.7790175	5.574074	F -.008055	.1765088
Stddev	.0013698	.0007537	.0022757	.008488	.004099	.0006257
%RSD	.2076129	.4199269	.2921184	.1522745	50.89166	.3544964
#1	.6601474	.1799124	.7796696	5.576406	-.009357	.1757984
#2	.6582988	.1786100	.7808958	5.564664	-.011346	.1767501
#3	.6609742	.1799184	.7764869	5.581152	-.003463	.1769780

Elem	Sr4077
Units	ppm
Avg	.1737454
Stddev	.0005802
%RSD	.3339172
#1	.1736981
#2	.1731903
#3	.1743477

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2792.754	68321.70	14430.09	2103.492	4833.370
Stddev	8.115	88.00	63.24	12.187	9.671
%RSD	.2905682	.1288021	.4382209	.5793621	.2000968
#1	2798.343	68254.77	14484.53	2091.889	4837.457
#2	2796.473	68288.96	14445.02	2102.399	4840.326
#3	2783.446	68421.38	14360.73	2116.189	4822.326

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: PB167150BL Acquired: 3/18/2025 11:27:58 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	-.000584	-.002685	-.000059	-.001826	.0017910	.0060485	.0002701
Stddev	.002008	.001399	.001042	.001309	.0012428	.0015228	.0005015
%RSD	343.8729	52.09493	1757.759	71.64600	69.38899	25.17671	185.6509
#1	-.000472	-.001119	.001049	-.001456	.0003921	.0048993	.0000788
#2	.001366	-.003811	-.000209	-.000743	.0027674	.0054705	-.000108
#3	-.002646	-.003125	-.001018	-.003280	.0022135	.0077756	.000839

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001102	.0000245	-.000133	.0002001	.0002151	.0001038	.0016232
Stddev	.0000414	.0000770	.007037	.0002364	.0002672	.0001977	.0032746
%RSD	37.54710	314.5347	5292.776	118.1364	124.2286	190.4600	201.7356
#1	.0001205	.0000864	.007437	.0002865	.0005229	-.000123	-.001998
#2	.0000647	-.000062	-.006475	-.000067	.0000790	.000193	.004377
#3	.0001455	.000049	-.001361	.000381	.0000433	.000241	.002490

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000841	.0043866	.0001203	.0002725	-.049769	-.001394	-.000148
Stddev	.000269	.0036609	.0001118	.0006378	.014733	.002435	.000298
%RSD	32.00671	83.45605	92.93292	234.0577	29.60353	174.6741	201.8009
#1	-.001137	.0028095	.0000007	-.000277	-.064989	.001349	-.000467
#2	-.000776	.0085718	.0002222	.000123	-.048742	-.003303	.000124
#3	-.000611	.0017786	.0001379	.000972	-.035576	-.002228	-.000101

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.152218	-.004340	.0000218	-.000303	.0005308	-.005212	-.004665
Stddev	.013846	.000331	.0001001	.000424	.0004829	.000440	.002031
%RSD	9.095954	7.615493	459.1322	139.8585	90.97633	8.444992	43.53727
#1	-.136301	-.003989	.0001300	-.000582	.0010187	-.005709	-.003585
#2	-.161475	-.004387	-.000067	.000185	.0005207	-.004871	-.003403
#3	-.158878	-.004645	.000003	-.000512	.0000531	-.005056	-.007008

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: PB167150BL Acquired: 3/18/2025 11:27:58 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	.0014619	-.003725	-.000026
Stddev	.0017178	.000994	.000033
%RSD	117.5021	26.68826	126.1774
#1	.0023870	-.002601	-.000058
#2	-.000520	-.004086	.000008
#3	.002519	-.004489	-.000028

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2789.682	69151.02	13950.06	2117.525	4926.012
Stddev	6.529	257.72	18.42	6.734	6.282
%RSD	.2340522	.3726915	.1320376	.3180191	.1275264
#1	2783.040	69444.01	13967.16	2123.865	4924.250
#2	2796.092	69049.67	13952.46	2118.254	4932.986
#3	2789.916	68959.38	13930.56	2110.456	4920.798

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: PB167150BS Acquired: 3/18/2025 11:32:17 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	.7654910	1.976388	.9402887	1.936572	.7911160	1.870471
Stddev	.0036445	.007110	.0045636	.006667	.0037610	.010700
%RSD	.4761044	.3597250	.4853381	.3442658	.4754069	.5720597
#1	.7626264	1.972459	.9392938	1.939938	.7887354	1.858904
#2	.7642535	1.984595	.9363046	1.928893	.7891608	1.872493
#3	.7695932	1.972110	.9452676	1.940884	.7954519	1.880016

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1764853	.1853630	.1877645	.9129152	.4058356	.1889845
Stddev	.0006641	.0005187	.0004104	.0093321	.0011381	.0002399
%RSD	.3763052	.2798218	.2185692	1.022227	.2804384	.1269534
#1	.1770947	.1857208	.1877098	.9120101	.4059347	.1887076
#2	.1757775	.1847681	.1873842	.9040687	.4046511	.1891289
#3	.1765837	.1856000	.1881995	.9226669	.4069209	.1891170

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2984287	2.857363	.1788467	1.818217	.4737414	.0750149
Stddev	.0019578	.022253	.0002780	.013124	.0013526	.0000225
%RSD	.6560325	.7787979	.1554616	.7218093	.2855181	.0299751
#1	.2981523	2.851227	.1788157	1.830823	.4731959	.0750010
#2	.2966238	2.882040	.1791389	1.819198	.4727467	.0750408
#3	.3005100	2.838821	.1785855	1.804629	.4752816	.0750028

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.912929	.2734203	.2051889	9.122460	.2589967	.3916198
Stddev	.013965	.0028555	.0007336	.040608	.0019251	.0012002
%RSD	.4794274	1.044375	.3575151	.4451421	.7432816	.3064780
#1	2.897622	.2725315	.2058761	9.076397	.2604348	.3906060
#2	2.924976	.2766145	.2044164	9.153085	.2568097	.3913084
#3	2.916189	.2711149	.2052743	9.137898	.2597455	.3929451

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: PB167150BS Acquired: 3/18/2025 11:32:17 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	.6704797	.1808725	.7915710	5.708575	F -.008427	.1774814
Stddev	.0015671	.0004970	.0035537	.022992	.002236	.0008810
%RSD	.2337334	.2748045	.4489466	.4027615	26.52650	.4963795
#1	.6703308	.1803648	.7954700	5.709767	-.010757	.1764878
#2	.6689923	.1813581	.7907292	5.685010	-.006299	.1781672
#3	.6721159	.1808946	.7885136	5.730948	-.008226	.1777891

Elem	Sr4077
Units	ppm
Avg	.1751577
Stddev	.0003228
%RSD	.1842624
#1	.1748727
#2	.1750921
#3	.1755082

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2770.940	67826.86	14413.51	2059.561	4793.782
Stddev	9.018	56.84	43.82	8.654	11.016
%RSD	.3254625	.0838016	.3040234	.4201726	.2297957
#1	2778.478	67884.50	14396.67	2058.960	4802.283
#2	2773.395	67825.22	14463.25	2068.500	4797.726
#3	2760.949	67770.85	14380.61	2051.224	4781.337

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1569-05 Acquired: 3/18/2025 11:36:20 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	-.002533	-.008691	.0023555	-.000259	.0017953	.0844967	.1740311
Stddev	.002274	.001001	.0015931	.001350	.0013002	.0034260	.0014241
%RSD	89.75151	11.52043	67.63270	520.2434	72.41990	4.054620	.8183052
#1	-.003348	-.007647	.0031070	-.001747	.0029626	.0842260	.1738405
#2	-.004288	-.009644	.0005257	.000889	.0020294	.0880501	.1755409
#3	.000036	-.008781	.0034338	.000079	.0003940	.0812141	.1727119

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004734	.0000806	42.89940	.0009302	.0016524	.0128169	.7790965
Stddev	.0000518	.0000470	.10896	.0004377	.0002247	.0005410	.0039301
%RSD	10.93690	58.36942	.2539828	47.06159	13.59984	4.220585	.5044406
#1	.0004167	.0000960	43.02386	.0004488	.0018854	.0123328	.7760246
#2	.0004855	.0001180	42.82125	.0010374	.0014370	.0127171	.7835252
#3	.0005181	.0000278	42.85309	.0013043	.0016348	.0134008	.7777396

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1480331	3.660648	.0053147	-.000002	322.8064	-.000240	.1058314
Stddev	.0011281	.011749	.0001631	.000287	4.0267	.001719	.0007519
%RSD	.7620465	.3209550	3.069099	13127.37	1.247419	716.7930	.7104969
#1	.1487301	3.673092	.0053176	-.000209	324.3571	-.000217	.1052254
#2	.1467316	3.659108	.0051502	-.000123	325.8272	-.001970	.1055959
#3	.1486376	3.649746	.0054763	.000326	318.2348	.001467	.1066729

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7031550	.0244928	.0004731	-.002861	.0004666	3.179552	.0028913
Stddev	.0329446	.0010136	.0001067	.001261	.0000655	.011351	.0021621
%RSD	4.685261	4.138132	22.55547	44.09350	14.03653	.3569851	74.77825
#1	.7073966	.0248920	.0005638	-.003320	.0004127	3.189874	.0051655
#2	.7337735	.0252460	.0004999	-.003828	.0004476	3.167396	.0026462
#3	.6682951	.0233405	.0003555	-.001434	.0005395	3.181384	.0008622

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1569-05 Acquired: 3/18/2025 11:36:20 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	.9365565	-.007695	.1032632
Stddev	.0066695	.001437	.0001199
%RSD	.7121257	18.67366	.1161215
#1	.9299571	-.009050	.1032939
#2	.9432938	-.006188	.1031309
#3	.9364185	-.007848	.1033647

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2605.333	64231.59	14445.67	1935.425	4299.249
Stddev	5.112	96.37	47.35	.946	8.834
%RSD	.1962073	.1500293	.3277919	.0488839	.2054869
#1	2609.729	64128.17	14395.62	1934.676	4309.329
#2	2606.547	64247.75	14451.63	1935.112	4292.851
#3	2599.724	64318.86	14489.76	1936.488	4295.567

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1569-02 Acquired: 3/18/2025 11:40:46 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	-.003528	-.006316	.0021991	.0024134	.0026249	.1070797	.1398436
Stddev	.001394	.000420	.0008564	.0026057	.0005047	.0080773	.0007959
%RSD	39.49910	6.651764	38.94525	107.9654	19.22609	7.543257	.5691083
#1	-.002004	-.006267	.0013309	.0035885	.0028012	.0980615	.1392564
#2	-.004737	-.005922	.0030432	-.000573	.0030179	.1136496	.1395250
#3	-.003844	-.006758	.0022231	.004225	.0020558	.1095279	.1407494

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001868	-.000009	10.94513	.0018994	.0031244	.0138102	.2936482
Stddev	.0000239	.000034	.04655	.0003214	.0002272	.0002901	.0040865
%RSD	12.79899	380.4787	.4253340	16.92061	7.270481	2.100487	1.391634
#1	.0002145	-.000046	10.92875	.0017889	.0032563	.0139088	.2898779
#2	.0001738	-.000002	10.90899	.0022615	.0028621	.0140381	.2979906
#3	.0001723	.000021	10.99767	.0016479	.0032548	.0134837	.2930760

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1821115	1.429843	.0035098	.0003774	309.7629	-.001521	.0523639
Stddev	.0009182	.008868	.0002535	.0003122	2.1404	.000655	.0004391
%RSD	.5041832	.6202272	7.221979	82.73247	.6909826	43.05467	.8385871
#1	.1814289	1.437808	.0036674	.0000264	307.8167	-.001546	.0523398
#2	.1817503	1.420287	.0032174	.0004817	312.0553	-.002162	.0528146
#3	.1831554	1.431434	.0036445	.0006240	309.4168	-.000854	.0519373

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3483110	.0127017	.0004538	-.001954	.0010980	.6869499	.0053619
Stddev	.0198957	.0006334	.0001802	.000846	.0002958	.0123568	.0019190
%RSD	5.712039	4.987062	39.70692	43.31402	26.94250	1.798797	35.78916
#1	.3689294	.0129630	.0006450	-.000983	.0010017	.6862326	.0060759
#2	.3467765	.0119794	.0004292	-.002346	.0014301	.6996498	.0068216
#3	.3292270	.0131627	.0002871	-.002533	.0008624	.6749674	.0031883

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1569-02 Acquired: 3/18/2025 11:40:46 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	.2024821	-.006273	.0291943
Stddev	.0031165	.000138	.0001194
%RSD	1.539165	2.203244	.4089671
#1	.2035208	-.006352	.0290607
#2	.2049467	-.006355	.0292315
#3	.1989789	-.006114	.0292906

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2641.768	66046.35	14738.83	1969.913	4359.261
Stddev	5.146	173.88	86.10	14.238	8.611
%RSD	.1947885	.2632701	.5841625	.7227628	.1975333
#1	2636.636	65849.04	14751.92	1954.196	4350.238
#2	2641.740	66177.18	14817.63	1981.948	4360.155
#3	2646.928	66112.84	14646.93	1973.595	4367.390

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1574-02 Acquired: 3/18/2025 11:45:12 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	.0116421	-.007125	.9379895	-.000787	.0067402	.3606565
Stddev	.0007583	.002686	.0026834	.003808	.0004282	.0057424
%RSD	6.513765	37.69646	.2860784	483.7269	6.352267	1.592200
#1	.0124978	-.004286	.9403194	-.000751	.0062473	.3543206
#2	.0110533	-.009625	.9350556	.003002	.0070201	.3655177
#3	.0113753	-.007463	.9385936	-.004613	.0069531	.3621311

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2361193	.0006242	.0351517	48.32395	.0021639	.0163135
Stddev	.0014754	.0000133	.0001853	.29479	.0004219	.0002033
%RSD	.6248402	2.136280	.5270546	.6100197	19.49690	1.246424
#1	.2348743	.0006347	.0352025	48.02039	.0018754	.0161038
#2	.2357347	.0006092	.0349463	48.34238	.0026481	.0163270
#3	.2377489	.0006287	.0353062	48.60910	.0019682	.0165098

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.611679	.8413896	.6612012	2.452579	.5054514	.0003688
Stddev	.006980	.0028690	.0054491	.017959	.0005630	.0001493
%RSD	.1055703	.3409816	.8241175	.7322664	.1113828	40.47923
#1	6.603693	.8445959	.6575378	2.457189	.5058483	.0002070
#2	6.614729	.8405081	.6586026	2.467783	.5056989	.0005013
#3	6.616614	.8390647	.6674631	2.432763	.5048071	.0003981

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	353.3684	-.000323	F 37.78545	2.512439	.2942761	-.009094
Stddev	.9012	.001364	.18738	.025867	.0012598	.000234
%RSD	.2550423	422.5932	.4959033	1.029565	.4280888	2.574062
#1	354.3744	-.001078	37.95115	2.541673	.2928782	-.009300
#2	352.6347	-.001142	37.58210	2.492518	.2946267	-.008839
#3	353.0963	.001252	37.82308	2.503125	.2953234	-.009142

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1574-02 Acquired: 3/18/2025 11:45:12 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	-.002916	-.000668	1.978232	.0386613	5.566425	-.007044
Stddev	.000367	.000330	.013163	.0034885	.015241	.000349
%RSD	12.57156	49.35409	.6653915	9.023248	.2737979	4.961300
#1	-.003112	-.000511	1.987503	.0379957	5.566249	-.006667
#2	-.003142	-.000447	1.984027	.0355536	5.551272	-.007357
#3	-.002493	-.001047	1.963166	.0424347	5.581752	-.007106

Elem	Sr4077
Units	ppm
Avg	.2668469
Stddev	.0011632
%RSD	.4359222
#1	.2659344
#2	.2664495
#3	.2681568

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2601.746	64152.26	14553.76	1931.857	4312.239
Stddev	.957	186.67	71.13	8.985	8.021
%RSD	.0367707	.2909826	.4887629	.4651173	.1860149
#1	2602.703	64129.67	14635.19	1935.641	4304.226
#2	2601.744	63977.91	14522.40	1938.332	4320.268
#3	2600.790	64349.20	14503.70	1921.599	4312.222

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1574-01 Acquired: 3/18/2025 11:49:38 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	2.553678	.1741920	36.39314	F -1.54230	.5463247	178.7163
Stddev	.010776	.0060937	.07620	.02018	.0059106	.3327
%RSD	.4219643	3.498256	.2093840	1.308173	1.081888	.1861550
#1	2.565850	.1769827	36.32971	-1.55194	.5429594	179.0596
#2	2.545360	.1672027	36.37205	-1.55584	.5531495	178.3954
#3	2.549822	.1783905	36.47767	-1.51911	.5428652	178.6937

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.089946	.0361048	.3167469	173.1552	F 2.182860	.9085908
Stddev	.050199	.0003817	.0019939	.5795	.007868	.0022625
%RSD	.8242887	1.057111	.6294767	.3346494	.3604393	.2490116
#1	6.130557	.0363272	.3155035	173.3291	2.191656	.9060062
#2	6.105459	.0356641	.3156906	172.5087	2.176494	.9102131
#3	6.033822	.0363231	.3190467	173.6278	2.180429	.9095531

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1483.852	F 2276.560	11.21601	65.93144	32.53269	^ *****
Stddev	3.448	4.870	.02979	.42894	.04348	-----
%RSD	.2323562	.2139403	.2655647	.6505912	.1336558	-----
#1	1481.652	2281.116	11.22109	66.27348	32.49102	^ -----
#2	1487.825	2277.136	11.18401	65.45018	32.52926	^ -----
#3	1482.077	2271.427	11.24293	66.07066	32.57778	^ -----

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.58332	.7569241	F 57.10096	16.81427	^ *****	.6125020
Stddev	.06929	.0010984	.35536	.06169	-----	.0021986
%RSD	.3538461	.1451208	.6223314	.3669086	-----	.3589502
#1	19.60431	.7574896	57.51118	16.77194	^ -----	.6130271
#2	19.63968	.7556581	56.88760	16.88506	^ -----	.6143905
#3	19.50595	.7576246	56.90410	16.78582	^ -----	.6100885

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1574-01 Acquired: 3/18/2025 11:49:38 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	5.614797	4.462341	9.277380	F 25.50735	F 96.80716	.9921943
Stddev	.011717	.007396	.027283	.03138	.17311	.0022394
%RSD	.2086781	.1657351	.2940797	.1230242	.1788222	.2257041
#1	5.603531	4.462112	9.299460	25.53029	96.61401	.9936808
#2	5.613942	4.455063	9.285801	25.47159	96.85912	.9932834
#3	5.626918	4.469849	9.246880	25.52016	96.94833	.9896186

Elem	Sr4077
Units	ppm
Avg	-.833709
Stddev	.019278
%RSD	2.312262
#1	-.837265
#2	-.850960
#3	-.812901

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1103.480	66289.74	15491.73	1680.202	3606.478
Stddev	1.968	109.29	71.65	3.455	7.409
%RSD	.1783171	.1648688	.4624952	.2056270	.2054442
#1	1101.508	66166.58	15444.30	1676.642	3614.386
#2	1103.488	66327.47	15574.15	1683.542	3605.352
#3	1105.444	66375.16	15456.74	1680.422	3599.696

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1569-04 Acquired: 3/18/2025 11:54:26 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	.0269174	-.000761	.0995706	-.018694	-.001484	19.82056
Stddev	.0015724	.003898	.0006641	.001989	.000781	.03985
%RSD	5.841701	512.4402	.6669998	10.64212	52.58457	.2010510
#1	.0267072	-.005005	.1003248	-.017464	-.001591	19.84094
#2	.0254607	.002659	.0993141	-.020989	-.002206	19.84611
#3	.0285844	.000064	.0990731	-.017628	-.000656	19.77465

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1583190	.0066378	-.006463	82.38378	.1654561	.0458908
Stddev	.0008396	.0000075	.000081	.15128	.0007795	.0003665
%RSD	.5303449	.1124465	1.251646	.1836231	.4710918	.7985522
#1	.1584831	.0066348	-.006551	82.52019	.1646755	.0456995
#2	.1590644	.0066323	-.006446	82.41006	.1662343	.0463134
#3	.1574094	.0066463	-.006392	82.22108	.1654585	.0456597

