

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : Alliance Technical Group LLC Client : BAPS North Bergen
 Project Location : NJ Project Number : - BAPS North Bergen
 Laboratory Sample ID(s) : Q1640 Sampling Date(s) : 1/12/2024
 List DKQP Methods Used (e.g., 8260,8270, et Cetra) **1312,6010D,SOP**

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	☒ Yes ☐ No
1A	Were the method specified handling, preservation, and holding time requirements met?	☒ Yes ☐ No
1B	EPH Method: Was the EPH method conducted without significant modifications (see Section 11.3 of respective DKQ methods)	☐ Yes ☐ No ☒ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☒ Yes ☐ No
3	Were samples received at an appropriate temperature (4±2° C)?	☒ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	☒ Yes ☐ No
5	a)Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt? b)Were these reporting limits met?	☒ Yes ☐ No ☒ Yes ☐ No ☐ N/A
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	☒ Yes ☐ No
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	☒ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information should be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Data of Known Quality."

Cover Page

Order ID : Q1640

Project ID : BAPS North Bergen

Client : BAPS North Bergen

Lab Sample Number

Q1640-01
Q1640-02
Q1640-03
Q1640-04
Q1640-05

Client Sample Number

SOIL-2
SOIL-3
SOIL-4
SOIL-5
SOIL-6

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: 3/31/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



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CASE NARRATIVE

BAPS North Bergen

Project Name: BAPS North Bergen

Project # N/A

Chemtech Project # Q1640

Test Name: SPLP MetalGroup6,SPLP MetalGroup2,SPLP MetalGroup4,SPLP MetalGroup3

A. Number of Samples and Date of Receipt:

5 Solid samples were received on 03/25/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: SPLP Extraction, SPLP MetalGroup2, SPLP MetalGroup3, SPLP MetalGroup4 and SPLP MetalGroup6. This data package contains results for SPLP MetalGroup6,SPLP MetalGroup2,SPLP MetalGroup4,SPLP MetalGroup3.

C. Analytical Techniques:

The analysis of SPLP MetalGroup2,SPLP MetalGroup3,SPLP MetalGroup4,SPLP MetalGroup6 was based on method 6010D and digestion based on method 3010 (water).

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

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

The Calibration met the requirements.

The Serial Dilution met the acceptable requirements.

E. Additional Comments: Q1640 – samples are activated from Project P4822. See the communication in shipping Document section.

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

Signature_____

DATA REPORTING QUALIFIERS- INORGANIC

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

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1640

Completed

For thorough review, the report must have the following:

GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

COVER PAGE:

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

✓

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

✓

CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: MOHAMMAD AHMED

Date: 03/31/2025

LAB CHRONICLE

OrderID:	Q1640	OrderDate:	3/25/2025 12:56:00 PM
Client:	BAPS North Bergen	Project:	BAPS North Bergen
Contact:	Rakesh Patel	Location:	I41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1640-01	SOIL-2	Water	SPLP MetalGroup2	6010D	11/12/24	03/26/25	03/27/25	03/25/25
Q1640-02	SOIL-3	Water	SPLP MetalGroup3	6010D	11/12/24	03/26/25	03/27/25	03/25/25
Q1640-03	SOIL-4	Water	SPLP MetalGroup4	6010D	11/12/24	03/26/25	03/27/25	03/25/25
Q1640-04	SOIL-5	Water	SPLP MetalGroup6	6010D	11/12/24	03/26/25	03/27/25	03/25/25
Q1640-05	SOIL-6	Water	SPLP MetalGroup6	6010D	11/12/24	03/26/25	03/27/25	03/25/25

Hit Summary Sheet
SW-846

SDG No.: Q1640
Client: BAPS North Bergen

Order ID: Q1640
Project ID: BAPS North Bergen

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SOIL-2								
Q1640-01	SOIL-2	Water	Beryllium	7.57		0.13	3.00	ug/L
Q1640-01	SOIL-2	Water	Cadmium	14.1		0.094	3.00	ug/L
Q1640-01	SOIL-2	Water	Lead	808		3.51	6.00	ug/L
Client ID : SOIL-3								
Q1640-02	SOIL-3	Water	Cadmium	16.8		0.094	3.00	ug/L
Client ID : SOIL-4								
Q1640-03	SOIL-4	Water	Cadmium	14.9		0.094	3.00	ug/L
Q1640-03	SOIL-4	Water	Lead	85.5		3.51	6.00	ug/L
Client ID : SOIL-5								
Q1640-04	SOIL-5	Water	Beryllium	8.91		0.13	3.00	ug/L
Q1640-04	SOIL-5	Water	Cadmium	15.0		0.094	3.00	ug/L
Client ID : SOIL-6								
Q1640-05	SOIL-6	Water	Beryllium	3.25		0.13	3.00	ug/L
Q1640-05	SOIL-6	Water	Cadmium	11.3		0.094	3.00	ug/L



SAMPLE DATA

Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	03/25/25
Client Sample ID:	SOIL-2	SDG No.:	Q1640
Lab Sample ID:	Q1640-01	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-41-7	Beryllium	7.57		1	0.13	3.00	ug/L	03/26/25 12:30	03/27/25 11:27	SW6010	SW3010
7440-43-9	Cadmium	14.1		1	0.094	3.00	ug/L	03/26/25 12:30	03/27/25 11:27	SW6010	SW3010
7439-92-1	Lead	808		1	3.51	6.00	ug/L	03/26/25 12:30	03/27/25 11:27	SW6010	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	SPLP MetalGroup2			

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

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

Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	03/25/25
Client Sample ID:	SOIL-3	SDG No.:	Q1640
Lab Sample ID:	Q1640-02	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-43-9	Cadmium	16.8		1	0.094	3.00	ug/L	03/26/25 12:30	03/27/25 11:31	SW6010	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	SPLP MetalGroup3			

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

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

Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	03/25/25
Client Sample ID:	SOIL-4	SDG No.:	Q1640
Lab Sample ID:	Q1640-03	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-43-9	Cadmium	14.9		1	0.094	3.00	ug/L	03/26/25 12:30	03/27/25 11:35	SW6010	SW3010
7439-92-1	Lead	85.5		1	3.51	6.00	ug/L	03/26/25 12:30	03/27/25 11:35	SW6010	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	SPLP MetalGroup4			

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

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

Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	03/25/25
Client Sample ID:	SOIL-5	SDG No.:	Q1640
Lab Sample ID:	Q1640-04	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-41-7	Beryllium	8.91		1	0.13	3.00	ug/L	03/26/25 12:30	03/27/25 11:40	SW6010	SW3010
7440-43-9	Cadmium	15.0		1	0.094	3.00	ug/L	03/26/25 12:30	03/27/25 11:40	SW6010	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	SPLP MetalGroup6			

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

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

Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	03/25/25
Client Sample ID:	SOIL-6	SDG No.:	Q1640
Lab Sample ID:	Q1640-05	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-41-7	Beryllium	3.25		1	0.13	3.00	ug/L	03/26/25 12:30	03/27/25 11:44	SW6010	SW3010
7440-43-9	Cadmium	11.3		1	0.094	3.00	ug/L	03/26/25 12:30	03/27/25 11:44	SW6010	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	SPLP MetalGroup6			

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

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



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: BAPS North Bergen **SDG No.:** Q1640
Contract: BAPS03 **Lab Code:** CHEM **Case No.:** Q1640 **SAS No.:** Q1640
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	Beryllium	484	510	95	95 - 105	P	03/27/2025	09:49	LB135215
	Cadmium	497	510	97	95 - 105	P	03/27/2025	09:49	LB135215
	Lead	977	1000	98	95 - 105	P	03/27/2025	09:49	LB135215

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: BAPS North Bergen **SDG No.:** Q1640
Contract: BAPS03 **Lab Code:** CHEM **Case No.:** Q1640 **SAS No.:** Q1640
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	Beryllium	5.91	6.0	98	80 - 120	P	03/27/2025	09:58	LB135215
	Cadmium	5.89	6.0	98	80 - 120	P	03/27/2025	09:58	LB135215
	Lead	10.9	12.0	91	80 - 120	P	03/27/2025	09:58	LB135215

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: BAPS North Bergen SDG No.: Q1640
Contract: BAPS03 Lab Code: CHEM Case No.: Q1640 SAS No.: Q1640
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	Beryllium	247	250	99	90 - 110	P	03/27/2025	10:28	LB135215
	Cadmium	2500	2500	100	90 - 110	P	03/27/2025	10:28	LB135215
	Lead	5020	5000	100	90 - 110	P	03/27/2025	10:28	LB135215
CCV02	Beryllium	250	250	100	90 - 110	P	03/27/2025	11:18	LB135215
	Cadmium	2530	2500	101	90 - 110	P	03/27/2025	11:18	LB135215
	Lead	5080	5000	102	90 - 110	P	03/27/2025	11:18	LB135215
CCV03	Beryllium	255	250	102	90 - 110	P	03/27/2025	12:10	LB135215
	Cadmium	2500	2500	100	90 - 110	P	03/27/2025	12:10	LB135215
	Lead	5030	5000	101	90 - 110	P	03/27/2025	12:10	LB135215
CCV04	Beryllium	236	250	94	90 - 110	P	03/27/2025	13:15	LB135215
	Cadmium	2450	2500	98	90 - 110	P	03/27/2025	13:15	LB135215
	Lead	4910	5000	98	90 - 110	P	03/27/2025	13:15	LB135215
CCV05	Beryllium	236	250	94	90 - 110	P	03/27/2025	13:52	LB135215
	Cadmium	2450	2500	98	90 - 110	P	03/27/2025	13:52	LB135215
	Lead	4910	5000	98	90 - 110	P	03/27/2025	13:52	LB135215



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Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: BAPS North Bergen **SDG No.:** Q1640
Contract: BAPS03 **Lab Code:** CHEM **Case No.:** Q1640 **SAS No.:** Q1640
Initial Calibration Source: _____
Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Beryllium	5.84	6.0	97	40 - 160	P	03/27/2025	10:07	LB135215
	Cadmium	5.78	6.0	96	40 - 160	P	03/27/2025	10:07	LB135215
	Lead	11.0	12.0	92	40 - 160	P	03/27/2025	10:07	LB135215



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Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	BAPS North Bergen				SDG No.:	Q1640			
Contract:	BAPS03	Lab Code:	CHEM		Case No.:	Q1640	SAS No.:	Q1640	
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Beryllium	6.00	+/-6.00	U	6.00	P	03/27/2025	10:02	LB135215
	Cadmium	6.00	+/-6.00	U	6.00	P	03/27/2025	10:02	LB135215
	Lead	12.0	+/-12.0	U	12.0	P	03/27/2025	10:02	LB135215

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>BAPS North Bergen</u>		SDG No.: <u>Q1640</u>							
Contract: <u>BAPS03</u>	Lab Code: <u>CHEM</u>	Case No.: <u>Q1640</u>	SAS No.: <u>Q1640</u>						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Beryllium	6.00	+/-6.00	U	6.00	P	03/27/2025	10:32	LB135215
	Cadmium	6.00	+/-6.00	U	6.00	P	03/27/2025	10:32	LB135215
	Lead	12.0	+/-12.0	U	12.0	P	03/27/2025	10:32	LB135215
CCB02	Beryllium	6.00	+/-6.00	U	6.00	P	03/27/2025	11:22	LB135215
	Cadmium	6.00	+/-6.00	U	6.00	P	03/27/2025	11:22	LB135215
	Lead	12.0	+/-12.0	U	12.0	P	03/27/2025	11:22	LB135215
CCB03	Beryllium	6.00	+/-6.00	U	6.00	P	03/27/2025	12:14	LB135215
	Cadmium	6.00	+/-6.00	U	6.00	P	03/27/2025	12:14	LB135215
	Lead	12.0	+/-12.0	U	12.0	P	03/27/2025	12:14	LB135215
CCB04	Beryllium	6.00	+/-6.00	U	6.00	P	03/27/2025	13:19	LB135215
	Cadmium	6.00	+/-6.00	U	6.00	P	03/27/2025	13:19	LB135215
	Lead	12.0	+/-12.0	U	12.0	P	03/27/2025	13:19	LB135215
CCB05	Beryllium	6.00	+/-6.00	U	6.00	P	03/27/2025	13:57	LB135215
	Cadmium	6.00	+/-6.00	U	6.00	P	03/27/2025	13:57	LB135215
	Lead	12.0	+/-12.0	U	12.0	P	03/27/2025	13:57	LB135215

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: BAPS North Bergen

SDG No.: Q1640

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167335BL		WATER		Batch Number:	PB167335		Prep Date:	03/26/2025	
	Beryllium	3.00	<3.00	U	3.00	P	03/27/2025	12:19	LB135215
	Cadmium	3.00	<3.00	U	3.00	P	03/27/2025	12:19	LB135215
	Lead	6.00	<6.00	U	6.00	P	03/27/2025	12:19	LB135215
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167335TB		WATER		Batch Number:	PB167335		Prep Date:	03/26/2025	
	Beryllium	3.00	<3.00	U	3.00	P	03/27/2025	11:14	LB135215
	Cadmium	3.00	<3.00	U	3.00	P	03/27/2025	11:14	LB135215
	Lead	6.00	<6.00	U	6.00	P	03/27/2025	11:14	LB135215

Metals

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INTERFERENCE CHECK SAMPLE

Client: BAPS North Bergen **SDG No.:** Q1640
Contract: BAPS03 **Lab Code:** CHEM **Case No.:** Q1640 **SAS No.:** Q1640
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	Beryllium	1.34			-6	6	03/27/2025	10:11	LB135215
	Cadmium	-3.65	1.0	365	-5	7	03/27/2025	10:11	LB135215
	Lead	4.40			-12	12	03/27/2025	10:11	LB135215
ICSAB01	Beryllium	483	495	98	420	570	03/27/2025	10:15	LB135215
	Cadmium	1000	972	103	826	1120	03/27/2025	10:15	LB135215
	Lead	53.4	49.0	109	37	61	03/27/2025	10:15	LB135215



METAL

QC

DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>BAPS North Bergen</u>	level: <u>low</u>	sdg no.: <u>Q1640</u>
contract: <u>BAPS03</u>	lab code: <u>CHEM</u>	case no.: <u>Q1640</u> sas no.: <u>Q1640</u>
matrix: <u>Water</u>	sample id: <u>Q1640-05</u>	client id: <u>SOIL-6MS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q1640-05MS</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Beryllium	ug/L	75 - 125	81.4		3.25		100	78		P
Cadmium	ug/L	75 - 125	101		11.3		100	90		P
Lead	ug/L	75 - 125	468		35.0		500	87		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>BAPS North Bergen</u>	level: <u>low</u>	sdg no.: <u>Q1640</u>
contract: <u>BAPS03</u>	lab code: <u>CHEM</u>	case no.: <u>Q1640</u> sas no.: <u>Q1640</u>
matrix: <u>Water</u>	sample id: <u>Q1640-05</u>	client id: <u>SOIL-6MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q1640-05MSD</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Beryllium	ug/L	75 - 125	82.5		3.25		100	79		P
Cadmium	ug/L	75 - 125	102		11.3		100	91		P
Lead	ug/L	75 - 125	474		35.0		500	88		P

Metals
- 5b -

Client: BAPS North Bergen **SDG No.:** Q1640
Contract: BAPS03 **Lab Code:** CHEM **Case No.:** Q1640 **SAS No.:** Q1640
Matrix: **Level:** LOW **Client ID:**
Sample ID: **Spiked ID:**

Analyte	Units	Acceptance Limit %R	C	Sample Result	C	Spike Added	% Recovery	Qual	M
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Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: BAPS North Bergen **Level:** LOW **SDG No.:** Q1640
Contract: BAPS03 **Lab Code:** CHEM **Case No.:** Q1640 **SAS No.:** Q1640
Matrix: Water **Sample ID:** Q1640-05 **Client ID:** SOIL-6DUP
Percent Solids for Sample: NA **Duplicate ID** Q1640-05DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Beryllium	ug/L	20	3.25		3.31		2		P
Cadmium	ug/L	20	11.3		11.6		3		P
Lead	ug/L	20	35.0		36.5		4		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>BAPS North Bergen</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q1640</u>
Contract:	<u>BAPS03</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1640</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q1640-05MS</u>	Client ID:	<u>SOIL-6MSD</u>
Percent Solids for Sample:	NA	Duplicate ID	Q1640-05MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Beryllium	ug/L	20	81.4		82.5		1		P
Cadmium	ug/L	20	101		102		1		P
Lead	ug/L	20	468		474		1		P

Metals

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: BAPS North Bergen **SDG No.:** Q1640
Contract: BAPS03 **Lab Code:** CHEM **Case No.:** Q1640 **SAS No.:** Q1640

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167335BS							
Beryllium	ug/L	100	96.3		96	80 - 120	P
Cadmium	ug/L	100	91.3		91	80 - 120	P
Lead	ug/L	500	456		91	80 - 120	P

Metals

-9 -

ICP SERIAL DILUTIONS

SAMPLE NO.

SOIL-6L

Lab Name: Chemtech Consulting Group

Contract: BAPS03

Lab Code: CHEM **Lb No.:** lb135215 **Lab Sample ID :** Q1640-05L **SDG No.:** Q1640

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

Concentration Units: ug/L

Analyte	Initial Sample Result (I)			Serial Dilution Result (S)			% Differ- ence	Q	M
	C			C					
Beryllium		3.25			4.03	J	24		P
Cadmium		11.3			12.0	J	6		P
Lead		35.0			33.8		4		P



METAL PREPARATION & INSTRUMENT DATA

Metals

- 11 -

ICP INTERELEMEN CORRECTION FACTORS

Client: BAPS North Bergen

SDG No.: Q1640

Contract: BAPS03

Lab Code: CHEM

Case No.: Q1640

SAS No.: Q1640

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		Al	Ca	Fe	Mg	Ag
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
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: BAPS North Bergen

SDG No.: Q1640

Contract: BAPS03

Lab Code: CHEM

Case No.: Q1640

SAS No.: Q1640

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
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
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: BAPS North Bergen

SDG No.: Q1640

Contract: BAPS03

Lab Code: CHEM

Case No.: Q1640

SAS No.: Q1640

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
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
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: BAPS North Bergen

SDG No.: Q1640

Contract: BAPS03

Lab Code: CHEM

Case No.: Q1640

SAS No.: Q1640

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
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
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: BAPS North Bergen

SDG No.: Q1640

Contract: BAPS03

Lab Code: CHEM

Case No.: Q1640

SAS No.: Q1640

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
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
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000



METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client:	<u>BAPS North Bergen</u>	SDG No.:	<u>Q1640</u>
Contract:	<u>BAPS03</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>Q1640</u>
		SAS No.:	<u>Q1640</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB167335							
PB167335BL	PB167335BL	MB	WATER	03/26/2025	50.0	25.0	
PB167335BS	PB167335BS	LCS	WATER	03/26/2025	50.0	25.0	
PB167335TB	PB167335TB	MB	WATER	03/26/2025	50.0	25.0	
Q1640-01	SOIL-2	SAM	WATER	03/26/2025	50.0	25.0	
Q1640-02	SOIL-3	SAM	WATER	03/26/2025	50.0	25.0	
Q1640-03	SOIL-4	SAM	WATER	03/26/2025	50.0	25.0	
Q1640-04	SOIL-5	SAM	WATER	03/26/2025	50.0	25.0	
Q1640-05	SOIL-6	SAM	WATER	03/26/2025	50.0	25.0	
Q1640-05DUP	SOIL-6DUP	DUP	WATER	03/26/2025	50.0	25.0	
Q1640-05MS	SOIL-6MS	MS	WATER	03/26/2025	50.0	25.0	
Q1640-05MSD	SOIL-6MSD	MSD	WATER	03/26/2025	50.0	25.0	

metals
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ANALYSIS RUN LOG

Client: BAPS North Bergen **Contract:** BAPS03

Lab code: CHEM **Case no.:** Q1640 **Sas no.:** Q1640 **Sdg no.:** Q1640

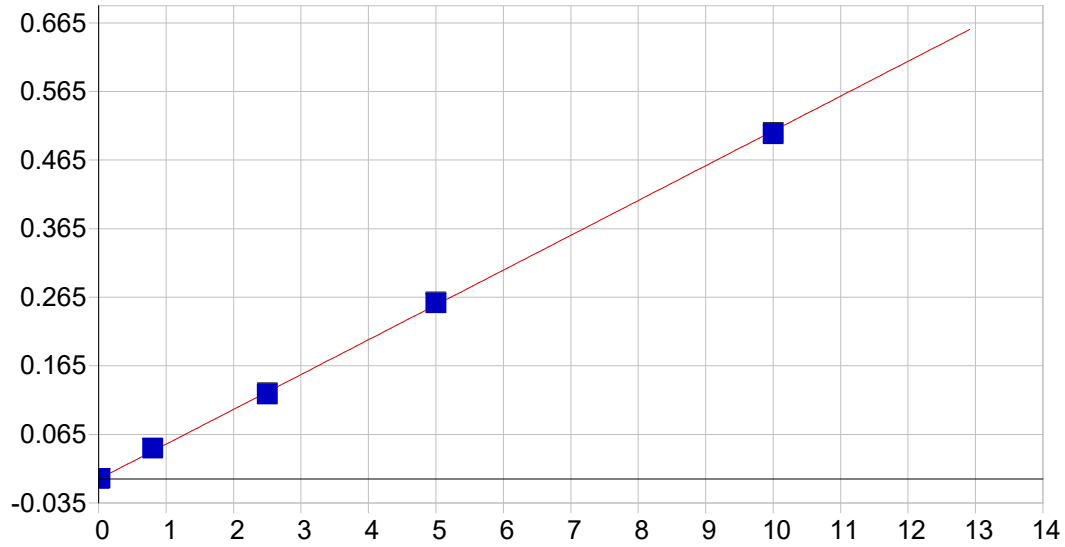
Instrument id number: **Method:** **Run number:** LB135215

Start date: 03/27/2025 **End date:** 03/27/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0923	Be,Cd,Pb
S1	S1	1	0928	Be,Cd,Pb
S2	S2	1	0932	Be,Cd,Pb
S3	S3	1	0936	Be,Cd,Pb
S4	S4	1	0940	Be,Cd,Pb
S5	S5	1	0944	Be,Cd,Pb
ICV01	ICV01	1	0949	Be,Cd,Pb
LLICV01	LLICV01	1	0958	Be,Cd,Pb
ICB01	ICB01	1	1002	Be,Cd,Pb
CRI01	CRI01	1	1007	Be,Cd,Pb
ICSA01	ICSA01	1	1011	Be,Cd,Pb
ICSAB01	ICSAB01	1	1015	Be,Cd,Pb
CCV01	CCV01	1	1028	Be,Cd,Pb
CCB01	CCB01	1	1032	Be,Cd,Pb
PB167335TB	PB167335TB	1	1114	Be,Cd,Pb
CCV02	CCV02	1	1118	Be,Cd,Pb
CCB02	CCB02	1	1122	Be,Cd,Pb
Q1640-01	SOIL-2	1	1127	Be,Cd,Pb
Q1640-02	SOIL-3	1	1131	Cd
Q1640-03	SOIL-4	1	1135	Cd,Pb
Q1640-04	SOIL-5	1	1140	Be,Cd
Q1640-05	SOIL-6	1	1144	Be,Cd
Q1640-05DUP	SOIL-6DUP	1	1149	Be,Cd,Pb
Q1640-05MS	SOIL-6MS	1	1157	Be,Cd,Pb
Q1640-05MSD	SOIL-6MSD	1	1201	Be,Cd,Pb
CCV03	CCV03	1	1210	Be,Cd,Pb
CCB03	CCB03	1	1214	Be,Cd,Pb
PB167335BL	PB167335BL	1	1219	Be,Cd,Pb
PB167335BS	PB167335BS	1	1223	Be,Cd,Pb
CCV04	CCV04	1	1315	Be,Cd,Pb
CCB04	CCB04	1	1319	Be,Cd,Pb
CCV05	CCV05	1	1352	Be,Cd,Pb
CCB05	CCB05	1	1357	Be,Cd,Pb