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1605398	139.8479	.5331717	9.073230	.0976560	-.000358
Stddev	.0007042	.1487	.0011334	.014374	.0002843	.000472
%RSD	.4386246	.1063124	.2125710	.1584228	.2910722	132.1005
#1	.1612338	139.8850	.5334472	9.088691	.0975850	.000148
#2	.1605596	139.9744	.5341420	9.060272	.0979690	-.000434
#3	.1598259	139.6841	.5319260	9.070726	.0974140	-.000788

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7379653	.2450270	.2965580	3.467446	-.344900	.0126212
Stddev	.0082385	.0014653	.0024062	.013789	.001326	.0001331
%RSD	1.116378	.5980190	.8113795	.3976783	.3844915	1.054678
#1	.7409477	.2437748	.2940209	3.472926	-.343431	.0124991
#2	.7286509	.2466385	.2968457	3.451759	-.345262	.0127631
#3	.7442971	.2446676	.2988074	3.477653	-.346008	.0126013

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1569-04 Acquired: 3/18/2025 11:54:26 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	.0048422	1.103633	F 10.50732	1.339358	3.458129	.0537769
Stddev	.0004289	.003249	.05273	.002097	.006225	.0004374
%RSD	8.857034	.2944167	.5018072	.1565624	.1800089	.8133276
#1	.0043532	1.106477	10.48402	1.341515	3.462401	.0539575
#2	.0050186	1.104331	10.56769	1.337327	3.460999	.0532781
#3	.0051547	1.100091	10.47027	1.339230	3.450987	.0540951

Elem	Sr4077
Units	ppm
Avg	.0485025
Stddev	.0004427
%RSD	.9126679
#1	.0489490
#2	.0484948
#3	.0480638

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2949.270	72146.56	15922.44	2153.181	4594.274
Stddev	5.710	67.32	8.10	7.362	6.636
%RSD	.1936105	.0933110	.0508667	.3418949	.1444314
#1	2955.855	72217.00	15921.71	2161.569	4601.198
#2	2946.263	72082.87	15930.88	2150.176	4587.970
#3	2945.691	72139.81	15914.73	2147.797	4593.654

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1581-01 Acquired: 3/18/2025 11:58:35 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	.1111075	.0051972	.4087178	-.032147	-.003523	83.35893
Stddev	.0020867	.0036096	.0013373	.000713	.001629	.11867
%RSD	1.878089	69.45187	.3271830	2.217658	46.23165	.1423573
#1	.1119954	.0031561	.4071852	-.032259	-.005168	83.46680
#2	.1126034	.0030706	.4096473	-.031384	-.003492	83.37817
#3	.1087237	.0093649	.4093208	-.032797	-.001910	83.23181

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4064410	.0080618	-.010488	114.0194	.4114765	.0557840
Stddev	.0009701	.0000231	.000490	.1881	.0041786	.0007118
%RSD	.2386925	.2866548	4.673069	.1649699	1.015515	1.276056
#1	.4074455	.0080879	-.011016	114.2365	.4162575	.0551041
#2	.4055093	.0080540	-.010402	113.9167	.4096490	.0557239
#3	.4063682	.0080437	-.010047	113.9050	.4085229	.0565240

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2893353	240.3253	.9506347	60.77425	.0955195	-.000585
Stddev	.0009737	2.1496	.0036699	.23608	.0003601	.000080
%RSD	.3365419	.8944381	.3860512	.3884563	.3769851	13.68879
#1	.2886110	242.7912	.9548669	61.04190	.0951218	-.000602
#2	.2889526	239.3376	.9483327	60.68523	.0958235	-.000498
#3	.2904422	238.8472	.9487044	60.59561	.0956132	-.000655

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.646530	.3427977	.6235675	16.09466	-.528290	.0050551
Stddev	.043451	.0010053	.0026412	.14024	.004244	.0002849
%RSD	.7695119	.2932655	.4235626	.8713718	.8032567	5.635621
#1	5.696698	.3437037	.6265965	16.25659	-.524604	.0048888
#2	5.620883	.3417162	.6217447	16.01175	-.527336	.0048923
#3	5.622008	.3429731	.6223614	16.01565	-.532929	.0053840

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1581-01 Acquired: 3/18/2025 11:58:35 Type: Unk
Method: NON EPA-6010-200.7(v2817) 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	.0136257	1.855170	F 11.70028	6.170015	2.114762	.1400903
Stddev	.0003731	.001916	.05211	.017720	.006796	.0006830
%RSD	2.738266	.1032803	.4453903	.2871961	.3213807	.4875151
#1	.0134355	1.855826	11.75981	6.169051	2.112243	.1402103
#2	.0140556	1.856673	11.67808	6.152797	2.109585	.1393553
#3	.0133860	1.853013	11.66293	6.188198	2.122458	.1407053

Elem	Sr4077
Units	ppm
Avg	-.036255
Stddev	.001398
%RSD	3.856488
#1	-.037854
#2	-.035652
#3	-.035260

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2777.570	68377.18	15592.24	2026.652	4292.451
Stddev	8.494	534.71	29.54	9.839	8.198
%RSD	.3058030	.7819988	.1894732	.4854800	.1909763
#1	2780.197	67764.72	15570.48	2015.369	4295.508
#2	2784.440	68751.10	15625.88	2033.448	4298.681
#3	2768.073	68615.72	15580.38	2031.138	4283.164

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: CCV02 Acquired: 3/18/2025 12:08:39 Type: Unk
Method: NON EPA-6010-200.7(v2817) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.892957	5.044172	4.881643	4.859586	4.936008	9.697651
Stddev	.008664	.016512	.002972	.001767	.008149	.013826
%RSD	.1770651	.3273461	.0608860	.0363618	.1650920	.1425727
#1	4.888545	5.063043	4.878721	4.861617	4.932337	9.686440
#2	4.887387	5.032381	4.884663	4.858738	4.930340	9.693413
#3	4.902938	5.037092	4.881544	4.858403	4.945346	9.713100

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.166794	.2366327	2.411119	23.86149	1.017799	2.399324
Stddev	.108345	.0003244	.001370	.12215	.001285	.003175
%RSD	1.181933	.1370706	.0568248	.5119058	.1262181	.1323137
#1	9.276832	.2364227	2.412089	23.75752	1.018581	2.398303
#2	9.060224	.2364691	2.409552	23.83094	1.016316	2.396785
#3	9.163327	.2370063	2.411717	23.99602	1.018499	2.402883

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.213896	4.691087	2.263390	23.64503	2.389880	1.235905
Stddev	.001953	.029906	.010148	.07141	.003959	.002115
%RSD	.1608710	.6375012	.4483338	.3020079	.1656550	.1711132
#1	1.212571	4.669905	2.256468	23.60954	2.390008	1.238091
#2	1.212980	4.678059	2.258665	23.59832	2.385858	1.235752
#3	1.216139	4.725297	2.275039	23.72723	2.393773	1.233870

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.46140	2.378017	2.285000	23.37487	4.708936	4.909299
Stddev	.05919	.007351	.005227	.05378	.001901	.008672
%RSD	.2419859	.3091318	.2287595	.2300599	.0403694	.1766433
#1	24.44837	2.369900	2.291031	23.31353	4.707809	4.899464
#2	24.40980	2.384226	2.282208	23.39717	4.707869	4.912586
#3	24.52602	2.379924	2.281762	23.41391	4.711131	4.915846

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: CCV02 Acquired: 3/18/2025 12:08:39 Type: Unk
Method: NON EPA-6010-200.7(v2817) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.870305	4.636961	5.071544	4.950870	4.735012	F 4.491133
Stddev	.002643	.016965	.024058	.015603	.009599	.015555
%RSD	.0542661	.3658636	.4743674	.3151502	.2027155	.3463460
#1	4.871009	4.624352	5.062697	4.936328	4.725406	4.478304
#2	4.867382	4.630282	5.053163	4.948932	4.735029	4.486662
#3	4.872525	4.656249	5.098773	4.967352	4.744603	4.508434

Elem	Sr4077
Units	ppm
Avg	4.605007
Stddev	.023729
%RSD	.5152838
#1	4.616990
#2	4.577676
#3	4.620355

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2732.648	67852.02	13898.47	2026.952	4555.615
Stddev	5.064	55.33	31.43	4.659	5.148
%RSD	.1853107	.0815481	.2261149	.2298440	.1130138
#1	2738.239	67915.86	13930.00	2028.494	4557.412
#2	2731.336	67822.37	13898.28	2021.718	4559.624
#3	2728.370	67817.83	13867.14	2030.644	4549.809

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: CCB02 Acquired: 3/18/2025 12:17:51 Type: Unk
Method: NON EPA-6010-200.7(v2818) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000059	-.002436	.0002255	-.001641	.0023658	.0027602	-.005030
Stddev	.0022308	.001232	.0008697	.002117	.0021548	.0044264	.002176
%RSD	37938.41	50.57123	385.7048	129.0127	91.07937	160.3646	43.26340
#1	-.002543	-.003859	-.000778	-.001298	-.000038	.0021851	-.002545
#2	.001601	-.001739	.000698	-.003909	.004124	-.001351	-.005948
#3	.000959	-.001710	.000757	.000283	.003012	.007446	-.006597

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001082	.0000421	-.003347	.0002099	-.000022	.0004867	.0006196
Stddev	.0000241	.0000331	.004383	.0002697	.000119	.0001733	.0022563
%RSD	22.30490	78.72575	130.9750	128.4841	527.0979	35.60706	364.1656
#1	.0001358	.0000711	-.000386	.0003314	.000039	.0006861	.0030985
#2	.0000980	.0000060	-.001272	-.000099	-.000159	.0004021	.0000746
#3	.0000908	.0000491	-.008382	.000397	.000052	.0003720	-.001314

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000808	.0004187	.0002448	.0003803	-.002520	-.000176	.0003416
Stddev	.000147	.0032103	.0000445	.0001245	.010338	.000212	.0001799
%RSD	18.20816	766.7057	18.19177	32.74843	410.2944	120.6569	52.64800
#1	-.000801	.0037044	.0002961	.0004572	.009417	-.000388	.0005058
#2	-.000959	.0002622	.0002226	.0004472	-.008568	-.000177	.0003696
#3	-.000665	-.002710	.0002158	.0002366	-.008408	.000037	.0001494

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.026548	.0068452	.0002561	.0001172	.0005240	.0028008	-.006220
Stddev	.007273	.0004460	.0001356	.0006599	.0001396	.0076523	.000595
%RSD	27.39662	6.515972	52.95883	563.2244	26.64041	273.2181	9.562730
#1	-.034031	.0067116	.0002294	-.000644	.0006821	-.000230	-.005549
#2	-.026107	.0073428	.0001358	.000524	.0004720	.011504	-.006683
#3	-.019505	.0064813	.0004031	.000472	.0004178	-.002872	-.006429

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: CCB02 Acquired: 3/18/2025 12:17:51 Type: Unk
Method: NON EPA-6010-200.7(v2818) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002210	-.001946	.0006444
Stddev	.0015201	.000308	.0010499
%RSD	687.8460	15.80622	162.9373
#1	.0001209	-.001609	.0018567
#2	-.001247	-.002017	.0000500
#3	.001789	-.002212	.0000264

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2813.302	68110.03	14676.85	2036.846	4976.192
Stddev	3.398	174.02	50.35	13.783	4.055
%RSD	.1207694	.2555041	.3430691	.6767056	.0814921
#1	2809.393	68040.07	14703.49	2028.799	4979.718
#2	2814.975	68308.14	14618.77	2052.761	4971.761
#3	2815.540	67981.86	14708.28	2028.977	4977.099

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1581-01DUP Acquired: 3/18/2025 12:22:10 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	.1111388	.0045084	.4117665	-.036684	-.006371	83.87396
Stddev	.0005897	.0043384	.0014160	.000922	.002893	.15863
%RSD	.5305594	96.22894	.3438830	2.512730	45.41335	.1891317
#1	.1106916	.0092770	.4103216	-.036113	-.003077	83.79917
#2	.1109179	.0034536	.4118261	-.037747	-.007537	84.05616
#3	.1118071	.0007947	.4131517	-.036191	-.008500	83.76655

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4299783	.0079742	-.010027	114.2452	.4138610	.0560561
Stddev	.0003503	.0000768	.000240	.1472	.0014219	.0000549
%RSD	.0814659	.9632159	2.393143	.1288061	.3435677	.0979427
#1	.4302944	.0079101	-.010263	114.4134	.4153811	.0560785
#2	.4300388	.0080593	-.010035	114.1823	.4125635	.0560964
#3	.4296017	.0079533	-.009783	114.1400	.4136385	.0559936

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2859321	240.0403	1.019506	60.54314	.0965547	-.000654
Stddev	.0013761	1.0843	.001114	.10364	.0001353	.000717
%RSD	.4812559	.4517150	.1092524	.1711899	.1401710	109.7189
#1	.2845888	241.0726	1.019983	60.63012	.0964269	-.000048
#2	.2858686	238.9106	1.020301	60.57084	.0966965	-.001446
#3	.2873388	240.1376	1.018233	60.42846	.0965408	-.000467

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.640508	.3436136	.6412473	16.08051	-.530918	.0054775
Stddev	.012539	.0021369	.0024494	.03207	.002033	.0003459
%RSD	.2223045	.6218972	.3819786	.1994562	.3828328	6.315751
#1	5.643714	.3411627	.6431693	16.11713	-.528905	.0053838
#2	5.626676	.3445910	.6420832	16.05739	-.532969	.0058607
#3	5.651132	.3450870	.6384893	16.06702	-.530880	.0051881

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1581-01DUP Acquired: 3/18/2025 12:22:10 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	.0143653	1.869743	F 12.51494	6.303194	2.149620	.1396616
Stddev	.0008633	.002492	.01202	.026972	.018496	.0006096
%RSD	6.009906	.1332969	.0960270	.4279109	.8604330	.4364612
#1	.0135568	1.872617	12.52354	6.285549	2.136025	.1394626
#2	.0152746	1.868433	12.50121	6.289790	2.142153	.1391764
#3	.0142643	1.868179	12.52007	6.334242	2.170682	.1403458

Elem	Sr4077
Units	ppm
Avg	-.036380
Stddev	.001049
%RSD	2.883511
#1	-.037437
#2	-.035339
#3	-.036365

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2754.035	68483.64	15600.51	2023.027	4241.463
Stddev	5.042	290.95	38.07	11.865	13.386
%RSD	.1830609	.4248395	.2440129	.5864776	.3155896
#1	2759.088	68148.22	15564.08	2011.109	4255.932
#2	2754.014	68667.90	15597.40	2023.135	4238.936
#3	2749.005	68634.79	15640.03	2034.837	4229.521

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1581-01LX5 Acquired: 3/18/2025 12:26:16 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	.0231542	-.000146	.0824107	-.010178	-.000012	17.54008	.0877365
Stddev	.0009415	.001105	.0009753	.002982	.000963	.01515	.0005396
%RSD	4.066090	754.8485	1.183421	29.29967	8340.803	.0863471	.6150633
#1	.0225456	.000938	.0834790	-.006736	-.000538	17.55702	.0882971
#2	.0226783	-.000107	.0815680	-.011801	.001100	17.53538	.0872207
#3	.0242386	-.001270	.0821849	-.011996	-.000596	17.52785	.0876916

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018914	-.002912	24.53715	.0880925	.0111634	.0634951	50.14101
Stddev	.0000352	.000077	.02758	.0004741	.0000851	.0000759	.04903
%RSD	1.863136	2.643716	.1123921	.5382344	.7627102	.1194668	.0977744
#1	.0019308	-.002863	24.53627	.0884008	.0112616	.0635405	50.18656
#2	.0018808	-.003001	24.56517	.0875465	.0111161	.0635373	50.14735
#3	.0018627	-.002872	24.51003	.0883301	.0111123	.0634075	50.08913

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2264179	13.05859	.0201333	-.000095	1.098480	.0725519	.1310267
Stddev	.0011352	.02162	.0003345	.000155	.012092	.0016272	.0003015
%RSD	.5013934	.1655599	1.661516	163.5132	1.100768	2.242869	.2300991
#1	.2268394	13.04696	.0204462	-.000238	1.103332	.0720045	.1312612
#2	.2251322	13.08353	.0197807	.000069	1.084715	.0712689	.1311322
#3	.2272822	13.04528	.0201729	-.000115	1.107391	.0743823	.1306866

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.066347	-.115511	.0009397	.0008327	.3990108	2.439661	1.217243
Stddev	.021649	.000524	.0001694	.0004919	.0007297	.010114	.002870
%RSD	.7060212	.4539245	18.02676	59.07877	.1828771	.4145782	.2357810
#1	3.064013	-.115214	.0010725	.0003447	.3982996	2.445725	1.214905
#2	3.089068	-.115203	.0007489	.0008249	.3997577	2.445274	1.220446
#3	3.045959	-.116116	.0009975	.0013284	.3989751	2.427985	1.216378

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1581-01LX5 Acquired: 3/18/2025 12:26:16 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	.4039686	.0269367	-.006814
Stddev	.0020406	.0006593	.000182
%RSD	.5051441	2.447717	2.670981
#1	.4062465	.0263309	-.006956
#2	.4033519	.0268402	-.006608
#3	.4023076	.0276389	-.006877

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2813.703	68352.41	14847.04	2067.905	4729.962
Stddev	6.161	165.12	17.60	3.100	4.755
%RSD	.2189616	.2415667	.1185495	.1499312	.1005211
#1	2808.663	68169.28	14826.71	2070.909	4731.069
#2	2811.874	68398.06	14857.19	2064.717	4724.752
#3	2820.571	68489.91	14857.21	2068.089	4734.066

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1581-01MS Acquired: 3/18/2025 12:30:30 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	.7926745	1.740393	1.305826	1.562041	-.007395	83.54935
Stddev	.0038402	.008185	.001659	.003026	.002169	.04843
%RSD	.4844594	.4702876	.1270712	.1937312	29.33642	.0579683
#1	.7959510	1.734131	1.303918	1.563800	-.009554	83.56572
#2	.7884487	1.749654	1.306937	1.558547	-.005215	83.58747
#3	.7936239	1.737393	1.306622	1.563777	-.007416	83.49485

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6348866	.1710460	.1683957	113.5224	.8665192	.2375553
Stddev	.0003154	.0003220	.0004194	.3214	.0005755	.0002700
%RSD	.0496790	.1882604	.2490347	.2831266	.0664156	.1136390
#1	.6348309	.1708078	.1687854	113.2931	.8663234	.2377958
#2	.6352262	.1709177	.1679519	113.8898	.8660671	.2372633
#3	.6346028	.1714123	.1684496	113.3844	.8671670	.2376067

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4926961	268.9787	1.217081	64.30403	.5451856	.0670145
Stddev	.0013433	.5667	.002178	.16656	.0012477	.0000927
%RSD	.2726383	.2106853	.1789587	.2590270	.2288630	.1383604
#1	.4942225	269.6077	1.215409	64.13352	.5466252	.0669210
#2	.4921712	268.8207	1.219544	64.31223	.5444156	.0671065
#3	.4916945	268.5079	1.216289	64.46635	.5445161	.0670161

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.18414	.6206398	1.023521	25.96417	-.388717	.0054926
Stddev	.04084	.0025403	.001580	.04721	.002582	.0004788
%RSD	.4010556	.4092998	.1543964	.1818331	.6641426	8.717497
#1	10.23130	.6181804	1.022741	26.01418	-.386353	.0055685
#2	10.16081	.6204850	1.022483	25.95797	-.391472	.0059289
#3	10.16030	.6232539	1.025340	25.92037	-.388326	.0049804

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1581-01MS Acquired: 3/18/2025 12:30:30 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	.0145912	1.717338	F 11.54957	F 12.33793	2.100469	.3217598
Stddev	.0013106	.002912	.04236	.03664	.004861	.0012128
%RSD	8.981745	.1695657	.3668001	.2969822	.2314402	.3769116
#1	.0135767	1.715466	11.59183	12.32467	2.097454	.3222628
#2	.0160709	1.720693	11.50710	12.30977	2.106077	.3226402
#3	.0141262	1.715854	11.54977	12.37936	2.097876	.3203765

Elem	Sr4077
Units	ppm
Avg	.1002242
Stddev	.0010293
%RSD	1.027042
#1	.0993861
#2	.1013731
#3	.0999132

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2757.021	68573.73	15269.83	2054.157	4254.274
Stddev	8.516	159.32	29.95	8.036	9.152
%RSD	.3088823	.2323381	.1961103	.3912042	.2151232
#1	2747.594	68454.99	15303.40	2047.249	4245.043
#2	2764.158	68754.79	15260.23	2062.976	4263.345
#3	2759.311	68511.41	15245.86	2052.245	4254.433