METAL RAW DATA

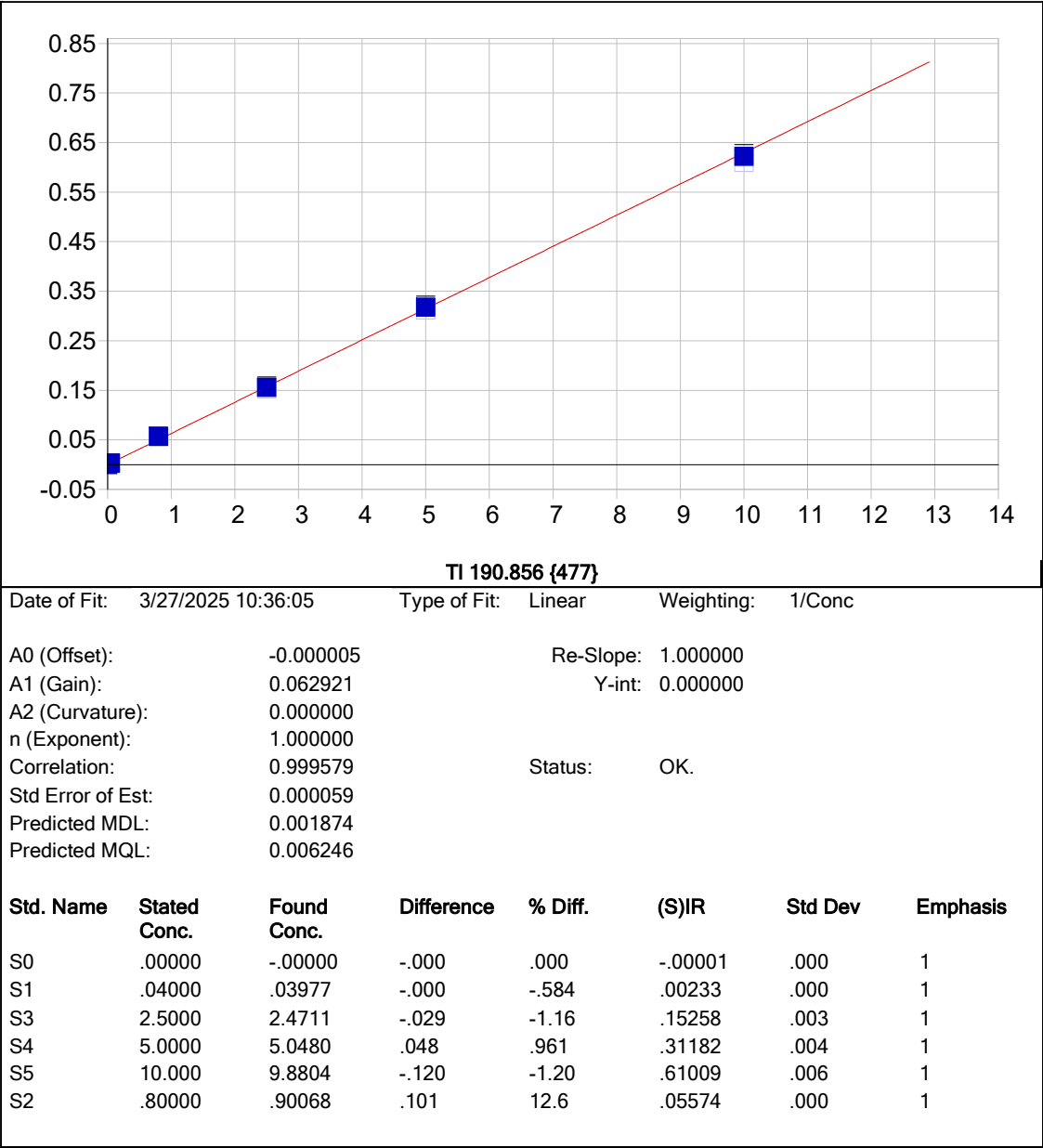


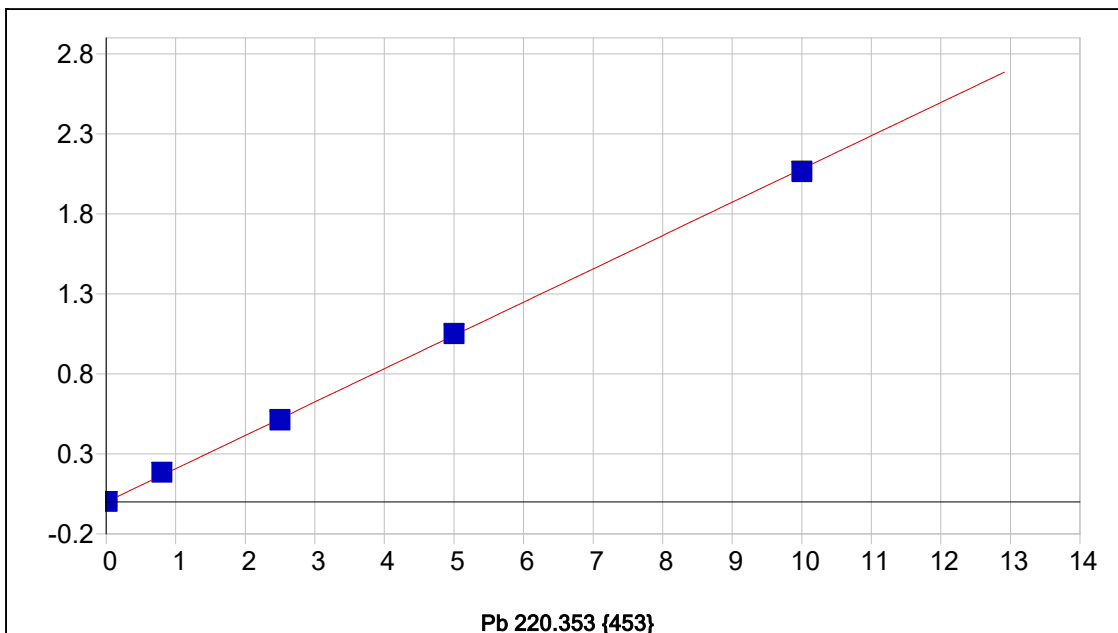
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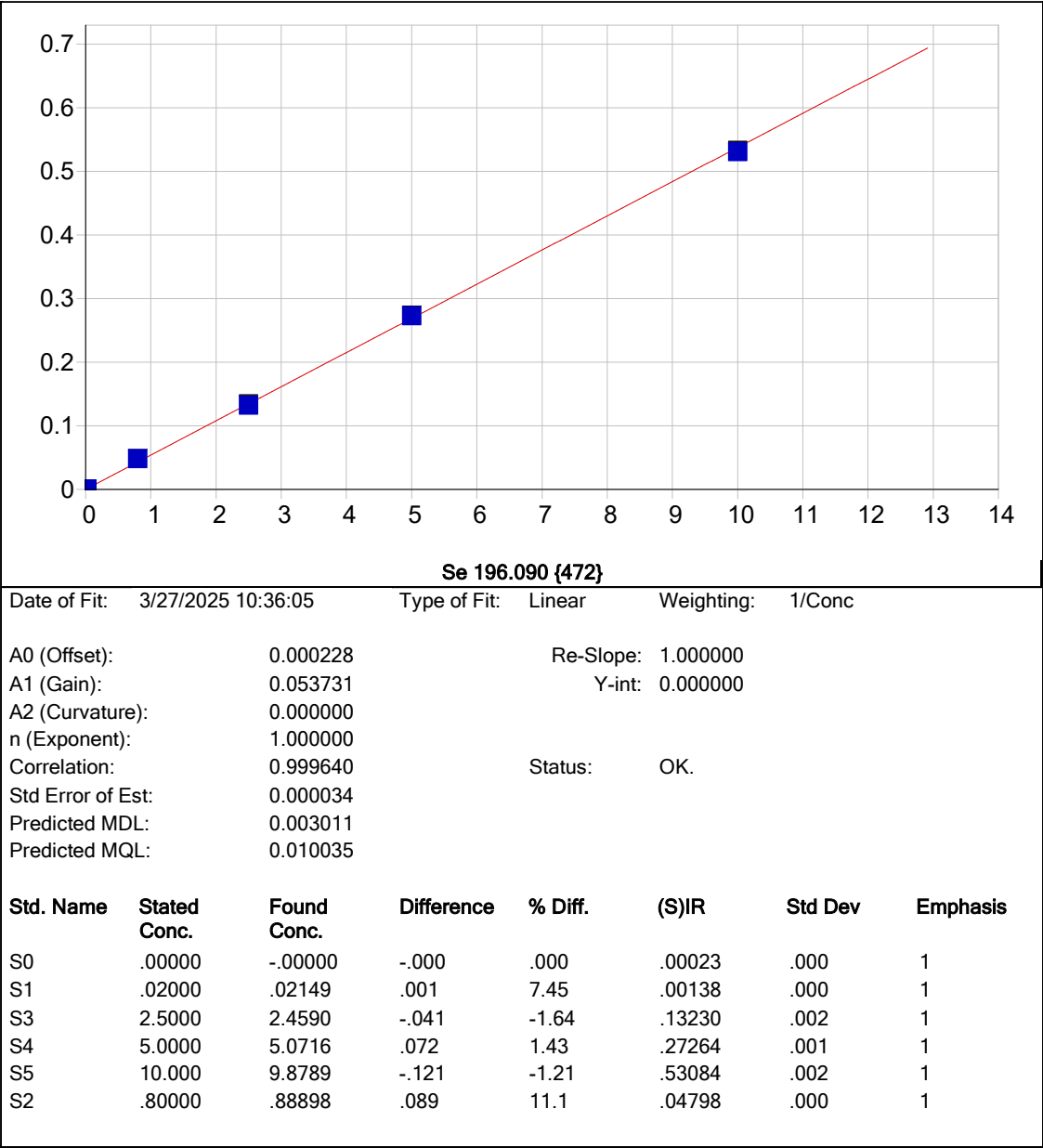
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Predicted MQL: 0.008708

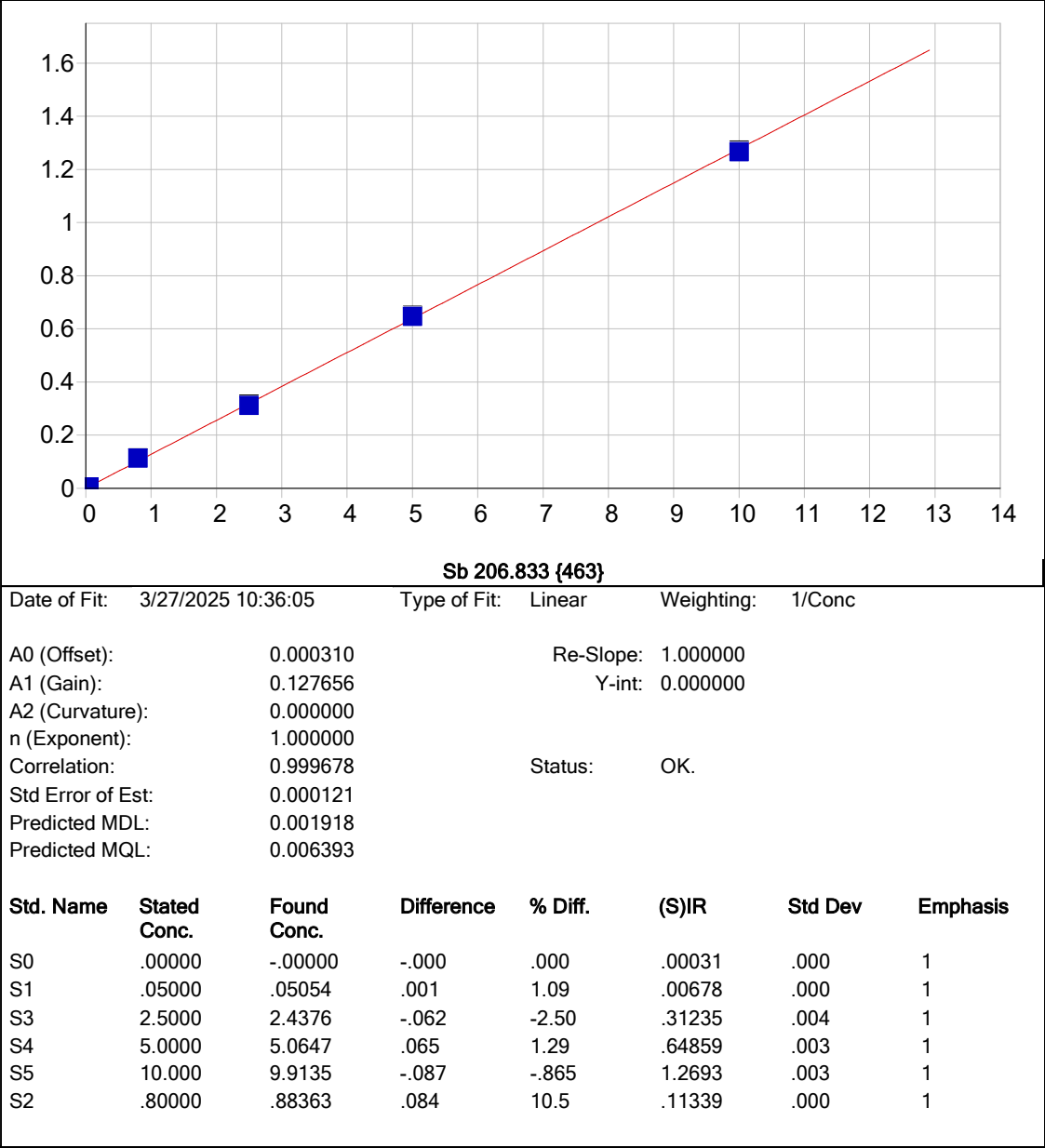
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00010	.000	1
S1	.02000	.01928	-.001	-3.61	.00087	.000	1
S3	2.5000	2.4421	-.058	-2.32	.12371	.001	1
S4	5.0000	5.0617	.062	1.23	.25653	.001	1
S5	10.000	9.9160	-.084	-.840	.50263	.002	1
S2	.80000	.88086	.081	10.1	.04456	.000	1

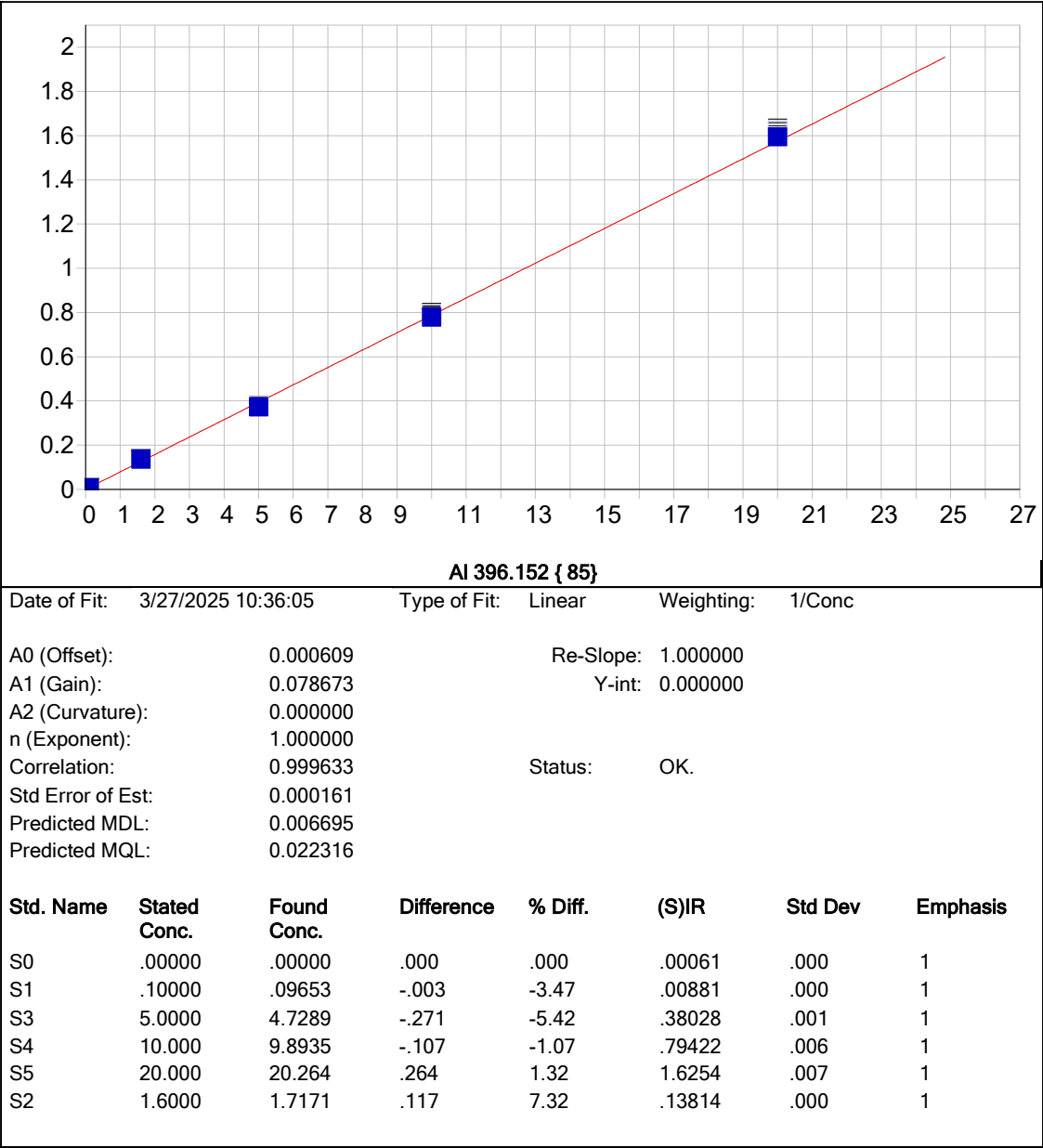


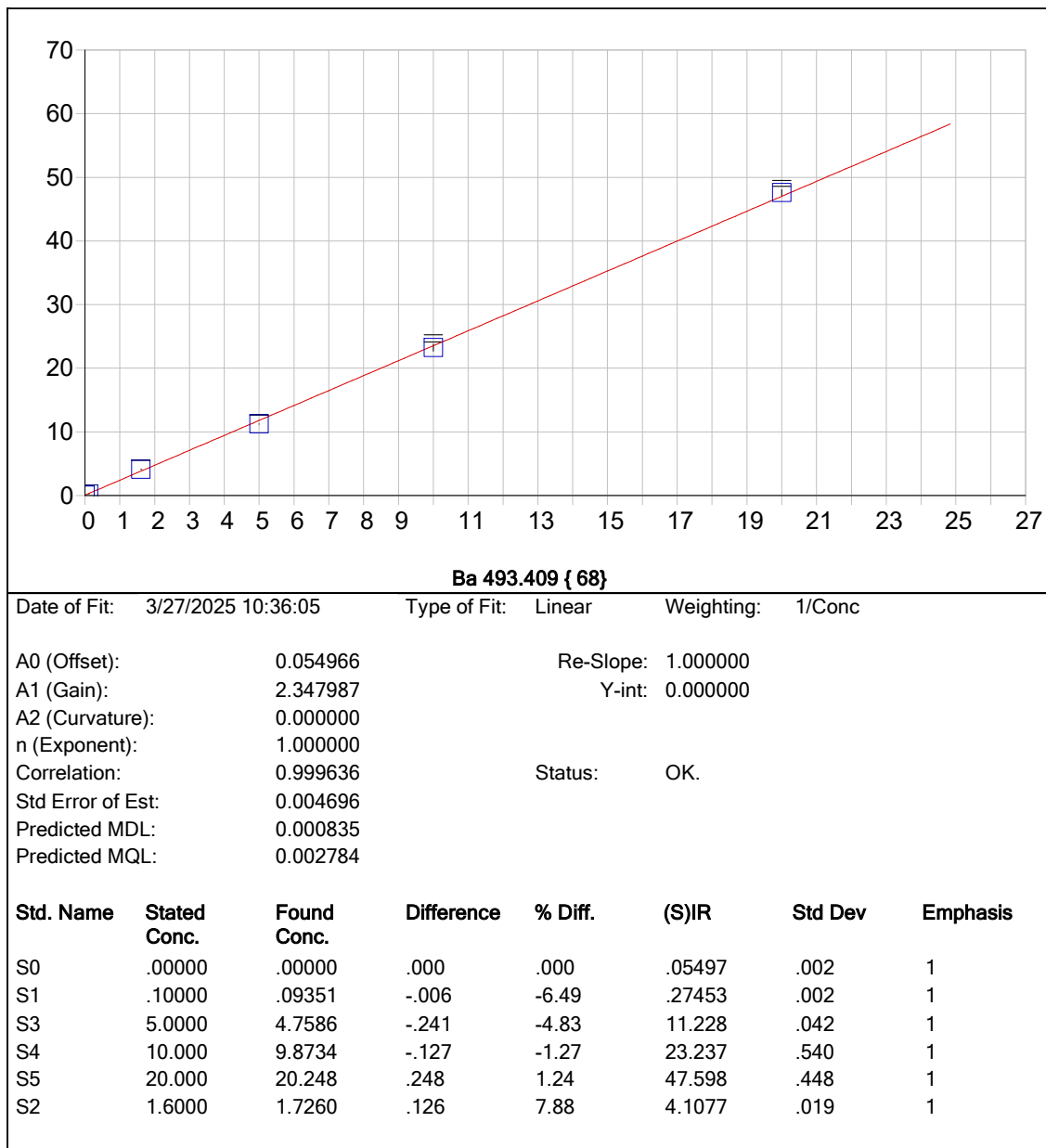


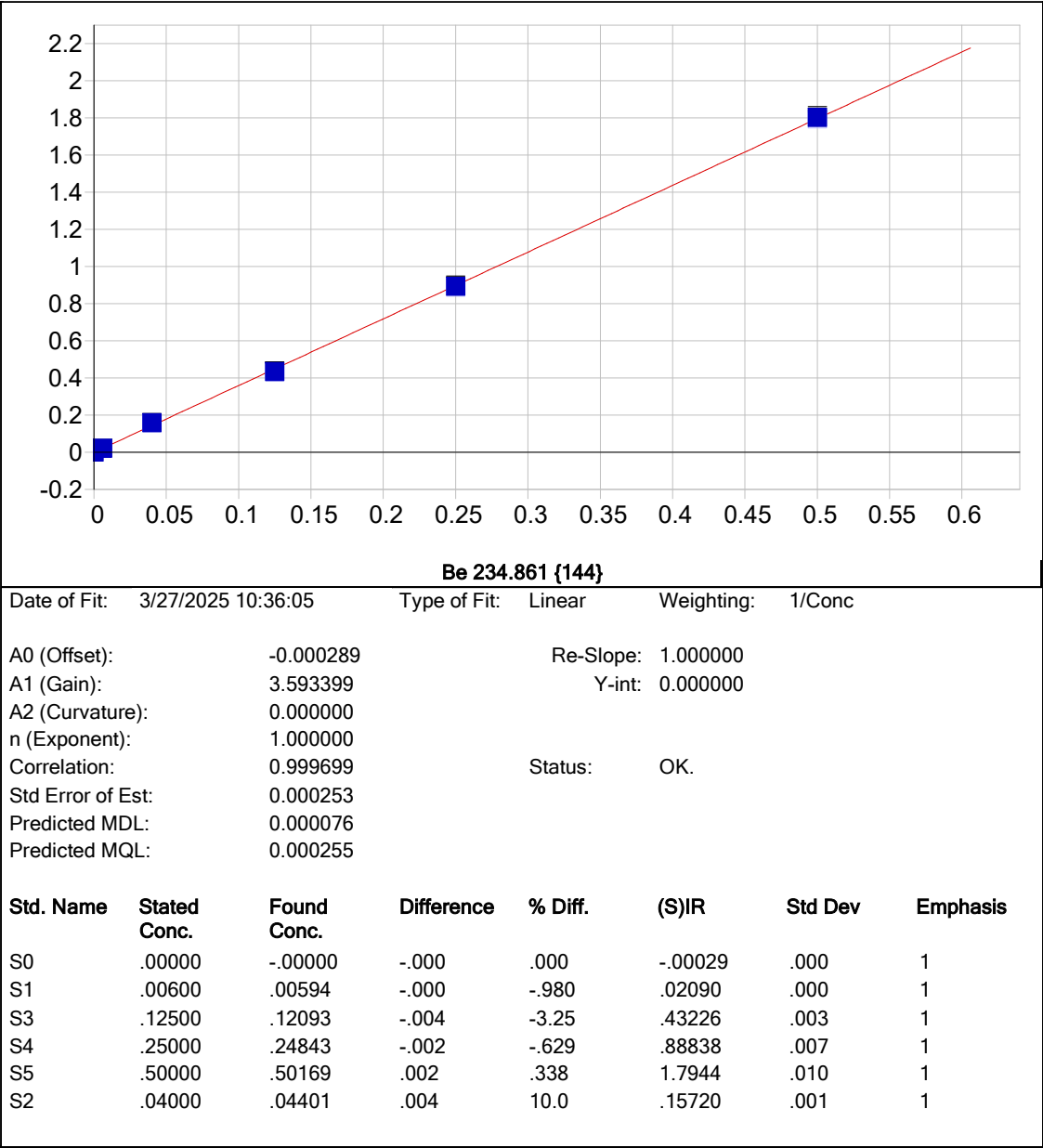
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A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.999685		Status:	OK.			
Std Error of Est:	0.000095						
Predicted MDL:	0.001420						
Predicted MQL:	0.004732						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00004	.000	1
S1	.01200	.01178	-.000	-1.80	.00236	.000	1
S3	2.5000	2.4517	-.048	-1.93	.50951	.005	1
S4	5.0000	5.0456	.046	.912	1.0487	.004	1
S5	10.000	9.9160	-.084	-.840	2.0609	.004	1
S2	.80000	.88692	.087	10.9	.18432	.001	1