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1581-01MSD Acquired: 3/18/2025 12:34:32 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	.7939316	1.737575	1.303981	1.569005	-.007512	83.50859
Stddev	.0023186	.002323	.005130	.002322	.001274	.79506
%RSD	.2920334	.1336956	.3934246	.1479744	16.96309	.9520745
#1	.7913654	1.737197	1.302596	1.566378	-.008620	82.61052
#2	.7958755	1.740064	1.299685	1.569856	-.007795	84.12265
#3	.7945538	1.735464	1.309662	1.570782	-.006119	83.79261

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6313990	.1677980	.1698878	113.3901	.8571033	.2373577
Stddev	.0067263	.0007323	.0005235	.8910	.0025433	.0006492
%RSD	1.065297	.4364371	.3081347	.7857716	.2967308	.2735256
#1	.6252079	.1669535	.1700232	112.4387	.8594288	.2367561
#2	.6385560	.1681822	.1693100	114.2048	.8543874	.2372711
#3	.6304331	.1682584	.1703303	113.5270	.8574937	.2380459

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4901369	261.1232	1.203723	63.82194	.5434407	.0656993
Stddev	.0006918	1.2994	.013536	.45002	.0013869	.0010969
%RSD	.1411411	.4976377	1.124522	.7051236	.2552026	1.669610
#1	.4893693	261.4937	1.191821	63.31147	.5421428	.0654393
#2	.4903291	262.1971	1.218448	64.16138	.5432772	.0669029
#3	.4907122	259.6787	1.200901	63.99295	.5449021	.0647558

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.929908	.6201416	1.003353	25.29572	-.413218	.0054779
Stddev	.054297	.0052689	.002549	.16542	.005748	.0002724
%RSD	.5468021	.8496357	.2540526	.6539599	1.390985	4.973061
#1	9.911937	.6152265	1.004698	25.20600	-.406739	.0056739
#2	9.990912	.6257044	1.000413	25.48662	-.415209	.0055929
#3	9.886874	.6194938	1.004948	25.19453	-.417705	.0051668

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1581-01MSD Acquired: 3/18/2025 12:34:32 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	.0134485	1.713801	F 11.22872	F 12.30012	2.100178	.3189671
Stddev	.0014317	.017009	.00872	.02665	.011227	.0035913
%RSD	10.64574	.9924520	.0776405	.2166988	.5345588	1.125904
#1	.0118599	1.698148	11.22482	12.26976	2.093709	.3162797
#2	.0138464	1.731900	11.23870	12.31965	2.113142	.3230459
#3	.0146391	1.711354	11.22262	12.31095	2.093684	.3175757

Elem	Sr4077
Units	ppm
Avg	.1069045
Stddev	.0035653
%RSD	3.335000
#1	.1030323
#2	.1100513
#3	.1076298

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2758.465	70435.76	15323.15	2059.613	4254.346
Stddev	3.898	440.23	20.50	8.365	2.778
%RSD	.1413100	.6250148	.1337793	.4061574	.0652891
#1	2761.536	69930.80	15345.87	2051.685	4256.903
#2	2759.779	70738.88	15317.56	2068.356	4254.745
#3	2754.080	70637.61	15306.04	2058.798	4251.391

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1581-01A Acquired: 3/18/2025 12:38:32 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	.8266282	1.856507	1.310689	1.719267	.7249818	87.01158
Stddev	.0042535	.021789	.002779	.002188	.0053047	.03231
%RSD	.5145646	1.173629	.2120113	.1272424	.7317043	.0371329
#1	.8219118	1.870903	1.308900	1.718885	.7238462	87.03473
#2	.8277997	1.831440	1.309276	1.717296	.7203368	87.02534
#3	.8301733	1.867178	1.313890	1.721621	.7307623	86.97467

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6021633	.1733790	.1740499	114.5909	.7744409	.2416890
Stddev	.0012505	.0003402	.0004704	.2447	.0019159	.0008319
%RSD	.2076617	.1962016	.2702459	.2135101	.2473950	.3441852
#1	.6034083	.1736220	.1737012	114.8452	.7766164	.2417233
#2	.6021740	.1729902	.1738637	114.3571	.7730052	.2408405
#3	.6009075	.1735248	.1745849	114.5704	.7737010	.2425031

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5491361	238.4705	1.200237	63.00026	.5565933	.0687408
Stddev	.0011926	1.1460	.002420	.18308	.0021359	.0001908
%RSD	.2171739	.4805630	.2016036	.2906057	.3837489	.2775509
#1	.5482773	239.7814	1.203030	63.13672	.5562808	.0685206
#2	.5486333	237.9718	1.198925	62.79220	.5546309	.0688574
#3	.5504978	237.6584	1.198757	63.07187	.5588683	.0688444

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.381828	.5956439	.8171755	25.10667	-.314182	.3634003
Stddev	.036073	.0017399	.0022382	.14543	.006263	.0002167
%RSD	.4303714	.2921067	.2738924	.5792486	1.993542	.0596322
#1	8.421417	.5976530	.8195479	25.27211	-.307761	.3633125
#2	8.373252	.5946402	.8151014	25.04894	-.314511	.3636471
#3	8.350817	.5946386	.8168773	24.99898	-.320274	.3632413

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1581-01A Acquired: 3/18/2025 12:38:32 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	.6726115	2.117128	F 16.72689	F 12.13704	2.135226	.3095770
Stddev	.0027539	.003381	.09243	.05371	.011666	.0012036
%RSD	.4094350	.1597184	.5525898	.4425639	.5463685	.3887922
#1	.6731691	2.116735	16.72668	12.14194	2.132357	.3109602
#2	.6696214	2.113960	16.81943	12.08105	2.125263	.3090027
#3	.6750439	2.120689	16.63457	12.18814	2.148060	.3087681

Elem	Sr4077
Units	ppm
Avg	.1273352
Stddev	.0003589
%RSD	.2818346
#1	.1276093
#2	.1269290
#3	.1274673

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2716.943	67731.21	14949.14	2009.461	4178.171
Stddev	5.012	179.78	29.19	2.464	1.347
%RSD	.1844881	.2654332	.1952859	.1226051	.0322461
#1	2717.325	67542.06	14947.85	2006.796	4179.153
#2	2711.750	67899.86	14978.96	2009.934	4176.635
#3	2721.753	67751.71	14920.62	2011.654	4178.726

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1585-01 Acquired: 3/18/2025 12:42:31 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	.0457379	-.024792	.2581221	-.045393	-.006183	112.5563
Stddev	.0033179	.000732	.0016120	.002371	.001445	.1466
%RSD	7.254166	2.950668	.6245059	5.222749	23.37355	.1302197
#1	.0426738	-.025466	.2563310	-.043233	-.005449	112.4549
#2	.0492617	-.024014	.2585792	-.047930	-.005252	112.4897
#3	.0452782	-.024895	.2594563	-.045017	-.007848	112.7244

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5613694	.0058218	.0020922	273.4474	.3335444	.1876950
Stddev	.0022671	.0000968	.0003700	.7305	.0013807	.0004850
%RSD	.4038454	1.662326	17.68309	.2671386	.4139490	.2583826
#1	.5588998	.0059038	.0025164	273.6790	.3319689	.1882261
#2	.5633561	.0058465	.0018365	274.0341	.3341208	.1872756
#3	.5618522	.0057150	.0019237	272.6292	.3345436	.1875835

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3532183	269.6016	3.165444	89.96443	.3367985	-.002854
Stddev	.0018920	2.4989	.006002	.09157	.0003317	.000214
%RSD	.5356506	.9269043	.1896059	.1017867	.0984767	7.498882
#1	.3539512	266.7850	3.158790	89.93167	.3365254	-.003085
#2	.3510695	271.5528	3.170448	90.06788	.3367024	-.002662
#3	.3546342	270.4670	3.167093	89.89375	.3371675	-.002816

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.418670	.3975852	.8315645	28.04453	-.602362	.0107895
Stddev	.061094	.0011816	.0047843	.24842	.005059	.0001763
%RSD	.8235206	.2971875	.5753412	.8857971	.8399427	1.634369
#1	7.348563	.3962504	.8271323	27.75768	-.607059	.0107219
#2	7.460530	.3980077	.8366365	28.18750	-.597005	.0106569
#3	7.446916	.3984974	.8309246	28.18841	-.603021	.0109896

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1585-01 Acquired: 3/18/2025 12:42:31 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	.0073379	8.777222	3.700449	F 13.81122	F 21.31956	.2795210
Stddev	.0004561	.015354	.026691	.03539	.04944	.0022970
%RSD	6.215681	.1749331	.7212846	.2562180	.2319186	.8217584
#1	.0069144	8.760115	3.676388	13.82680	21.31088	.2771839
#2	.0072786	8.781742	3.729159	13.77072	21.27503	.2796033
#3	.0078208	8.789809	3.695801	13.83614	21.37277	.2817756

Elem	Sr4077
Units	ppm
Avg	.2458624
Stddev	.0014561
%RSD	.5922514
#1	.2472352
#2	.2443352
#3	.2460169

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3118.981	77954.20	17875.42	2303.042	3935.347
Stddev	7.613	394.16	28.88	15.902	6.402
%RSD	.2440952	.5056335	.1615471	.6904692	.1626916
#1	3114.595	78396.56	17842.81	2320.917	3933.077
#2	3127.772	77640.26	17885.73	2290.466	3942.575
#3	3114.577	77825.78	17897.74	2297.743	3930.389

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1585-01DUP Acquired: 3/18/2025 12:46:43 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	.0443595	-.021641	.2595915	-.045532	-.004783	111.2338
Stddev	.0035389	.004474	.0021528	.002850	.004482	.1648
%RSD	7.977881	20.67347	.8292833	6.258549	93.70421	.1481533
#1	.0404052	-.023883	.2572357	-.047627	-.009767	111.4189
#2	.0472292	-.016490	.2600825	-.042287	-.003496	111.1797
#3	.0454441	-.024551	.2614564	-.046682	-.001085	111.1029

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5751451	.0056728	.0014599	268.4119	.3324840	.1875867
Stddev	.0013750	.0000179	.0003455	1.2297	.0002145	.0007053
%RSD	.2390648	.3151947	23.66456	.4581537	.0645016	.3759886
#1	.5766231	.0056933	.0011555	269.7158	.3323765	.1876617
#2	.5739039	.0056649	.0013888	267.2730	.3327309	.1868469
#3	.5749085	.0056603	.0018354	268.2471	.3323445	.1882515

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3565530	269.7367	3.168056	88.93177	.3367767	-.003285
Stddev	.0011952	.7995	.013320	.27605	.0013219	.000433
%RSD	.3352123	.2964138	.4204390	.3104079	.3925021	13.19042
#1	.3559641	270.4240	3.182986	89.16306	.3361163	-.002898
#2	.3557665	268.8592	3.163792	89.00608	.3359152	-.003753
#3	.3579284	269.9270	3.157391	88.62617	.3382986	-.003202

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.472263	.3933562	.8239009	28.33959	-.578087	.0110931
Stddev	.020184	.0016356	.0032034	.10384	.003695	.0002253
%RSD	.2701197	.4158117	.3888124	.3664235	.6392008	2.031399
#1	7.462414	.3947289	.8275779	28.32676	-.579012	.0113289
#2	7.458895	.3937933	.8224109	28.24276	-.581233	.0110705
#3	7.495481	.3915464	.8217138	28.44926	-.574018	.0108799

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1585-01DUP Acquired: 3/18/2025 12:46:43 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	.0091625	8.731146	3.719586	F 13.84348	F 21.24714	.2785073
Stddev	.0009981	.026960	.028173	.05149	.08300	.0004386
%RSD	10.89300	.3087841	.7574315	.3719607	.3906588	.1574782
#1	.0101815	8.761655	3.703708	13.83291	21.18922	.2789878
#2	.0081867	8.710530	3.752115	13.79810	21.20997	.2781285
#3	.0091195	8.721253	3.702936	13.89944	21.34224	.2784058

Elem	Sr4077
Units	ppm
Avg	.2475501
Stddev	.0009011
%RSD	.3639852
#1	.2485421
#2	.2467823
#3	.2473260

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3117.944	78402.16	18238.33	2333.452	3952.408
Stddev	8.033	170.44	100.65	14.831	13.123
%RSD	.2576401	.2173902	.5518705	.6355752	.3320380
#1	3124.084	78230.44	18150.97	2316.376	3955.650
#2	3120.896	78404.75	18215.61	2340.856	3963.606
#3	3108.853	78571.29	18348.39	2343.122	3937.967

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1585-01LX5 Acquired: 3/18/2025 12:50:55 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	.0090460	-.006124	.0532479	-.009172	-.002245	26.70438	.1328577
Stddev	.0022671	.000923	.0008645	.001590	.000793	.08030	.0014583
%RSD	25.06132	15.06578	1.623459	17.33964	35.31093	.3007046	1.097631
#1	.0107057	-.005270	.0525287	-.010287	-.001873	26.65733	.1345416
#2	.0099694	-.005999	.0530081	-.009879	-.001706	26.79710	.1320049
#3	.0064630	-.007103	.0542070	-.007351	-.003155	26.65870	.1320267

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015455	-.002921	67.38590	.0831122	.0371491	.0906043	65.42781
Stddev	.0000409	.000192	.15432	.0002644	.0001017	.0010152	.38602
%RSD	2.646372	6.582652	.2290101	.3180628	.2738092	1.120512	.5899921
#1	.0015887	-.002959	67.37554	.0830186	.0371831	.0898438	65.76216
#2	.0015075	-.003091	67.54514	.0829075	.0370347	.0902119	65.51592
#3	.0015402	-.002712	67.23702	.0834107	.0372295	.0917572	65.00536

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8167395	22.23705	.0684952	-.000504	1.627565	.0990703	.1956927
Stddev	.0051543	.02838	.0004817	.000173	.013214	.0007194	.0008159
%RSD	.6310825	.1276412	.7032975	34.34887	.8118829	.7261802	.4169244
#1	.8223331	22.24996	.0679641	-.000417	1.632588	.0998700	.1949777
#2	.8157033	22.25669	.0686176	-.000704	1.637531	.0984756	.1965814
#3	.8121820	22.20451	.0689039	-.000393	1.612576	.0988653	.1955190

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.095168	-.149510	.0022936	-.001162	2.148901	.8119618	2.687937
Stddev	.049071	.001192	.0002389	.000255	.006746	.0118882	.003580
%RSD	.8050847	.7970552	10.41631	21.94995	.3139297	1.464132	.1331739
#1	6.147030	-.150195	.0021875	-.001094	2.152100	.8218812	2.684213
#2	6.089005	-.148134	.0025672	-.000947	2.153452	.8152200	2.691352
#3	6.049470	-.150201	.0021262	-.001444	2.141151	.7987842	2.688248

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1585-01LX5 Acquired: 3/18/2025 12:50:55 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	3.985844	.0633715	.0585301
Stddev	.014030	.0002824	.0003017
%RSD	.3520051	.4455562	.5154926
#1	3.977481	.0630516	.0582208
#2	4.002042	.0635860	.0588236
#3	3.978008	.0634768	.0585459

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2844.319	69706.18	15226.09	2097.008	4531.213
Stddev	4.947	70.92	41.57	7.720	.357
%RSD	.1739334	.1017481	.2730120	.3681557	.0078697
#1	2846.003	69686.94	15271.76	2095.364	4531.596
#2	2848.205	69646.85	15216.04	2090.242	4530.891
#3	2838.750	69784.74	15190.46	2105.417	4531.151

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1585-01MS Acquired: 3/18/2025 12:55:05 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	.6579589	1.799919	1.104721	1.403996	.2534437	117.5772
Stddev	.0025437	.006548	.002660	.002108	.0018798	.1657
%RSD	.3865976	.3638047	.2407803	.1501605	.7417086	.1409004
#1	.6593874	1.804640	1.106418	1.402651	.2548685	117.5912
#2	.6594671	1.802673	1.101656	1.402911	.2513132	117.4051
#3	.6550221	1.792443	1.106090	1.406426	.2541495	117.7355

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7368221	.1452003	.1839826	286.4236	.6475517	.3704491
Stddev	.0014865	.0005834	.0003956	1.0693	.0010446	.0007894
%RSD	.2017473	.4017963	.2150146	.3733301	.1613165	.2131003
#1	.7380425	.1454863	.1842766	286.8184	.6482519	.3705243
#2	.7351666	.1445290	.1835328	285.2130	.6463511	.3696248
#3	.7372573	.1455855	.1841383	287.2394	.6480523	.3711983

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6390791	263.0700	3.444085	92.44126	.7970438	.0567360
Stddev	.0017214	.3313	.005332	.05213	.0014343	.0000858
%RSD	.2693556	.1259300	.1548181	.0563933	.1799460	.1512196
#1	.6400625	262.7848	3.445314	92.43836	.7984631	.0566435
#2	.6370914	262.9917	3.438246	92.39064	.7955950	.0568130
#3	.6400833	263.4333	3.448695	92.49478	.7970734	.0567516

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.938623	.5831503	.9287478	34.68954	-.386516	.3060632
Stddev	.027659	.0028415	.0036793	.03650	.005100	.0007692
%RSD	.2782985	.4872681	.3961598	.1052268	1.319564	.2513229
#1	9.914746	.5824164	.9323749	34.72213	-.385549	.3062112
#2	9.968931	.5807478	.9250183	34.69640	-.381969	.3052307
#3	9.932192	.5862868	.9288501	34.65010	-.392031	.3067475

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1585-01MS Acquired: 3/18/2025 12:55:05 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	.6222355	8.824838	4.562748	F 18.88272	F 21.76678	.4277417
Stddev	.0017151	.017998	.033901	.02673	.03825	.0003138
%RSD	.2756324	.2039458	.7429874	.1415530	.1757356	.0733609
#1	.6204359	8.831136	4.527115	18.86124	21.81094	.4277571
#2	.6238512	8.804538	4.594598	18.87427	21.74396	.4280475
#3	.6224194	8.838841	4.566532	18.91265	21.74543	.4274205

Elem	Sr4077
Units	ppm
Avg	.4321506
Stddev	.0013783
%RSD	.3189388
#1	.4331093
#2	.4305711
#3	.4327714

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3124.137	79175.39	17481.06	2324.083	3989.063
Stddev	8.517	118.88	56.98	13.012	5.892
%RSD	.2726071	.1501434	.3259306	.5598852	.1476995
#1	3119.020	79280.89	17464.88	2311.968	3984.458
#2	3133.968	79198.70	17544.37	2322.444	3995.702
#3	3119.422	79046.59	17433.91	2337.838	3987.028

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1585-01MSD Acquired: 3/18/2025 12:59:12 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	.6688682	1.796676	1.111382	1.422940	.2552926	117.8916
Stddev	.0046355	.016000	.003480	.012905	.0049289	.0901
%RSD	.6930429	.8905369	.3130873	.9069255	1.930693	.0763971
#1	.6640691	1.778533	1.112135	1.408737	.2496307	117.9045
#2	.6733207	1.802726	1.107587	1.426138	.2576215	117.9745
#3	.6692147	1.808768	1.114423	1.433946	.2586254	117.7958

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7305562	.1440374	.1848039	283.0927	.6530221	.3728602
Stddev	.0015013	.0002951	.0007127	.9031	.0013363	.0002336
%RSD	.2054938	.2048691	.3856642	.3190088	.2046330	.0626562
#1	.7322217	.1437433	.1840500	282.3142	.6523679	.3726325
#2	.7301398	.1440354	.1848951	282.8810	.6545594	.3728487
#3	.7293072	.1443335	.1854667	284.0828	.6521389	.3730994

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6430031	267.2461	3.404768	92.20127	.8019165	.0579368
Stddev	.0031754	.7640	.011488	.23045	.0024875	.0005250
%RSD	.4938346	.2858931	.3373968	.2499404	.3102005	.9062039
#1	.6396560	268.0386	3.417931	92.32446	.7993765	.0581213
#2	.6433804	267.1854	3.399608	92.34393	.8020251	.0573444
#3	.6459730	266.5142	3.396766	91.93541	.8043480	.0583447

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.20589	.5806690	.9431134	35.40570	-.377113	.3071629
Stddev	.00850	.0018469	.0007987	.09652	.006079	.0015330
%RSD	.0833220	.3180674	.0846869	.2726070	1.611867	.4990809
#1	10.20680	.5825473	.9440348	35.45826	-.371711	.3054484
#2	10.21390	.5806047	.9426865	35.46453	-.375932	.3076391
#3	10.19697	.5788551	.9426189	35.29431	-.383695	.3084014

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1585-01MSD Acquired: 3/18/2025 12:59:12 Type: Unk
Method: NON EPA-6010-200.7(v2818) 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	.6273296	8.806073	4.734996	F 18.93659	F 21.95294	.4274274
Stddev	.0008082	.009690	.007076	.03655	.04776	.0007768
%RSD	.1288354	.1100376	.1494490	.1930147	.2175396	.1817318
#1	.6269487	8.815306	4.730563	18.89963	21.91048	.4282874
#2	.6282579	8.806931	4.743157	18.93743	21.94370	.4267767
#3	.6267822	8.795983	4.731267	18.97272	22.00464	.4272181

Elem	Sr4077
Units	ppm
Avg	.4256166
Stddev	.0002386
%RSD	.0560685
#1	.4258407
#2	.4256434
#3	.4253656

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3101.901	78012.90	17658.67	2285.046	3958.826
Stddev	8.070	199.94	35.10	9.983	8.880
%RSD	.2601763	.2562893	.1987958	.4368942	.2242971
#1	3109.693	78161.05	17697.53	2282.042	3963.339
#2	3102.432	77785.48	17629.24	2276.910	3964.542
#3	3093.578	78092.16	17649.26	2296.187	3948.596

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: CCV03 Acquired: 3/18/2025 13:07:49 Type: Unk
Method: NON EPA-6010-200.7(v2818) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.922436	5.041077	4.854748	4.911751	4.967199	9.737539
Stddev	.022133	.031615	.012872	.012391	.013698	.024108
%RSD	.4496450	.6271557	.2651443	.2522714	.2757623	.2475733
#1	4.915690	5.069646	4.867081	4.915652	4.960458	9.744158
#2	4.947157	5.046475	4.855766	4.921723	4.982961	9.710813
#3	4.904460	5.007110	4.841397	4.897879	4.958179	9.757645

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.804503	.2392315	2.403335	23.69199	1.023325	2.389546
Stddev	.131989	.0010559	.006470	.03031	.002405	.005892
%RSD	1.346210	.4413927	.2691890	.1279459	.2349812	.2465781
#1	9.951895	.2400061	2.406254	23.72617	1.025596	2.392144
#2	9.697225	.2396597	2.407831	23.68145	1.023575	2.393693
#3	9.764388	.2380288	2.395920	23.66836	1.020806	2.382801

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.216590	4.686358	2.394377	23.66307	2.384688	1.238647
Stddev	.001851	.015292	.010610	.08185	.007117	.002240
%RSD	.1521138	.3263178	.4431156	.3459036	.2984332	.1808158
#1	1.216530	4.699848	2.395367	23.73972	2.387283	1.240673
#2	1.218470	4.669745	2.383307	23.67262	2.390143	1.239027
#3	1.214771	4.689481	2.404457	23.57686	2.376638	1.236242

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.58055	2.372989	2.427961	23.26104	4.715059	4.930683
Stddev	.10644	.005394	.010352	.13009	.008638	.012261
%RSD	.4330443	.2273228	.4263606	.5592417	.1832050	.2486764
#1	24.63172	2.378378	2.435884	23.29427	4.715232	4.936876
#2	24.45818	2.367589	2.416249	23.11756	4.723610	4.938613
#3	24.65174	2.372999	2.431752	23.37128	4.706336	4.916560

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: CCV03 Acquired: 3/18/2025 13:07:49 Type: Unk
Method: NON EPA-6010-200.7(v2818) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.853141	4.610783	5.176185	4.906579	4.738447	F 4.442649
Stddev	.013324	.010859	.027439	.005791	.015003	.013660
%RSD	.2745388	.2355028	.5301013	.1180266	.3166188	.3074849
#1	4.857774	4.615662	5.180634	4.903250	4.746953	4.443860
#2	4.863530	4.598340	5.146793	4.913266	4.747264	4.428424
#3	4.838119	4.618345	5.201127	4.903220	4.721124	4.455664

Elem	Sr4077
Units	ppm
Avg	4.521584
Stddev	.028497
%RSD	.6302343
#1	4.501598
#2	4.554215
#3	4.508939

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2695.601	66046.30	13633.88	1965.184	4524.563
Stddev	8.503	167.91	39.42	6.638	14.808
%RSD	.3154228	.2542355	.2891195	.3378033	.3272817
#1	2689.195	65853.03	13597.40	1959.074	4512.360
#2	2692.359	66129.49	13628.55	1972.248	4520.293
#3	2705.247	66156.38	13675.70	1964.230	4541.037

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: CCB03 Acquired: 3/18/2025 13:13:01 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.0011870	-.001714	.0004833	-.001147	.0012246	.0043739	-.002557
Stddev	.0011090	.000663	.0006880	.005564	.0000710	.0049638	.000442
%RSD	93.42885	38.66478	142.3496	485.0650	5.798123	113.4863	17.28767
#1	.0024050	-.002150	.0008106	.005263	.0012657	.0070311	-.002832
#2	.0009201	-.000951	-.000307	-.003984	.0011426	-.001353	-.002047
#3	.0002358	-.002040	.000947	-.004721	.0012656	.007444	-.002791

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001060	.0000298	-.003388	.0005416	.0002452	.0001740	.0011378
Stddev	.0000192	.0001215	.005710	.0001897	.0001244	.0003754	.0062722
%RSD	18.13763	407.1028	168.5198	35.01924	50.71238	215.7177	551.2338
#1	.0001273	.0001044	-.009972	.0005632	.0001063	.0004327	-.003976
#2	.0001007	-.000110	.000202	.0007196	.0003461	-.000257	-.000747
#3	.0000900	.000095	-.000394	.0003421	.0002833	.000346	.008136

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001303	-.000026	.0000597	.0002084	-.016399	.0007575	-.000018
Stddev	.000247	.009936	.0000645	.0001448	.007526	.0014062	.000232
%RSD	18.95275	37719.57	108.0910	69.47541	45.89328	185.6414	1274.947
#1	-.001584	-.010368	.0000115	.0002527	-.013023	.0017143	.000246
#2	-.001201	.009448	.0000345	.0000467	-.025022	.0014153	-.000184
#3	-.001123	.000841	.0001329	.0003260	-.011152	-.000857	-.000117

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.079250	.0037463	.0001202	-.000073	.0013686	.0052067	-.005918
Stddev	.019591	.0005130	.0000378	.000721	.0003524	.0062885	.001980
%RSD	24.72031	13.69404	31.48054	989.5902	25.74673	120.7770	33.46241
#1	-.089039	.0036456	.0000765	.000752	.0010574	.0111780	-.007315
#2	-.056694	.0043023	.0001437	-.000582	.0012972	.0057992	-.003652
#3	-.092018	.0032912	.0001403	-.000388	.0017513	-.001357	-.006786

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: CCB03 Acquired: 3/18/2025 13:13:01 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.0005960	-.002802	.0001460
Stddev	.0042924	.000651	.0000658
%RSD	720.1618	23.22611	45.08542
#1	.0033183	-.003393	.0002129
#2	.0028220	-.002907	.0000813
#3	-.004352	-.002105	.0001437

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2814.738	68814.04	14551.99	2073.787	5014.467
Stddev	4.246	149.26	57.53	6.600	6.937
%RSD	.1508636	.2169020	.3953639	.3182582	.1383434
#1	2816.604	68683.07	14618.19	2066.966	5022.454
#2	2817.732	68782.51	14514.14	2080.141	5011.001
#3	2809.878	68976.55	14523.63	2074.255	5009.946

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1585-01A Acquired: 3/18/2025 13:17:21 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.6386073	1.761723	1.130860	1.393265	.6157715	112.2510
Stddev	.0058485	.005097	.003027	.006140	.0016506	.1332
%RSD	.9158273	.2893360	.2677071	.4406786	.2680498	.1186704
#1	.6329046	1.763940	1.127674	1.389778	.6165630	112.1239
#2	.6383258	1.765336	1.131208	1.389663	.6138742	112.3896
#3	.6445915	1.755893	1.133699	1.400354	.6168772	112.2394

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6376821	.1406786	.1813704	270.4872	.6178734	.3627290
Stddev	.0023964	.0007669	.0005607	2.2140	.0004611	.0007547
%RSD	.3758029	.5451110	.3091560	.8185275	.0746254	.2080607
#1	.6383277	.1405919	.1812639	270.6231	.6174785	.3626589
#2	.6396896	.1414851	.1808707	272.6302	.6177614	.3620118
#3	.6350290	.1399587	.1819768	268.2084	.6183801	.3635163

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5565619	257.5164	3.053191	89.99131	.7710042	.0546338
Stddev	.0022000	.3969	.014611	.26839	.0015910	.0003234
%RSD	.3952907	.1541069	.4785588	.2982434	.2063552	.5920329
#1	.5555546	257.4930	3.054721	89.79073	.7698090	.0549947
#2	.5550459	257.1318	3.066977	90.29620	.7703935	.0543701
#3	.5590853	257.9244	3.037875	89.88702	.7728101	.0545365

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.391399	.5939104	.9460316	34.22716	-.427591	.3102497
Stddev	.055908	.0008401	.0015032	.16300	.006996	.0010760
%RSD	.5953123	.1414531	.1588992	.4762356	1.636086	.3468205
#1	9.380889	.5931399	.9466900	34.29254	-.428834	.3094704
#2	9.341491	.5948060	.9470934	34.04162	-.433883	.3098014
#3	9.451816	.5937852	.9443115	34.34733	-.420058	.3114774

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1585-01A Acquired: 3/18/2025 13:17:21 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.6588185	8.844791	4.750265	F 19.21653	F 20.23532	.4093249
Stddev	.0019204	.022171	.039291	.02383	.07461	.0011039
%RSD	.2914876	.2506723	.8271311	.1240180	.3687117	.2696898
#1	.6597701	8.845598	4.706982	19.21648	20.21303	.4102257
#2	.6566081	8.866548	4.760130	19.19271	20.17439	.4096555
#3	.6600772	8.822227	4.783684	19.24038	20.31853	.4080934

Elem	Sr4077
Units	ppm
Avg	.3805392
Stddev	.0022348
%RSD	.5872578
#1	.3811358
#2	.3824151
#3	.3780667

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3139.544	80131.93	17752.46	2348.035	3999.625
Stddev	7.701	136.13	90.46	9.634	9.786
%RSD	.2453025	.1698817	.5095726	.4103072	.2446764
#1	3141.659	80128.57	17746.04	2338.952	4004.447
#2	3145.966	80269.70	17665.38	2347.013	4006.065
#3	3131.006	79997.50	17845.96	2358.139	3988.364

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1574-02LX5 Acquired: 3/18/2025 13:32:43 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.0003476	-.004209	.1958609	.0003725	.0068040	.0748707	.0430221
Stddev	.0018480	.001080	.0008083	.0012667	.0014166	.0010890	.0009740
%RSD	531.6744	25.65988	.4126692	340.0852	20.81943	1.454520	2.263924
#1	-.000626	-.005382	.1953390	-.000375	.0072837	.0742739	.0434346
#2	-.000810	-.003992	.1967919	.001835	.0052099	.0742106	.0419098
#3	.002479	-.003255	.1954518	-.000343	.0079185	.0761277	.0437220

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002049	.0071792	9.786912	.0007701	.0035038	1.419206	.1552996
Stddev	.0000401	.0000955	.026889	.0002330	.0001245	.007845	.0031254
%RSD	19.57790	1.330795	.2747491	30.25204	3.552742	.5528042	2.012486
#1	.0001730	.0070843	9.788877	.0008340	.0035689	1.413792	.1542927
#2	.0001918	.0071778	9.759093	.0009644	.0033603	1.415623	.1588043
#3	.0002499	.0072753	9.812764	.0005118	.0035822	1.428203	.1528018

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1321744	.5224903	.1044068	.0004085	64.48696	.0008724	13.50061
Stddev	.0003960	.0081529	.0007859	.0004108	.27062	.0004956	.03832
%RSD	.2995925	1.560393	.7526843	100.5710	.4196503	56.80385	.2838206
#1	.1323464	.5184244	.1045201	.0008166	64.63705	.0006672	13.51957
#2	.1317215	.5318766	.1035704	-.000005	64.64928	.0014376	13.45651
#3	.1324553	.5171700	.1051298	.000414	64.17456	.0005124	13.52576

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3424645	.0668714	-.002333	-.001679	.0007312	.3681575	.0015068
Stddev	.0237796	.0005895	.000216	.000800	.0007301	.0019140	.0020465
%RSD	6.943661	.8814894	9.258758	47.65830	99.84326	.5198899	135.8212
#1	.3183099	.0664351	-.002092	-.002387	-.000050	.3659483	.0018275
#2	.3432332	.0666372	-.002510	-.000811	.001396	.3692046	-.000681
#3	.3658504	.0675420	-.002396	-.001837	.000847	.3693194	.003374

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1574-02LX5 Acquired: 3/18/2025 13:32:43 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	1.136341	-.003652	.0519232
Stddev	.005108	.000405	.0001602
%RSD	.4495300	11.07772	.3084531
#1	1.130513	-.004005	.0518077
#2	1.138468	-.003739	.0518558
#3	1.140042	-.003210	.0521060

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2699.722	67550.45	14135.45	2028.623	4607.518
Stddev	6.781	301.84	64.57	7.651	14.011
%RSD	.2511889	.4468361	.4568126	.3771519	.3040810
#1	2698.474	67230.84	14102.46	2020.748	4599.418
#2	2707.041	67589.86	14209.85	2029.090	4623.696
#3	2693.652	67830.65	14094.04	2036.029	4599.440

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1574-01DLX20 Acquired: 3/18/2025 13:41:13 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	.0701221	.0091184	2.065247	-.015662	.0186823	9.553219	.2940345
Stddev	.0008143	.0016045	.008449	.003013	.0019236	.183809	.0060969
%RSD	1.161276	17.59678	.4091003	19.23798	10.29651	1.924052	2.073526
#1	.0704887	.0073861	2.063519	-.018795	.0164669	9.632666	.2959219
#2	.0706886	.0094155	2.057796	-.015406	.0199290	9.683942	.2989644
#3	.0691889	.0105537	2.074427	-.012786	.0196511	9.343050	.2872171

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025856	.0029356	10.30181	.1347882	.0469267	48.35011	159.8483
Stddev	.0000235	.0006350	.18261	.0022075	.0004617	.07893	2.7777
%RSD	.9067712	21.63107	1.772634	1.637774	.9838755	.1632475	1.737681
#1	.0026076	.0022421	10.39167	.1372529	.0466973	48.33246	162.8627
#2	.0025609	.0030762	10.42209	.1341191	.0466246	48.28150	159.2900
#3	.0025881	.0034886	10.09168	.1329926	.0474582	48.43637	157.3922

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6701557	3.972588	1.797996	.0329453	.8791851	.0417017	19.32078
Stddev	.0125948	.060633	.007268	.0007543	.0259529	.0013476	.36234
%RSD	1.879380	1.526287	.4042465	2.289691	2.951928	3.231650	1.875368
#1	.6773484	4.011822	1.795443	.0337072	.9088293	.0430264	19.73447
#2	.6775060	4.003189	1.792348	.0329300	.8681673	.0417464	19.05974
#3	.6556128	3.902752	1.806196	.0321987	.8605588	.0403322	19.16815

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6568133	-.328760	.0119908	.3061868	.2501836	.4920670	1.309319
Stddev	.0141947	.007227	.0002515	.0031228	.0059703	.0138957	.006016
%RSD	2.161142	2.198146	2.097713	1.019911	2.386360	2.823949	.4594905
#1	.6676460	-.333192	.0121892	.3039395	.2520631	.5079464	1.309684
#2	.6620496	-.332668	.0120754	.3048684	.2549880	.4861206	1.303129
#3	.6407444	-.320421	.0117079	.3097527	.2434998	.4821338	1.315145

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1574-01DLX20 Acquired: 3/18/2025 13:41:13 Type: Unk
Method: NON EPA-6010-200.7(v2811) 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	5.099177	.0639791	-.079688
Stddev	.030978	.0011929	.001981
%RSD	.6075161	1.864539	2.485995
#1	5.075759	.0652726	-.081929
#2	5.087469	.0637427	-.078170
#3	5.134303	.0629222	-.078965

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2678.393	67150.01	14617.45	1979.162	4659.209
Stddev	5.227	997.97	162.79	30.778	10.601
%RSD	.1951563	1.486178	1.113651	1.555125	.2275374
#1	2672.374	65998.86	14522.02	1944.624	4655.113
#2	2681.799	67771.29	14524.93	2003.688	4671.248
#3	2681.005	67679.87	14805.42	1989.174	4651.267

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: LR1 Acquired: 3/18/2025 13:45:07 Type: Unk
Method: NON EPA-6010-200.7(v2819) 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	.0318950	.0679450	.0187879	-.181802	-.009389	1969.697	.0110583
Stddev	.0076206	.0132446	.0029918	.000480	.014097	13.729	.0005563
%RSD	23.89284	19.49318	15.92416	.2639274	150.1452	.6969882	5.030851
#1	.0264945	.0704696	.0155678	-.182158	-.007848	1954.353	.0106310
#2	.0285786	.0536197	.0214815	-.181256	-.024194	1980.817	.0108565
#3	.0406119	.0797456	.0193144	-.181991	.003874	1973.921	.0116873

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074194	-.000901	1654.560	.0263058	.0279608	.0513370	950.5683
Stddev	.0000772	.001920	5.361	.0008586	.0005409	.0036335	12.6603
%RSD	1.040747	213.0858	.3240422	3.263798	1.934449	7.077700	1.331868
#1	.0073415	-.002841	1650.394	.0269369	.0279274	.0484809	962.4367
#2	.0074207	.000999	1660.609	.0253282	.0274375	.0554267	937.2423
#3	.0074960	-.000861	1652.678	.0266525	.0285177	.0501035	952.0260

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.105445	1807.318	.0153324	-.032198	1838.317	.0148056	.1764633
Stddev	.000396	10.702	.0003732	.002404	13.513	.0013474	.0007516
%RSD	.3757535	.5921426	2.434219	7.466811	.7350662	9.100590	.4259334
#1	-.105476	1807.133	.0149933	-.030455	1853.330	.0147622	.1756693
#2	-.105825	1818.111	.0157323	-.034940	1834.489	.0134805	.1765567
#3	-.105034	1796.710	.0152717	-.031197	1827.130	.0161742	.1771638

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1320.570	^ *****	-.007133	-.001234	-.034475	.1394143	.0760001
Stddev	18.044	-----	.000308	.006617	.000641	.0015763	.0018761
%RSD	1.366398	-----	4.321973	536.4067	1.858383	1.130622	2.468585
#1	1341.073	^ -----	-.006850	.002362	-.034588	.1379828	.0769468
#2	1307.106	^ -----	-.007462	.002807	-.035052	.1411036	.0772142
#3	1313.531	^ -----	-.007087	-.008870	-.033786	.1391565	.0738392

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: LR1 Acquired: 3/18/2025 13:45:07 Type: Unk
Method: NON EPA-6010-200.7(v2819) 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	-.205460	.1188265	-.825868
Stddev	.004720	.0066516	.011190
%RSD	2.297163	5.597771	1.354980
#1	-.202001	.1257082	-.836421
#2	-.210837	.1124317	-.814134
#3	-.203542	.1183396	-.827049

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1864.869	47096.89	12367.71	1374.487	2720.803
Stddev	2.844	185.43	52.48	8.841	4.653
%RSD	.1524810	.3937160	.4243129	.6431961	.1710064
#1	1867.139	46924.14	12416.92	1364.793	2723.966
#2	1861.679	47292.82	12312.48	1382.105	2715.460
#3	1865.788	47073.73	12373.73	1376.562	2722.982

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: LR2 Acquired: 3/18/2025 13:50:04 Type: Unk
Method: NON EPA-6010-200.7(v2819) 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	.0090763	-.005369	225.6876	.0076189	-.003360	.1729363	^F *****
Stddev	.0020577	.003138	.7610	.0020895	.001304	.0025837	-----
%RSD	22.67150	58.44287	.3371848	27.42569	38.80180	1.494032	-----
#1	.0067421	-.004165	225.3550	.0054087	-.003295	.1754293	^ -----
#2	.0098589	-.008931	225.1496	.0095621	-.004696	.1702705	^ -----
#3	.0106280	-.003012	226.5583	.0078861	-.002090	.1731091	^ -----