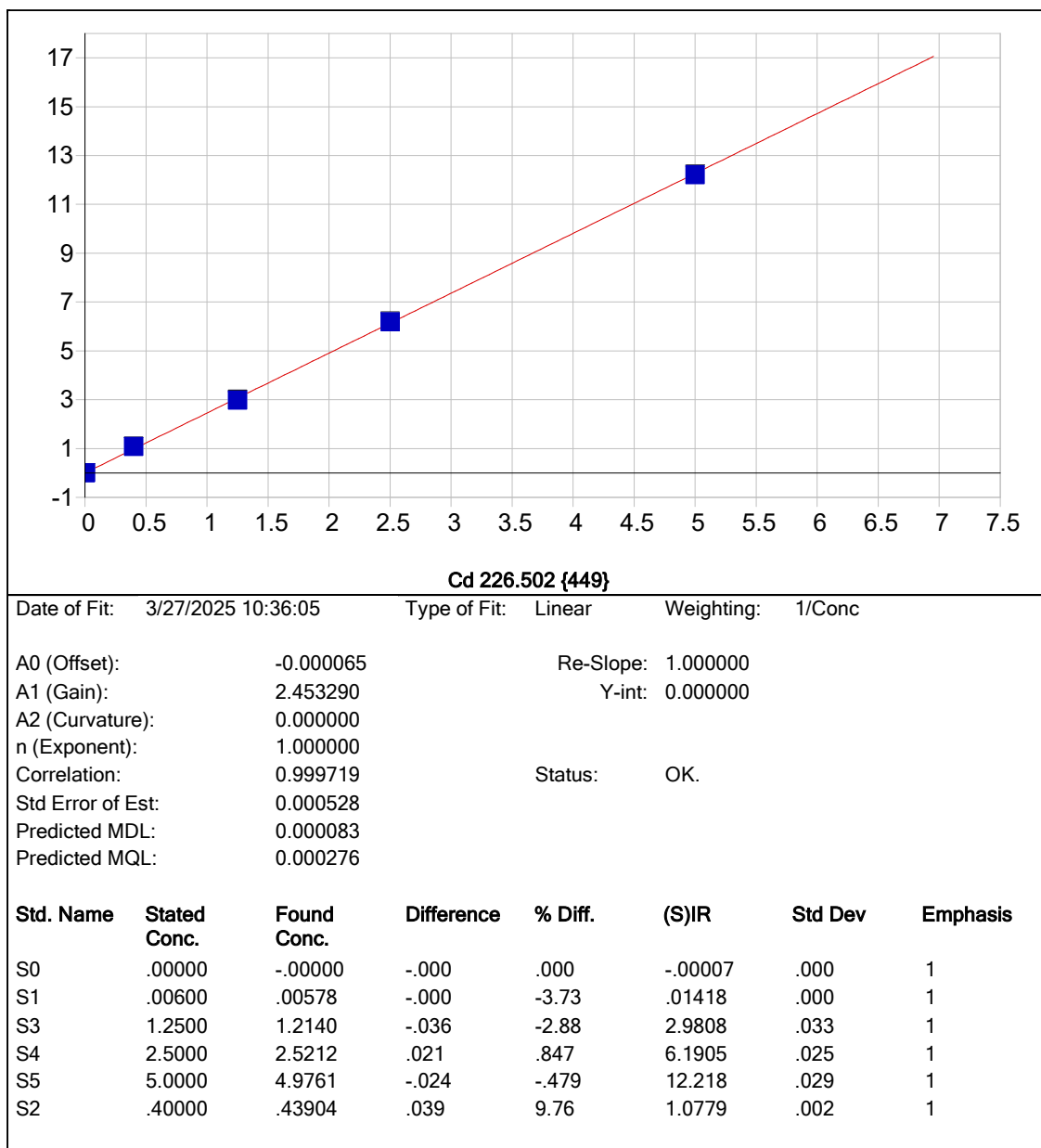


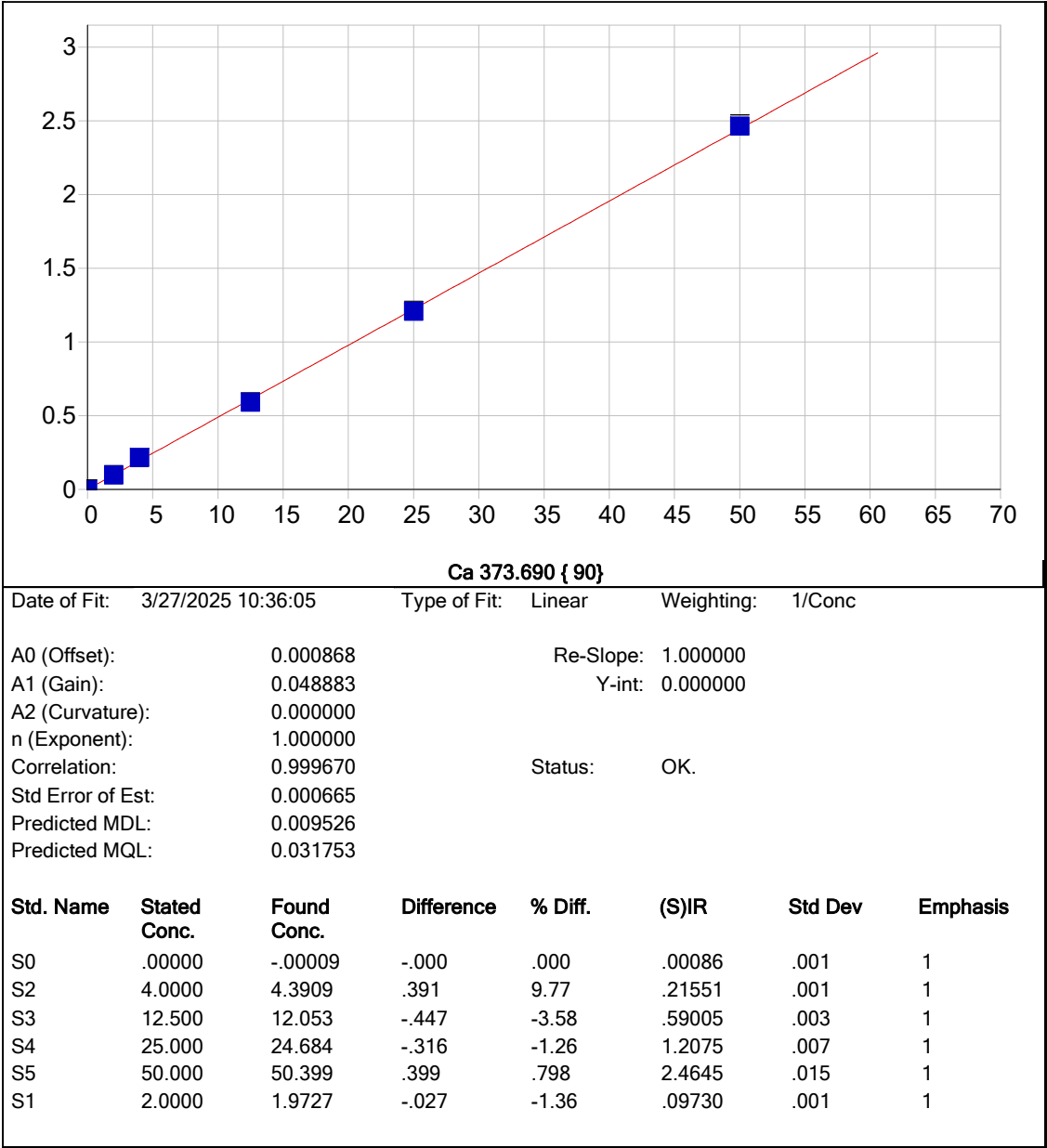


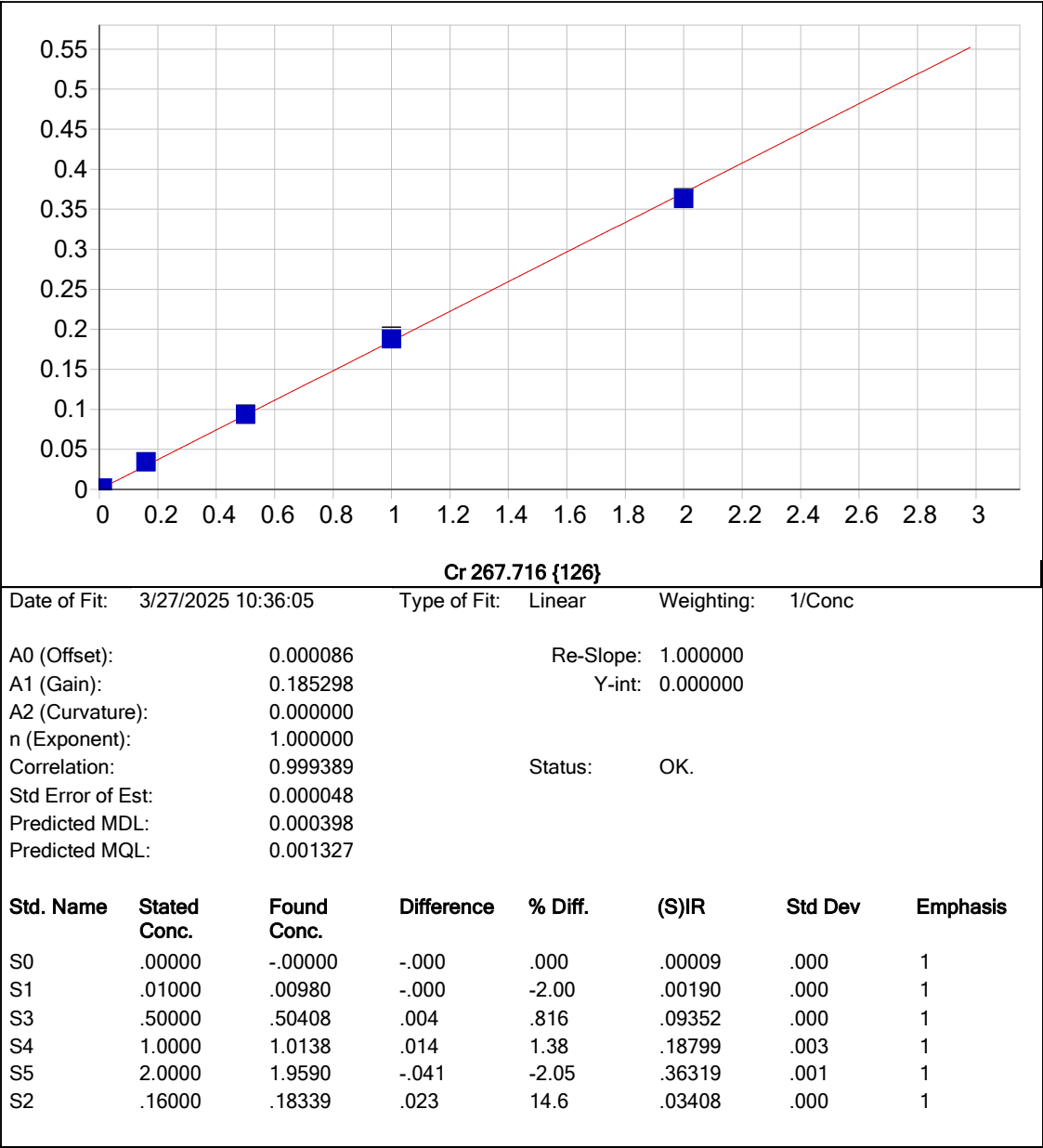


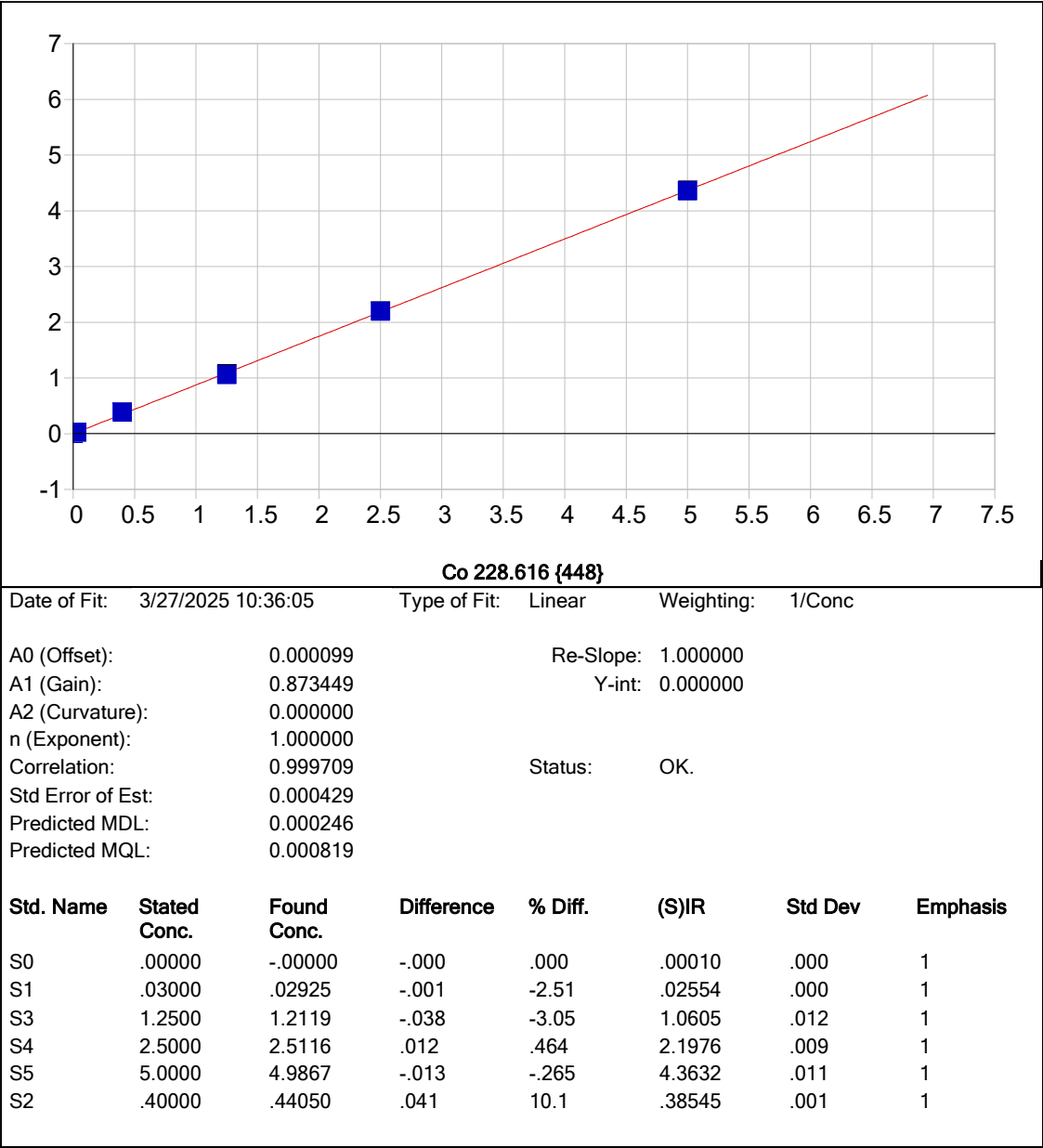


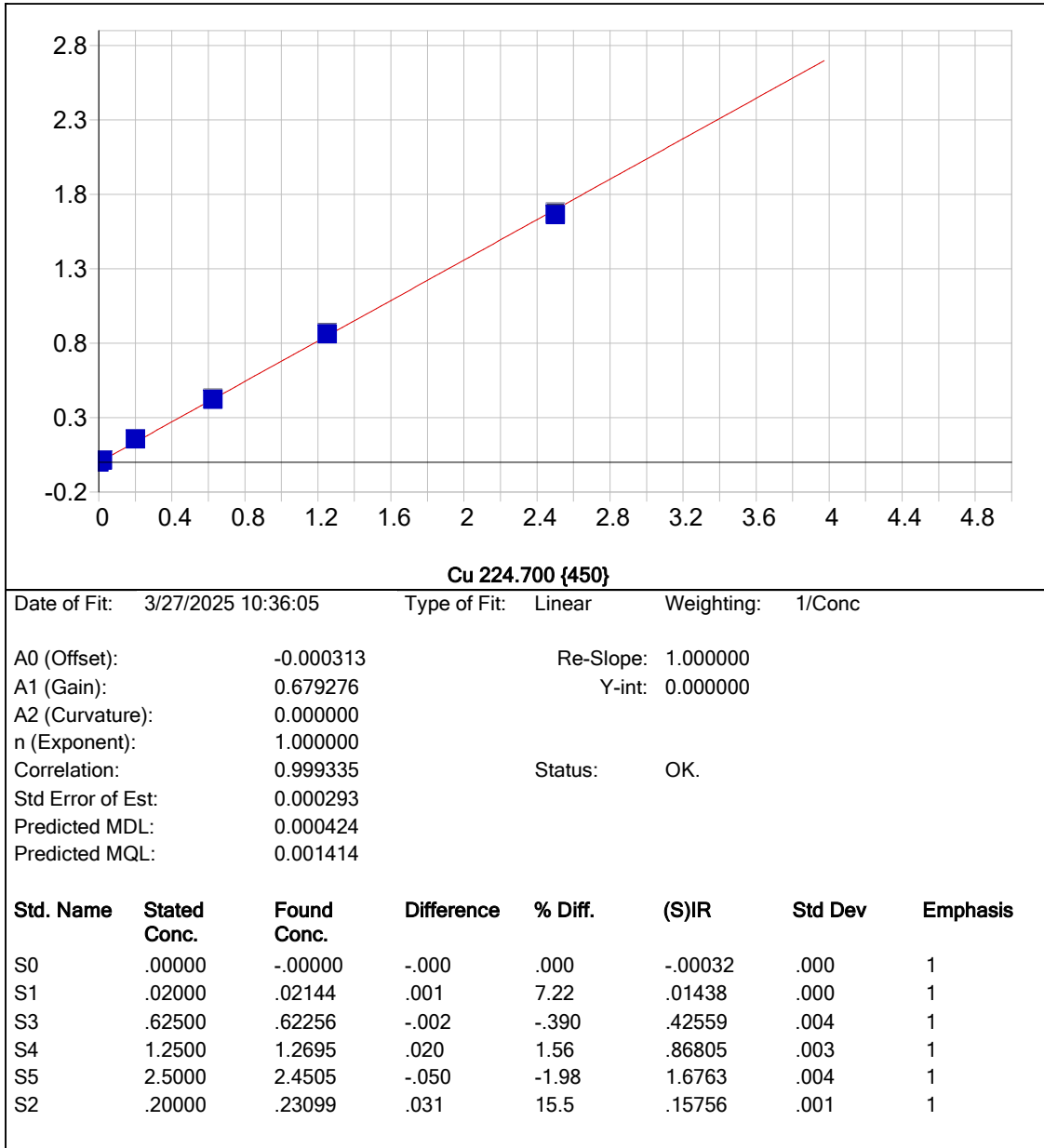


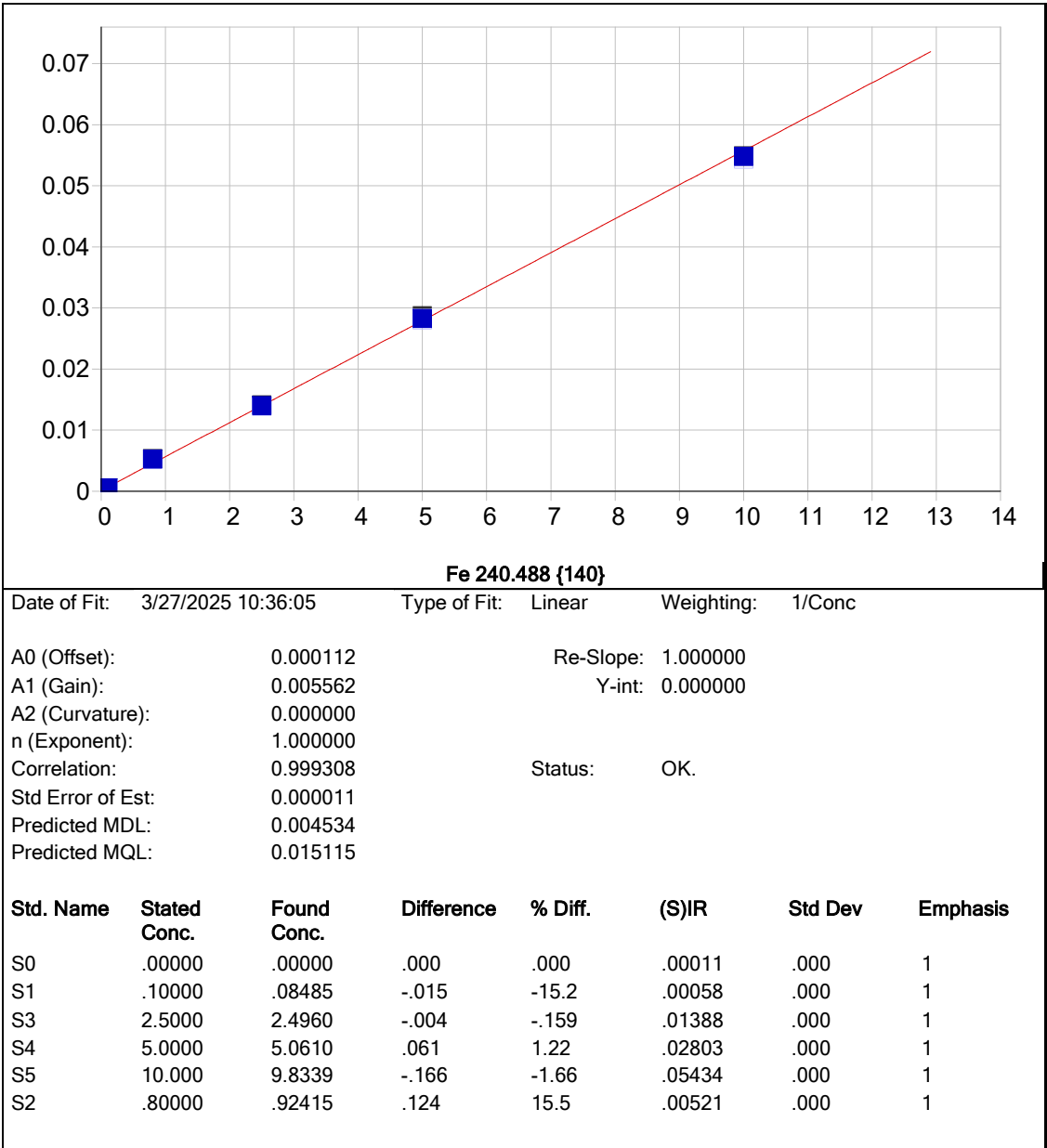






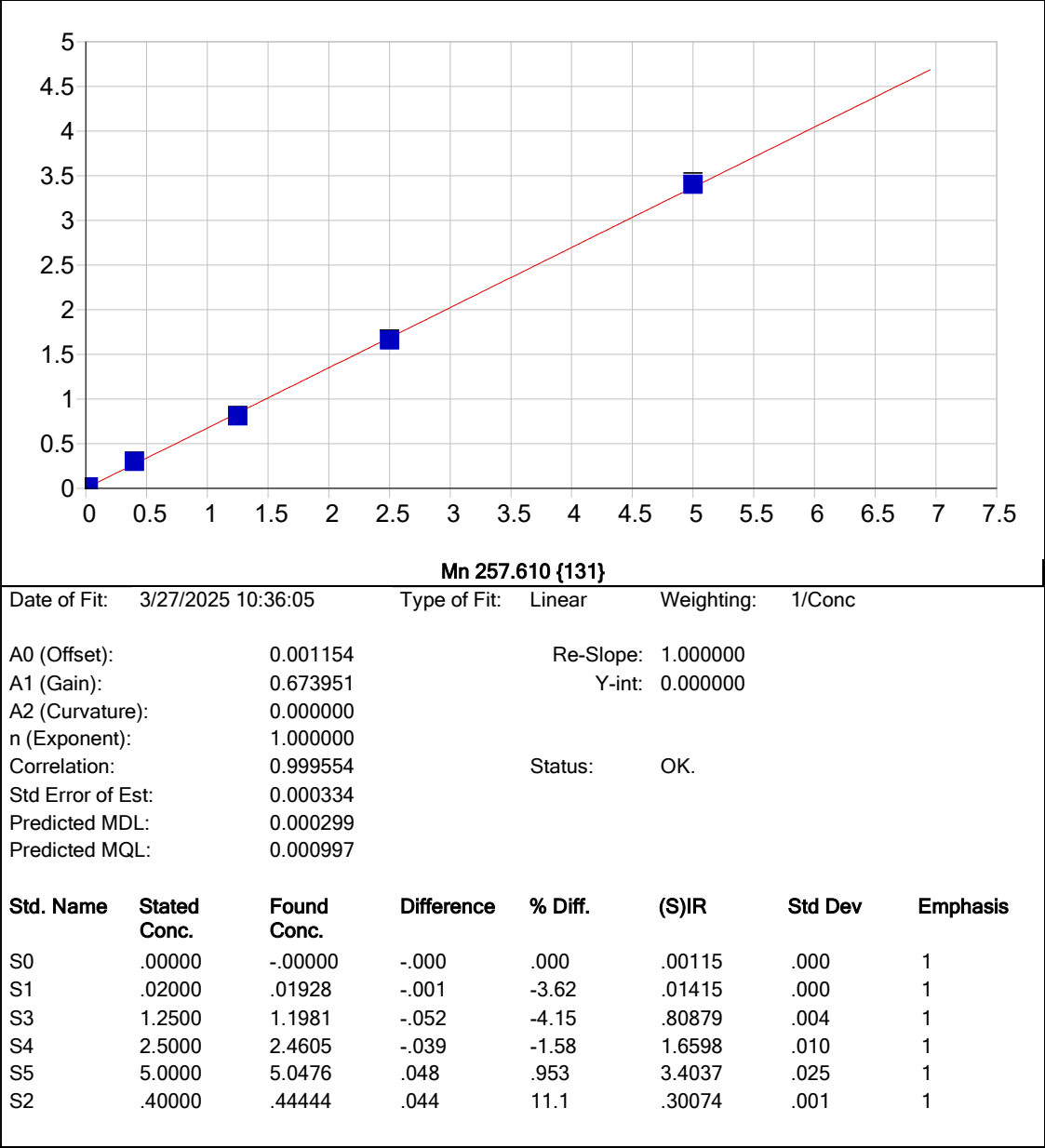


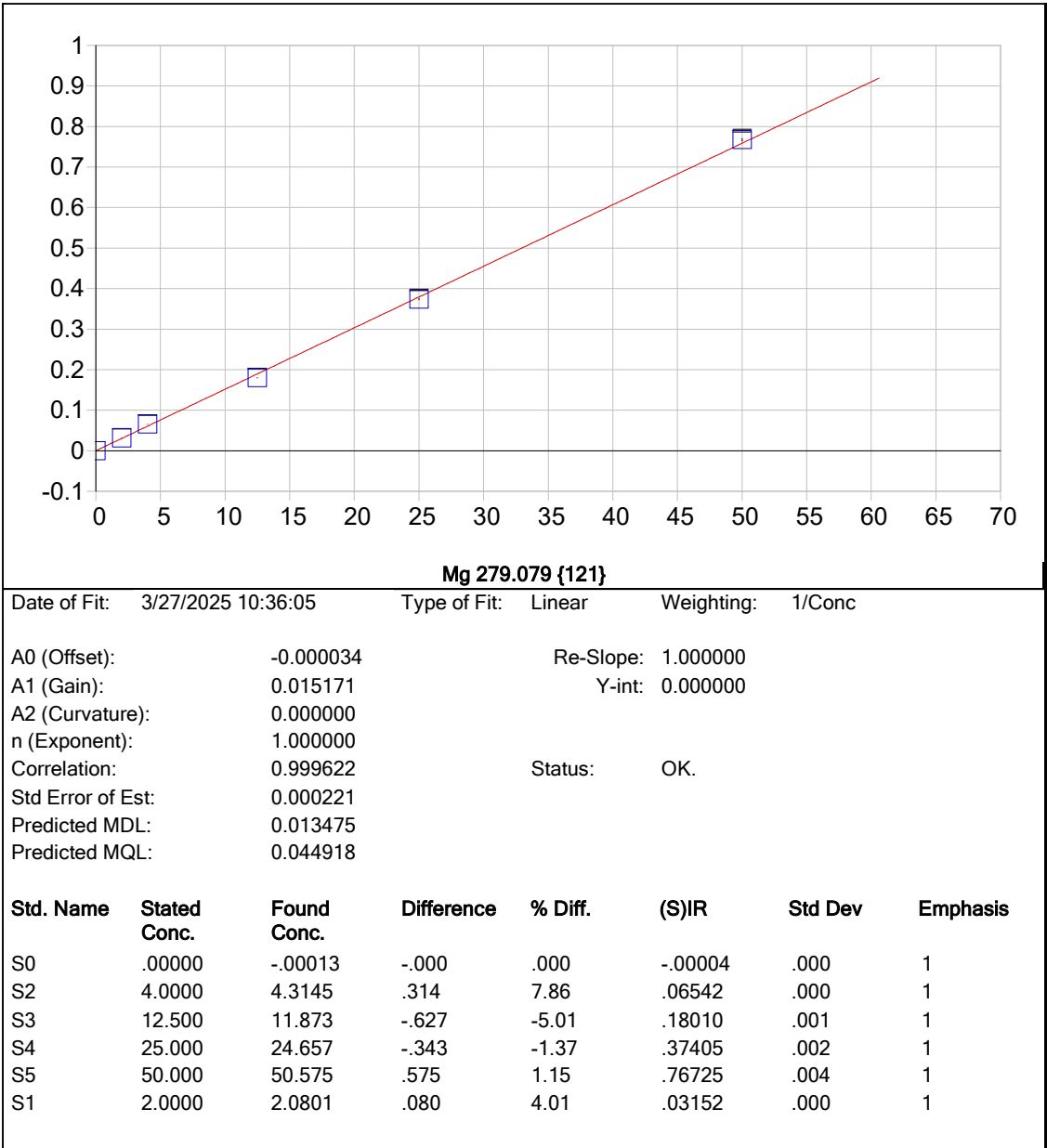




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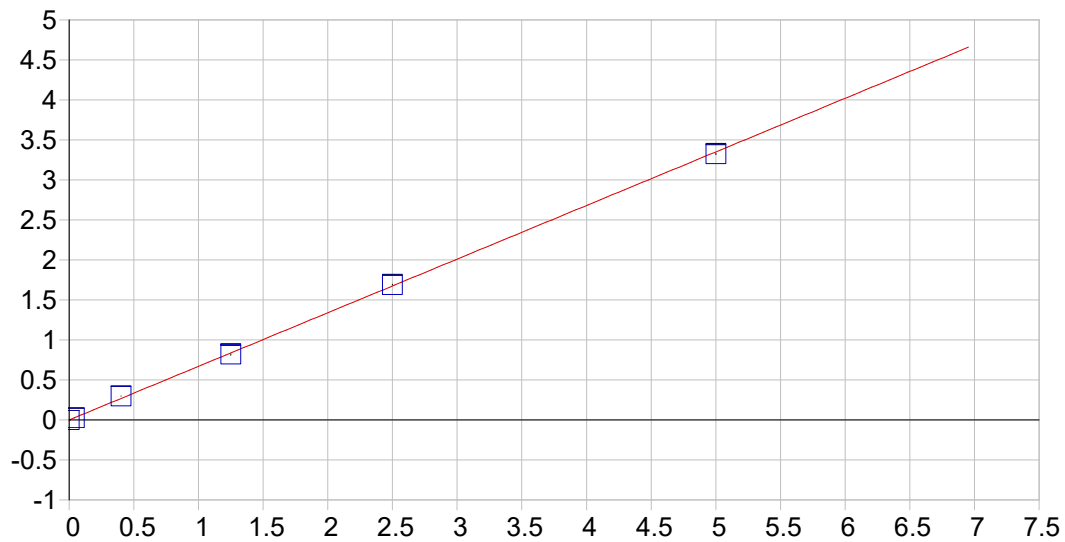
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Predicted MDL: 0.004534
Predicted MQL: 0.015115





Date of Fit: 3/27/2025 10:36:05 Type of Fit: Linear Weighting: 1/Conc

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A2 (Curvature): 0.000000
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Predicted MQL: 0.044918