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002556	-.003033	.2617995	.0114193	.0047022	267.3300	.0200599
Stddev	.000039	.000105	.0077381	.0004549	.0003304	1.8088	.0071706
%RSD	1.538286	3.445435	2.955751	3.983142	7.025967	.6766140	35.74618
#1	-.002542	-.003003	.2699382	.0118967	.0047054	267.8176	.0276339
#2	-.002600	-.002947	.2545365	.0113704	.0043703	265.3275	.0133756
#3	-.002525	-.003150	.2609238	.0109909	.0050310	268.8451	.0191702

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	43.91346	-.081245	48.37245	.0016395	.2242346	-.012257	31.82123
Stddev	.19135	.016483	.15515	.0001532	.0237330	.000868	.02618
%RSD	.4357372	20.28739	.3207502	9.344053	10.58399	7.080112	.0822693
#1	44.12075	-.063553	48.31186	.0015504	.2462526	-.012374	31.84086
#2	43.87604	-.084016	48.25674	.0018164	.2273558	-.011336	31.83134
#3	43.74358	-.096167	48.54876	.0015518	.1990955	-.013060	31.79151

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1892267	-.004167	-.007974	-.005548	-.034719	-.013473	.2180511
Stddev	.0340952	.000741	.000172	.000312	.000292	.000490	.0057638
%RSD	18.01819	17.77886	2.154336	5.618678	.8398720	3.638824	2.643319
#1	.2282646	-.004991	-.007800	-.005188	-.034553	-.014013	.2124855
#2	.1741256	-.003557	-.007977	-.005746	-.034548	-.013055	.2239945
#3	.1652899	-.003953	-.008144	-.005709	-.035056	-.013351	.2176734

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: LR2 Acquired: 3/18/2025 13:50:04 Type: Unk
Method: NON EPA-6010-200.7(v2819) 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	.0288875	-.000547	.0015339
Stddev	.0062045	.000699	.0000104
%RSD	21.47807	127.8956	.6752156
#1	.0254992	.000214	.0015404
#2	.0360484	-.001162	.0015219
#3	.0251149	-.000692	.0015393

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2389.316	68936.55	14870.13	1980.087	4728.077
Stddev	10.128	146.69	52.51	6.588	21.842
%RSD	.4238997	.2127960	.3531003	.3327360	.4619656
#1	2393.119	68868.63	14816.17	1987.668	4737.979
#2	2396.993	68836.13	14921.05	1975.742	4743.214
#3	2377.837	69104.90	14873.16	1976.853	4703.038

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1590-02 Acquired: 3/18/2025 13:54:28 Type: Unk
Method: NON EPA-6010-200.7(v2820) 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	.9395455	.0097879	.5183409	-.016988	.0095659	69.84206
Stddev	.0020729	.0009363	.0006378	.001355	.0019053	.06605
%RSD	.2206230	9.566010	.1230418	7.977072	19.91769	.0945761
#1	.9382080	.0094635	.5190683	-.016309	.0114919	69.76928
#2	.9384951	.0108433	.5180767	-.016105	.0095236	69.89821
#3	.9419332	.0090570	.5178776	-.018548	.0076820	69.85867

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.412116	.0081626	-.000862	49.52946	.0624971	1.258743
Stddev	.009110	.0000896	.000079	.20261	.0001929	.002648
%RSD	.2669828	1.097504	9.198061	.4090733	.3087240	.2104021
#1	3.418269	.0081225	-.000942	49.40439	.0622831	1.261504
#2	3.401651	.0082652	-.000858	49.42076	.0625505	1.258502
#3	3.416429	.0081000	-.000784	49.76322	.0626577	1.256224

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1758173	106.8988	25.68422	13.05220	.1806872	.0013084
Stddev	.0006710	.4132	.22518	.07833	.0005146	.0000675
%RSD	.3816195	.3865173	.8767148	.6001334	.2847787	5.159309
#1	.1765701	107.3530	25.47887	12.97578	.1812344	.0013771
#2	.1755995	106.5452	25.64877	13.04849	.1806141	.0012422
#3	.1752823	106.7982	25.92502	13.13231	.1802131	.0013058

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	57.95992	.3076894	.4949056	25.98131	-.162934	.1491339
Stddev	.26792	.0002465	.0018065	.07834	.001524	.0003577
%RSD	.4622520	.0801038	.3650185	.3015142	.9353395	.2398396
#1	58.23527	.3074171	.4969900	26.06745	-.161835	.1489975
#2	57.94438	.3077538	.4937940	25.91433	-.162293	.1495398
#3	57.70011	.3078973	.4939328	25.96215	-.164673	.1488646

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1590-02 Acquired: 3/18/2025 13:54:28 Type: Unk
Method: NON EPA-6010-200.7(v2820) 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	.0043999	.7710803	4.046282	F 17.71844	3.647493	.1031261
Stddev	.0002602	.0012098	.137383	.05139	.014620	.0004758
%RSD	5.914192	.1568946	3.395285	.2900483	.4008215	.4613388
#1	.0041153	.7698770	4.171607	17.76879	3.663862	.1036113
#2	.0046258	.7710676	4.067847	17.72045	3.642885	.1031067
#3	.0044585	.7722965	3.899392	17.66607	3.635733	.1026604

Elem	Sr4077
Units	ppm
Avg	3.321529
Stddev	.027326
%RSD	.8226855
#1	3.305113
#2	3.306400
#3	3.353073

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3436.542	85484.30	19048.96	2555.954	4472.165
Stddev	2.549	101.45	70.81	3.870	8.609
%RSD	.0741594	.1186754	.3717324	.1513957	.1925128
#1	3433.599	85369.70	19120.37	2552.223	4462.459
#2	3438.034	85520.56	19047.75	2555.689	4475.156
#3	3437.993	85562.64	18978.76	2559.949	4478.880

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1590-02DUP Acquired: 3/18/2025 13:58:51 Type: Unk
Method: NON EPA-6010-200.7(v2820) 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	.9399282	.0085250	.5154249	-.018049	.0111790	68.79454
Stddev	.0031594	.0031862	.0011085	.001847	.0005813	.01888
%RSD	.3361337	37.37426	.2150670	10.23370	5.199873	.0274441
#1	.9364133	.0061504	.5142115	-.015956	.0112888	68.81425
#2	.9425318	.0121460	.5156787	-.019449	.0105506	68.79274
#3	.9408395	.0072787	.5163844	-.018743	.0116975	68.77662

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.393694	.0079466	-.001018	48.75536	.0629512	1.252952
Stddev	.041336	.0000977	.000108	.16985	.0005377	.002677
%RSD	1.218038	1.229463	10.57468	.3483795	.8541719	.2136339
#1	3.422205	.0080528	-.001138	48.92580	.0631573	1.250622
#2	3.346287	.0078604	-.000928	48.58610	.0623409	1.252359
#3	3.412591	.0079266	-.000989	48.75418	.0633553	1.255876

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1711349	107.2929	25.16817	12.82862	.1791220	.0015108
Stddev	.0002859	.3047	.35184	.03697	.0005641	.0003225
%RSD	.1670592	.2840221	1.397959	.2882020	.3149381	21.34925
#1	.1710477	107.4764	25.57390	12.86262	.1786491	.0011385
#2	.1714543	106.9411	24.94707	12.78926	.1789705	.0016892
#3	.1709028	107.4611	24.98355	12.83398	.1797464	.0017047

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	59.37295	.3027682	.4896732	26.45491	-.157339	.1509973
Stddev	.14265	.0008748	.0032309	.00931	.001027	.0004228
%RSD	.2402542	.2889365	.6598094	.0352104	.6526026	.2800096
#1	59.21384	.3032709	.4873629	26.45234	-.157865	.1507750
#2	59.41562	.3017580	.4882916	26.44715	-.156156	.1507321
#3	59.48940	.3032755	.4933652	26.46524	-.157996	.1514849

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1590-02DUP Acquired: 3/18/2025 13:58:51 Type: Unk
Method: NON EPA-6010-200.7(v2820) 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	.0039546	.7612345	3.071422	F 17.47656	3.599060	.1017818
Stddev	.0003257	.0024717	.021721	.03650	.008269	.0003267
%RSD	8.234959	.3246922	.7072110	.2088351	.2297428	.3209740
#1	.0043285	.7628308	3.048418	17.43929	3.592180	.1014211
#2	.0037326	.7583874	3.074266	17.47814	3.608233	.1020578
#3	.0038028	.7624851	3.091581	17.51224	3.596768	.1018666

Elem	Sr4077
Units	ppm
Avg	3.315976
Stddev	.008958
%RSD	.2701481
#1	3.315836
#2	3.307089
#3	3.325004

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3452.795	85112.34	19658.39	2506.504	4490.773
Stddev	.665	224.09	94.21	14.310	2.293
%RSD	.0192737	.2632913	.4792342	.5709169	.0510645
#1	3452.271	85022.69	19562.41	2515.977	4493.196
#2	3452.569	85367.38	19750.73	2513.493	4488.637
#3	3453.543	84946.95	19662.04	2490.043	4490.485

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1590-02LX5 Acquired: 3/18/2025 14:03:15 Type: Unk
Method: NON EPA-6010-200.7(v2820) 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	.2381593	-.002279	.1123727	-.004958	.0045843	17.72869	.8369811
Stddev	.0031994	.002337	.0014139	.003608	.0015085	.01703	.0019402
%RSD	1.343402	102.5087	1.258186	72.77510	32.90595	.0960788	.2318098
#1	.2345239	.000317	.1139989	-.007120	.0060769	17.71209	.8391818
#2	.2405465	-.004213	.1114345	-.000793	.0046157	17.72786	.8362443
#3	.2394076	-.002942	.1116846	-.006962	.0030603	17.74613	.8355173

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022061	-.001239	12.71143	.0164983	.2666653	.0462426	27.05270
Stddev	.0000351	.000039	.02874	.0001014	.0002111	.0002847	.10440
%RSD	1.591779	3.164562	.2260975	.6147503	.0791686	.6156977	.3859059
#1	.0021692	-.001205	12.72226	.0164703	.2664244	.0463080	27.16131
#2	.0022391	-.001230	12.73318	.0166109	.2668183	.0464889	27.04370
#3	.0022100	-.001282	12.67884	.0164139	.2667531	.0459308	26.95309

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.603556	3.357093	.0381672	.0003649	14.57776	.0779235	.1228811
Stddev	.006724	.009653	.0002398	.0000870	.07768	.0010543	.0008207
%RSD	.1018277	.2875478	.6281714	23.83309	.5328796	1.353053	.6678539
#1	6.610893	3.349531	.0384404	.0004653	14.59092	.0773082	.1231373
#2	6.597687	3.353782	.0380693	.0003109	14.64803	.0773214	.1235431
#3	6.602089	3.367966	.0379919	.0003187	14.49434	.0791410	.1219629

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.349312	-.046712	.0388308	-.000208	.1958935	.7941596	3.688540
Stddev	.040044	.000890	.0000751	.000462	.0010187	.0067666	.007209
%RSD	.6306899	1.904803	.1933118	222.5943	.5200148	.8520417	.1954354
#1	6.381442	-.046876	.0389022	-.000177	.1957814	.8019464	3.688179
#2	6.362044	-.045752	.0387525	-.000684	.1949355	.7908234	3.681518
#3	6.304449	-.047509	.0388375	.000239	.1969635	.7897090	3.695922

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1590-02LX5 Acquired: 3/18/2025 14:03:15 Type: Unk
Method: NON EPA-6010-200.7(v2820) 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	.7341118	.0245776	.8588012
Stddev	.0054924	.0010765	.0019376
%RSD	.7481679	4.380076	.2256140
#1	.7402479	.0234126	.8603000
#2	.7324324	.0255356	.8594903
#3	.7296552	.0247846	.8566132

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2907.895	70633.56	15756.17	2088.065	4727.942
Stddev	6.879	168.34	43.23	11.226	12.564
%RSD	.2365461	.2383341	.2743603	.5376100	.2657314
#1	2904.891	70544.48	15770.05	2086.925	4719.517
#2	2903.029	70528.47	15790.76	2077.453	4721.925
#3	2915.764	70827.73	15707.71	2099.818	4742.382

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: CCV04 Acquired: 3/18/2025 14:07:28 Type: Unk
Method: NON EPA-6010-200.7(v2820) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.771050	4.804312	4.663209	4.755478	4.822859	9.260400
Stddev	.015210	.034125	.006534	.009978	.009406	.033787
%RSD	.3188032	.7102909	.1401170	.2098125	.1950353	.3648564
#1	4.761682	4.797435	4.657459	4.745293	4.812246	9.286650
#2	4.762866	4.841352	4.661855	4.755907	4.826163	9.222279
#3	4.788600	4.774150	4.670314	4.765235	4.830166	9.272270

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.511911	.2254935	2.312129	23.54414	.9812277	2.301790
Stddev	.091131	.0013224	.004940	.08802	.0017672	.004604
%RSD	.9580690	.5864381	.2136687	.3738494	.1801011	.2000317
#1	9.617104	.2263599	2.306894	23.59984	.9793037	2.296966
#2	9.461682	.2239714	2.312786	23.44267	.9816008	2.302268
#3	9.456947	.2261492	2.316709	23.58993	.9827785	2.306138

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.181792	5.044897	2.700521	25.23096	2.298972	1.189344
Stddev	.003000	.003302	.005758	.13080	.006014	.000358
%RSD	.2538306	.0654445	.2132306	.5183926	.2616000	.0301262
#1	1.178425	5.041492	2.699796	25.29698	2.292449	1.188942
#2	1.182772	5.045116	2.695160	25.08031	2.300170	1.189463
#3	1.184179	5.048084	2.706608	25.31558	2.304297	1.189629

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.71304	2.253138	2.331334	23.39056	F 4.429588	4.780578
Stddev	.08542	.008057	.007079	.10578	.036393	.013577
%RSD	.3602409	.3575798	.3036565	.4522148	.8215898	.2840077
#1	23.64681	2.254889	2.339128	23.27207	4.453287	4.765413
#2	23.80946	2.244349	2.329573	23.47547	4.387685	4.784715
#3	23.68286	2.260174	2.325302	23.42415	4.447793	4.791605

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: CCV04 Acquired: 3/18/2025 14:07:28 Type: Unk
Method: NON EPA-6010-200.7(v2820) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.665183	F 4.381162	4.912415	4.743466	4.574399	F 4.167334
Stddev	.011696	.011807	.027020	.011786	.013542	.013706
%RSD	.2507059	.2694940	.5500304	.2484683	.2960477	.3288835
#1	4.651679	4.387083	4.881753	4.733960	4.570841	4.167780
#2	4.672034	4.367567	4.922753	4.756653	4.589365	4.153411
#3	4.671838	4.388838	4.932739	4.739785	4.562991	4.180812

Elem	Sr4077
Units	ppm
Avg	F 4.338843
Stddev	.022616
%RSD	.5212433
#1	4.313692
#2	4.357505
#3	4.345333

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2739.279	67873.06	14287.03	2020.309	4630.522
Stddev	.673	112.44	84.33	5.534	1.947
%RSD	.0245519	.1656593	.5902845	.2739305	.0420400
#1	2740.046	67995.70	14261.94	2021.309	4630.223
#2	2738.998	67848.65	14381.06	2014.343	4628.742
#3	2738.793	67774.83	14218.08	2025.275	4632.601

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: CCB04 Acquired: 3/18/2025 14:20:03 Type: Unk
Method: NON EPA-6010-200.7(v2821) 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	.0008777	-.002846	-.000088	.0009689	.0023717	.0079333	.0005104
Stddev	.0024826	.000481	.001636	.0031999	.0001106	.0065776	.0004224
%RSD	282.8608	16.89446	1854.104	330.2685	4.663423	82.91214	82.76477
#1	-.001602	-.003400	.001228	.0035313	.0022474	.0035890	.0004429
#2	.003363	-.002535	.000427	.0019930	.0024083	.0155009	.0009625
#3	.000871	-.002603	-.001920	-.002618	.0024594	.0047099	.0001258

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000821	-.000004	-.002430	.0000783	.0001146	.0000689	-.002945
Stddev	.0000998	.000087	.002841	.0006639	.0000727	.0002592	.001249
%RSD	121.5216	2367.387	116.9279	847.5954	63.38013	376.3239	42.41102
#1	.0000170	-.000030	-.004602	.0007859	.0001712	.0002520	-.003809
#2	.0000323	.000093	-.003473	-.000020	.0001401	-.000228	-.001513
#3	.0001970	-.000075	.000785	-.000531	.0000327	.000182	-.003512

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000754	-.001105	.0002810	.0005503	.0278353	-.001428	-.000062
Stddev	.000464	.008584	.0001984	.0003057	.0055495	.000907	.000278
%RSD	61.57404	777.1917	70.61015	55.54610	19.93699	63.50445	446.6291
#1	-.000224	.001068	.0003779	.0008287	.0265278	-.000400	-.000382
#2	-.001090	-.010566	.0004123	.0005991	.0230562	-.001773	.000083
#3	-.000947	.006185	.0000528	.0002232	.0339218	-.002113	.000113

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.029039	-.004105	-.000019	.0001198	.0012867	-.000435	-.004474
Stddev	.019691	.000417	.000194	.0006717	.0006040	.003345	.000863
%RSD	67.81032	10.16068	999.4084	560.8514	46.94060	769.3977	19.29927
#1	-.047151	-.004411	-.000240	.0008858	.0006979	-.003549	-.005447
#2	-.031886	-.003630	.000125	-.000158	.0019048	.003101	-.004177
#3	-.008079	-.004273	.000057	-.000369	.0012574	-.000856	-.003799

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: CCB04 Acquired: 3/18/2025 14:20:03 Type: Unk
Method: NON EPA-6010-200.7(v2821) 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	-.000293	-.002196	.0000263
Stddev	.003172	.000750	.0000233
%RSD	1082.287	34.16834	88.94737
#1	.002030	-.002972	.0000039
#2	.000998	-.001475	.0000243
#3	-.003907	-.002140	.0000505

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2810.045	68824.97	14754.63	2046.453	4994.488
Stddev	2.717	273.28	16.12	6.689	3.274
%RSD	.0967035	.3970629	.1092342	.3268614	.0655437
#1	2810.590	68540.20	14773.23	2041.142	4996.671
#2	2807.096	68849.61	14744.79	2044.250	4990.724
#3	2812.448	69085.09	14745.88	2053.965	4996.068

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1590-02MS Acquired: 3/18/2025 14:24:23 Type: Unk
Method: NON EPA-6010-200.7(v2821) 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	1.502959	1.757825	1.019229	1.354689	.2229541	85.75714
Stddev	.022516	.023781	.023229	.020980	.0026543	.12056
%RSD	1.498105	1.352850	2.279107	1.548709	1.190531	.1405816
#1	1.476989	1.730923	.992766	1.330485	.2199606	85.73203
#2	1.514885	1.766507	1.028671	1.367682	.2238814	85.88828
#3	1.517003	1.776044	1.036251	1.365900	.2250205	85.65112

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.731990	.1403538	.1772877	46.57970	.3704678	.2406954
Stddev	.002659	.0001204	.0045197	.11949	.0006096	.0055933
%RSD	.1535404	.0857471	2.549364	.2565269	.1645534	2.323805
#1	1.729338	.1403837	.1721816	46.71005	.3711079	.2342525
#2	1.734656	.1402213	.1789063	46.55371	.3704015	.2435277
#3	1.731978	.1404564	.1807753	46.47535	.3698941	.2443061

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3797517	127.4929	1.621980	14.74243	.5658469	.0435885
Stddev	.0070743	.1168	.006288	.04599	.0121135	.0001395
%RSD	1.862884	.0916235	.3876786	.3119785	2.140765	.3200478
#1	.3716941	127.5772	1.614869	14.77751	.5519985	.0435646
#2	.3826179	127.5419	1.624268	14.69036	.5710675	.0434624
#3	.3849432	127.3595	1.626804	14.75941	.5744746	.0437384

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	71.92330	.4032592	.6660280	36.42779	-.117878	.2656575
Stddev	.10511	.0014662	.0017562	.04540	.000777	.0040473
%RSD	.1461367	.3635838	.2636831	.1246372	.6589789	1.523516
#1	71.92646	.4035178	.6664883	36.40776	-.117000	.2610039
#2	72.02679	.4016810	.6675083	36.47977	-.118475	.2676116
#3	71.81665	.4045789	.6640875	36.39585	-.118160	.2683571

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1590-02MS Acquired: 3/18/2025 14:24:23 Type: Unk
Method: NON EPA-6010-200.7(v2821) 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	.6315747	.9653456	3.715998	F 18.56541	3.446393	.1972386
Stddev	.0122201	.0012543	.043842	.40889	.068111	.0007500
%RSD	1.934864	.1299330	1.179809	2.202434	1.976294	.3802278
#1	.6177786	.9640392	3.706906	18.09626	3.368204	.1971468
#2	.6359075	.9654571	3.677415	18.75405	3.478137	.1965387
#3	.6410382	.9665404	3.763672	18.84593	3.492836	.1980302

Elem	Sr4077
Units	ppm
Avg	2.729444
Stddev	.020504
%RSD	.7512190
#1	2.731146
#2	2.749044
#3	2.708142

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3350.902	82255.68	18943.46	2417.903	4435.926
Stddev	48.768	136.20	21.33	4.679	85.538
%RSD	1.455366	.1655869	.1126123	.1935251	1.928306
#1	3407.208	82098.68	18925.47	2412.646	4534.153
#2	3322.005	82326.19	18967.03	2419.448	4395.784
#3	3323.494	82342.18	18937.88	2421.614	4377.843

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1590-02MSD Acquired: 3/18/2025 14:28:31 Type: Unk
Method: NON EPA-6010-200.7(v2821) 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	1.501088	1.769738	1.017942	1.350818	.2264828	84.20054
Stddev	.004518	.007076	.001257	.001152	.0009401	.14327
%RSD	.3009718	.3998470	.1234806	.0852919	.4151085	.1701542
#1	1.496613	1.762703	1.016558	1.351894	.2254184	84.05542
#2	1.505647	1.769655	1.018257	1.350956	.2268301	84.20431
#3	1.501004	1.776855	1.019012	1.349603	.2271999	84.34189

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.732852	.1388291	.1779120	45.23367	.3650323	.2406146
Stddev	.003227	.0001525	.0002579	.04454	.0013174	.0005534
%RSD	.1862093	.1098858	.1449538	.0984559	.3608876	.2299782
#1	1.730457	.1387815	.1776263	45.18458	.3647772	.2405064
#2	1.731577	.1389998	.1779820	45.24497	.3664585	.2401233
#3	1.736521	.1387060	.1781277	45.27147	.3638611	.2412140

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3842136	124.3729	1.632472	14.58883	.5680864	.0422787
Stddev	.0011834	.1807	.004680	.01968	.0014663	.0005062
%RSD	.3080043	.1452904	.2866954	.1348715	.2581177	1.197286
#1	.3830006	124.3856	1.635594	14.57457	.5670586	.0422733
#2	.3842752	124.5470	1.634731	14.61128	.5697655	.0417752
#3	.3853650	124.1862	1.627090	14.58065	.5674350	.0427876

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	69.89479	.4008507	.6106992	35.84802	-.115266	.2708478
Stddev	.07525	.0020104	.0040137	.10475	.002605	.0001531
%RSD	.1076629	.5015228	.6572319	.2922105	2.260256	.0565172
#1	69.97618	.3995583	.6088922	35.96896	-.113152	.2709314
#2	69.88044	.4031669	.6152988	35.78580	-.114470	.2709408
#3	69.82774	.3998270	.6079067	35.78930	-.118176	.2706711

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1590-02MSD Acquired: 3/18/2025 14:28:31 Type: Unk
Method: NON EPA-6010-200.7(v2821) 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	.6328087	.9607080	3.124072	F 18.54675	3.420824	.1950677
Stddev	.0003450	.0004959	.024967	.03714	.001327	.0003723
%RSD	.0545131	.0516127	.7991964	.2002406	.0387910	.1908415
#1	.6331422	.9605166	3.104411	18.50435	3.420340	.1947580
#2	.6324533	.9612711	3.115641	18.57352	3.419807	.1954807
#3	.6328307	.9603365	3.152163	18.56238	3.422325	.1949643

Elem	Sr4077
Units	ppm
Avg	2.750374
Stddev	.018625
%RSD	.6771972
#1	2.740680
#2	2.771847
#3	2.738595

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3352.587	85031.67	19261.21	2509.557	4454.997
Stddev	1.529	133.28	23.21	10.396	2.726
%RSD	.0456184	.1567445	.1204871	.4142493	.0611914
#1	3352.635	84965.83	19287.72	2516.543	4454.131
#2	3354.092	84944.12	19244.58	2497.610	4452.809
#3	3351.034	85185.06	19251.33	2514.519	4458.051

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1590-02A Acquired: 3/18/2025 14:32:39 Type: Unk
Method: NON EPA-6010-200.7(v2821) 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	1.433441	1.419312	1.220266	1.131809	.3347254	70.84335
Stddev	.083241	.265842	.131625	.220137	.0617490	.10044
%RSD	5.807084	18.73036	10.78663	19.45004	18.44767	.1417798
#1	1.349715	1.153673	1.092302	.915104	.2766101	70.94959
#2	1.434420	1.418904	1.213225	1.125098	.3280074	70.83051
#3	1.516189	1.685357	1.355270	1.355225	.3995588	70.74994

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.132848	.0683042	.1449694	47.67496	.1999914	1.420762
Stddev	.056993	.0078852	.0273266	.21971	.0179433	.021635
%RSD	1.379026	11.54428	18.84991	.4608557	8.972020	1.522750
#1	4.133185	.0605358	.1181042	47.92843	.1819605	1.399393
#2	4.075687	.0680755	.1440690	47.53877	.2001680	1.420242
#3	4.189671	.0763013	.1727352	47.55768	.2178457	1.442653

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3572229	97.59071	21.88754	11.91001	.5480222	.0248358
Stddev	.0327190	.29712	.20731	.10342	.0681163	.0031927
%RSD	9.159260	.3044579	.9471532	.8683195	12.42949	12.85515
#1	.3255590	97.91422	21.86170	11.81375	.4819606	.0217472
#2	.3552062	97.33002	22.10656	11.89694	.5440836	.0246368
#3	.3909036	97.52789	21.69436	12.01935	.6180224	.0281232

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	60.48081	.3586807	.6026407	27.64666	-.082098	.3076269
Stddev	.12626	.0170540	.0093054	.56655	.011479	.0309296
%RSD	.2087578	4.754658	1.544109	2.049249	13.98243	10.05427
#1	60.37712	.3418886	.5920595	27.09159	-.094114	.2788666
#2	60.62141	.3581683	.6063131	27.62437	-.080935	.3036691
#3	60.44390	.3759852	.6095497	28.22403	-.071244	.3403449

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1590-02A Acquired: 3/18/2025 14:32:39 Type: Unk
Method: NON EPA-6010-200.7(v2821) 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	.3484358	.8104368	4.404623	F 22.46592	3.768387	.1322614
Stddev	.0666766	.0048815	.022403	.72762	.018973	.0125221
%RSD	19.13596	.6023323	.5086250	3.238753	.5034806	9.467664
#1	.2866865	.8057613	4.430440	21.76575	3.786888	.1199216
#2	.3394856	.8100482	4.393128	22.41383	3.769298	.1319046
#3	.4191354	.8155011	4.390300	23.21818	3.748975	.1449581

Elem	Sr4077
Units	ppm
Avg	3.364492
Stddev	.017405
%RSD	.5173070
#1	3.384527
#2	3.355849
#3	3.353101

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3382.591	86023.83	19575.59	2551.874	4407.879
Stddev	3.832	74.01	30.33	8.956	6.294
%RSD	.1132834	.0860388	.1549463	.3509510	.1427929
#1	3378.516	85987.89	19545.43	2560.205	4401.144
#2	3383.135	85974.66	19606.09	2542.403	4408.879
#3	3386.121	86108.96	19575.24	2553.015	4413.613

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1592-01 Acquired: 3/18/2025 14:37:06 Type: Unk
Method: NON EPA-6010-200.7(v2821) 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	.0819642	.0047710	.4250399	-.023196	-.001464	64.20662	.4497949
Stddev	.0023148	.0015885	.0055432	.003114	.001851	.22443	.0035445
%RSD	2.824154	33.29496	1.304167	13.42327	126.4029	.3495450	.7880273
#1	.0805687	.0051057	.4187630	-.022389	-.001898	64.25174	.4536962
#2	.0846362	.0030418	.4292636	-.026634	-.003060	63.96306	.4467726
#3	.0806877	.0061654	.4270931	-.020566	.000565	64.40507	.4489159

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073343	-.005162	111.0217	.2104306	.0570020	.1527307	176.2507
Stddev	.0000675	.000230	.4710	.0001612	.0005552	.0010647	.6548
%RSD	.9202122	4.462349	.4242470	.0766298	.9740688	.6971178	.3715364
#1	.0073286	-.005423	111.3109	.2104333	.0569657	.1522675	176.9913
#2	.0072698	-.005072	110.4782	.2105905	.0575745	.1539486	176.0121
#3	.0074044	-.004989	111.2760	.2102680	.0564658	.1519761	175.7486

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.679733	23.97875	.1031765	-.001262	2.799222	.2400318	.8821300
Stddev	.007441	.12083	.0002316	.000229	.007226	.0024747	.0023738
%RSD	.4429999	.5039102	.2245152	18.13317	.2581502	1.030967	.2690987
#1	1.687673	24.01791	.1029830	-.001027	2.806876	.2386675	.8847580
#2	1.672919	23.84319	.1034332	-.001484	2.798274	.2385395	.8814905
#3	1.678606	24.07514	.1031133	-.001274	2.792517	.2428883	.8801414

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.02006	-.385978	.0114057	.0062557	.9271299	5.597140	8.723839
Stddev	.09309	.003343	.0002395	.0004740	.0031629	.048359	.067966
%RSD	.8447008	.8660338	2.100083	7.577759	.3411498	.8639941	.7790865
#1	11.11457	-.385733	.0113340	.0062005	.9307690	5.541949	8.681006
#2	11.01716	-.382764	.0116729	.0067550	.9255781	5.617383	8.802207
#3	10.92847	-.389436	.0112103	.0058117	.9250425	5.632087	8.688305

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: Q1592-01 Acquired: 3/18/2025 14:37:06 Type: Unk
Method: NON EPA-6010-200.7(v2821) 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	7.343820	.1116823	.3173416
Stddev	.037476	.0000551	.0026200
%RSD	.5103117	.0493268	.8256019
#1	7.313160	.1117073	.3196705
#2	7.385597	.1117204	.3145049
#3	7.332702	.1116191	.3178494

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2781.145	71137.13	16341.66	2104.342	4348.874
Stddev	16.159	134.03	68.25	2.973	23.894
%RSD	.5810263	.1884167	.4176625	.1412734	.5494226
#1	2788.048	71048.51	16328.74	2101.902	4360.034
#2	2762.680	71071.56	16415.45	2107.653	4321.442
#3	2792.705	71291.33	16280.79	2103.472	4365.146

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: PB167179BL Acquired: 3/18/2025 14:41:10 Type: Unk
Method: NON EPA-6010-200.7(v2821) 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	-.000403	-.002377	-.000857	-.000144	.0023176	.0047681	-.000404
Stddev	.001275	.002765	.000507	.003647	.0020896	.0037942	.001052
%RSD	316.1666	116.3348	59.17492	2537.960	90.16308	79.57524	260.3201
#1	-.001874	-.002030	-.000389	.003290	.0047294	.0011540	-.001483
#2	.000397	.000198	-.001397	-.003971	.0011708	.0044304	-.000347
#3	.000267	-.005300	-.000787	.000250	.0010524	.0087199	.000618

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001230	-.000044	-.010682	.0000612	.0001695	-.000144	.0088580
Stddev	.0000251	.000013	.003906	.0004724	.0001440	.000073	.0057381
%RSD	20.42479	28.64377	36.56588	772.4137	84.95502	50.44301	64.77803
#1	.0001326	-.000030	-.010650	.0002851	.0001296	-.000061	.0022578
#2	.0001420	-.000053	-.006792	-.000482	.0000497	-.000197	.0126607
#3	.0000945	-.000049	-.014603	.000380	.0003292	-.000175	.0116557

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002830	.0129392	.0002182	.0005480	.0196967	-.000440	-.000435
Stddev	.000319	.0187711	.0002413	.0001224	.0100468	.000875	.000212
%RSD	11.26287	145.0714	110.5712	22.34399	51.00767	199.0819	48.73416
#1	-.002470	.0005688	.0003338	.0004743	.0084942	.000147	-.000454
#2	-.003075	.0345382	-.000059	.0004803	.0226869	-.001446	-.000214
#3	-.002946	.0037107	.000380	.0006894	.0279088	-.000021	-.000636

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.030663	-.005863	-.000068	-.000555	.0006354	.0010457	-.002789
Stddev	.021340	.000380	.000119	.000375	.0004605	.0023098	.000634
%RSD	69.59705	6.488300	174.0531	67.51445	72.47328	220.8884	22.74387
#1	-.011968	-.005618	-.000064	-.000409	.0006576	-.000622	-.003486
#2	-.053913	-.005669	-.000189	-.000982	.0010845	.000077	-.002247
#3	-.026106	-.006301	.000048	-.000276	.0001643	.003682	-.002634

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: PB167179BL Acquired: 3/18/2025 14:41:10 Type: Unk
Method: NON EPA-6010-200.7(v2821) 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	.0029484	-.002702	.0000244
Stddev	.0052883	.000244	.0000284
%RSD	179.3602	9.029530	116.2534
#1	-.001292	-.002546	.0000559
#2	.008874	-.002984	.0000009
#3	.001263	-.002578	.0000165

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2802.399	69139.45	15185.79	2060.072	4975.359
Stddev	4.257	358.02	49.12	20.384	14.943
%RSD	.1519210	.5178211	.3234590	.9894811	.3003461
#1	2797.943	69543.30	15242.29	2083.050	4965.129
#2	2802.829	69014.03	15161.87	2053.002	4968.441
#3	2806.425	68861.01	15153.22	2044.165	4992.508

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: PB167179BS Acquired: 3/18/2025 14:45:29 Type: Unk
Method: NON EPA-6010-200.7(v2821) 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	.7465904	1.912145	.9021116	1.891056	.7755730	1.815153
Stddev	.0046966	.012021	.0019304	.011217	.0038995	.008025
%RSD	.6290745	.6286640	.2139908	.5931795	.5027895	.4420988
#1	.7431734	1.905450	.8999292	1.880808	.7715704	1.811927
#2	.7446518	1.904963	.9028098	1.889320	.7757880	1.824289
#3	.7519460	1.926023	.9035957	1.903040	.7793606	1.809244

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2014750	.1752701	.1804022	.8670938	.3922856	.1828452
Stddev	.0007201	.0004249	.0007241	.0044197	.0049390	.0006731
%RSD	.3574071	.2424095	.4013743	.5097185	1.259019	.3681483
#1	.2022769	.1748322	.1798831	.8689699	.3917260	.1823052
#2	.2008837	.1752975	.1800942	.8702661	.3974804	.1826312
#3	.2012645	.1756806	.1812294	.8620455	.3876502	.1835994

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2935657	2.684279	.1793277	1.735320	.4584559	.0721863
Stddev	.0018347	.025454	.0004443	.013844	.0017616	.0007549
%RSD	.6249620	.9482636	.2477491	.7977781	.3842412	1.045708
#1	.2917666	2.687013	.1794862	1.732002	.4571755	.0720773
#2	.2934966	2.708256	.1796709	1.723437	.4577273	.0729897
#3	.2954340	2.657568	.1788259	1.750522	.4604649	.0714918

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.839389	.2636720	.1909091	8.719075	.2450509	.3853033
Stddev	.049780	.0007480	.0020038	.121351	.0009674	.0027731
%RSD	1.753194	.2836942	1.049592	1.391786	.3947665	.7197321
#1	2.843126	.2645303	.1909098	8.753528	.2444606	.3835252
#2	2.887195	.2631588	.1929125	8.819473	.2445249	.3838861
#3	2.787846	.2633269	.1889049	8.584222	.2461674	.3884987

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: PB167179BS Acquired: 3/18/2025 14:45:29 Type: Unk
Method: NON EPA-6010-200.7(v2821) 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	.6411762	.1718681	.7530819	5.420045	F -.004739	.1651139
Stddev	.0013252	.0008243	.0082567	.019851	.000754	.0007250
%RSD	.2066876	.4796150	1.096393	.3662519	15.91537	.4391196
#1	.6406402	.1715040	.7617146	5.418494	-.004031	.1656385
#2	.6402030	.1728118	.7522701	5.401015	-.004653	.1654167
#3	.6426855	.1712886	.7452611	5.440626	-.005533	.1642865

Elem	Sr4077
Units	ppm
Avg	.1677181
Stddev	.0009984
%RSD	.5952843
#1	.1685494
#2	.1679941
#3	.1666107

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2799.333	70248.87	14976.27	2080.156	4949.280
Stddev	4.226	544.58	27.78	14.189	3.316
%RSD	.1509753	.7752164	.1854918	.6821223	.0670015
#1	2800.591	70302.74	14978.03	2074.968	4946.981
#2	2802.788	69679.36	15003.12	2069.291	4953.081
#3	2794.621	70764.51	14947.65	2096.209	4947.778

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: CCV05 Acquired: 3/18/2025 14:49:31 Type: Unk
Method: NON EPA-6010-200.7(v2821) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.919950	4.900528	4.791358	4.903472	4.966567	9.410571
Stddev	.008841	.026587	.009089	.008916	.012214	.030964
%RSD	.1796991	.5425258	.1896971	.1818260	.2459252	.3290338
#1	4.928026	4.917374	4.795485	4.911832	4.969964	9.445336
#2	4.921319	4.914332	4.780937	4.904495	4.976724	9.385957
#3	4.910504	4.869879	4.797651	4.894089	4.953014	9.400419

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.79737	.2266868	2.373182	22.91116	1.003221	2.365935
Stddev	.18262	.0011027	.006119	.01539	.000712	.002033
%RSD	1.691333	.4864435	.2578344	.0671892	.0709704	.0859169
#1	10.98476	.2274315	2.379140	22.91322	1.003030	2.367868
#2	10.78740	.2272089	2.366914	22.92542	1.004009	2.363816
#3	10.61993	.2254200	2.373493	22.89484	1.002624	2.366122

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.220403	4.722690	2.361927	22.61620	2.364214	1.232512
Stddev	.002459	.015738	.003857	.01757	.004226	.000319
%RSD	.2014729	.3332461	.1632799	.0777094	.1787408	.0258942
#1	1.223242	4.709932	2.360448	22.62476	2.369025	1.232680
#2	1.218970	4.740277	2.359028	22.62785	2.361104	1.232712
#3	1.218997	4.717861	2.366304	22.59598	2.362512	1.232144

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.05053	2.306897	2.443414	23.87406	F 4.473342	4.904376
Stddev	.03987	.000758	.006819	.04279	.017084	.011433
%RSD	.1591615	.0328384	.2790933	.1792501	.3819108	.2331118
#1	25.02764	2.307032	2.450888	23.83205	4.491016	4.916602
#2	25.02738	2.307577	2.437531	23.87254	4.472093	4.902577
#3	25.09657	2.306080	2.441822	23.91759	4.456917	4.893950

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: CCV05 Acquired: 3/18/2025 14:49:31 Type: Unk
Method: NON EPA-6010-200.7(v2821) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.781896	4.512334	5.189807	4.922227	4.748794	F 4.300914
Stddev	.011264	.004926	.022967	.004692	.008358	.008745
%RSD	.2355642	.1091683	.4425401	.0953325	.1760104	.2033249
#1	4.794404	4.517992	5.166566	4.927643	4.757451	4.310219
#2	4.772552	4.509001	5.190367	4.919640	4.748162	4.292866
#3	4.778731	4.510008	5.212490	4.919397	4.740770	4.299656

Elem	Sr4077
Units	ppm
Avg	4.525551
Stddev	.027842
%RSD	.6152180
#1	4.550283
#2	4.530972
#3	4.495397

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2730.969	67599.74	14670.86	2019.942	4614.968
Stddev	2.311	202.51	48.64	2.787	3.836
%RSD	.0846353	.2995712	.3315120	.1379828	.0831245
#1	2728.640	67757.68	14658.42	2018.156	4614.030
#2	2731.005	67371.44	14629.66	2018.517	4619.186
#3	2733.262	67670.12	14724.51	2023.154	4611.688

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: CCB05 Acquired: 3/18/2025 14:53:41 Type: Unk
Method: NON EPA-6010-200.7(v2821) 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	.0012667	-.001141	-.000120	-.000787	.0013572	-.001388	.0008297
Stddev	.0011720	.000472	.000140	.002474	.0010953	.005074	.0008044
%RSD	92.52428	41.32416	116.8164	314.1273	80.70187	365.5921	96.95090
#1	.0026195	-.000686	-.000120	.001522	.0017924	-.005649	.0008271
#2	.0006199	-.001110	.000020	-.003398	.0001112	.004226	.0016353
#3	.0005606	-.001628	-.000259	-.000486	.0021681	-.002741	.0000266