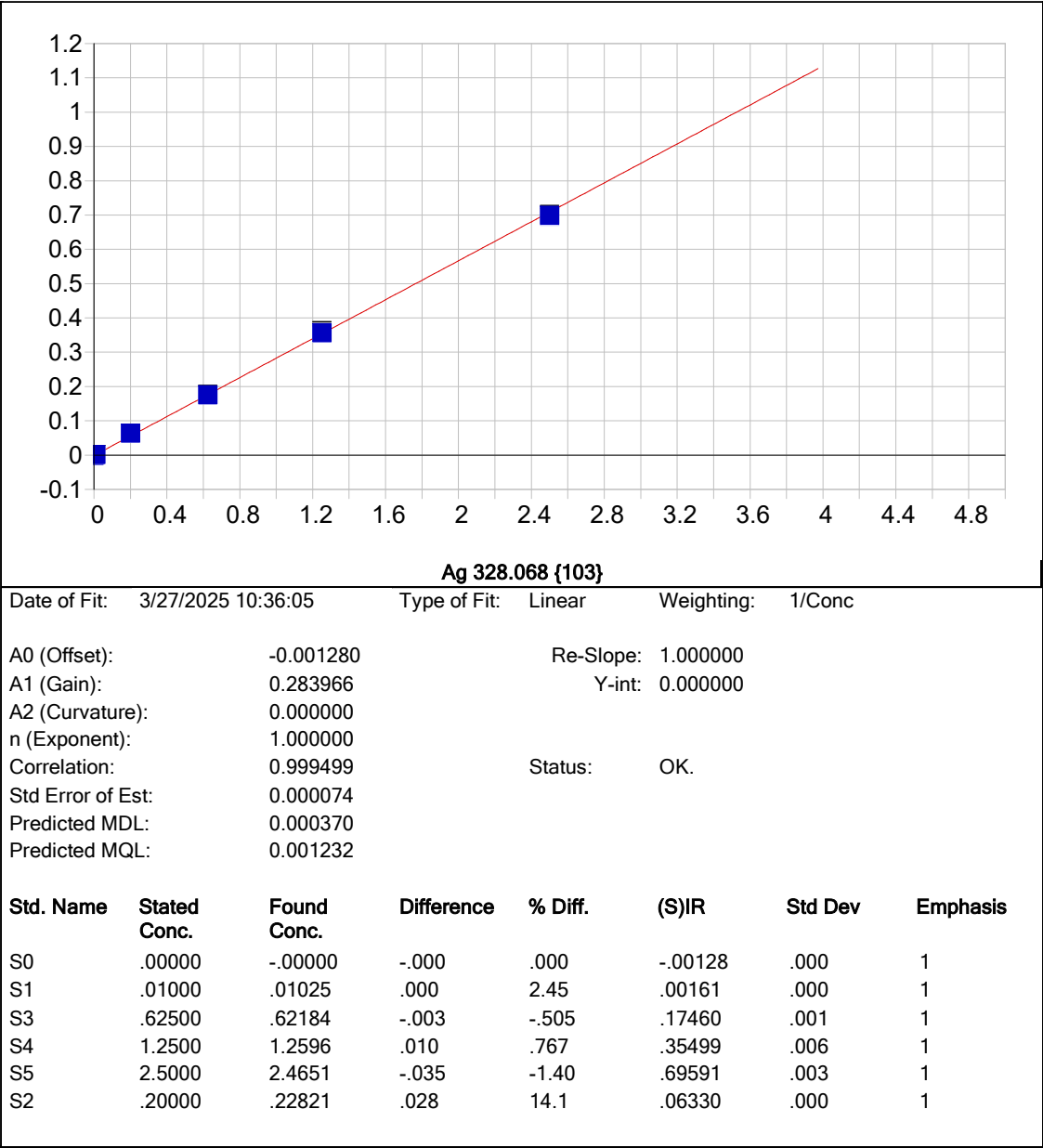


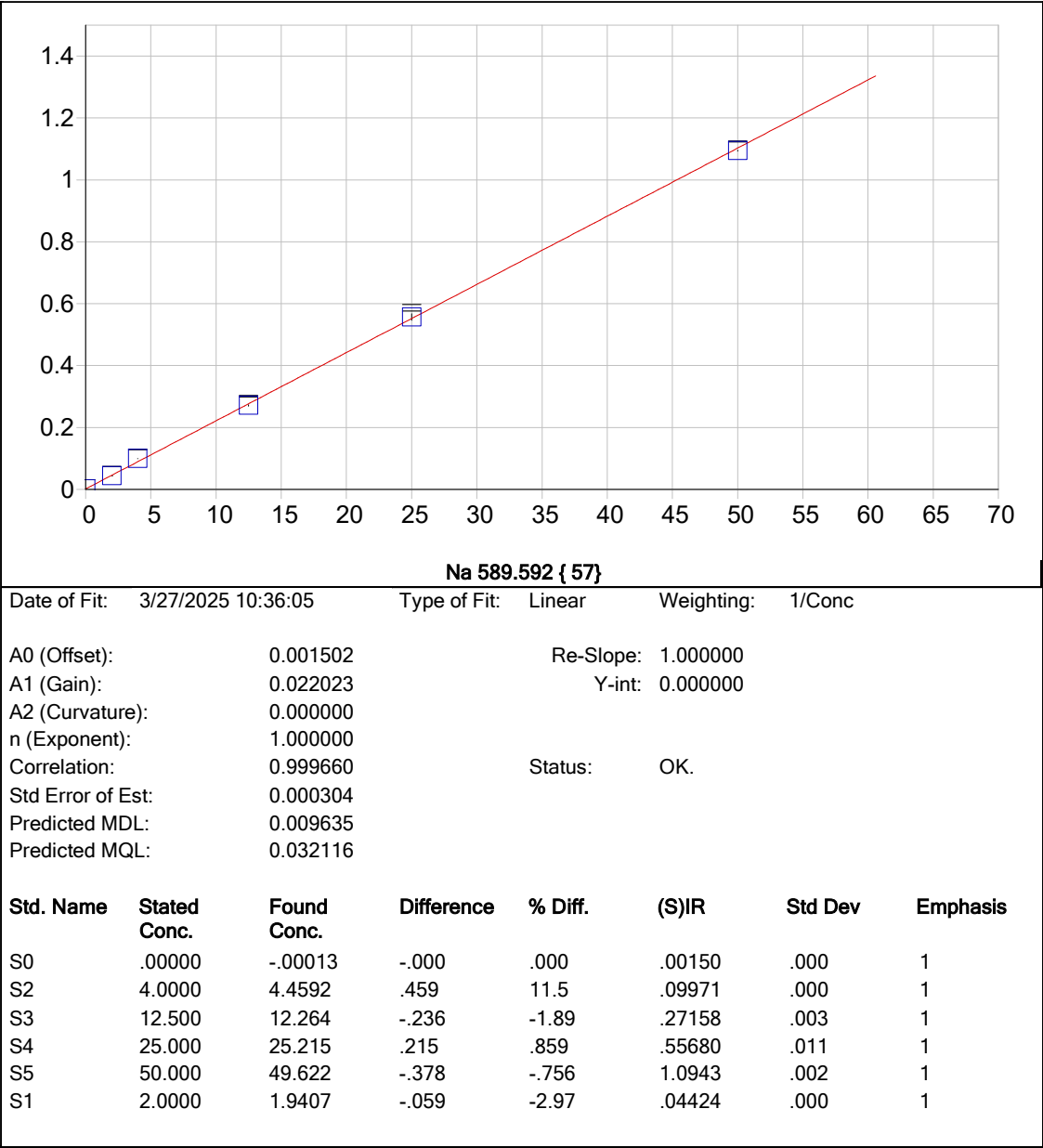
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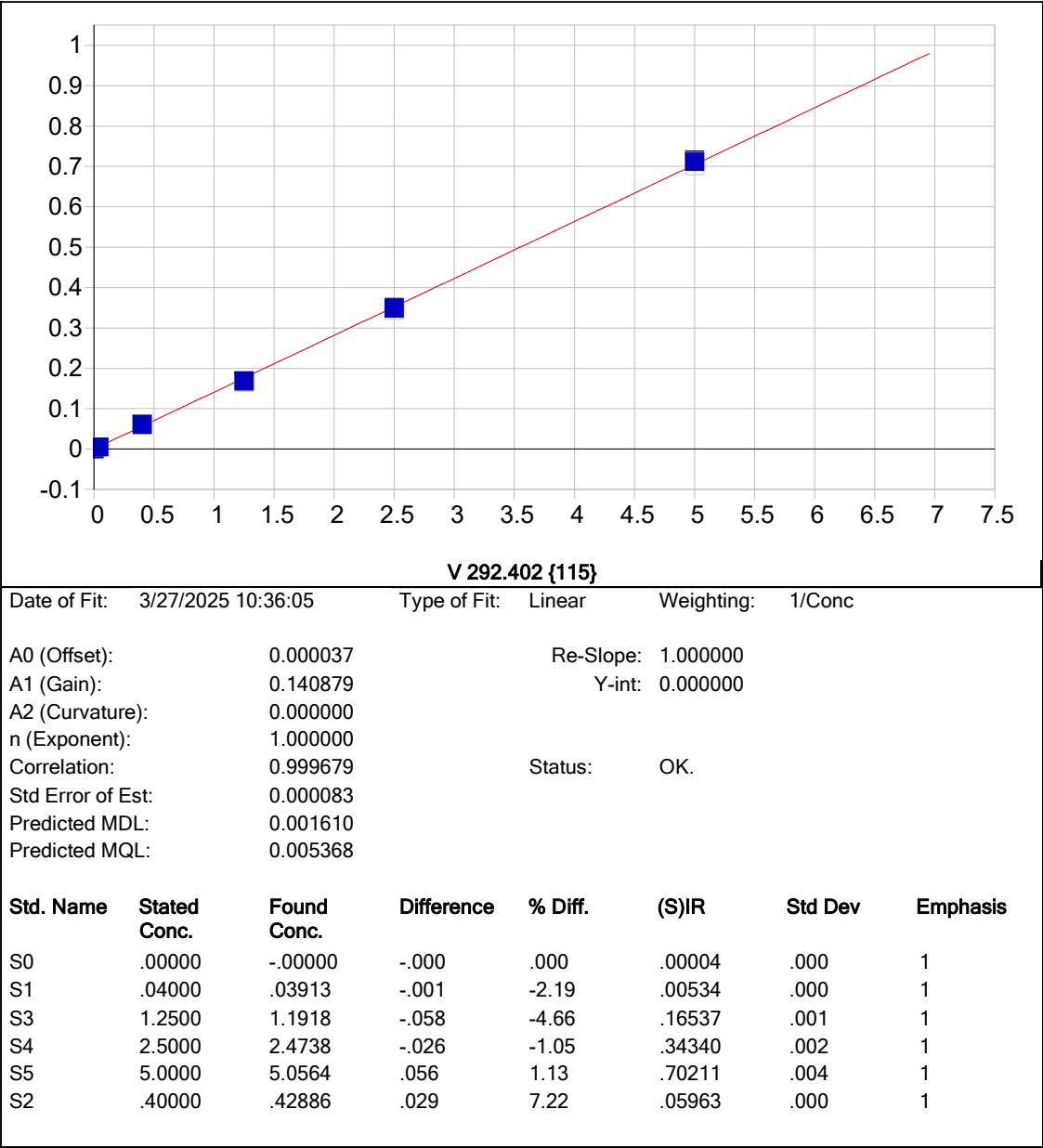
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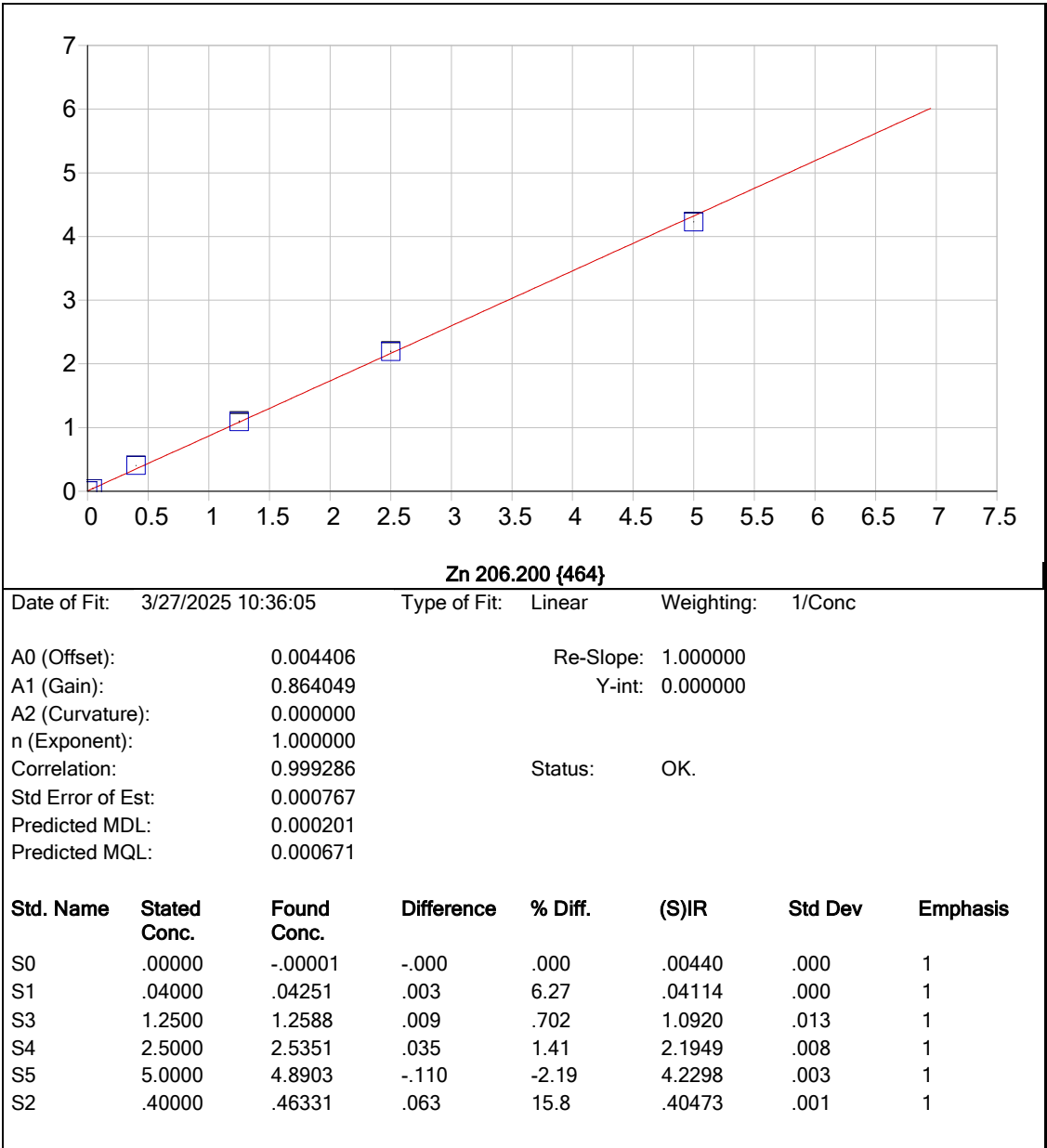
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Correlation: 0.999673 Status: OK.
Std Error of Est: 0.000402
Predicted MDL: 0.000300
Predicted MQL: 0.001000

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00021	.000	1
S1	.04000	.03883	-.001	-2.93	.02581	.000	1
S3	1.2500	1.2223	-.028	-2.22	.81878	.010	1
S4	2.5000	2.5220	.022	.880	1.6897	.006	1
S5	5.0000	4.9627	-.037	-.746	3.3250	.008	1
S2	.40000	.44422	.044	11.1	.29744	.001	1



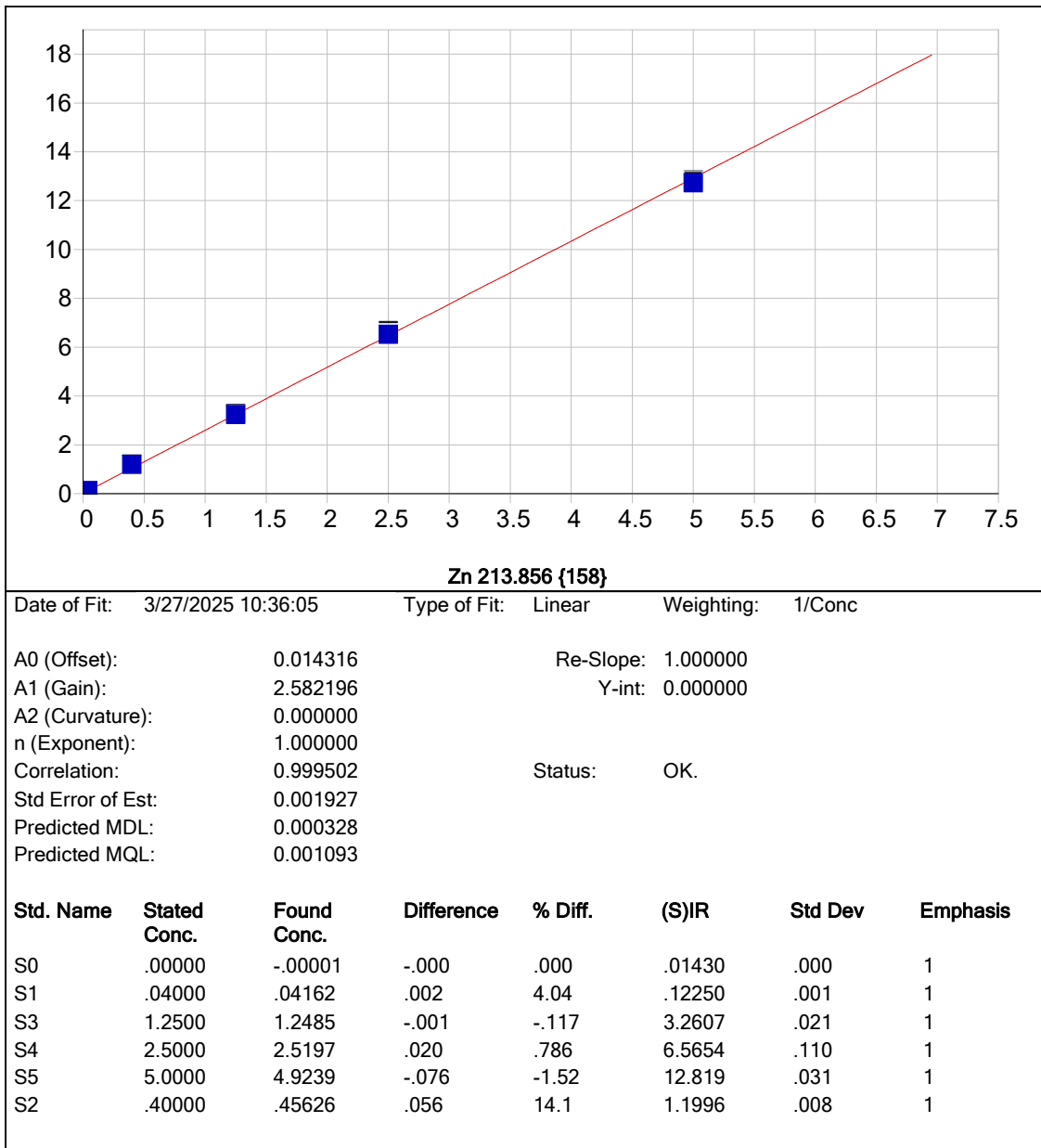


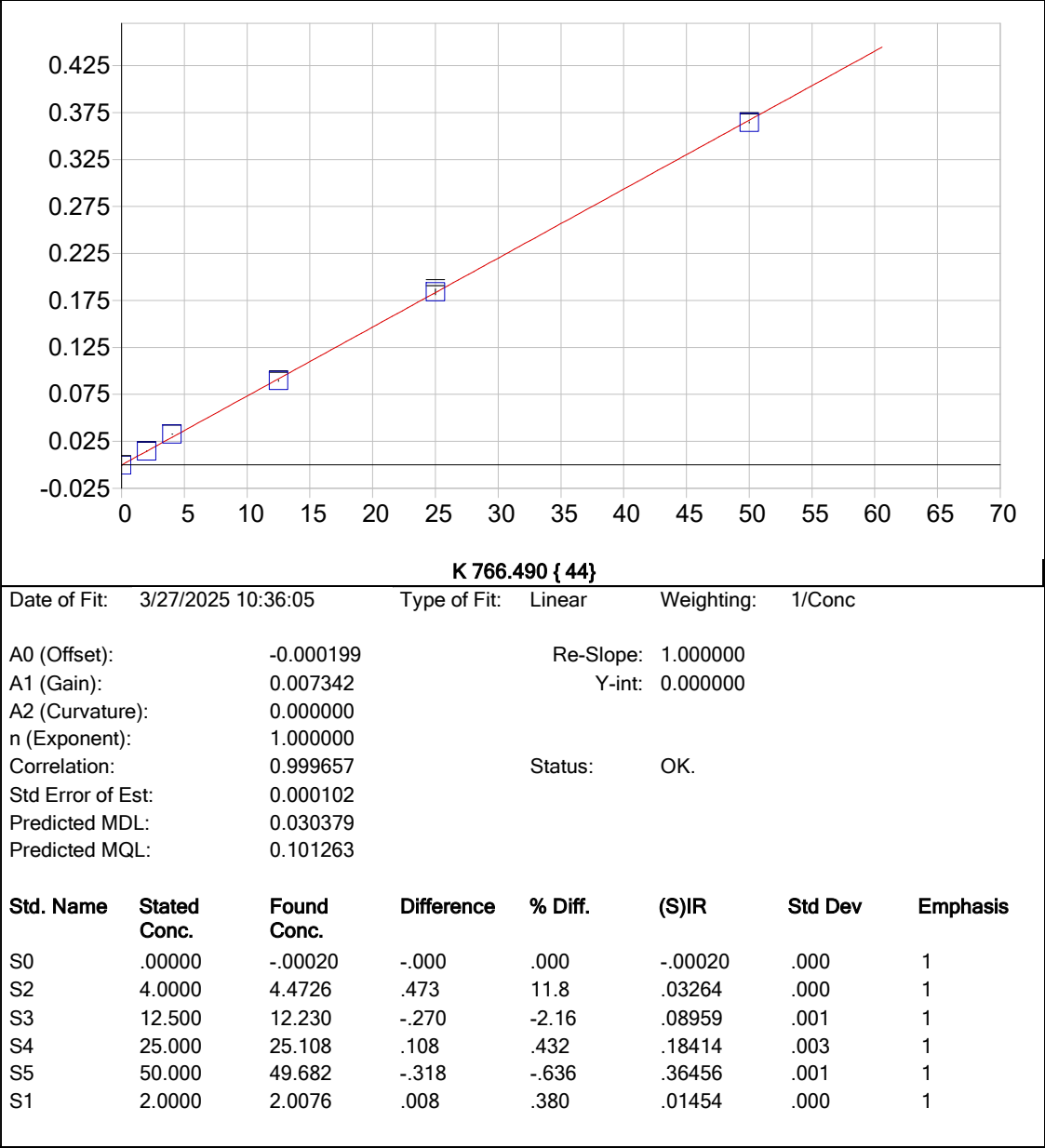


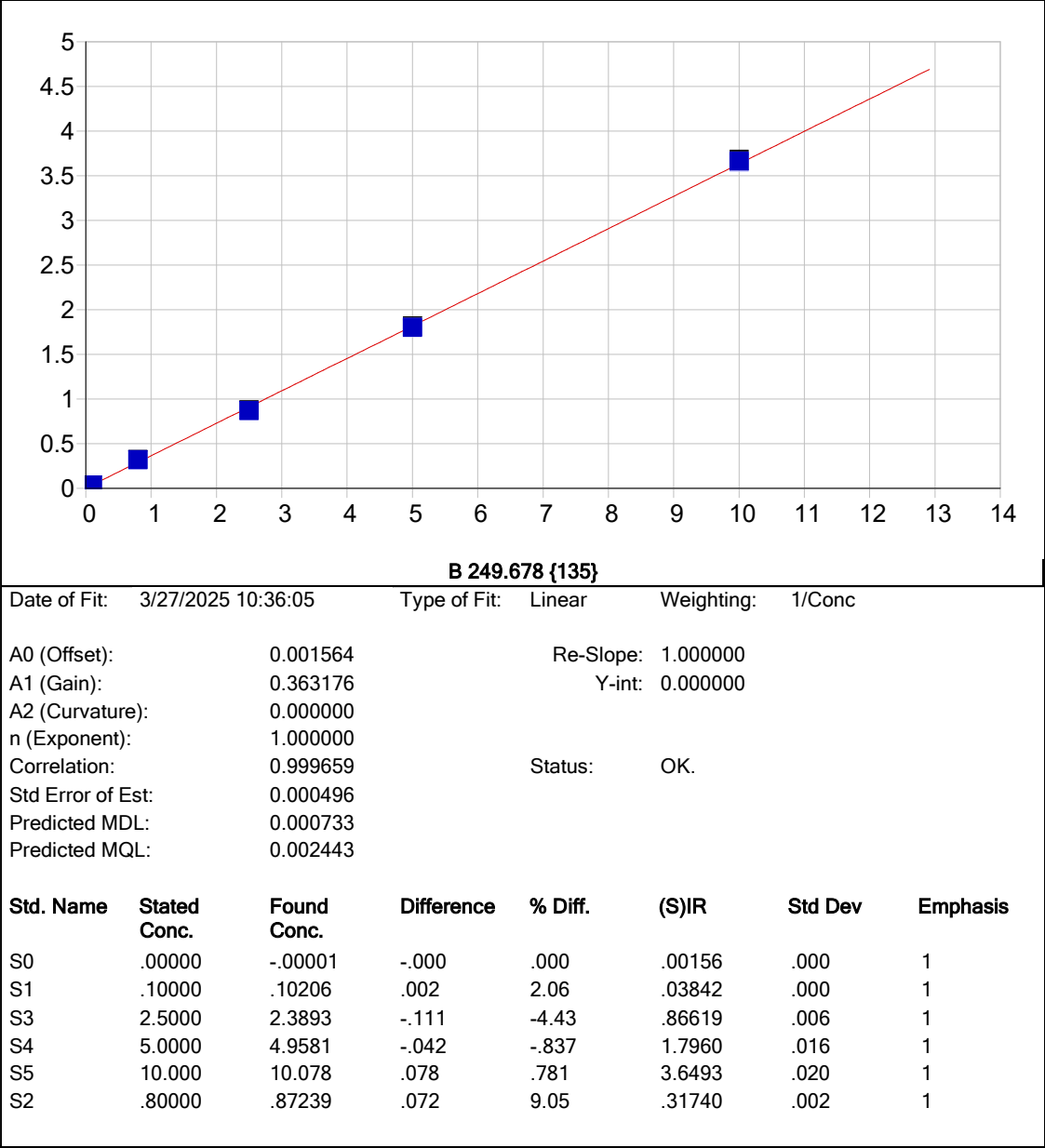


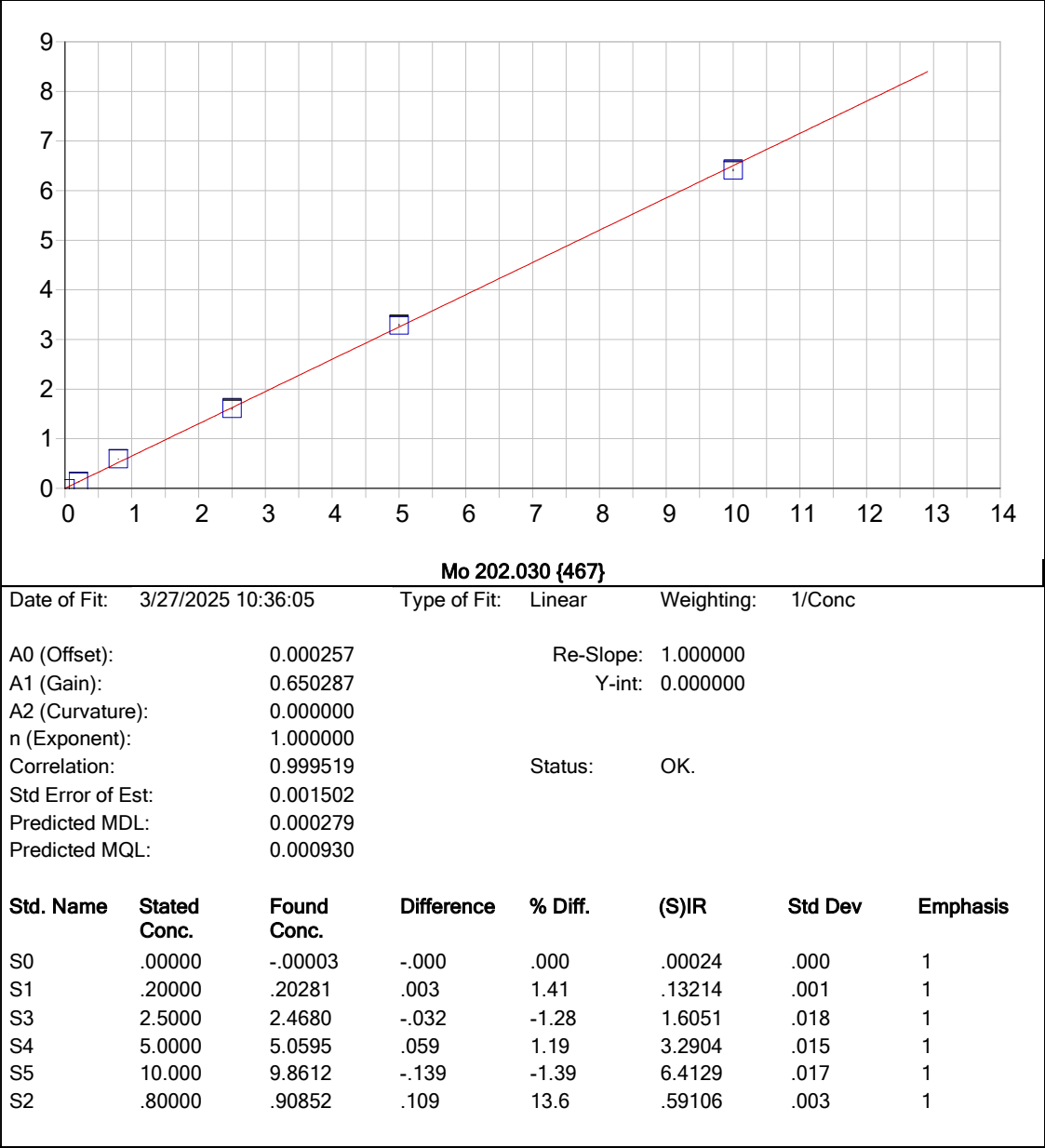
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A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
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Predicted MDL:	0.000201				
Predicted MQL:	0.000671				

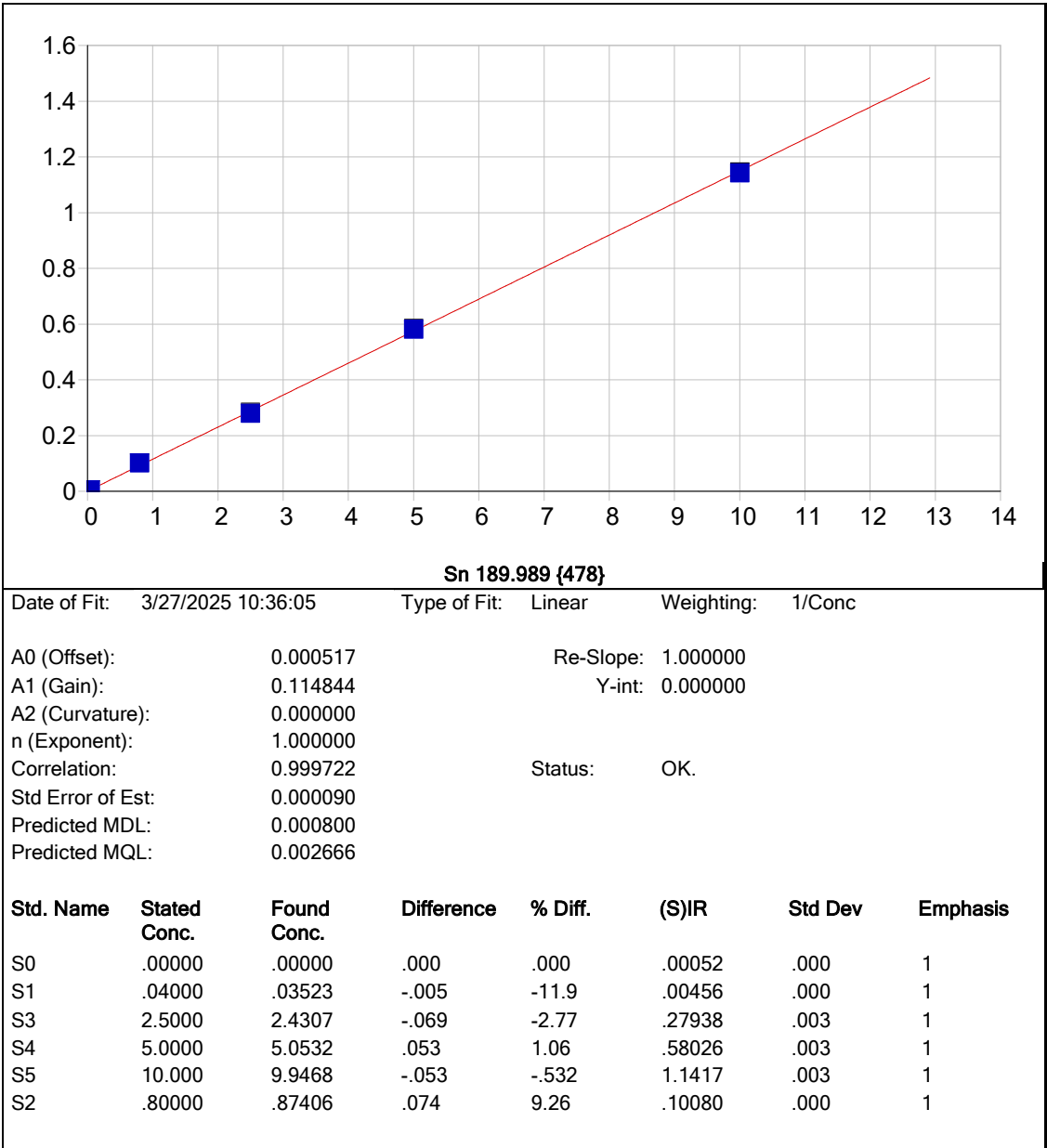
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00440	.000	1
S1	.04000	.04251	.003	6.27	.04114	.000	1
S3	1.2500	1.2588	.009	.702	1.0920	.013	1
S4	2.5000	2.5351	.035	1.41	2.1949	.008	1
S5	5.0000	4.8903	-.110	-2.19	4.2298	.003	1
S2	.40000	.46331	.063	15.8	.40473	.001	1





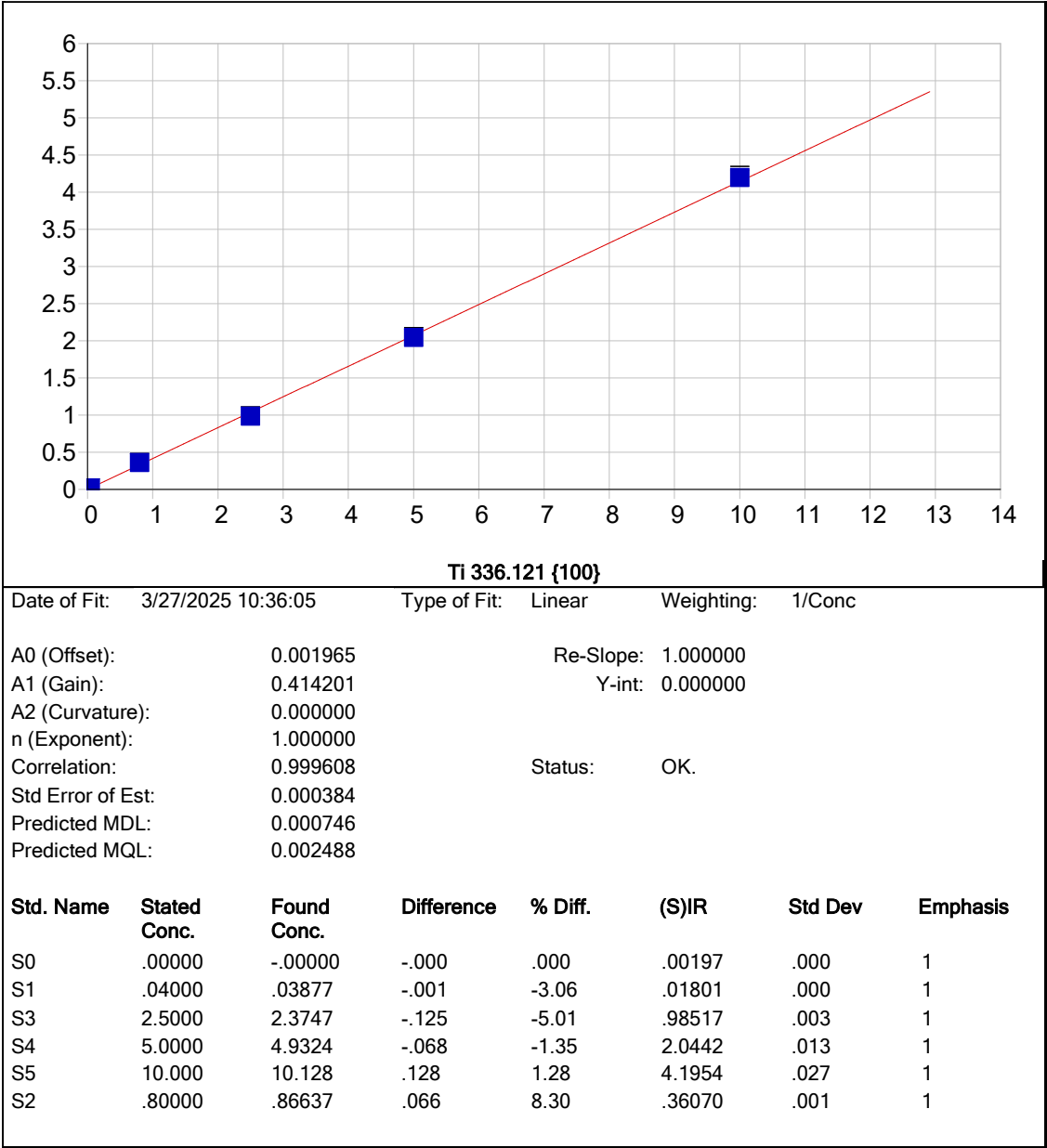


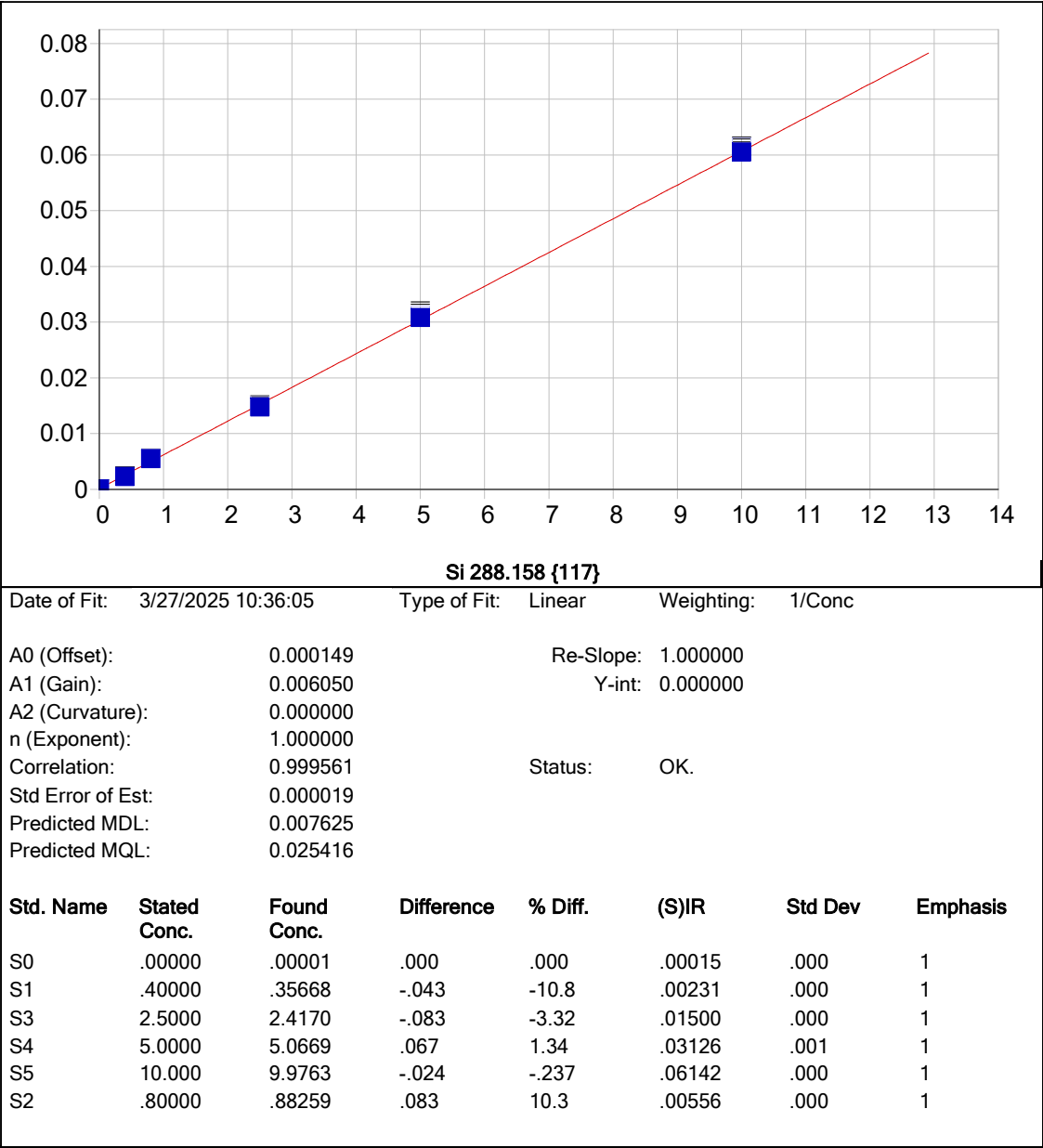


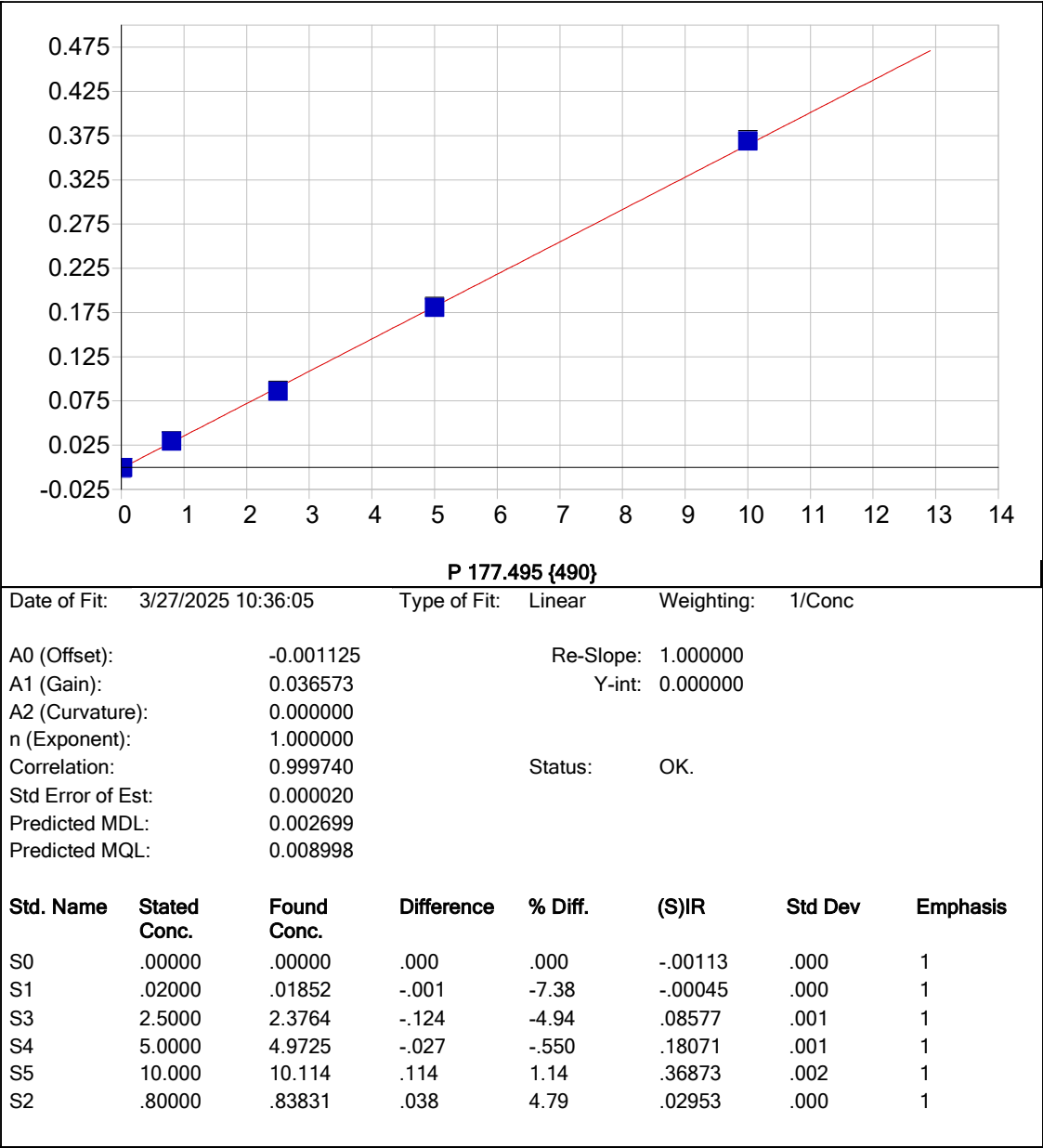


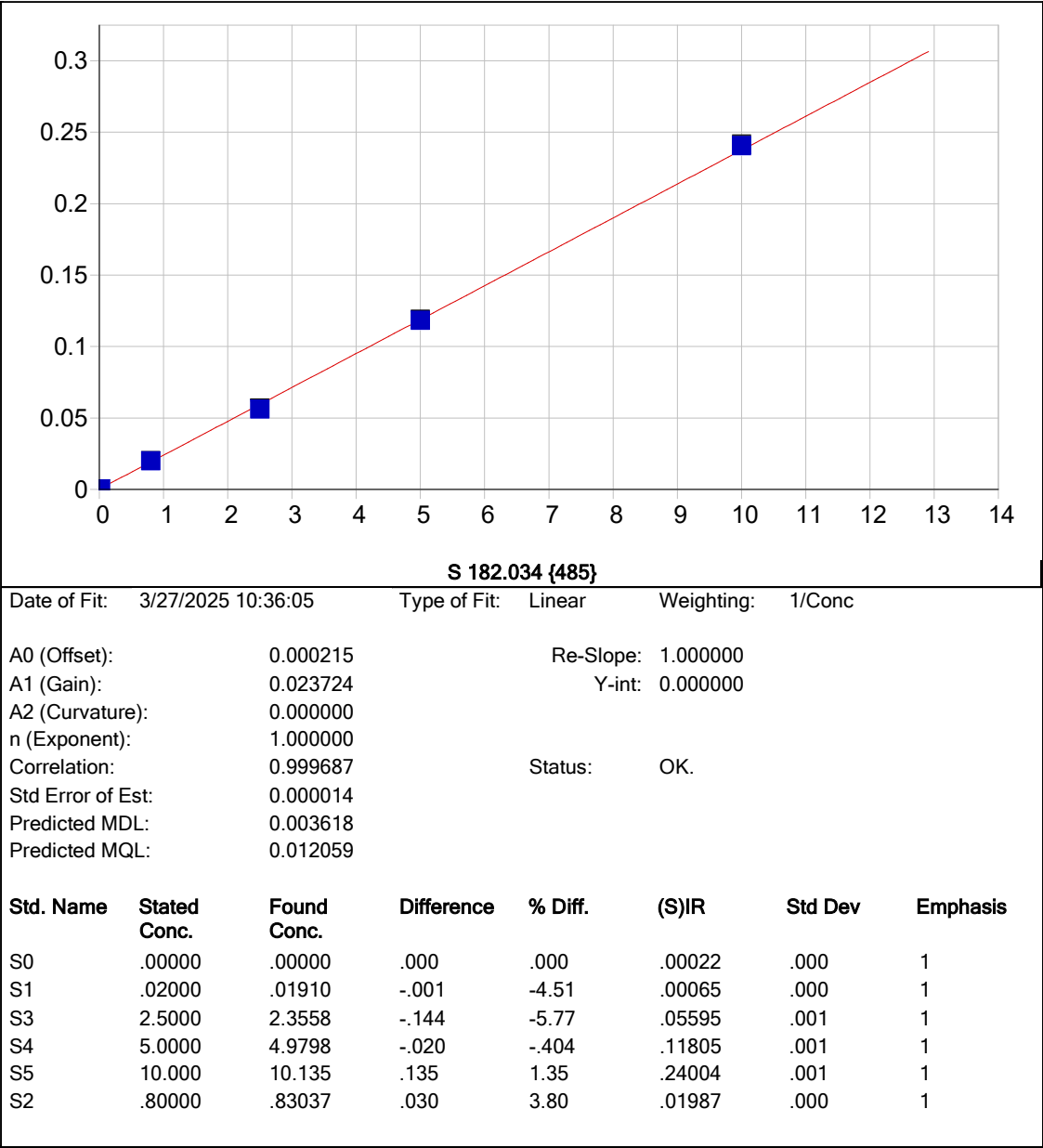
Date of Fit: 3/27/2025 10:36:05 Type of Fit: Linear Weighting: 1/Conc

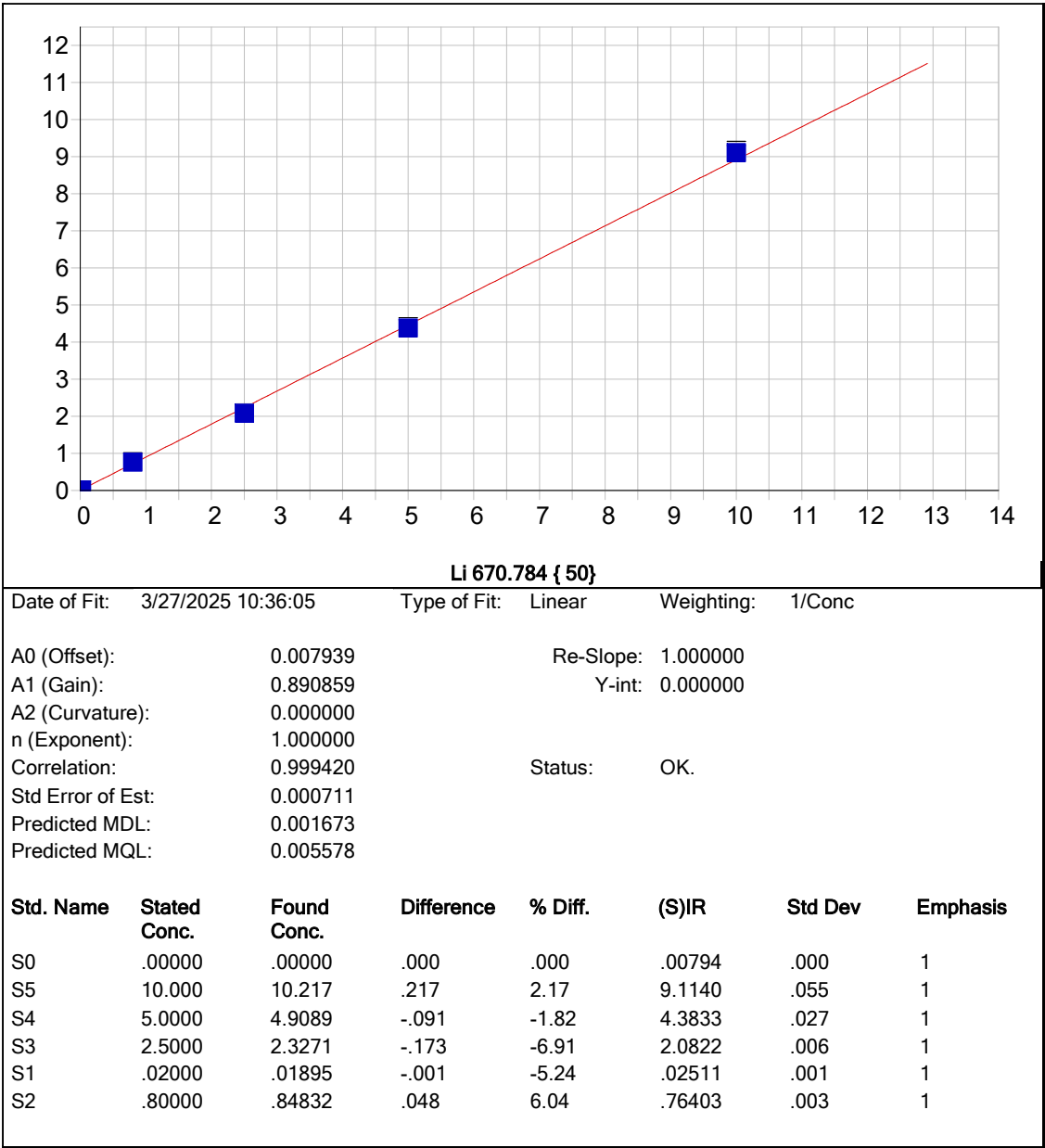
A0 (Offset): 0.000517 Re-Slope: 1.000000
A1 (Gain): 0.114844 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999722 Status: OK.
Std Error of Est: 0.000090
Predicted MDL: 0.000800
Predicted MQL: 0.002666