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000778	.0000436	-.010381	.0001950	-.000057	.0000882	.0026112
Stddev	.0000369	.0001044	.002435	.0001863	.000204	.0004753	.0035891
%RSD	47.37659	239.7296	23.45132	95.54754	359.9877	538.8364	137.4480
#1	.0001072	-.000040	-.011256	-.000006	.000110	-.000460	.0067535
#2	.0000899	.000161	-.012258	.000362	.000005	.000385	.0004250
#3	.0000364	.000009	-.007630	.000229	-.000284	.000339	.0006553

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002750	.0033790	.0002937	.0005400	.0030565	-.000431	-.000026
Stddev	.000263	.0062394	.0002991	.0004314	.0065411	.000722	.000237
%RSD	9.548032	184.6537	101.8355	79.89502	214.0050	167.4225	925.8910
#1	-.002925	.0069860	.0006239	.0007013	.0093603	-.001201	-.000062
#2	-.002878	-.003826	.0002161	.0008675	.0035080	.000230	.000227
#3	-.002448	.006977	.0000411	.0000512	-.003699	-.000323	-.000242

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.054603	.0002067	.0002802	-.000714	.0008288	.0032393	-.004478
Stddev	.015390	.0001857	.0000348	.000395	.0003313	.0046469	.002405
%RSD	28.18488	89.79795	12.41901	55.29926	39.97855	143.4558	53.70126
#1	-.070087	-.000004	.0002498	-.000667	.0004862	.0034265	-.006998
#2	-.054413	.000344	.0002727	-.001131	.0011476	.0077897	-.002208
#3	-.039309	.000281	.0003182	-.000345	.0008525	-.001498	-.004228

Reviewed By:jaswal
On:3/20/2025 11:14:55 AM
Inst Id :P4
LB :LB135083

Sample Name: CCB05 Acquired: 3/18/2025 14:53:41 Type: Unk
Method: NON EPA-6010-200.7(v2821) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB05 Custom ID2: Custom ID3:
Comment:

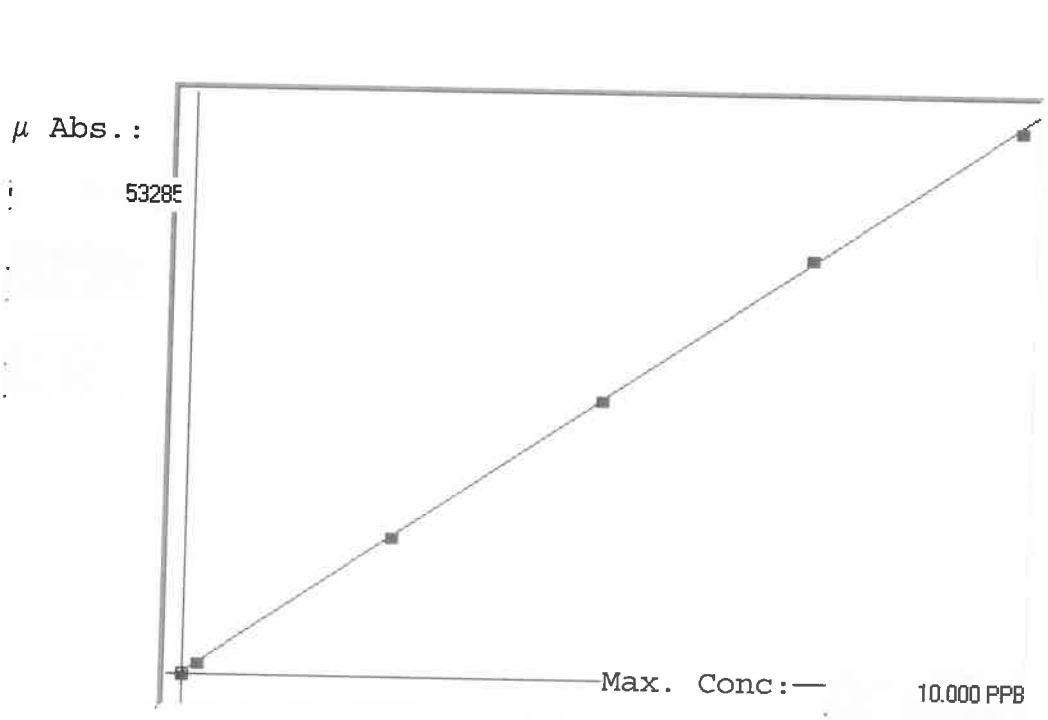
Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000658	-.003154	.0001342
Stddev	.003149	.000863	.0000292
%RSD	478.7949	27.36177	21.80310
#1	.001340	-.002543	.0001241
#2	-.004287	-.002778	.0001671
#3	.000974	-.004141	.0001113

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2833.302	72109.85	15024.35	2155.037	5064.794
Stddev	6.802	352.35	72.45	9.501	11.542
%RSD	.2400866	.4886255	.4821947	.4408588	.2278848
#1	2826.262	71757.74	15082.81	2144.526	5051.929
#2	2839.838	72462.43	14943.30	2163.012	5068.212
#3	2833.805	72109.39	15046.94	2157.574	5074.241

Reviewed By:jaswal
On:3/18/2025 11:30:22 PM
Inst Id :CV1
LB :LB135056

LB135056
~~LB135086~~

7471B / INSTRUMENT ID: CV1



A= 0.0000e+000
B= 1.8689e-004
C= -3.0558e-002
Rho= 0.9999172
Accept=Accepted

Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0.0	0.000	-0.014	-0.014	87	0.000	87				
0.2	0.200	0.185	-0.015	1153	0.0 %	1153				
2.5	2.500	2.507	0.007	13579	0.0 %	13579				
5.0	5.000	5.006	0.006	26948	0.0 %	26948				
7.5	7.500	7.588	0.088	40767	0.0 %	40767				
10.0	10.000	9.928	-0.072	53285	0.0 %	53285				

6/20
-1
-8
0
0
1
-1

Reviewed By:jaswal
On:3/18/2025 11:30:22 PM
Inst Id :CV1
LB :LB135056

LB135056 INSTRUMENT ID : CV1

Method: 7471B Operator: Admin Date of Analysis: 17 Mar 2025 13:02:04

Sample ID	Extended ID	µ Abs	Conc	Stnd Conc	Method	Units	Date	Type	Type
0.0 - 1	50	87	-	0.00000	7471B	PPB	17 Mar 2025 13:06:08	S	Std
0.2 - 1	50-2	1153	-	0.20000	7471B	PPB	17 Mar 2025 13:08:25	S	Std
2.5 - 1	52.5	13579	-	2.50000	7471B	PPB	17 Mar 2025 13:10:42	S	Std
5.0 - 1	5 5	26948	-	5.00000	7471B	PPB	17 Mar 2025 13:12:58	S	Std
7.5 - 1	10	40767	-	7.50000	7471B	PPB	17 Mar 2025 13:20:53	S	Std
10.0 - 1	ICV45	53285	-	10.00000	7471B	PPB	17 Mar 2025 13:25:46	S	Std
ICV45 - 1	ICB45	21420	3.9726		-7471B	PPB	17 Mar 2025 13:28:40	U	SMPL
ICB45 - 1	CCV17	-55	-0.0408		-7471B	PPB	17 Mar 2025 13:30:56	U	SMPL
CCV17 - 1	CCB17	27261	5.0643		-7471B	PPB	17 Mar 2025 13:33:14	U	SMPL
CCB17 - 1	CRA	-140	-0.0567		-7471B	PPB	17 Mar 2025 13:35:28	U	SMPL
CRA - 1	HighStd	1198	0.1933		-7471B	PPB	17 Mar 2025 13:37:46	U	SMPL
HighStd - 1	ChkStd	52629	9.8053		-7471B	PPB	17 Mar 2025 13:40:01	U	SMPL
ChkStd - 1	PBS	37987	7.0689		-7471B	PPB	17 Mar 2025 13:42:17	U	SMPL
PB167162BL - 1	LCSS	127	-0.0068		-7471B	PPB	17 Mar 2025 13:44:36	U	SMPL
PB167162BS - 1	CTWK-COMP	18214	3.3735		-7471B	PPB	17 Mar 2025 13:46:55	U	SMPL
Q1566-01 - 1	JC-03-03132025	1138	0.1821		-7471B	PPB	17 Mar 2025 13:49:11	U	SMPL
Q1568-01 - 1	TAP-IDW-SOIL-031325-02	3859	0.6907		-7471B	PPB	17 Mar 2025 13:51:31	U	SMPL
Q1569-04 - 1	WC1	189	0.0048		-7471B	PPB	17 Mar 2025 13:53:52	U	SMPL
Q1574-01 - 1	TR-06-031425	814230	HIGH		-7471B	PPB	17 Mar 2025 13:56:11	X	
Q1581-01 - 1	CCV18	175557	HIGH		-7471B	PPB	17 Mar 2025 13:57:58	X	
CCV18 - 1	CCB18	27149	5.0433		-7471B	PPB	17 Mar 2025 14:05:29	U	SMPL
CCB18 - 1	OK-02-03142025	-147	-0.0580		-7471B	PPB	17 Mar 2025 14:07:45	U	SMPL
Q1585-01 - 1	OK-02-03142025DUP	767	0.1128		-7471B	PPB	17 Mar 2025 14:14:34	U	SMPL
Q1585-01DUP - 1	OK-02-03142025MS	505	0.0638		-7471B	PPB	17 Mar 2025 14:16:50	U	SMPL
Q1585-01MS - 1	OK-02-03142025MSD	23105	4.2876		-7471B	PPB	17 Mar 2025 14:19:05	U	SMPL
Q1585-01MSD - 1		21267	3.9441		-7471B	PPB	17 Mar 2025 14:21:21	U	SMPL
Q1585-01LX5 - 1		348	0.0345		-7471B	PPB	17 Mar 2025 14:23:39	U	SMPL
Q1585-01A - 1		22791	4.2289		-7471B	PPB	17 Mar 2025 14:25:58	U	SMPL
Q1574-01DLX10 - 1		142720	26.6425		-7471B	PPB	17 Mar 2025 14:28:15	U	SMPL
Q1581-01DLX10 - 1		15663	2.8967		-7471B	PPB	17 Mar 2025 14:30:34	U	SMPL
Q1574-01DL2X50 - 1		31556	5.8670		-7471B	PPB	17 Mar 2025 14:37:48	U	SMPL
CCV19 - 1	CCV19	28475	5.2912		-7471B	PPB	17 Mar 2025 14:40:06	U	SMPL
CCB19 - 1	CCB19	91	-0.0136		-7471B	PPB	17 Mar 2025 14:42:24	U	SMPL

17 Mar 2025 15:25

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB167145

SOP ID : M3050B-Digestion-20

SDG No : N/A

Matrix : SOIL

Pippete ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

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

Start Digest Date: 03/14/2025 **Time :** 15:20 **Temp :** 96 °C

End Digest Date: 03/14/2025 **Time :** 17:25 **Temp :** 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #2

Dig Technician Signature: SKS.

Supervisor Signature:

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	1.00	M6003
LFS-2	1.00	M6011
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
1:1 HNO3	10.00	MP84041
Conc. HNO3	5.00	M6158
30% H2O2	3.00	M6125
Conc. HCL	10.00	M6151
PTFE Boiling Stones	N/A	M5585
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK # 2 CELL 35 Temp :96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
03/14/25 18:25	SKS. met-dig.	Metals Lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB167145

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
PB167145BL	PBS145	N/A	2.13	100	Brown	Yellow	Medium	N/A	N/A	1
PB167145BS	LCS145	N/A	2.40	100	Brown	Yellow	Medium	N/A	M6003,M6011	2
Q1569-04	TAP-IDW-SOIL-031325-02	N/A	2.17	100	Brown	Yellow	Medium	N/A	N/A	3
Q1574-01	WC1	N/A	2.33	100	Brown	Yellow	Medium	N/A	N/A	4
Q1581-01	TR-06-031425	N/A	2.37	100	Brown	Yellow	Medium	N/A	N/A	5
Q1581-01MS	TR-06-031425MS	N/A	2.28	100	Brown	Yellow	Medium	N/A	M6003,M6011	7
Q1581-01MSD	TR-06-031425MSD	N/A	2.06	100	Brown	Yellow	Medium	N/A	M6003,M6011	8
Q1581-01DUP	TR-06-031425DUP	N/A	2.22	100	Brown	Yellow	Medium	N/A	N/A	6

WORKLIST(Hardcopy Internal Chain)

WorkList Name : PB167145 **WorkList ID :** 188294 **Department :** Digestion **Date :** 03-14-2025 14:53:37

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1569-04	TAP-IDW-SOIL-031325-02	Solid	Metals ICP-TAL	Cool 4 deg C	WEST04		03/13/2025	6010D
Q1574-01	WC1	Solid	Metals ICP-TAL	Cool 4 deg C	GENV01	I41	03/12/2025	6010D
Q1581-01	TR-06-031425	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG05	I41	03/14/2025	6010D

Date/Time 03/14/25 15:10
Raw Sample Received by: SGS, mob dig
Raw Sample Relinquished by: RM SM

Date/Time 03/14/25 16:10
Raw Sample Received by: Rm Smy
Raw Sample Relinquished by: SGS, met.

Alliance TECHNICAL GROUP

Soil/Sludge Mercury Preparation Sheet

PB167162

SOP ID : M7471B-Mercury-18

SDG No : NA

Matrix : SOIL

Pippete ID: HG A

Balance ID : M SC-3

Filter paper ID : NA

pH Strip ID : NA

Hood ID : #1

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

Start Digest Date: 03/17/2025 **Time :** 09:45 **Temp :** 95 °C

End Digest Date: 03/17/2025 **Time :** 10:15 **Temp :** 94 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: MB

Supervisor Signature: MB

Temp : 1. 95°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP84889
CCV	30mL	MP854891
CRA	30mL	MP84893
Blank Spike	0.48mL	M;84881
Matrix Spike	0.48mL	MP84881

Chemical Used	ML/SAMPLE USED	Lot Number
AQUA REGIA	1.5mL	MP84894
KMnO4 (5%)	4.5mL	MP84564
Hydroxylamine HCL (12%)	2.0mL	MP84566
PTFE Boiling Stones	----------	M4583
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP84882
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP84883
2.5 ppb	S2.5	30mL	MP84884
5.0 ppb	S5.0	30mL	MP84885
7.5 ppb	S7.5	30mL	MP84886
10.0 ppb	S10.0	30mL	MP84887
ICV	ICV	30mL	MP84889
ICB	ICB	30mL	MP84890
CCV	CCV	30mL	MP84891
CCB	CCB	30mL	MP84892
CRI	CRI	30mL	MP84893
CHK STD	CHK STD	30mL	MP84894

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
3/17/25 @ 10:40	MB - Dig. Lab	MB - metal lab
	Preparation Group	**Analysis Group**

Alliance TECHNICAL GROUP

Soil/Sludge Mercury Preparation Sheet

PB167162

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Comment	Prep Pos
PB167162BL	PBS162	0.55	35	NA	N/A	3-1
PB167162BS	LCS162	0.53	35	NA	MP84881	2
Q1566-01	CTWK-COMP	0.52	35	NA	N/A	3
Q1568-01	JC-03-03132025	0.58	35	NA	N/A	4
Q1569-04	TAP-IDW-SOIL-031325-02	0.60	35	NA	N/A	5
Q1574-01	WC1	0.56	35	NA	N/A	6
Q1581-01	TR-06-031425	0.56	35	NA	N/A	7
Q1585-01	OK-02-03142025	0.59	35	NA	N/A	8
Q1585-01DUP	OK-02-03142025DUP	0.55	35	NA	N/A	9
Q1585-01MS	OK-02-03142025MS	0.59	35	NA	MP84881	10
Q1585-01MSD	OK-02-03142025MSD	0.58	35	NA	MP84881	11

WORKLIST(Hardcopy Internal Chain)

WorkList Name : 031725_7471 **WorkList ID :** 188299 **Department :** Digestion **Date :** 03-17-2025 08:02:18

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1566-01	CTWK-COMP	Solid	Mercury	Cool 4 deg C	PSEG03	I41	03/13/2025	7471B
Q1568-01	JC-03-03132025	Solid	Mercury	Cool 4 deg C	PSEG03	I41	03/13/2025	7471B
Q1569-04	TAP-IDW-SOIL-031325-02	Solid	Mercury	Cool 4 deg C	WEST04		03/13/2025	7471B
Q1574-01	WC1	Solid	Mercury	Cool 4 deg C	GENV01	I41	03/12/2025	7471B
Q1581-01	TR-06-031425	Solid	Mercury	Cool 4 deg C	PSEG05	I41	03/14/2025	7471B
Q1585-01	OK-02-03142025	Solid	Mercury	Cool 4 deg C	PSEG05	I41	03/14/2025	7471B

Date/Time 3/17/25 @ 9:25

Raw Sample Received by: [illegible]

Raw Sample Relinquished by: [illegible]

Date/Time 3/17/25 @ 10:15

Raw Sample Received by: [illegible]

Raw Sample Relinquished by: [illegible]

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 3/17/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:20
In Date: 03/14/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN-1

OVENTEMP OUT Celsius(°C): 105
Time OUT: 08:35
Out Date: 03/15/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLIDS-OVEN

QC: LB135036

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q1569-01	TAP-IDW-SOIL-031325-01	1	1.14	11.74	12.88	10.13	76.6	
Q1569-04	TAP-IDW-SOIL-031325-02	2	1.16	10.92	12.08	9.16	73.3	
Q1572-01	C0AC9	3	1.12	10.23	11.35	8.25	69.7	
Q1572-02	C0O14	4	1.15	10.41	11.56	9.32	78.5	
Q1572-03	C0O15	5	1.18	10.05	11.23	9.22	80.0	
Q1572-04	C0O16	6	1.15	9.00	10.15	7.3	68.3	
Q1572-05	C0O17	7	1.14	10.49	11.63	8.97	74.6	
Q1572-06	C0O18	8	1.15	9.91	11.06	8.68	76.0	
Q1572-07	C0O19	9	1.16	10.15	11.31	8.17	69.1	
Q1572-08	C0O20	10	1.13	10.26	11.39	8.8	74.8	
Q1572-09	C0O21	11	1.15	10.40	11.55	8.11	66.9	
Q1572-10	C0O22	12	1.15	10.39	11.54	8.00	65.9	
Q1572-11	C0O23	13	1.14	10.46	11.6	9.91	83.8	
Q1572-12	C0O24	14	1.13	10.28	11.41	8.82	74.8	
Q1572-13	C0O25	15	1.12	10.22	11.34	8.92	76.3	
Q1572-14	C0O26	16	1.19	10.23	11.42	8.82	74.6	
Q1572-15	C0O27	17	1.12	10.48	11.6	8.85	73.8	
Q1572-16	C0O28	18	1.15	10.11	11.26	9.52	82.8	
Q1573-01	C0AC4	19	1.19	10.51	11.7	8.81	72.5	
Q1573-02	C0AC5	20	1.16	11.03	12.19	8.16	63.5	
Q1573-03	C0AC6	21	1.14	10.38	11.52	7.66	62.8	
Q1573-04	C0AC8	22	1.16	10.28	11.44	7.25	59.2	
Q1573-05	C0O29	23	1.18	10.60	11.78	7.09	55.8	
Q1573-06	C0O30	24	1.13	10.13	11.26	8.17	69.5	
Q1573-07	C0O31	25	1.19	10.24	11.43	8.1	67.5	
Q1573-08	C0O32	26	1.15	10.08	11.23	6.7	55.1	
Q1573-09	C0O33	27	1.13	10.27	11.4	7.76	64.6	
Q1573-10	C0O34	28	1.14	10.42	11.56	9.7	82.1	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 3/17/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:20
In Date: 03/14/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN-1

OVENTEMP OUT Celsius(°C): 105
Time OUT: 08:35
Out Date: 03/15/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLIDS-OVEN