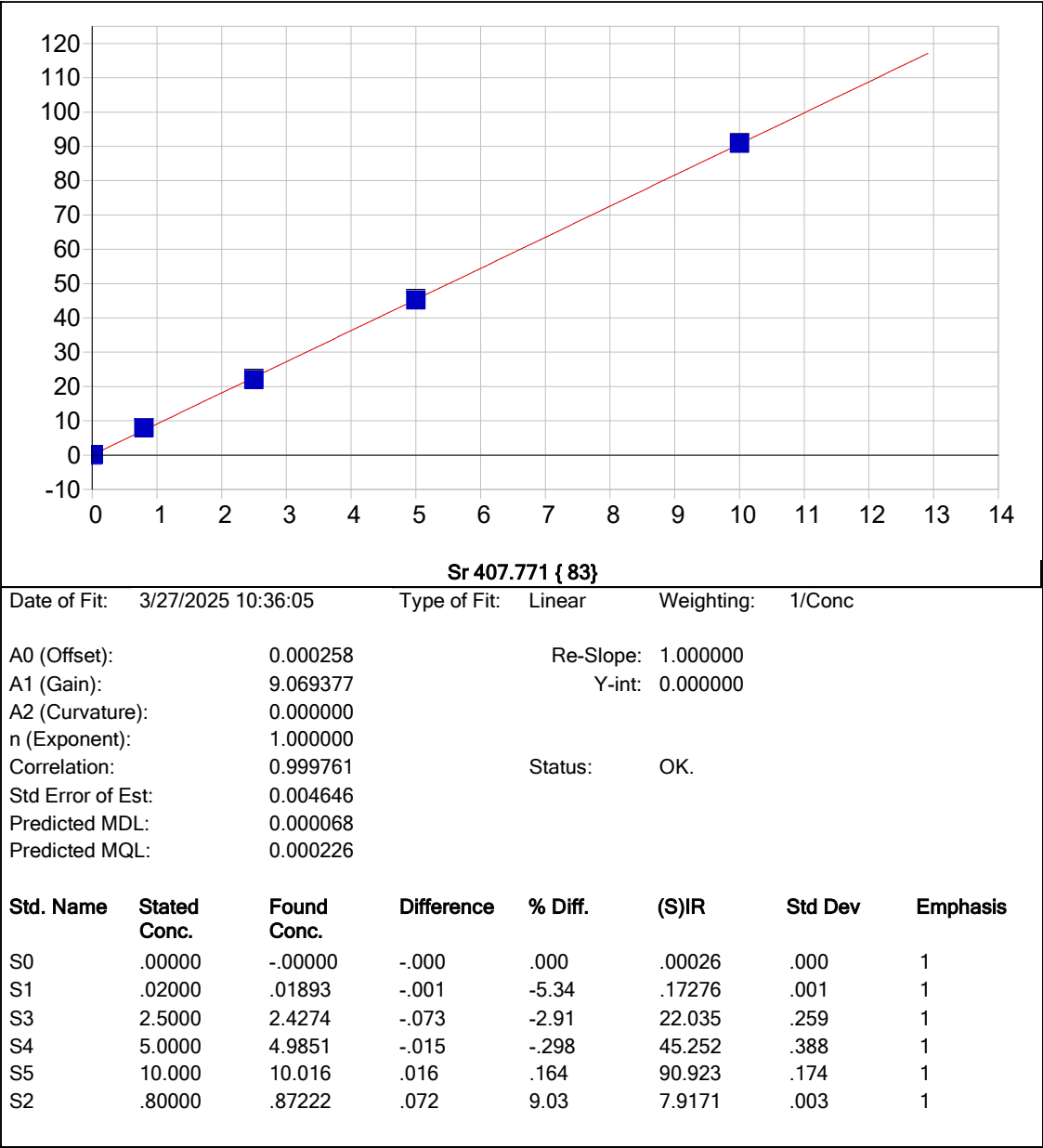


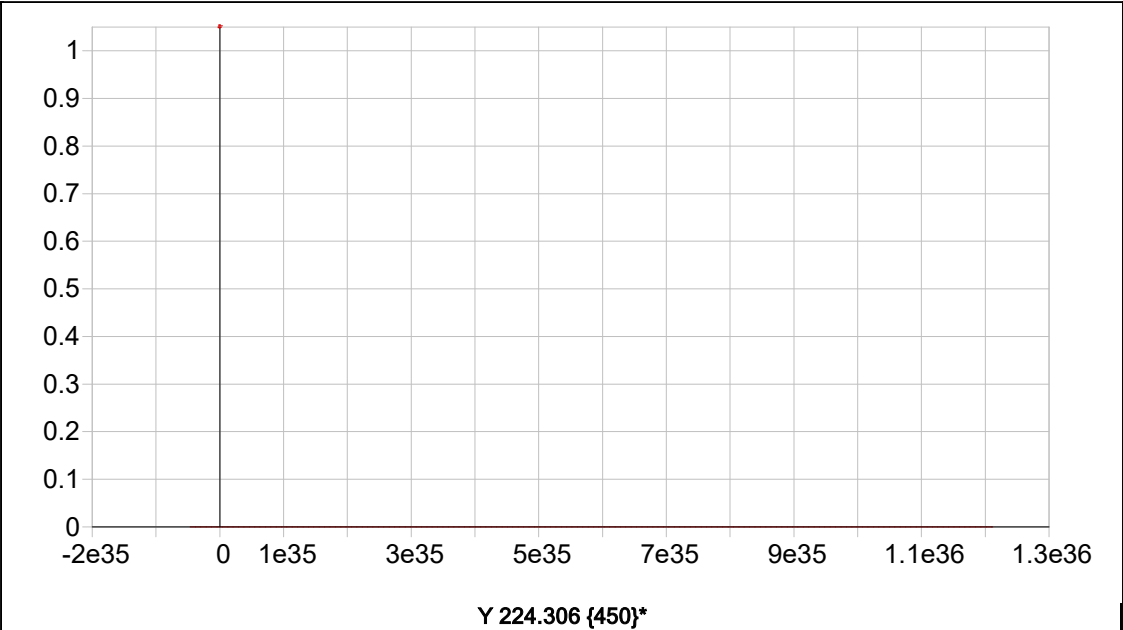






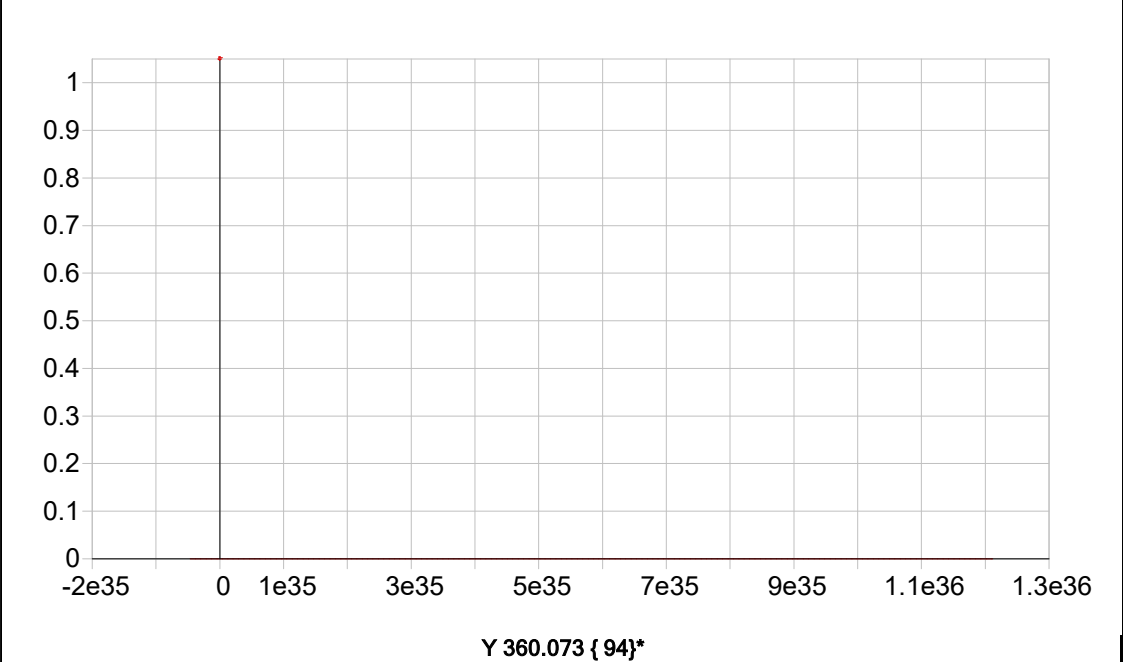




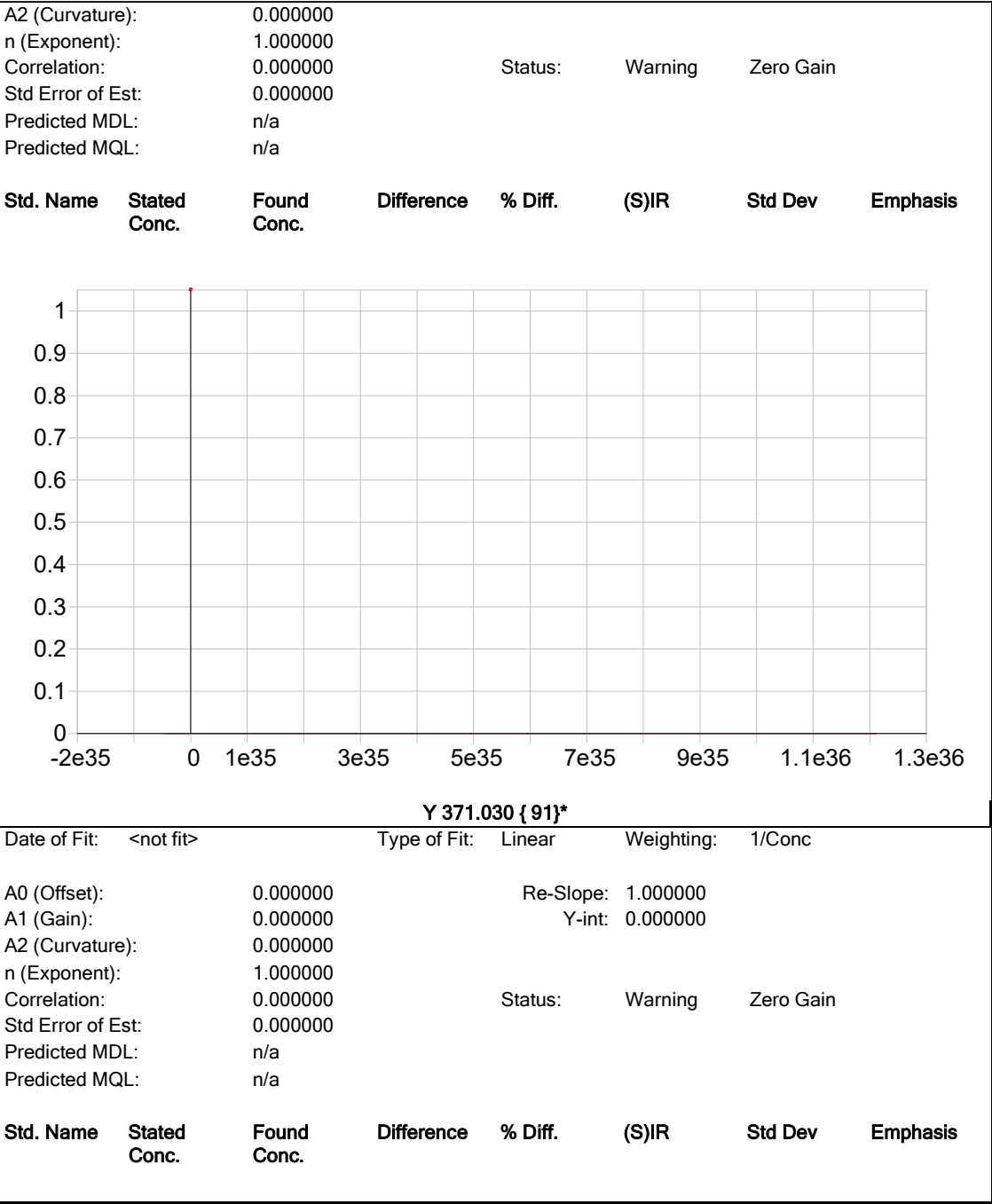


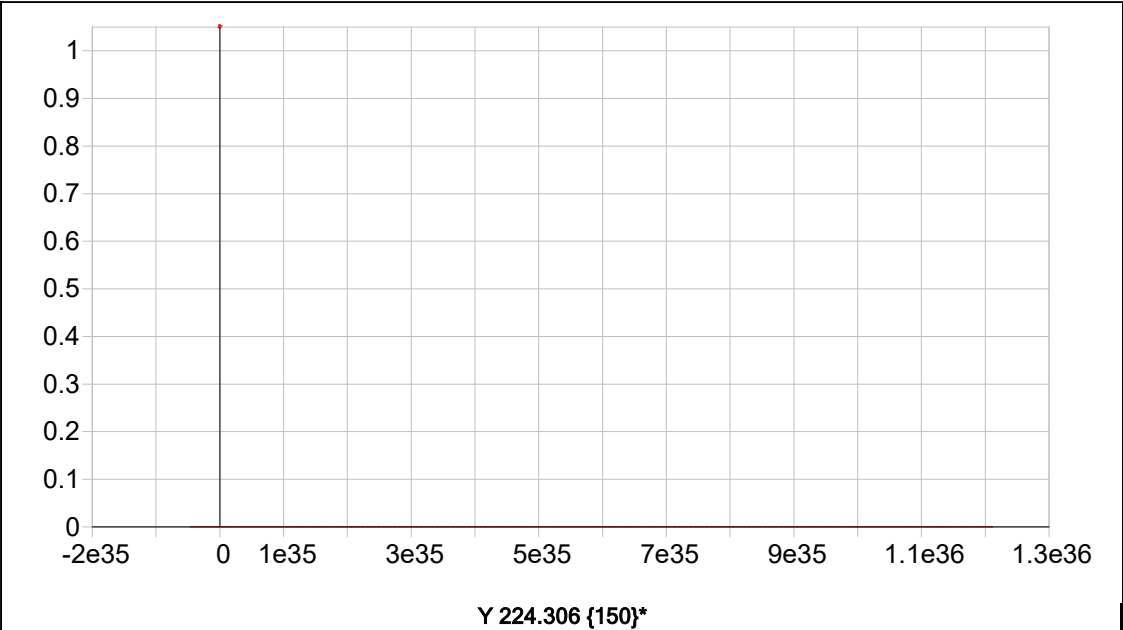
Date of Fit:	3/27/2025 10:36:05	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000	Re-Slope:	1.000000		
A1 (Gain):	0.000000	Y-int:	0.000000		
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000	Status:	Warning	Zero Gain	
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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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		





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
							
ln 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		

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

Sample Name: S0 Acquired: 3/27/2025 9:23:44 Type: Cal
Method: NON EPA-6010-200.7(v2849) 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	-.00010	-.00001	-.00004	.00023	.00031	.00061	.05497	-.00029
Stddev	.00010	.00003	.00007	.00015	.00011	.00008	.00161	.00028
%RSD	101.60	463.06	178.45	64.673	36.136	12.627	2.9204	97.516
#1	-.00013	.00000	.00001	.00036	.00038	.00063	.05469	-.00062
#2	-.00019	.00002	-.00001	.00007	.00037	.00052	.05353	-.00014
#3	.00001	-.00003	-.00012	.00025	.00018	.00067	.05670	-.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00007	.00086	.00009	.00010	-.00032	.00011	.00115	-.00004
Stddev	.00026	.00053	.00008	.00015	.00009	.00002	.00001	.00008
%RSD	395.75	61.912	88.231	155.41	28.340	16.725	.97320	215.83
#1	.00023	.00041	.00001	.00024	-.00037	.00010	.00116	.00002
#2	-.00023	.00146	.00016	.00013	-.00021	.00011	.00115	-.00012
#3	-.00020	.00072	.00009	-.00007	-.00036	.00013	.00114	.00000
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	-.00021	-.00128	.00150	.00004	.01430	-.00020	.00156	.00024
Stddev	.00008	.00007	.00012	.00013	.00013	.00021	.00012	.00012
%RSD	37.545	5.1760	8.1879	340.79	.89925	103.11	7.9703	49.298
#1	-.00025	-.00125	.00140	-.00001	.01419	.00000	.00166	.00017
#2	-.00027	-.00136	.00146	-.00006	.01426	-.00041	.00160	.00037
#3	-.00012	-.00124	.00164	.00018	.01444	-.00019	.00142	.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	.00052	.00197	.00015	-.00113	.00022	.00794	.00026	
Stddev	.00004	.00013	.00002	.00010	.00004	.00033	.00039	
%RSD	7.5091	6.7168	15.370	8.9393	16.466	4.1856	151.55	
#1	.00050	.00185	.00013	-.00106	.00026	.00763	.00012	
#2	.00056	.00211	.00018	-.00124	.00019	.00790	.00069	
#3	.00049	.00194	.00014	-.00107	.00020	.00829	-.00005	

Sample Name: S0 Acquired: 3/27/2025 9:23:44 Type: Cal
Method: NON EPA-6010-200.7(v2849) 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	3243.5	68137.	13070.	2161.6	4831.1
Stddev	14.9	46.	39.	11.5	22.5
%RSD	.46048	.06818	.29494	.53028	.46643
#1	3227.8	68186.	13061.	2164.7	4805.9
#2	3257.5	68094.	13037.	2148.9	4849.3
#3	3245.4	68129.	13113.	2171.1	4838.1

Sample Name: S1 Acquired: 3/27/2025 9:28:08 Type: Cal
Method: NON EPA-6010-200.7(v2849) 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	.00087	.00233	.00236	.00138	.00678	.00881	.27453	.02090
Stddev	.00004	.00010	.00027	.00008	.00016	.00003	.00224	.00026
%RSD	4.7678	4.3006	11.505	5.5933	2.3230	.31753	.81682	1.2280
#1	.00092	.00240	.00225	.00145	.00659	.00878	.27287	.02068
#2	.00083	.00222	.00216	.00139	.00688	.00884	.27708	.02118
#3	.00087	.00239	.00267	.00130	.00685	.00882	.27365	.02084
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	.01418	.09730	.00190	.02554	.01438	.00058	.01415	.03152
Stddev	.00013	.00062	.00003	.00019	.00003	.00001	.00007	.00012
%RSD	.89520	.63521	1.8216	.74408	.22902	2.4525	.49087	.38682
#1	.01406	.09659	.00191	.02575	.01442	.00058	.01408	.03139
#2	.01418	.09769	.00186	.02545	.01435	.00059	.01415	.03157
#3	.01431	.09763	.00193	.02540	.01439	.00056	.01422	.03162
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	.02581	.00161	.04424	.00534	.12250	.01454	.03842	.13214
Stddev	.00020	.00006	.00020	.00004	.00091	.00037	.00028	.00060
%RSD	.78830	3.7311	.44356	.69050	.74671	2.5231	.72303	.45240
#1	.02592	.00161	.04427	.00533	.12273	.01416	.03815	.13261
#2	.02557	.00167	.04442	.00531	.12327	.01456	.03841	.13147
#3	.02592	.00155	.04403	.00538	.12149	.01490	.03871	.13235
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	.00456	.01801	.00231	-.00045	.00065	.02511	.17276	
Stddev	.00007	.00025	.00008	.00013	.00002	.00051	.00116	
%RSD	1.4530	1.3744	3.4214	29.175	3.7474	2.0323	.67249	
#1	.00463	.01829	.00240	-.00042	.00062	.02463	.17206	
#2	.00449	.01782	.00225	-.00059	.00067	.02564	.17212	
#3	.00455	.01793	.00228	-.00033	.00065	.02505	.17410	

Sample Name: S1 Acquired: 3/27/2025 9:28:08 Type: Cal
Method: NON EPA-6010-200.7(v2849) 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	3228.6	67282.	12996.	2097.4	4749.2
Stddev	11.7	178.	75.	9.4	20.5
%RSD	.36156	.26415	.57571	.44716	.43156
#1	3219.2	67076.	12994.	2101.8	4732.3
#2	3241.6	67386.	13072.	2103.8	4772.0
#3	3224.9	67382.	12923.	2086.6	4743.2

Sample Name: S2 Acquired: 3/27/2025 9:32:26 Type: Cal
Method: NON EPA-6010-200.7(v2849) 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	.04456	.05574	.18432	.04798	.11339	.13814	4.1077	.15720
Stddev	.00019	.00035	.00056	.00048	.00043	.00021	.0186	.00106
%RSD	.42238	.62402	.30207	.99399	.37706	.15003	.45364	.67504
#1	.04435	.05565	.18376	.04751	.11290	.13834	4.1284	.15600
#2	.04471	.05612	.18487	.04847	.11357	.13793	4.0923	.15802
#3	.04463	.05544	.18434	.04796	.11370	.13816	4.1024	.15757
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	1.0779	.21551	.03408	.38545	.15756	.00521	.30074	.06542
Stddev	.0024	.00096	.00028	.00074	.00066	.00003	.00125	.00023
%RSD	.22082	.44371	.80974	.19220	.41927	.55453	.41620	.35590
#1	1.0755	.21502	.03377	.38484	.15680	.00524	.30195	.06549
#2	1.0802	.21661	.03430	.38627	.15804	.00519	.29945	.06561
#3	1.0780	.21489	.03416	.38524	.15782	.00521	.30082	.06516
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	.29744	.06330	.09971	.05963	1.1996	.03264	.31740	.59106
Stddev	.00067	.00027	.00032	.00007	.0079	.00009	.00201	.00291
%RSD	.22592	.42078	.32510	.12346	.66091	.28795	.63365	.49241
#1	.29720	.06302	.10005	.05968	1.1915	.03270	.31569	.58890
#2	.29820	.06332	.09941	.05955	1.2074	.03253	.31962	.59437
#3	.29691	.06355	.09965	.05967	1.2000	.03268	.31691	.58990
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	.10080	.36070	.00556	.02953	.01987	.76403	7.9171	
Stddev	.00039	.00062	.00005	.00018	.00007	.00311	.0034	
%RSD	.38820	.17123	.81396	.62048	.37024	.40742	.04346	
#1	.10047	.36118	.00551	.02932	.01984	.76761	7.9160	
#2	.10123	.36000	.00559	.02965	.01981	.76198	7.9209	
#3	.10071	.36091	.00559	.02962	.01995	.76250	7.9143	

Sample Name: S2 Acquired: 3/27/2025 9:32:26 Type: Cal
Method: NON EPA-6010-200.7(v2849) 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	3202.3	66378.	13186.	2050.1	4650.0
Stddev	9.3	312.	68.	15.0	13.0
%RSD	.28943	.47074	.51915	.73020	.27998
#1	3212.5	66739.	13261.	2067.4	4662.4
#2	3194.4	66199.	13128.	2040.5	4636.4
#3	3199.9	66196.	13168.	2042.5	4651.0

Sample Name: S3 Acquired: 3/27/2025 9:36:30 Type: Cal
Method: NON EPA-6010-200.7(v2849) 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	.12371	.15258	.50951	.13230	.31235	.38028	11.228	.43226
Stddev	.00145	.00283	.00511	.00181	.00391	.00078	.042	.00272
%RSD	1.1709	1.8551	1.0020	1.3658	1.2506	.20604	.37239	.62922
#1	.12409	.15258	.51176	.13267	.31326	.38094	11.276	.43310
#2	.12211	.14975	.50366	.13034	.30807	.37941	11.210	.42922
#3	.12493	.15541	.51311	.13389	.31572	.38049	11.198	.43446
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	2.9808	.59005	.09352	1.0605	.42559	.01388	.80879	.18010
Stddev	.0332	.00309	.00025	.0119	.00446	.00010	.00397	.00079
%RSD	1.1132	.52330	.26962	1.1227	1.0479	.70084	.49040	.44056
#1	2.9927	.59188	.09338	1.0653	.42688	.01385	.81303	.18069
#2	2.9433	.58648	.09381	1.0469	.42062	.01398	.80517	.17920
#3	3.0065	.59178	.09336	1.0693	.42926	.01379	.80816	.18040
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	.81878	.17460	.27158	.16537	3.2607	.08959	.86619	1.6051
Stddev	.00952	.00092	.00251	.00076	.0210	.00075	.00616	.0181
%RSD	1.1628	.52470	.92587	.46182	.64407	.83271	.71122	1.1261
#1	.82275	.17411	.27081	.16623	3.2440	.08951	.86774	1.6104
#2	.80791	.17566	.27439	.16476	3.2843	.09037	.85940	1.5850
#3	.82566	.17403	.26954	.16512	3.2539	.08889	.87143	1.6200
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	.27938	.98517	.01500	.08577	.05595	2.0822	22.035	
Stddev	.00306	.00334	.00014	.00122	.00075	.0062	.259	
%RSD	1.0952	.33896	.91164	1.4264	1.3485	.29519	1.1767	
#1	.28053	.98889	.01505	.08628	.05614	2.0881	22.160	
#2	.27591	.98243	.01510	.08438	.05512	2.0827	21.737	
#3	.28169	.98421	.01484	.08666	.05659	2.0758	22.208	

Sample Name: S3 Acquired: 3/27/2025 9:36:30 Type: Cal
Method: NON EPA-6010-200.7(v2849) 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	3171.8	65911.	13166.	2020.2	4507.6
Stddev	28.1	225.	93.	11.8	40.1
%RSD	.88665	.34080	.70855	.58624	.88915
#1	3160.7	65912.	13100.	2024.7	4491.6
#2	3203.8	65686.	13272.	2006.8	4553.2
#3	3150.9	66135.	13124.	2029.2	4478.0

Sample Name: S4 Acquired: 3/27/2025 9:40:35 Type: Cal
Method: NON EPA-6010-200.7(v2849) 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	.25653	.31182	1.0487	.27264	.64859	.79422	23.237	.88838
Stddev	.00101	.00385	.0041	.00095	.00258	.00563	.540	.00671
%RSD	.39564	1.2353	.39385	.34935	.39841	.70886	2.3258	.75539
#1	.25625	.31126	1.0492	.27208	.64833	.79976	23.836	.89427
#2	.25568	.30829	1.0443	.27210	.64614	.78850	22.786	.88107
#3	.25765	.31593	1.0525	.27374	.65129	.79441	23.090	.88981

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	6.1905	1.2075	.18799	2.1976	.86805	.02803	1.6598	.37405
Stddev	.0251	.0074	.00329	.0094	.00259	.00042	.0098	.00178
%RSD	.40508	.60925	1.7512	.42570	.29833	1.5115	.58966	.47708
#1	6.1915	1.2152	.18421	2.1973	.86764	.02762	1.6711	.37608
#2	6.1650	1.2006	.19026	2.1883	.86570	.02847	1.6538	.37273
#3	6.2151	1.2067	.18950	2.2070	.87083	.02799	1.6545	.37334

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	1.6897	.35499	.55680	.34340	6.5654	.18414	1.7960	3.2904
Stddev	.0059	.00602	.01055	.00232	.1102	.00310	.0158	.0147
%RSD	.35104	1.6966	1.8953	.67576	1.6786	1.6817	.88116	.44715
#1	1.6875	.34805	.54496	.34545	6.4398	.18061	1.8091	3.2891
#2	1.6851	.35876	.56520	.34088	6.6107	.18638	1.7784	3.2763
#3	1.6964	.35817	.56024	.34388	6.6458	.18543	1.8007	3.3057

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	.58026	2.0442	.03126	.18071	.11805	4.3833	45.252	
Stddev	.00258	.0130	.00076	.00095	.00064	.0268	.388	
%RSD	.44472	.63483	2.4389	.52792	.54078	.61148	.85740	
#1	.58003	2.0588	.03040	.18060	.11791	4.4123	45.532	
#2	.57781	2.0341	.03184	.17981	.11749	4.3595	45.415	
#3	.58296	2.0398	.03154	.18171	.11875	4.3782	44.809	

Sample Name: S4 Acquired: 3/27/2025 9:40:35 Type: Cal
Method: NON EPA-6010-200.7(v2849) 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	3070.3	65007.	12800.	1972.7	4282.0
Stddev	7.0	1012.	119.	30.1	11.0
%RSD	.22876	1.5569	.93025	1.5239	.25664
#1	3075.4	66155.	12677.	2007.3	4286.7
#2	3073.4	64244.	12915.	1957.1	4289.8
#3	3062.3	64621.	12808.	1953.6	4269.4

Sample Name: S5 Acquired: 3/27/2025 9:44:47 Type: Cal
Method: NON EPA-6010-200.7(v2849) 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	.50263	.61009	2.0609	.53084	1.2693	1.6254	47.598	1.7944
Stddev	.00176	.00568	.0040	.00190	.0034	.0075	.448	.0099
%RSD	.35055	.93107	.19412	.35701	.26962	.46017	.94220	.55093

#1	.50131	.60409	2.0602	.52982	1.2668	1.6169	47.138	1.7839
#2	.50196	.61077	2.0573	.52967	1.2679	1.6280	48.034	1.8036
#3	.50463	.61539	2.0652	.53303	1.2732	1.6312	47.623	1.7958

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	12.218	2.4645	.36319	4.3632	1.6763	.05434	3.4037	.76725
Stddev	.029	.0149	.00098	.0113	.0039	.00008	.0249	.00353
%RSD	.23853	.60437	.26972	.25974	.23008	.15513	.73118	.45948

#1	12.202	2.4479	.36310	4.3563	1.6742	.05428	3.3772	.76319
#2	12.201	2.4690	.36421	4.3569	1.6739	.05430	3.4073	.76906
#3	12.252	2.4767	.36225	4.3762	1.6807	.05443	3.4265	.76950

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	3.3250	.69591	1.0943	.70211	12.819	.36456	3.6493	6.4129
Stddev	.0082	.00289	.0019	.00357	.031	.00061	.0205	.0168
%RSD	.24625	.41573	.17122	.50878	.23831	.16620	.56122	.26128

#1	3.3206	.69666	1.0962	.69836	12.842	.36413	3.6309	6.4042
#2	3.3200	.69835	1.0925	.70251	12.830	.36429	3.6714	6.4023
#3	3.3345	.69271	1.0943	.70547	12.784	.36525	3.6456	6.4322

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	1.1417	4.1954	.06142	.36873	.24004	9.1140	90.923	
Stddev	.0029	.0274	.00020	.00156	.00109	.0549	.174	
%RSD	.25762	.65327	.32107	.42199	.45371	.60258	.19150	

#1	1.1395	4.1647	.06127	.36704	.23950	9.0549	90.809	
#2	1.1405	4.2041	.06134	.36905	.23933	9.1237	91.123	
#3	1.1450	4.2174	.06164	.37010	.24129	9.1635	90.835	

Sample Name: S5 Acquired: 3/27/2025 9:44:47 Type: Cal
Method: NON EPA-6010-200.7(v2849) 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	3012.2	64769.	12162.	1946.9	4107.2
Stddev	3.3	53.	64.	3.8	4.9
%RSD	.11067	.08143	.52329	.19384	.11920
#1	3009.8	64749.	12235.	1942.6	4108.3
#2	3016.0	64728.	12122.	1949.1	4111.5
#3	3010.9	64828.	12129.	1949.1	4101.9

Sample Name: ICV01 Acquired: 3/27/2025 9:49:05 Type: Unk
Method: NON EPA-6010-200.7(v2849) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9882155	1.028694	.9767870	1.020401	.9942185	2.405860
Stddev	.0035432	.005889	.0034840	.005661	.0070414	.009685
%RSD	.3585464	.5724539	.3566744	.5547844	.7082337	.4025673

#1	.9882013	1.028689	.9728419	1.013870	.9861932	2.396253
#2	.9846793	1.022808	.9780781	1.023421	.9971013	2.405706
#3	.9917657	1.034586	.9794412	1.023911	.9993611	2.415621

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4684930	.4840939	.4969815	9.511314	.5205112	.5038334
Stddev	.0014387	.0012955	.0008285	.030085	.0020381	.0012227
%RSD	.3070951	.2676023	.1667021	.3163087	.3915541	.2426719

#1	.4684882	.4854513	.4960255	9.491419	.5183811	.5024528
#2	.4699341	.4828709	.4974900	9.545924	.5224427	.5047794
#3	.4670567	.4839596	.4974290	9.496599	.5207099	.5042680

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5229543	9.818809	.4888479	5.644318	.5076292	.2541424
Stddev	.0020119	.089460	.0009172	.002252	.0010892	.0005500
%RSD	.3847223	.9111095	.1876178	.0398920	.2145649	.2164253

#1	.5206402	9.726797	.4891523	5.646272	.5065413	.2535136
#2	.5242887	9.905477	.4895741	5.641856	.5087197	.2543793
#3	.5239341	9.824153	.4878172	5.644828	.5076264	.2545343

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.645638	.4681253	1.010245	9.616056	2.294476	2.400931
Stddev	.077943	.0006673	.006186	.046915	.008234	.006519
%RSD	.8080671	.1425451	.6122782	.4878820	.3588609	.2715336

#1	9.565956	.4688111	1.008935	9.567139	2.303162	2.393520
#2	9.721718	.4674782	1.016981	9.660674	2.286785	2.403492
#3	9.649241	.4680865	1.004820	9.620355	2.293482	2.405781

Sample Name: ICV01 Acquired: 3/27/2025 9:49:05 Type: Unk
Method: NON EPA-6010-200.7(v2849) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.354214	2.258397	F 1.974574	F -.002313	F -.002619	F .0027589
Stddev	.004291	.007101	.014985	.001022	.002475	.0013010
%RSD	.1822552	.3144447	.7588847	44.17977	94.47388	47.15619
#1	2.350378	2.256158	1.966652	-.002281	-.003234	.0023176
#2	2.353416	2.266348	1.991857	-.001307	.000105	.0017360
#3	2.358848	2.252685	1.965214	-.003350	-.004729	.0042232

Elem	Sr4077
Units	ppm
Avg	F -.007203
Stddev	.000074
%RSD	1.030045
#1	-.007118
#2	-.007249
#3	-.007242

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3135.835	66025.32	13221.90	2016.860	4507.573
Stddev	11.042	435.82	20.44	14.528	14.501
%RSD	.3521305	.6600733	.1545774	.7203049	.3217006
#1	3145.499	66499.02	13236.12	2032.247	4521.670
#2	3123.800	65641.37	13231.10	2003.381	4492.700
#3	3138.207	65935.57	13198.48	2014.953	4508.348

Sample Name: LLICV01 Acquired: 3/27/2025 9:58:30 Type: Unk
Method: NON EPA-6010-200.7(v2849) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0216464	.0402414	.0108988	.0195285	.0528281	.1013262	.0866608
Stddev	.0017568	.0005387	.0005372	.0027227	.0002510	.0035446	.0010911
%RSD	8.116078	1.338731	4.929077	13.94220	.4750230	3.498178	1.259042
#1	.0198585	.0402638	.0102797	.0196984	.0525388	.1049268	.0866534
#2	.0217103	.0407686	.0111746	.0167249	.0529576	.1012114	.0877556
#3	.0233704	.0396918	.0112421	.0221624	.0529877	.0978405	.0855734
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059077	.0058923	1.941241	.0099110	.0289570	.0220275	.0823396
Stddev	.0000225	.0000404	.008125	.0002572	.0000707	.0002548	.0026080
%RSD	.3806938	.6855149	.4185687	2.594773	.2442124	1.156932	3.167384
#1	.0059333	.0058908	1.934698	.0099426	.0290270	.0220661	.0807424
#2	.0058915	.0058527	1.950336	.0096395	.0288856	.0222609	.0809272
#3	.0058981	.0059334	1.938689	.0101509	.0289584	.0217556	.0853492
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0181955	2.058924	.0393180	.0107236	1.980309	.0381126	.0414100
Stddev	.0005601	.026361	.0002836	.0001102	.016347	.0016225	.0003333
%RSD	3.078417	1.280311	.7212091	1.027326	.8254720	4.257234	.8048684
#1	.0183376	2.031070	.0396145	.0105983	1.998651	.0390859	.0416635
#2	.0175780	2.083482	.0390494	.0108053	1.974995	.0390123	.0415342
#3	.0186709	2.062220	.0392901	.0107671	1.967280	.0362395	.0410325
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.921008	.1063277	.2058725	.0360104	.0386647	.3636576	.0200306
Stddev	.024684	.0004953	.0006690	.0001208	.0002698	.0085634	.0014631
%RSD	1.284933	.4658569	.3249695	.3355471	.6978802	2.354786	7.304110
#1	1.949326	.1057782	.2066042	.0358909	.0384291	.3735109	.0186801
#2	1.904046	.1064649	.2057212	.0361325	.0389591	.3594491	.0215848
#3	1.909652	.1067400	.2052921	.0360077	.0386060	.3580129	.0198270

Sample Name: LLICV01 Acquired: 3/27/2025 9:58:30 Type: Unk
Method: NON EPA-6010-200.7(v2849) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0191780	.0184380	.0199852
Stddev	.0030127	.0008015	.0000907
%RSD	15.70904	4.346952	.4538837
#1	.0160311	.0176733	.0199182
#2	.0220356	.0183688	.0199491
#3	.0194673	.0192718	.0200885

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3176.013	66582.22	13198.49	1957.246	4703.546
Stddev	10.843	280.32	44.78	2.910	18.693
%RSD	.3413979	.4210123	.3393038	.1486739	.3974274
#1	3166.197	66292.93	13247.80	1953.887	4684.938
#2	3187.651	66852.62	13160.35	1958.974	4722.323
#3	3174.190	66601.11	13187.32	1958.879	4703.378

Sample Name: ICB01 Acquired: 3/27/2025 10:02:49 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	-.001362	-.000085	-.001468	-.000770	.0008222	.0022411	-.003750
Stddev	.001811	.001624	.000414	.001216	.0008696	.0032841	.000606
%RSD	132.8902	1911.019	28.18639	157.8205	105.7602	146.5443	16.16959
#1	-.000496	-.001932	-.001398	-.000420	-.000151	-.001411	-.004348
#2	-.000148	.000556	-.001913	-.002123	.001093	.004952	-.003136
#3	-.003443	.001121	-.001094	.000232	.001524	.003182	-.003767
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001323	-.000029	-.009801	.0000413	-.000237	-.000768	-.014057
Stddev	.0000409	.000046	.002007	.0003627	.000158	.000255	.006052
%RSD	30.90544	160.0801	20.47798	878.2031	66.58335	33.15792	43.05361
#1	.0001772	.000000	-.009140	-.000340	-.000293	-.000978	-.012540
#2	.0001226	-.000081	-.008208	.000082	-.000360	-.000485	-.008907
#3	.0000972	-.000005	-.012055	.000382	-.000059	-.000842	-.020723
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000217	-.001238	.0001858	.0001553	.0184559	-.000337	-.001288
Stddev	.000050	.009655	.0001775	.0001362	.0096368	.000273	.000286
%RSD	22.86620	779.7655	95.52765	87.69728	52.21514	81.04267	22.18170
#1	-.000271	.009152	.0002979	.0001550	.0087946	-.000143	-.001120
#2	-.000174	-.009934	-.000019	.0002916	.0185051	-.000218	-.001618
#3	-.000205	-.002932	.000278	.0000192	.0280679	-.000649	-.001126
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0203439	.0046808	-.000051	.0025575	.0008519	.0052441	-.001329
Stddev	.0101732	.0005255	.000216	.0003066	.0004427	.0046214	.000931
%RSD	50.00639	11.22746	420.4241	11.98813	51.96657	88.12632	70.08361
#1	.0086001	.0040791	-.000293	.0029050	.0012798	.0025664	-.002386
#2	.0264546	.0049134	.000123	.0024425	.0008801	.0105804	-.000972
#3	.0259770	.0050499	.000016	.0023250	.0003957	.0025854	-.000629

Sample Name: ICB01 Acquired: 3/27/2025 10:02:49 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.0004442	.0001874	-.000021
Stddev	.0011263	.0016359	.000028
%RSD	253.5603	872.9365	135.1157

#1	.0006304	-.001546	-.000047
#2	-.000764	.001704	.000009
#3	.001466	.000404	-.000026

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3153.013	65119.60	13220.48	1943.207	4713.520
Stddev	2.294	376.21	29.16	10.422	5.606
%RSD	.0727644	.5777232	.2205871	.5363058	.1189435

#1	3152.658	65083.46	13249.16	1938.169	4710.345
#2	3155.464	65512.58	13190.85	1955.190	4719.993
#3	3150.916	64762.77	13221.43	1936.262	4710.221

Sample Name: CRI01 Acquired: 3/27/2025 10:07:08 Type: Unk
Method: NON EPA-6010-200.7(v2849) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0212373	.0383684	.0109815	.0214194	.0508140	.0958649	.0876616
Stddev	.0012937	.0017962	.0005937	.0003765	.0009434	.0006628	.0015136
%RSD	6.091819	4.681495	5.406133	1.757951	1.856658	.6913363	1.726624
#1	.0203704	.0397149	.0113318	.0218470	.0518204	.0952268	.0862317
#2	.0206171	.0390613	.0113168	.0211374	.0499496	.0965498	.0875064
#3	.0227244	.0363289	.0102961	.0212738	.0506720	.0958181	.0892469
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058370	.0057822	1.940296	.0096908	.0288325	.0220155	.0856572
Stddev	.0000438	.0000703	.006380	.0005433	.0001657	.0002706	.0008871
%RSD	.7509267	1.214867	.3288370	5.606240	.5748399	1.229057	1.035583
#1	.0058023	.0058399	1.943371	.0098707	.0290065	.0220653	.0862571
#2	.0058863	.0058027	1.944556	.0090804	.0288147	.0222578	.0846382
#3	.0058225	.0057040	1.932960	.0101213	.0286764	.0217235	.0860761
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0180567	2.024990	.0393571	.0103828	1.999727	.0381767	.0406203
Stddev	.0002122	.001988	.0003442	.0001885	.037649	.0002910	.0001614
%RSD	1.175068	.0981900	.8745942	1.815111	1.882725	.7621791	.3972888
#1	.0182982	2.026138	.0395611	.0102591	2.015425	.0384147	.0407826
#2	.0178999	2.022694	.0389597	.0102895	1.956769	.0382630	.0404599
#3	.0179721	2.026139	.0395505	.0105997	2.026988	.0378523	.0406184
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.969083	.1006273	.2046464	.0358443	.0380756	.3626257	.0184683
Stddev	.067434	.0007916	.0008045	.0001680	.0006478	.0108586	.0017537
%RSD	3.424660	.7866147	.3931215	.4687390	1.701386	2.994434	9.495618
#1	1.944624	.1006268	.2052388	.0359957	.0388199	.3693930	.0164746
#2	1.917291	.1014191	.2049699	.0356635	.0377674	.3501008	.0191580
#3	2.045333	.0998360	.2037305	.0358736	.0376394	.3683832	.0197723

Sample Name: CRI01 Acquired: 3/27/2025 10:07:08 Type: Unk
Method: NON EPA-6010-200.7(v2849) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0165332	.0170166	.0195630
Stddev	.0048721	.0013893	.0000740
%RSD	29.46846	8.164302	.3783706
#1	.0146027	.0159437	.0196279
#2	.0129223	.0165202	.0194824
#3	.0220747	.0185859	.0195789

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3188.172	66715.81	13416.57	2000.255	4728.470
Stddev	9.961	1125.79	52.84	31.978	11.012
%RSD	.3124316	1.687436	.3938084	1.598683	.2328855
#1	3177.980	66154.34	13462.40	1982.507	4718.702
#2	3188.650	68011.90	13358.78	2037.171	4726.305
#3	3197.885	65981.17	13428.52	1981.089	4740.404

Sample Name: ICSA01 Acquired: 3/27/2025 10:11:26 Type: Unk
Method: NON EPA-6010-200.7(v2849) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021910	.0093294	.0043951	-.007705	-.003539	242.5435
Stddev	.0026319	.0014335	.0007187	.002621	.001108	.8699
%RSD	120.1250	15.36493	16.35360	34.01234	31.30428	.3586766
#1	-.000036	.0093785	.0036554	-.006446	-.002712	241.6357
#2	.005095	.0078720	.0044388	-.005952	-.004798	243.3699
#3	.001514	.0107377	.0050910	-.010718	-.003107	242.6247
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006925	.0013420	-.003646	225.0001	.0565644	.0013659
Stddev	.0010463	.0000448	.000131	.6380	.0005832	.0001049
%RSD	151.0831	3.338304	3.583301	.2835517	1.031095	7.678234
#1	.0018201	.0013083	-.003773	224.3399	.0570333	.0012617
#2	-.000247	.0013250	-.003653	225.6133	.0567486	.0013646
#3	.000505	.0013929	-.003512	225.0471	.0559113	.0014714
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027015	97.00452	.0068538	244.7083	.0025373	.0008692
Stddev	.0004744	.30304	.0002825	.8095	.0002177	.0004724
%RSD	17.56094	.3124029	4.121236	.3308068	8.581179	54.35267
#1	.0026710	97.34961	.0068113	243.8979	.0023081	.0010767
#2	.0022431	96.88219	.0065950	245.5169	.0027414	.0003285
#3	.0031904	96.78176	.0071551	244.7100	.0025623	.0012024
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0809048	.0032438	.0033016	.1212037	F .1862426	-.000042
Stddev	.0044479	.0018917	.0005340	.0452481	.0010099	.000503
%RSD	5.497728	58.31736	16.17258	37.33230	.5422573	1201.068
#1	.0758020	.0033776	.0031272	.0744515	.1873069	-.000512
#2	.0829514	.0050650	.0028766	.1243790	.1861233	.000488
#3	.0839610	.0012887	.0039009	.1647804	.1852977	-.000101

Sample Name: ICSA01 Acquired: 3/27/2025 10:11:26 Type: Unk
Method: NON EPA-6010-200.7(v2849) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002818	-.000902	.0170134	-.000754	-.017045	.0036723
Stddev	.001172	.000445	.0085802	.002014	.003941	.0014139
%RSD	41.57021	49.32200	50.43195	267.0505	23.12249	38.50169
#1	-.003634	-.000795	.0264899	-.000409	-.012987	.0025349
#2	-.001476	-.000521	.0147783	.001065	-.020858	.0052553
#3	-.003345	-.001392	.0097719	-.002918	-.017289	.0032267

Elem	Sr4077
Units	ppm
Avg	.0102771
Stddev	.0005780
%RSD	5.624150
#1	.0096411
#2	.0107705
#3	.0104196

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2856.651	58984.02	12651.78	1779.349	3821.114
Stddev	8.853	411.92	99.12	10.336	5.234
%RSD	.3099124	.6983546	.7834776	.5808906	.1369716
#1	2851.217	59150.84	12736.95	1777.809	3821.938
#2	2866.866	58514.86	12542.98	1769.869	3825.887
#3	2851.868	59286.37	12675.43	1790.369	3815.517

Sample Name: ICSAB01 Acquired: 3/27/2025 10:15:42 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.1109696	.1068616	.0534261	.0415471	.6357961	243.7461
Stddev	.0017207	.0017909	.0027101	.0064114	.0057825	1.5861
%RSD	1.550574	1.675890	5.072675	15.43176	.9094838	.6507112
#1	.1090086	.1076093	.0538052	.0351433	.6330696	244.8478
#2	.1122267	.1048180	.0505464	.0479662	.6318810	244.4622
#3	.1116736	.1081575	.0559267	.0415316	.6424378	241.9282
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4609985	.4828397	1.004754	224.2953	.5792523	.5101568
Stddev	.0016232	.0031367	.001868	.6312	.0010400	.0010309
%RSD	.3521163	.6496317	.1859018	.2814347	.1795493	.2020771
#1	.4623710	.4811844	1.004152	224.2761	.5788239	.5099750
#2	.4614178	.4864572	1.003261	224.9359	.5804381	.5092289
#3	.4592067	.4808773	1.006849	223.6739	.5784949	.5112666
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5061594	99.41714	.4601451	244.0877	1.022627	.2017181
Stddev	.0009831	.24042	.0023654	.5009	.002983	.0008325
%RSD	.1942313	.2418249	.5140652	.2052207	.2917416	.4127153
#1	.5055317	99.38965	.4599251	243.9215	1.020817	.2026757
#2	.5056541	99.19165	.4626129	244.6506	1.020993	.2013124
#3	.5072924	99.67012	.4578974	243.6910	1.026071	.2011662
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0804141	.4653317	1.092614	.0434389	F 1.155986	1.082985
Stddev	.0041906	.0013870	.001468	.0201720	.004677	.005090
%RSD	5.211293	.2980692	.1343322	46.43766	.4045535	.4700106
#1	.0757808	.4637341	1.091045	.0237737	1.151504	1.080810
#2	.0839393	.4660330	1.092843	.0424609	1.160835	1.079343
#3	.0815223	.4662280	1.093953	.0640821	1.155620	1.088801

Sample Name: ICSAB01 Acquired: 3/27/2025 10:15:42 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	1.090099	.9977792	.9854461	F .0051423	F -.015337	F .0038448
Stddev	.002073	.0033242	.0092355	.0034330	.004584	.0017211
%RSD	.1901823	.3331605	.9371925	66.75899	29.89034	44.76321
#1	1.088074	.9975906	.9959127	.0039958	-.011767	.0053277
#2	1.090004	1.001194	.9784428	.0090018	-.020506	.0042492
#3	1.092217	.994553	.9819829	.0024294	-.013737	.0019576

Elem	Sr4077
Units	ppm
Avg	F .0104778
Stddev	.0003416
%RSD	3.260406
#1	.0101341
#2	.0108173
#3	.0104820

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2780.385	58083.02	12979.17	1718.863	3740.749
Stddev	7.152	40.81	69.27	1.394	5.156
%RSD	.2572355	.0702555	.5336758	.0810716	.1378433
#1	2781.126	58127.54	13002.39	1717.569	3740.556
#2	2787.138	58074.13	12901.28	1718.681	3745.999
#3	2772.891	58047.39	13033.84	1720.338	3735.692

Sample Name: ICSADLX20 Acquired: 3/27/2025 10:19:50 Type: Unk
Method: NON EPA-6010-200.7(v2849) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSADLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001946	-.000179	-.001412	.0017143	-.000049	11.98653	-.004390
Stddev	.0031078	.001079	.000305	.0014303	.000780	.18995	.000607
%RSD	1596.959	602.8107	21.62256	83.43678	1604.385	1.584710	13.83752

#1	-.001661	-.000760	-.001727	.0025475	.000850	11.76869	-.004863
#2	.003783	-.000843	-.001391	.0025326	-.000444	12.11759	-.003705
#3	-.001538	.001066	-.001117	.0000627	-.000552	12.07332	-.004601

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001642	-.000215	11.48201	.0028576	.0000527	-.000400	4.894076
Stddev	.0000396	.000048	.18046	.0001905	.0001281	.000405	.068512
%RSD	24.10194	22.38427	1.571689	6.667009	242.9959	101.2420	1.399907

#1	.0001603	-.000258	11.27484	.0027258	.0000529	-.000021	4.817294
#2	.0002055	-.000225	11.60499	.0030761	-.000075	-.000827	4.915965
#3	.0001267	-.000163	11.56622	.0027711	.000181	-.000353	4.948970

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000075	11.99021	.0001846	.0005008	.0198459	-.000212	-.001315
Stddev	.000227	.19827	.0001532	.0002546	.0016079	.001202	.000324
%RSD	301.8891	1.653626	82.97429	50.82770	8.101848	566.7368	24.66744

#1	-.000285	11.76578	.0000087	.0004002	.0210973	.001153	-.001302
#2	-.000108	12.14164	.0002569	.0007903	.0180324	-.000676	-.000998
#3	.000167	12.06320	.0002881	.0003120	.0204078	-.001113	-.001646

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.022111	.0103485	-.000028	.0014216	.0007532	.0121399	-.000802
Stddev	.013858	.0002041	.000223	.0006552	.0007642	.0055081	.001303
%RSD	62.67245	1.972344	785.0920	46.08573	101.4612	45.37205	162.4058

#1	-.030814	.0101372	-.000210	.0007086	.0002014	.0168866	.000215
#2	-.029388	.0105445	.000220	.0015591	.0004327	.0061004	-.000350
#3	-.006131	.0103637	-.000095	.0019971	.0016254	.0134326	-.002271

Sample Name: ICSADLX20 Acquired: 3/27/2025 10:19:50 Type: Unk
Method: NON EPA-6010-200.7(v2849) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSADLX20 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000679	.0006177	.0006783
Stddev	.004202	.0019605	.0000141
%RSD	618.7990	317.3870	2.079581
#1	-.005181	.0011703	.0006808
#2	.003138	.0022425	.0006909
#3	.000006	-.001560	.0006631

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3137.516	63877.95	13484.65	1893.446	4564.280
Stddev	4.780	201.35	156.90	7.975	4.062
%RSD	.1523648	.3152121	1.163522	.4211760	.0890054
#1	3141.888	64109.33	13647.15	1900.675	4567.193
#2	3138.248	63742.54	13334.04	1884.891	4566.009
#3	3132.411	63781.98	13472.75	1894.772	4559.639

Sample Name: ICSABDLX20 Acquired: 3/27/2025 10:24:06 Type: Unk
Method: NON EPA-6010-200.7(v2849) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSABDLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052828	.0038161	.0022655	.0018942	.0301219	12.10053	.0188471
Stddev	.0003743	.0008383	.0006852	.0030796	.0016778	.03731	.0007072
%RSD	7.084387	21.96843	30.24488	162.5849	5.570004	.3083378	3.752374

#1	.0048607	.0028520	.0022805	-.001291	.0308786	12.05883	.0191040
#2	.0054133	.0043731	.0015729	.004856	.0281990	12.11201	.0180473
#3	.0055743	.0042233	.0029430	.002118	.0312880	12.13075	.0193899

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0247278	.0498869	11.63609	.0294827	.0248351	.0260545	4.842211
Stddev	.0002119	.0000930	.02976	.0001172	.0001779	.0003606	.025098
%RSD	.8567792	.1864662	.2557346	.3973391	.7162927	1.383929	.5183213

#1	.0244967	.0498376	11.61211	.0296176	.0249167	.0256650	4.869337
#2	.0247736	.0498289	11.62677	.0294238	.0246311	.0261217	4.837486
#3	.0249129	.0499942	11.66939	.0294068	.0249576	.0263767	4.819812

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0237638	12.13723	.0507952	.0097438	.0233505	.0232995	.0516623
Stddev	.0001843	.03812	.0002379	.0002915	.0021883	.0010816	.0001730
%RSD	.7757232	.3140841	.4683251	2.991932	9.371381	4.642067	.3347928

#1	.0236264	12.09405	.0505721	.0096027	.0248029	.0228602	.0518618
#2	.0236917	12.15136	.0510455	.0100790	.0208336	.0245316	.0515549
#3	.0239733	12.16626	.0507680	.0095496	.0244149	.0225067	.0515701

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043001	.0589844	.0550033	.0537973	.0510253	.0460481	-.001847
Stddev	.0164711	.0007294	.0002588	.0008365	.0004850	.0043478	.003562
%RSD	383.0384	1.236561	.4704837	1.554893	.9504731	9.441854	192.8459

#1	.0111738	.0584790	.0547685	.0532384	.0506680	.0410546	.000882
#2	-.014494	.0598205	.0552808	.0533945	.0508306	.0489949	-.005877
#3	.016221	.0586536	.0549607	.0547590	.0515774	.0480947	-.000547

Sample Name: ICSABDLX20 Acquired: 3/27/2025 10:24:06 Type: Unk
Method: NON EPA-6010-200.7(v2849) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSABDLX20 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000374	-.000776	.0007740
Stddev	.004361	.000830	.0000549
%RSD	1164.712	107.0340	7.088298
#1	-.005057	.000179	.0007121
#2	.000363	-.001329	.0007934
#3	.003571	-.001176	.0008166

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3140.229	65152.10	13449.03	1907.584	4572.661
Stddev	5.997	235.97	58.81	7.135	8.499
%RSD	.1909794	.3621895	.4372588	.3740297	.1858602
#1	3137.758	65107.19	13504.43	1899.376	4577.390
#2	3147.067	64941.80	13455.33	1911.072	4577.744
#3	3135.861	65407.30	13387.32	1912.304	4562.850

Sample Name: CCV01 Acquired: 3/27/2025 10:28:20 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	5.079301	4.981925	5.020532	5.086124	5.083377	10.07431	9.526301
Stddev	.015242	.053681	.002893	.014836	.020359	.03833	.106321
%RSD	.3000769	1.077522	.0576334	.2917050	.4005017	.3804876	1.116081
#1	5.074279	4.945795	5.018169	5.085389	5.077189	10.03750	9.422866
#2	5.067203	4.956371	5.019669	5.071669	5.066830	10.11400	9.520746
#3	5.096420	5.043610	5.023759	5.101314	5.106112	10.07144	9.635291
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2472697	2.502115	24.29225	1.042487	2.488914	1.266011	5.051871
Stddev	.0019334	.004385	.06668	.005170	.003024	.002840	.025367
%RSD	.7819103	.1752461	.2744773	.4959066	.1215051	.2242902	.5021311
#1	.2450531	2.503499	24.23065	1.037866	2.490190	1.264274	5.081155
#2	.2481474	2.497206	24.36305	1.048070	2.485462	1.264471	5.037780
#3	.2486085	2.505641	24.28306	1.041525	2.491092	1.269288	5.036678
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.351121	24.53080	2.516915	1.284667	26.12485	2.453587	2.614169
Stddev	.006672	.09660	.002821	.004259	.10596	.007409	.014999
%RSD	.2837629	.3938061	.1120705	.3315321	.4055903	.3019468	.5737416
#1	2.344415	24.42176	2.518062	1.280638	26.16760	2.445397	2.596956
#2	2.357757	24.60571	2.513702	1.289124	26.20275	2.459823	2.624433
#3	2.351190	24.56492	2.518983	1.284240	26.00419	2.455542	2.621118
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.40246	4.874277	5.065447	5.031427	4.845755	5.122625	5.032472
Stddev	.14021	.038143	.019488	.014880	.010429	.013788	.004697
%RSD	.5519473	.7825416	.3847187	.2957367	.2152240	.2691533	.0933415
#1	25.49301	4.830488	5.055844	5.031252	4.837152	5.113680	5.029106
#2	25.47341	4.892076	5.052623	5.016635	4.857354	5.138503	5.030473
#3	25.24095	4.900268	5.087872	5.046394	4.842759	5.115692	5.037839

Sample Name: CCV01 Acquired: 3/27/2025 10:28:20 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	4.954663	4.792704	5.102553
Stddev	.024335	.008757	.088367
%RSD	.4911533	.1827165	1.731819
#1	4.948278	4.786337	5.088172
#2	4.934157	4.802691	5.022258
#3	4.981554	4.789085	5.197228

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3033.785	62236.95	12735.45	1845.141	4247.963
Stddev	6.009	51.28	43.39	6.184	3.486
%RSD	.1980635	.0823915	.3406906	.3351559	.0820611
#1	3036.895	62185.27	12774.93	1852.281	4248.318
#2	3037.602	62237.76	12742.41	1841.480	4251.257
#3	3026.859	62287.82	12689.00	1841.661	4244.313

Sample Name: CCB01 Acquired: 3/27/2025 10:32:30 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.0006976	-.001589	-.001256	-.001035	.0000812	-.005764	-.004492
Stddev	.0004271	.002016	.001243	.002090	.0007912	.004801	.000916
%RSD	61.22871	126.8712	99.03909	201.8498	974.5834	83.29047	20.38895
#1	.0004111	-.003523	-.000029	-.003187	.0009942	-.005737	-.003857
#2	.0011885	-.001746	-.001223	-.000904	-.000348	-.000977	-.005542
#3	.0004932	.000501	-.002515	.000986	-.000402	-.010579	-.004078
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000599	.0000573	-.007053	.0002230	.0000710	-.000417	-.018227
Stddev	.0000477	.0001049	.003490	.0001939	.0000443	.000265	.001425
%RSD	79.68040	183.1651	49.48156	86.98613	62.44766	63.62536	7.816954
#1	.0000586	-.000051	-.010385	.0000117	.0000919	-.000111	-.019871
#2	.0001083	.000158	-.003424	.0002642	.0001010	-.000573	-.017374
#3	.0000129	.000064	-.007350	.0003929	.0000201	-.000568	-.017434
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000040	-.006769	.0001101	.0002424	.0096949	-.000851	-.001757
Stddev	.0001720	.002003	.0002516	.0003451	.0034055	.000454	.000239
%RSD	4286.784	29.58746	228.4253	142.3481	35.12729	53.27633	13.63049
#1	-.000189	-.004596	-.000143	.0005090	.0068420	-.001319	-.001570
#2	.000141	-.007169	.000361	-.000147	.0087775	-.000414	-.001674
#3	.000061	-.008541	.000112	.000366	.0134651	-.000821	-.002027
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.039819	.0095487	.0002015	.0033743	.0009104	.0069552	-.001709
Stddev	.021939	.0003188	.0001397	.0000816	.0006654	.0041704	.001461
%RSD	55.09740	3.338807	69.30274	2.418972	73.09068	59.96105	85.49416
#1	-.043186	.0093041	.0000676	.0034521	.0005600	.0067376	-.003200
#2	-.059881	.0099092	.0003463	.0033815	.0004934	.0112302	-.001648
#3	-.016391	.0094326	.0001907	.0032893	.0016778	.0028979	-.000279

Sample Name: CCB01 Acquired: 3/27/2025 10:32:30 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	-.004465	-.001523	.0001208
Stddev	.001051	.001113	.0000445
%RSD	23.54566	73.09475	36.84779
#1	-.003440	-.000859	.0001213
#2	-.004415	-.000903	.0001651
#3	-.005541	-.002809	.0000760

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3141.643	65404.53	13136.18	1965.262	4691.095
Stddev	10.972	144.69	56.47	8.609	15.456
%RSD	.3492303	.2212279	.4298745	.4380373	.3294667
#1	3150.786	65397.27	13074.50	1961.401	4696.274
#2	3144.665	65263.60	13185.34	1959.259	4703.295
#3	3129.477	65552.71	13148.69	1975.125	4673.715

Sample Name: Q1651-01 Acquired: 3/27/2025 10:36:50 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	-.000619	-.005029	.0182445	-.000616	.0014947	1.718587	.0388580
Stddev	.003297	.001079	.0003991	.004452	.0006356	.005752	.0007414
%RSD	532.5588	21.44967	2.187214	723.2137	42.52303	.3346975	1.908034
#1	-.001839	-.005628	.0185185	.003712	.0015950	1.725072	.0394685
#2	-.003132	-.003784	.0177867	-.000376	.0008149	1.716585	.0380330
#3	.003114	-.005676	.0184283	-.005182	.0020742	1.714103	.0390725
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001082	-.000518	60.76810	.0064031	.0021908	.0220054	9.680215
Stddev	.0000492	.000021	.33070	.0003007	.0001435	.0003927	.071373
%RSD	45.52279	4.060607	.5442069	4.695893	6.549858	1.784664	.7373078
#1	.0000627	-.000507	61.14930	.0061763	.0023204	.0222490	9.636788
#2	.0001014	-.000505	60.55799	.0062889	.0020366	.0222148	9.641268
#3	.0001605	-.000542	60.59702	.0067442	.0022153	.0215523	9.762589
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2361217	7.468222	.0077542	.0004894	119.1984	.0056744	.2458342
Stddev	.0017488	.065879	.0002308	.0001356	.8351	.0005922	.0029441
%RSD	.7406152	.8821271	2.976026	27.70507	.7006363	10.43655	1.197595
#1	.2381400	7.543387	.0079005	.0005393	118.7864	.0063248	.2426166
#2	.2350582	7.420505	.0074881	.0003359	118.6494	.0055321	.2464927
#3	.2351670	7.440773	.0078739	.0005928	120.1595	.0051663	.2483933
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.090349	.0627381	.0031932	-.003541	.0723266	6.511547	.9616536
Stddev	.058540	.0006294	.0002650	.000678	.0006858	.053042	.0036326
%RSD	.8256227	1.003162	8.300171	19.14532	.9482284	.8145775	.3777497
#1	7.104839	.0620215	.0031320	-.003959	.0729763	6.479635	.9616977
#2	7.025925	.0632014	.0029640	-.002759	.0716096	6.482231	.9579991
#3	7.140283	.0629913	.0034834	-.003906	.0723940	6.572776	.9652640