QC: LB135036

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q1573-11	C0O35	29	1.19	11.25	12.44	9.97	78.0	
Q1574-01	WC1	30	1.11	10.31	11.42	11.21	98.0	
Q1578-01	JEC817T-1-1	31	1.00	1.00	2.00	2.00	100.0	pilc
Q1578-02	JEC817T-1-2	32	1.00	1.00	2.00	2.00	100.0	pilc
Q1579-01	BC271189-1-1	33	1.00	1.00	2.00	2.00	100.0	pilc
Q1579-02	BC271189-1-2	34	1.00	1.00	2.00	2.00	100.0	pilc
Q1579-03	BC271038-1-1	35	1.00	1.00	2.00	2.00	100.0	pilc
Q1579-04	BC271038-1-2	36	1.00	1.00	2.00	2.00	100.0	pilc
Q1581-01	TR-06-031425	37	1.14	10.08	11.22	10.54	93.3	
Q1581-02	TR-06-031425-E2	38	1.18	10.18	11.36	10.64	92.9	
Q1584-05	SVOC-GPC-BLANK	39	1.00	1.00	2.00	2.00	100.0	
Q1584-06	PEST-GPC-BLANK	40	1.00	1.00	2.00	2.00	100.0	
Q1584-07	PEST-GPC-BLANK-SPIKE	41	1.00	1.00	2.00	2.00	100.0	
Q1584-08	PCB-GPC-BLANK	42	1.00	1.00	2.00	2.00	100.0	
Q1584-09	PCB-GPC-BLANK-SPIKE	43	1.00	1.00	2.00	2.00	100.0	
Q1584-10	SVOC-GPC2-BLANK	44	1.00	1.00	2.00	2.00	100.0	
Q1584-11	PEST-GPC2-BLANK	45	1.00	1.00	2.00	2.00	100.0	
Q1584-12	PEST-GPC2-BLANK-SPIKE	46	1.00	1.00	2.00	2.00	100.0	
Q1584-13	PCB-GPC2-BLANK	47	1.00	1.00	2.00	2.00	100.0	
Q1584-14	PCB-GPC2-BLANK-SPIKE	48	1.00	1.00	2.00	2.00	100.0	
Q1585-01	OK-02-03142025	49	1.14	10.43	11.57	11.27	97.1	
Q1585-02	OK-02-03142025-E2	50	1.13	10.27	11.4	10.89	95.0	

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

WORKLIST(Hardcopy Internal Chain)

VB 135036

WorkList Name : %1-031425 **WorkList ID :** 188269 **Department :** Wet-Chemistry **Date :** 03-14-2025 08:28:30

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1569-01	TAP-IDW-SOIL-031325-01	Solid	Percent Solids	Cool 4 deg C	WEST04	I33	03/13/2025	Chemtech -SO
Q1569-04	TAP-IDW-SOIL-031325-02	Solid	Percent Solids	Cool 4 deg C	WEST04	I33	03/13/2025	Chemtech -SO
Q1572-01	C0AC9	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/12/2025	Chemtech -SO
Q1572-02	C0O14	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/12/2025	Chemtech -SO
Q1572-03	C0O15	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/12/2025	Chemtech -SO
Q1572-04	C0O16	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/12/2025	Chemtech -SO
Q1572-05	C0O17	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/12/2025	Chemtech -SO
Q1572-06	C0O18	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/12/2025	Chemtech -SO
Q1572-07	C0O19	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/12/2025	Chemtech -SO
Q1572-08	C0O20	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/12/2025	Chemtech -SO
Q1572-09	C0O21	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/12/2025	Chemtech -SO
Q1572-10	C0O22	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/12/2025	Chemtech -SO
Q1572-11	C0O23	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/12/2025	Chemtech -SO
Q1572-12	C0O24	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/12/2025	Chemtech -SO
Q1572-13	C0O25	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/12/2025	Chemtech -SO
Q1572-14	C0O26	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/12/2025	Chemtech -SO
Q1572-15	C0O27	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/12/2025	Chemtech -SO
Q1572-16	C0O28	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/12/2025	Chemtech -SO
Q1573-01	C0AC4	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/12/2025	Chemtech -SO
Q1573-02	C0AC5	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/11/2025	Chemtech -SO
Q1573-03	C0AC6	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/11/2025	Chemtech -SO

Date/Time 03/13/25 16:10

Raw Sample Received by: JP WDC

Raw Sample Relinquished by: IT (SM)

Date/Time ~~03/13/25~~ 03/14/25 17:30

Raw Sample Received by: IT (SM)

Raw Sample Relinquished by: JP WDC

WORKLIST(Hardcopy Internal Chain)

VB135036

WorkList Name : %1-031425 **WorkList ID :** 188269 **Department :** Wet-Chemistry **Date :** 03-14-2025 08:28:30

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1573-04	C0AC8	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/11/2025	Chemtech -SO
Q1573-05	C0O29	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/11/2025	Chemtech -SO
Q1573-06	C0O30	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/11/2025	Chemtech -SO
Q1573-07	C0O31	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/11/2025	Chemtech -SO
Q1573-08	C0O32	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/11/2025	Chemtech -SO
Q1573-09	C0O33	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/11/2025	Chemtech -SO
Q1573-10	C0O34	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/11/2025	Chemtech -SO
Q1573-11	C0O35	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/11/2025	Chemtech -SO
Q1574-01	WC1	Solid	Percent Solids	Cool 4 deg C	GENV01	I41	03/12/2025	Chemtech -SO
Q1578-01	JEC817T-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	03/14/2025	Chemtech -SO
Q1578-02	JEC817T-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	03/14/2025	Chemtech -SO
Q1579-01	BC271189-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	03/14/2025	Chemtech -SO
Q1579-02	BC271189-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	03/14/2025	Chemtech -SO
Q1579-03	BC271038-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	03/14/2025	Chemtech -SO
Q1579-04	BC271038-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	03/14/2025	Chemtech -SO
Q1581-01	TR-06-031425	Solid	Percent Solids	Cool 4 deg C	PSEG05	I41	03/14/2025	Chemtech -SO
Q1581-02	TR-06-031425-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	I41	03/14/2025	Chemtech -SO
Q1584-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/14/2025	Chemtech -SO
Q1584-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/14/2025	Chemtech -SO
Q1584-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/14/2025	Chemtech -SO
Q1584-08	PCB-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/14/2025	Chemtech -SO

Date/Time 03/14/25 16:10

Raw Sample Received by: SB WOC

Raw Sample Relinquished by: JTCSM

Date/Time 03/14/25 1730

Raw Sample Received by: JTCSM

Raw Sample Relinquished by: SB WOC

WORKLIST(Hardcopy Internal Chain)

UB 135036

WorkList Name : %1-031425 **WorkList ID :** 188269 **Department :** Wet-Chemistry **Date :** 03-14-2025 08:28:30

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1584-09	PCB-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/14/2025	Chemtech -SO
Q1584-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/14/2025	Chemtech -SO
Q1584-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/14/2025	Chemtech -SO
Q1584-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/14/2025	Chemtech -SO
Q1584-13	PCB-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/14/2025	Chemtech -SO
Q1584-14	PCB-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/14/2025	Chemtech -SO
Q1585-01	OK-02-03142025	Solid	Percent Solids	Cool 4 deg C	PSEG05	I41	03/14/2025	Chemtech -SO
Q1585-02	OK-02-03142025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	I41	03/14/2025	Chemtech -SO

Date/Time 03/14/25 16:10
Raw Sample Received by: [signature]
Raw Sample Relinquished by: IT (SM)

Date/Time 03/14/25 17:30
Raw Sample Received by: IT (SM)
Raw Sample Relinquished by: [signature]

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 # LB135056

Review By	Mohan	Review On	3/18/2025 11:05:57 AM
Supervise By	jaswal	Supervise On	3/18/2025 11:30:22 PM

STD. NAME	STD REF.#
ICAL Standard	MP84882,MP84883,MP84884,MP84885,MP84886,MP84887
ICV Standard	MP84889
CCV Standard	MP84891
ICSA Standard	
CRI Standard	MP84893
LCS Standard	
Chk Standard	MP84890,MP84892,MP84894,MP84896

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	03/17/25 13:06		Mohan	OK
2	S0.2	S0.2	CAL2	03/17/25 13:08		Mohan	OK
3	S2.5	S2.5	CAL3	03/17/25 13:10		Mohan	OK
4	S5	S5	CAL4	03/17/25 13:12		Mohan	OK
5	S7.5	S7.5	CAL5	03/17/25 13:20		Mohan	OK
6	S10	S10	CAL6	03/17/25 13:25		Mohan	OK
7	ICV45	ICV45	ICV	03/17/25 13:28		Mohan	OK
8	ICB45	ICB45	ICB	03/17/25 13:30		Mohan	OK
9	CCV17	CCV17	CCV	03/17/25 13:33		Mohan	OK
10	CCB17	CCB17	CCB	03/17/25 13:35		Mohan	OK
11	CRA	CRA	CRDL	03/17/25 13:37		Mohan	OK
12	HighStd	HighStd	HIGH STD	03/17/25 13:40		Mohan	OK
13	ChkStd	ChkStd	SAM	03/17/25 13:42		Mohan	OK
14	PB167162BL	PB167162BL	MB	03/17/25 13:44		Mohan	OK
15	PB167162BS	PB167162BS	LCS	03/17/25 13:46		Mohan	OK
16	Q1566-01	CTWK-COMP	SAM	03/17/25 13:49		Mohan	OK
17	Q1568-01	JC-03-03132025	SAM	03/17/25 13:51		Mohan	OK
18	Q1569-04	TAP-IDW-SOIL-03132	SAM	03/17/25 13:53		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 # LB135056

Review By	Mohan	Review On	3/18/2025 11:05:57 AM
Supervise By	jaswal	Supervise On	3/18/2025 11:30:22 PM

STD. NAME	STD REF.#
ICAL Standard	MP84882,MP84883,MP84884,MP84885,MP84886,MP84887
ICV Standard	MP84889
CCV Standard	MP84891
ICSA Standard	
CRI Standard	MP84893
LCS Standard	
Chk Standard	MP84890,MP84892,MP84894,MP84896

19	Q1574-01	WC1	SAM	03/17/25 13:56	High	Mohan	Dilution
20	Q1581-01	TR-06-031425	SAM	03/17/25 13:57	High	Mohan	Dilution
21	CCV18	CCV18	CCV	03/17/25 14:05		Mohan	OK
22	CCB18	CCB18	CCB	03/17/25 14:07		Mohan	OK
23	Q1585-01	OK-02-03142025	SAM	03/17/25 14:14		Mohan	OK
24	Q1585-01DUP	OK-02-03142025DUP	DUP	03/17/25 14:16		Mohan	OK
25	Q1585-01MS	OK-02-03142025MS	MS	03/17/25 14:19		Mohan	OK
26	Q1585-01MSD	OK-02-03142025MSD	MSD	03/17/25 14:21		Mohan	OK
27	Q1585-01L	OK-02-03142025L	SD	03/17/25 14:23		Mohan	OK
28	Q1585-01A	OK-02-03142025A	PS	03/17/25 14:25		Mohan	OK
29	Q1574-01DL	WC1DL	SAM	03/17/25 14:28	Report 10X,Still high	Mohan	Dilution
30	Q1581-01DL	TR-06-031425DL	SAM	03/17/25 14:30	Report 10X	Mohan	Confirms
31	Q1574-01DL2	WC1DL2	SAM	03/17/25 14:37	Report 50X	Mohan	Confirms
32	CCV19	CCV19	CCV	03/17/25 14:40		Mohan	OK
33	CCB19	CCB19	CCB	03/17/25 14:42		Mohan	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 # LB135083

Review By	kareem	Review On	3/19/2025 10:45:13 AM
Supervise By	jaswal	Supervise On	3/20/2025 11:14:55 AM

STD. NAME	STD REF.#
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846
ICV Standard	MP84643
CCV Standard	MP84646
ICSA Standard	MP84644,MP84721
CRI Standard	MP84846
LCS Standard	
Chk Standard	MP84649,MP84650

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	03/18/25 10:11		Kareem	OK
2	S1	S1	CAL2	03/18/25 10:15		Kareem	OK
3	S2	S2	CAL3	03/18/25 10:20		Kareem	OK
4	S3	S3	CAL4	03/18/25 10:24		Kareem	OK
5	S4	S4	CAL5	03/18/25 10:28		Kareem	OK
6	S5	S5	CAL6	03/18/25 10:32		Kareem	OK
7	ICV01	ICV01	ICV	03/18/25 10:36	ICV01 Fail for Be,Tl (200.7)	Kareem	OK
8	LLICV01	LLICV01	LLICV	03/18/25 10:41		Kareem	OK
9	ICB01	ICB01	ICB	03/18/25 10:45		Kareem	OK
10	CRI01	CRI01	CRDL	03/18/25 10:49		Kareem	OK
11	ICSA01	ICSA01	ICSA	03/18/25 10:54		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	03/18/25 11:04		Kareem	OK
13	CCV01	CCV01	CCV	03/18/25 11:09		Kareem	OK
14	CCB01	CCB01	CCB	03/18/25 11:13		Kareem	OK
15	PB167145BL	PB167145BL	MB	03/18/25 11:18		Kareem	OK
16	PB167145BS	PB167145BS	LCS	03/18/25 11:22	0.1 ml of M6013 and M6004 were added to 10 ml of sample	Kareem	OK
17	PB167150BL	PB167150BL	MB	03/18/25 11:27		Kareem	OK

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

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135083

Review By	kareem	Review On	3/19/2025 10:45:13 AM
Supervise By	jaswal	Supervise On	3/20/2025 11:14:55 AM

STD. NAME	STD REF.#
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846
ICV Standard	MP84643
CCV Standard	MP84646
ICSA Standard	MP84644,MP84721
CRI Standard	MP84846
LCS Standard	
Chk Standard	MP84649,MP84650

18	PB167150BS	PB167150BS	LCS	03/18/25 11:32	0.1 ml of M6013 and M6004 were added to 10 ml of sample	Kareem	OK
19	Q1569-05	TAP-IDW-SOIL-03132	SAM	03/18/25 11:36	Need to Confirm TCLP	Kareem	OK
20	Q1569-02	TAP-IDW-SOIL-03132	SAM	03/18/25 11:40		Kareem	OK
21	Q1574-02	WC1	SAM	03/18/25 11:45		Kareem	OK
22	Q1574-01	WC1	SAM	03/18/25 11:49	Cr,Cu,Fe,Zn High & Ag (Oversaturated)	Kareem	Dilution
23	Q1569-04	TAP-IDW-SOIL-03132	SAM	03/18/25 11:54		Kareem	OK
24	Q1581-01	TR-06-031425	SAM	03/18/25 11:58		Kareem	OK
25	CCV02	CCV02	CCV	03/18/25 12:08		Kareem	OK
26	CCB02	CCB02	CCB	03/18/25 12:17		Kareem	OK
27	Q1581-01DUP	TR-06-031425DUP	DUP	03/18/25 12:22		Kareem	OK
28	Q1581-01L	TR-06-031425L	SD	03/18/25 12:26		Kareem	OK
29	Q1581-01MS	TR-06-031425MS	MS	03/18/25 12:30	0.1 ml of M6013 and M6004 were added to 10 ml of sample	Kareem	OK
30	Q1581-01MSD	TR-06-031425MSD	MSD	03/18/25 12:34	0.1 ml of M6013 and M6004 were added to 10 ml of sample	Kareem	OK
31	Q1581-01A	TR-06-031425A	PS	03/18/25 12:38	0.1 ml of M6013 and M6004 were added to 10 ml of sample	Kareem	OK
32	Q1585-01	OK-02-03142025	SAM	03/18/25 12:42		Kareem	OK
33	Q1585-01DUP	OK-02-03142025DUP	DUP	03/18/25 12:46		Kareem	OK

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Daily Analysis Runlog For Sequence/QCBatch ID # LB135083

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Supervise By	jaswal	Supervise On	3/20/2025 11:14:55 AM

STD. NAME	STD REF.#
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ICV Standard	MP84643
CCV Standard	MP84646
ICSA Standard	MP84644,MP84721
CRI Standard	MP84846
LCS Standard	
Chk Standard	MP84649,MP84650

34	Q1585-01L	OK-02-03142025L	SD	03/18/25 12:50		Kareem	OK
35	Q1585-01MS	OK-02-03142025MS	MS	03/18/25 12:55	0.1 ml of M6013 and M6004 were added to 10 ml of sample	Kareem	OK
36	Q1585-01MSD	OK-02-03142025MSD	MSD	03/18/25 12:59	0.1 ml of M6013 and M6004 were added to 10 ml of sample	Kareem	OK
37	CCV03	CCV03	CCV	03/18/25 13:07		Kareem	OK
38	CCB03	CCB03	CCB	03/18/25 13:13		Kareem	OK
39	Q1585-01A	OK-02-03142025A	PS	03/18/25 13:17	0.1 ml of M6013 and M6004 were added to 10 ml of sample	Kareem	OK
40	Q1574-02L	WC1L	SD	03/18/25 13:32	NOT USE	Kareem	Not Ok
41	Q1574-01DL	WC1DL	SAM	03/18/25 13:41	20X for Cr,Cu,Fe,Ag,Zn	Kareem	Confirms
42	LR1	LR1	HIGH STD	03/18/25 13:45		Kareem	OK
43	LR2	LR2	HIGH STD	03/18/25 13:50		Kareem	OK
44	Q1590-02	20071	SAM	03/18/25 13:54		Kareem	OK
45	Q1590-02DUP	20071DUP	DUP	03/18/25 13:58		Kareem	OK
46	Q1590-02L	20071L	SD	03/18/25 14:03		Kareem	OK
47	CCV04	CCV04	CCV	03/18/25 14:07		Kareem	OK
48	CCB04	CCB04	CCB	03/18/25 14:20		Kareem	OK
49	Q1590-02MS	20071MS	MS	03/18/25 14:24	0.1 ml of M6013 and M6004 were added to 10 ml of sample	Kareem	OK

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Daily Analysis Runlog For Sequence/QCBatch ID # LB135083

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Supervise By	jaswal	Supervise On	3/20/2025 11:14:55 AM

STD. NAME	STD REF.#
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846
ICV Standard	MP84643
CCV Standard	MP84646
ICSA Standard	MP84644,MP84721
CRI Standard	MP84846
LCS Standard	
Chk Standard	MP84649,MP84650

50	Q1590-02MSD	20071MSD	MSD	03/18/25 14:28	0.1 ml of M6013 and M6004 were added to 10 ml of sample	Kareem	OK
51	Q1590-02A	20071A	PS	03/18/25 14:32	0.1 ml of M6013 and M6004 were added to 10 ml of sample	Kareem	OK
52	Q1592-01	OILY-DEBRIS-COMP	SAM	03/18/25 14:37	% Solids Missing	Kareem	OK
53	PB167179BL	PB167179BL	MB	03/18/25 14:41		Kareem	OK
54	PB167179BS	PB167179BS	LCS	03/18/25 14:45	0.1 ml of M6013 and M6004 were added to 10 ml of sample	Kareem	OK
55	CCV05	CCV05	CCV	03/18/25 14:49		Kareem	OK
56	CCB05	CCB05	CCB	03/18/25 14:53		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. Q1574
COC Number 2046131

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: GECP INC
ADDRESS: 8 CARRIAGE
CITY Succasunna STATE: NJ ZIP: 07876
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Ane L
PROJECT NO.: LOCATION:
PROJECT MANAGER: GL
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: GECP INC PO#:
ADDRESS: 8 CARRIAGE
CITY Succasunna STATE: NJ ZIP: 07876
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): STANDARD 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) X NJ Reduced ☐ US EPA CLP
- ☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B
- ☐ Other _____
- X EDD FORMAT cdd master excel

ANALYSIS

1: TCLP metals 2: TAL metals 3. RCRA 4 VOC 5: BNA/S 6 PCB's 7 pH / Ignitability 8 EPH 9.

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.	WC1	Soil	X		3/13/25	1255	2	X	X	X	X	X	X	X	X		
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	3/14/25 1110	1.
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP _____ °C
Comments: _____

Page _____ of

CLIENT: ☐ Hand Delivered ☐ Other _____

Shipment Complete ☐ YES ☐ NO

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

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

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

QA Control Code: A2070148

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Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

nj reduce

Order ID : Q1574 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 3/14/2025 11:25:00 AM
Project Name : Ave L
Receive DateTime : 3/14/2025 ~~3:00:00~~ PM 11:10
Purchase Order :

Project Mgr :
Report Type : ~~Level 1~~ Results only
EDD Type : Excel NJ
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1574-01	WC1	Solid	03/12/2025	12:55					
					VOC-TCLVOA-10		8260D		10 Bus. Days

Relinguished By :
Date / Time : 3/14/25 1150

Received By :
Date / Time : 3/14/25 11:25 0

Storage Area : VOA Refridgerator Room