Sample Name: Q1651-01 Acquired: 3/27/2025 10:36:50 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	8.554976	.0009770	.1826351
Stddev	.029158	.0012565	.0003163
%RSD	.3408267	128.6082	.1731766
#1	8.584542	.0000371	.1829054
#2	8.526245	.0004898	.1822873
#3	8.554140	.0024041	.1827125

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2988.698	64527.04	13281.87	1863.131	4268.053
Stddev	3.601	389.95	47.44	14.346	8.817
%RSD	.1205000	.6043164	.3571657	.7699760	.2065758
#1	2991.246	64868.52	13227.55	1878.463	4269.917
#2	2990.271	64610.47	13302.95	1860.897	4275.789
#3	2984.578	64102.13	13315.12	1850.034	4258.454

Sample Name: Q1651-01DUP Acquired: 3/27/2025 10:41:01 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	-.002160	-.004893	.0188182	.0016546	.0024498	1.743192	.0385461
Stddev	.001140	.000643	.0004331	.0019583	.0012689	.009107	.0007375
%RSD	52.78454	13.13274	2.301291	118.3568	51.79443	.5224274	1.913317
#1	-.000863	-.005145	.0193114	-.000576	.0023685	1.737367	.0385839
#2	-.003003	-.005371	.0186430	.002450	.0037574	1.753687	.0377904
#3	-.002614	-.004163	.0185002	.003090	.0012236	1.738523	.0392639
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000672	-.000514	60.51850	.0063040	.0022002	.0219970	9.812218
Stddev	.0000601	.000101	.08307	.0001391	.0002323	.0003776	.029478
%RSD	89.34187	19.67279	.1372597	2.206372	10.55730	1.716571	.3004212
#1	.0001360	-.000403	60.46393	.0062384	.0019321	.0216439	9.778702
#2	.0000248	-.000537	60.47746	.0064637	.0023402	.0223951	9.823836
#3	.0000410	-.000602	60.61410	.0062099	.0023283	.0219520	9.834117
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2307878	7.429715	.0076876	.0005455	122.9382	.0057481	.2491042
Stddev	.0006059	.012054	.0002496	.0002149	.3105	.0006290	.0006940
%RSD	.2625217	.1622445	3.246563	39.40454	.2525386	10.94312	.2786168
#1	.2307203	7.419431	.0076606	.0003329	122.9831	.0063181	.2484663
#2	.2302185	7.442980	.0079496	.0005409	123.2238	.0050732	.2490030
#3	.2314246	7.426734	.0074526	.0007627	122.6077	.0058531	.2498433
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.320157	.0610091	.0033113	-.004918	.0734579	6.738304	.9587792
Stddev	.017801	.0001583	.0003679	.000161	.0008197	.041503	.0015199
%RSD	.2431836	.2594325	11.11001	3.267847	1.115824	.6159300	.1585293
#1	7.333881	.0608612	.0037236	-.004806	.0730507	6.709061	.9580647
#2	7.326549	.0611760	.0031935	-.004846	.0744014	6.785807	.9605247
#3	7.300043	.0609903	.0030167	-.005102	.0729217	6.720046	.9577482

Sample Name: Q1651-01DUP Acquired: 3/27/2025 10:41:01 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	8.660929	.0014445	.1853651
Stddev	.012431	.0011979	.0005824
%RSD	.1435328	82.92976	.3142182
#1	8.647239	.0002674	.1857450
#2	8.664035	.0014038	.1856557
#3	8.671513	.0026622	.1846945

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2961.599	63724.43	13544.33	1817.615	4233.630
Stddev	1.977	232.34	28.89	8.513	4.766
%RSD	.0667660	.3645959	.2133322	.4683652	.1125646
#1	2959.864	63950.71	13576.77	1822.260	4234.531
#2	2961.180	63486.47	13534.88	1807.790	4228.478
#3	2963.752	63736.10	13521.36	1822.795	4237.881

Sample Name: Q1651-01LX5 Acquired: 3/27/2025 10:45:13 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	-.000813	-.001813	.0027325	.0001887	.0005209	.3295781	.0023641
Stddev	.003253	.000629	.0001977	.0018000	.0020624	.0014978	.0007370
%RSD	400.0605	34.72346	7.235059	954.0005	395.9522	.4544704	31.17358
#1	-.004300	-.002188	.0025492	.0012512	.0010418	.3282648	.0018832
#2	.002142	-.001086	.0029420	-.001890	-.001752	.3292601	.0019966
#3	-.000282	-.002163	.0027064	.001204	.002273	.3312094	.0032126
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000464	-.000136	12.10612	.0007860	.0002950	.0037276	1.922616
Stddev	.0000098	.000130	.05426	.0005823	.0002051	.0001266	.012177
%RSD	21.07227	95.85924	.4482040	74.07762	69.50711	3.395385	.6333568
#1	.0000426	-.000286	12.04352	.0014105	.0005311	.0038033	1.915240
#2	.0000575	-.000070	12.13958	.0002581	.0001934	.0037979	1.936671
#3	.0000391	-.000051	12.13527	.0006894	.0001607	.0035814	1.915936
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0459888	1.486362	.0014758	.0003901	24.10564	.0002320	.0471302
Stddev	.0001160	.006713	.0001025	.0002971	.05516	.0017543	.0004773
%RSD	.2522184	.4516264	6.948012	76.16263	.2288428	756.3008	1.012663
#1	.0460218	1.485467	.0015525	.0006404	24.05852	-.001324	.0476286
#2	.0460847	1.493477	.0013593	.0004681	24.16632	-.000114	.0470846
#3	.0458599	1.480141	.0015155	.0000618	24.09209	.002133	.0466773
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.357580	.0125253	.0004781	.0008137	.0140456	1.291725	.1767945
Stddev	.019254	.0004511	.0001865	.0003120	.0005862	.009031	.0003101
%RSD	1.418249	3.601464	39.00435	38.33702	4.173893	.6991188	.1754002
#1	1.377360	.0130273	.0006473	.0011663	.0138139	1.286440	.1771360
#2	1.338900	.0121539	.0005088	.0007014	.0136106	1.286582	.1765305
#3	1.356480	.0123948	.0002781	.0005735	.0147123	1.302152	.1767171

Sample Name: Q1651-01LX5 Acquired: 3/27/2025 10:45:13 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	1.593791	-.000040	.0370149
Stddev	.006148	.001425	.0000923
%RSD	.3857579	3554.530	.2494733
#1	1.589048	.001131	.0371015
#2	1.591588	.000375	.0369177
#3	1.600737	-.001627	.0370255

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3094.568	63864.04	13585.61	1857.954	4544.488
Stddev	2.181	163.61	24.76	11.104	2.510
%RSD	.0704823	.2561813	.1822237	.5976314	.0552258
#1	3092.254	63737.85	13557.78	1859.358	4541.635
#2	3094.863	63805.39	13593.89	1846.216	4546.352
#3	3096.586	64048.89	13605.17	1868.290	4545.478

Sample Name: Q1651-01MS Acquired: 3/27/2025 10:49:32 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.8093797	1.876381	.9495953	1.607909	.8431590	3.714339	.2182439
Stddev	.0043299	.005559	.0016078	.004576	.0023527	.009852	.0003486
%RSD	.5349654	.2962392	.1693100	.2845871	.2790395	.2652293	.1597420

#1	.8095580	1.880015	.9477462	1.602658	.8437306	3.704183	.2184923
#2	.8049634	1.879147	.9506626	1.610020	.8405731	3.714980	.2183942
#3	.8136177	1.869983	.9503772	1.611048	.8451733	3.723854	.2178454

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1838324	.1905761	60.79811	.4251840	.1983636	.3197336	12.92935
Stddev	.0017078	.0005325	.05475	.0011317	.0001757	.0006785	.12646
%RSD	.9289952	.2794371	.0900531	.2661572	.0885550	.2122046	.9781228

#1	.1820578	.1900732	60.73503	.4260993	.1982912	.3189554	13.04579
#2	.1854644	.1905210	60.83330	.4239187	.1982357	.3202010	12.79481
#3	.1839751	.1911340	60.82599	.4255341	.1985638	.3200445	12.94746

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4090100	9.203898	.5012286	.0755251	130.4614	.2957810	.4662958
Stddev	.0005198	.029935	.0011167	.0001939	.9755	.0008470	.0009322
%RSD	.1270943	.3252415	.2228027	.2566888	.7477537	.2863597	.1999079

#1	.4090539	9.169401	.5005229	.0756758	130.8444	.2948337	.4662146
#2	.4084697	9.223034	.5006469	.0753064	129.3524	.2960438	.4654069
#3	.4095065	9.219260	.5025162	.0755931	131.1872	.2964654	.4672659

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.16881	.3176581	.4349890	.6606072	.2636662	7.728663	6.722973
Stddev	.21586	.0022481	.0009605	.0043958	.0008863	.050804	.022001
%RSD	1.188095	.7077126	.2208117	.6654259	.3361434	.6573429	.3272558

#1	18.36449	.3152000	.4349931	.6558163	.2627631	7.778988	6.703001
#2	17.93726	.3196097	.4340264	.6644549	.2645346	7.677393	6.719360
#3	18.20468	.3181648	.4359474	.6615505	.2637008	7.729607	6.746557

Sample Name: Q1651-01MS Acquired: 3/27/2025 10:49:32 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	8.070306	.1989303	.3884212
Stddev	.031891	.0007996	.0009723
%RSD	.3951706	.4019263	.2503133
#1	8.034843	.1994269	.3874618
#2	8.079442	.1993561	.3883959
#3	8.096632	.1980080	.3894058

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2961.857	61472.84	13467.05	1768.028	4243.977
Stddev	7.021	115.88	97.54	.834	12.955
%RSD	.2370327	.1885046	.7242641	.0471966	.3052498
#1	2962.045	61353.23	13565.98	1767.911	4252.715
#2	2968.781	61584.59	13370.97	1767.259	4250.123
#3	2954.744	61480.69	13464.20	1768.915	4229.093

Sample Name: Q1651-01MSD Acquired: 3/27/2025 10:53:40 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.8123331	1.880785	.9539890	1.609650	.8431480	3.801827	.2192653
Stddev	.0022992	.014695	.0023051	.007324	.0012538	.015023	.0005966
%RSD	.2830391	.7813258	.2416240	.4549798	.1487037	.3951484	.2721105

#1	.8149615	1.870296	.9543130	1.611023	.8418631	3.819171	.2196431
#2	.8113433	1.874480	.9515391	1.601738	.8443681	3.792864	.2195753
#3	.8106946	1.897581	.9561149	1.616191	.8432127	3.793446	.2185775

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1940074	.1923011	61.55548	.4201936	.2002782	.3237312	12.38041
Stddev	.0005129	.0006112	.17249	.0009602	.0006426	.0001706	.04602
%RSD	.2643607	.3178175	.2802263	.2285034	.3208567	.0527100	.3716975

#1	.1938375	.1924839	61.71665	.4191551	.2009156	.3238544	12.41515
#2	.1936011	.1916194	61.57627	.4203767	.1996305	.3238028	12.39787
#3	.1945837	.1928000	61.37354	.4210491	.2002883	.3235364	12.32822

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4198759	9.427821	.5044783	.0733918	123.2243	.2992007	.4585772
Stddev	.0001507	.033148	.0014095	.0004189	.7897	.0016866	.0017055
%RSD	.0358854	.3515927	.2794034	.5707875	.6408990	.5637032	.3719090

#1	.4199328	9.463040	.5052020	.0731245	122.7449	.3009210	.4597131
#2	.4197051	9.423190	.5028540	.0738746	122.7922	.2991313	.4594025
#3	.4199899	9.397232	.5053790	.0731763	124.1358	.2975499	.4566161

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.25455	.3339612	.4336713	.6676735	.2670690	7.400909	6.930815
Stddev	.05932	.0003416	.0016151	.0020509	.0014768	.019851	.021239
%RSD	.3437857	.1023011	.3724184	.3071672	.5529636	.2682181	.3064502

#1	17.30073	.3343453	.4341649	.6654541	.2687045	7.420051	6.925028
#2	17.27525	.3336913	.4318670	.6694986	.2658331	7.402256	6.913069
#3	17.18765	.3338470	.4349820	.6680679	.2666696	7.380419	6.954349

Sample Name: Q1651-01MSD Acquired: 3/27/2025 10:53:40 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	8.231587	.2037486	.3888792
Stddev	.013286	.0012014	.0008512
%RSD	.1613970	.5896398	.2188837
#1	8.226960	.2024701	.3898599
#2	8.221233	.2048541	.3884460
#3	8.246567	.2039215	.3883318

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2944.761	62623.78	12763.78	1816.573	4198.573
Stddev	4.013	133.10	39.40	10.170	5.027
%RSD	.1362783	.2125373	.3087069	.5598555	.1197250
#1	2940.435	62473.20	12729.72	1809.687	4194.498
#2	2948.362	62725.68	12806.93	1811.778	4204.190
#3	2945.487	62672.48	12754.68	1828.254	4197.029

Sample Name: Q1651-01A Acquired: 3/27/2025 10:57:41 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.7722187	1.802268	.9153733	1.531937	.8175822	3.604994	.2159827
Stddev	.0028537	.007982	.0027794	.006411	.0040932	.008423	.0003880
%RSD	.3695408	.4429024	.3036341	.4185226	.5006446	.2336363	.1796309
#1	.7738717	1.794864	.9169467	1.538095	.8204232	3.613623	.2164095
#2	.7689236	1.810724	.9170090	1.525299	.8128905	3.604563	.2158872
#3	.7738608	1.801217	.9121641	1.532416	.8194329	3.596795	.2156513
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1803930	.1840807	60.43897	.4015834	.1921238	.3108807	12.24071
Stddev	.0001512	.0002669	.05648	.0022914	.0002641	.0017880	.03326
%RSD	.0838309	.1450090	.0934430	.5705797	.1374837	.5751387	.2717118
#1	.1805527	.1841650	60.42786	.4041854	.1918921	.3109134	12.27823
#2	.1802520	.1842953	60.50017	.3998670	.1920678	.3090766	12.21484
#3	.1803743	.1837818	60.38887	.4006979	.1924114	.3126521	12.22908
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4102861	9.126684	.4828425	.0716496	120.7075	.2868636	.4425288
Stddev	.0013894	.031204	.0009609	.0004968	.3204	.0002215	.0025965
%RSD	.3386481	.3418962	.1990000	.6933007	.2654564	.0772085	.5867304
#1	.4115381	9.144209	.4835607	.0718635	121.0498	.2871168	.4454489
#2	.4105289	9.090657	.4832157	.0710818	120.4147	.2867680	.4416568
#3	.4087912	9.145185	.4817510	.0720036	120.6582	.2867060	.4404805
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.85413	.3139095	.4266698	.6518897	.2595875	7.236200	6.706917
Stddev	.05368	.0005409	.0026282	.0021172	.0008871	.040328	.009566
%RSD	.3185036	.1723249	.6159912	.3247832	.3417194	.5573110	.1426354
#1	16.89920	.3139893	.4285004	.6542385	.2596717	7.261552	6.716879
#2	16.79474	.3133331	.4236582	.6513028	.2604295	7.189697	6.697803
#3	16.86845	.3144061	.4278508	.6501279	.2586614	7.257352	6.706070

Sample Name: Q1651-01A Acquired: 3/27/2025 10:57:41 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	7.984632	.1932585	.3728556
Stddev	.014150	.0025155	.0001043
%RSD	.1772136	1.301614	.0279685
#1	7.999076	.1912997	.3728407
#2	7.984022	.1960953	.3729666
#3	7.970797	.1923804	.3727596

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2977.965	63943.47	13217.43	1852.507	4253.524
Stddev	8.292	478.38	52.11	15.245	7.765
%RSD	.2784336	.7481292	.3942808	.8229359	.1825475
#1	2970.762	63464.31	13160.40	1835.814	4245.262
#2	2987.029	64421.07	13262.57	1865.693	4254.637
#3	2976.104	63945.03	13229.34	1856.014	4260.672

Sample Name: Q1651-02 Acquired: 3/27/2025 11:01:41 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	-.000019	-.005509	.0245603	.0020883	.0045471	2.353817	.0549136
Stddev	.002804	.002351	.0012927	.0004199	.0010592	.032587	.0001854
%RSD	14435.97	42.67705	5.263534	20.10838	23.29320	1.384430	.3376762
#1	-.002381	-.003147	.0260530	.0021452	.0055978	2.371394	.0549471
#2	.003079	-.007849	.0238160	.0024768	.0034797	2.316215	.0550800
#3	-.000757	-.005531	.0238118	.0016428	.0045639	2.373842	.0547137
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001996	-.000720	80.83802	.0075936	.0031723	.0289578	14.02236
Stddev	.0000662	.000024	.85224	.0002193	.0003713	.0000562	.06701
%RSD	33.18650	3.345283	1.054251	2.888675	11.70543	.1939495	.4778695
#1	.0001236	-.000720	81.20745	.0075361	.0029074	.0288932	14.04425
#2	.0002453	-.000696	79.86340	.0078359	.0035967	.0289853	13.94714
#3	.0002297	-.000744	81.44320	.0074086	.0030127	.0289950	14.07569
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3258772	8.602559	.0096737	.0007194	174.8265	.0072393	.3603419
Stddev	.0025063	.086413	.0002014	.0001418	1.9923	.0015077	.0026482
%RSD	.7690966	1.004502	2.081759	19.70570	1.139608	20.82634	.7349041
#1	.3278165	8.639587	.0096931	.0008170	174.3922	.0062428	.3576003
#2	.3230472	8.503803	.0098646	.0005568	173.0871	.0065012	.3605398
#3	.3267680	8.664288	.0094633	.0007844	177.0001	.0089738	.3628856
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.77216	.0807078	.0049588	-.005643	.0977240	9.608643	1.357130
Stddev	.05249	.0008958	.0000572	.000072	.0024965	.026861	.003865
%RSD	.4872709	1.109972	1.154311	1.275264	2.554614	.2795515	.2847729
#1	10.72971	.0815117	.0048949	-.005719	.1000189	9.612652	1.358354
#2	10.75593	.0797421	.0050053	-.005576	.0950658	9.580002	1.360235
#3	10.83085	.0808697	.0049762	-.005633	.0980873	9.633273	1.352802

Sample Name: Q1651-02 Acquired: 3/27/2025 11:01:41 Type: Unk
Method: NON EPA-6010-200.7(v2849) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.720327	.0037061	.2545310
Stddev	.008665	.0008758	.0035294
%RSD	.1289333	23.63153	1.386627
#1	6.722883	.0027505	.2558259
#2	6.727426	.0038972	.2505370
#3	6.710672	.0044706	.2572300

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2949.925	61914.40	13703.63	1791.708	4192.882
Stddev	1.422	209.94	118.39	12.510	2.857
%RSD	.0482006	.3390833	.8639230	.6982192	.0681303
#1	2949.097	62064.00	13664.07	1805.800	4189.876
#2	2951.567	62004.80	13836.73	1787.410	4193.208
#3	2949.111	61674.41	13610.08	1781.912	4195.561

Sample Name: PB167340BL Acquired: 3/27/2025 11:06:01 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	-.000765	-.001374	-.000564	.0002854	.0000705	-.001159	-.006348
Stddev	.000380	.001313	.000121	.0008586	.0005026	.004943	.000563
%RSD	49.67084	95.57269	21.45717	300.8029	712.7470	426.5523	8.866674

#1	-.000897	.000140	-.000601	.0012740	-.000499	-.003593	-.006763
#2	-.000337	-.002057	-.000429	-.000143	.000258	-.004413	-.005707
#3	-.001063	-.002205	-.000662	-.000274	.000452	.004529	-.006575

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000977	.0000169	-.002088	.0000555	-.000099	-.000545	-.012157
Stddev	.0000335	.0000113	.004673	.0001695	.000128	.000208	.003280
%RSD	34.26893	66.58413	223.7833	305.1035	130.2363	38.11520	26.98258

#1	.0000982	.0000278	-.007470	.0002365	.000034	-.000309	-.008719
#2	.0000640	.0000053	.000273	.0000296	-.000222	-.000698	-.012499
#3	.0001310	.0000176	.000933	-.000099	-.000108	-.000629	-.015252

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000200	-.000036	-.000033	.0005931	.0750286	-.000600	-.001799
Stddev	.000265	.020275	.000176	.0001523	.0069676	.000894	.000073
%RSD	132.4873	55985.27	525.9257	25.67841	9.286554	149.0195	4.070020

#1	-.000406	-.007947	.000112	.0007547	.0760541	-.001165	-.001865
#2	.000099	.023002	-.000228	.0004523	.0676051	-.001066	-.001810
#3	-.000292	-.015163	.000016	.0005724	.0814265	.000431	-.001720

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003756	-.001148	-.000071	.0026262	.0002344	.0006239	.0006272
Stddev	.035143	.000058	.000064	.0008419	.0001803	.0036579	.0024206
%RSD	935.6906	5.066392	90.12065	32.05947	76.93005	586.3129	385.9234

#1	-.012745	-.001205	-.000144	.0029426	.0003518	-.003524	-.002099
#2	.035008	-.001151	-.000028	.0016719	.0003245	.002008	.001458
#3	-.033531	-.001089	-.000040	.0032641	.0000268	.003387	.002523

Sample Name: PB167340BL Acquired: 3/27/2025 11:06:01 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.0021933	.0027439	.0000029
Stddev	.0018834	.0016953	.0000244
%RSD	85.86947	61.78273	833.0636
#1	.0042623	.0009232	-.000025
#2	.0017391	.0042768	.000021
#3	.0005786	.0030317	.000012

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3167.520	64705.93	13589.66	1888.942	4780.408
Stddev	2.669	332.60	15.13	13.941	7.041
%RSD	.0842772	.5140138	.1113580	.7380505	.1472975
#1	3168.180	65065.80	13598.33	1905.036	4788.479
#2	3169.797	64642.16	13572.19	1881.230	4777.222
#3	3164.582	64409.84	13598.47	1880.561	4775.523

Sample Name: PB167340BS Acquired: 3/27/2025 11:10:20 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.7532237	1.890380	.9156463	1.914969	.7848049	1.853190
Stddev	.0033094	.014151	.0013315	.005576	.0019485	.008376
%RSD	.4393699	.7485889	.1454182	.2911821	.2482723	.4519776

#1	.7506377	1.906323	.9161812	1.911618	.7833852	1.861871
#2	.7520803	1.885510	.9141305	1.921406	.7870263	1.845157
#3	.7569533	1.879307	.9166271	1.911884	.7840031	1.852540

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1665555	.1817178	.1833763	.9201620	.3987543	.1859147
Stddev	.0009137	.0003273	.0004534	.0026390	.0009723	.0006147
%RSD	.5486095	.1801297	.2472701	.2867941	.2438479	.3306472

#1	.1666892	.1819638	.1831747	.9172111	.3978552	.1855337
#2	.1673950	.1818434	.1830587	.9222958	.3997862	.1855864
#3	.1655823	.1813463	.1838956	.9209789	.3986216	.1866238

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2974056	2.873917	.1767030	1.802630	.4749315	.0739033
Stddev	.0006123	.015247	.0007847	.013341	.0009962	.0002470
%RSD	.2058656	.5305403	.4440727	.7400773	.2097480	.3342256

#1	.2967486	2.859693	.1773848	1.815149	.4751376	.0741221
#2	.2975081	2.890014	.1768790	1.804146	.4738484	.0736354
#3	.2979601	2.872044	.1758453	1.788597	.4758084	.0739524

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.023399	.2712829	.2015188	9.492424	.2693232	.3895852
Stddev	.020831	.0026316	.0005688	.041061	.0023039	.0008996
%RSD	.6890000	.9700654	.2822749	.4325636	.8554563	.2309033

#1	2.999464	.2705406	.2019504	9.445493	.2709544	.3890496
#2	3.033297	.2742060	.2008742	9.521729	.2703277	.3906238
#3	3.037437	.2691022	.2017318	9.510049	.2666876	.3890822

Sample Name: PB167340BS Acquired: 3/27/2025 11:10:20 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.6526897	.1804648	.7714363	5.450863	F -.005989	.1858247
Stddev	.0016193	.0008495	.0081183	.011398	.001598	.0019870
%RSD	.2480921	.4707055	1.052358	.2091056	26.68334	1.069280
#1	.6522408	.1795615	.7661679	5.453262	-.004747	.1854299
#2	.6513423	.1812476	.7807853	5.438457	-.007792	.1879794
#3	.6544861	.1805853	.7673555	5.460871	-.005428	.1840647

Elem	Sr4077
Units	ppm
Avg	.1916635
Stddev	.0000341
%RSD	.0177869
#1	.1916724
#2	.1916922
#3	.1916258

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3127.227	64138.91	13419.61	1864.336	4618.839
Stddev	2.112	255.63	50.54	4.493	6.204
%RSD	.0675492	.3985550	.3766077	.2409971	.1343239
#1	3129.666	64392.94	13391.62	1869.361	4620.283
#2	3126.031	63881.71	13389.27	1860.707	4624.194
#3	3125.984	64142.07	13477.96	1862.940	4612.041

Sample Name: PB167335TB Acquired: 3/27/2025 11:14:23 Type: Unk
 Method: NON EPA-6010-200.7(v2849) 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	-.002169	-.003928	-.000729	.0014512	.0003310	.0113830
Stddev	.001393	.001150	.000977	.0030215	.0024687	.0059195
%RSD	64.22163	29.26970	134.0367	208.2085	745.8586	52.00331
#1	-.001891	-.002601	-.001595	.0032289	-.001620	.0049853
#2	-.000936	-.004618	.000330	.0031622	-.000493	.0124979
#3	-.003681	-.004565	-.000922	-.002038	.003106	.0166658
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007712	-.000147	-.000111	.0127932	-.000139	-.000374
Stddev	.000505	.000029	.000053	.0041163	.000147	.000150
%RSD	6.552354	19.66251	47.54687	32.17597	105.5633	40.00208
#1	-.007279	-.000155	-.000121	.0091844	-.000261	-.000368
#2	-.008268	-.000116	-.000054	.0119186	.000024	-.000228
#3	-.007591	-.000172	-.000158	.0172765	-.000180	-.000527
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000641	.0102394	-.000243	.0114776	-.000013	.0002972
Stddev	.000034	.0040726	.000059	.0057193	.000087	.0002552
%RSD	5.352038	39.77331	24.07826	49.82980	656.8631	85.84453
#1	-.000615	.0077989	-.000182	.0179626	-.000073	.0000943
#2	-.000680	.0079786	-.000249	.0071538	.000087	.0005837
#3	-.000628	.0149409	-.000299	.0093165	-.000054	.0002137
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.030183	-.000517	.0009919	-.149840	-.000704	.0001121
Stddev	.006825	.000812	.0001667	.027351	.000574	.0000405
%RSD	22.61329	157.1306	16.80036	18.25377	81.52629	36.09371
#1	-.025071	-.001378	.0011116	-.118351	-.000046	.0001346
#2	-.037934	-.000410	.0008016	-.167687	-.001100	.0001364
#3	-.027545	.000237	.0010627	-.163482	-.000968	.0000654

Sample Name: PB167335TB Acquired: 3/27/2025 11:14:23 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	-.003213	.0006896	.0169277	.0065440	F 15.26057	-.003463
Stddev	.000203	.0006800	.0051472	.0013237	.05490	.000460
%RSD	6.332694	98.60985	30.40679	20.22773	.3597739	13.27359
#1	-.003270	-.000007	.0206864	.0060327	15.26800	-.003211
#2	-.002987	.001352	.0190355	.0055522	15.31138	-.003994
#3	-.003381	.000724	.0110612	.0080471	15.20233	-.003185

Elem	Sr4077
Units	ppm
Avg	.0000490
Stddev	.0000063
%RSD	12.89444
#1	.0000419
#2	.0000511
#3	.0000541

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3148.675	65810.81	13733.20	1878.307	4884.587
Stddev	4.645	127.88	61.89	9.213	9.594
%RSD	.1475086	.1943162	.4506784	.4905077	.1964055
#1	3148.345	65687.37	13715.65	1881.144	4879.407
#2	3144.204	65802.33	13801.98	1868.009	4878.698
#3	3153.475	65942.71	13681.98	1885.768	4895.658

Sample Name: CCV02 Acquired: 3/27/2025 11:18:43 Type: Unk
Method: NON EPA-6010-200.7(v2849) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.127673	5.132419	5.075123	5.154257	5.168698	10.24298	9.808760
Stddev	.021488	.074178	.007860	.030776	.016600	.05802	.098024
%RSD	.4190595	1.445289	.1548664	.5971017	.3211588	.5664064	.9993557
#1	5.104597	5.057892	5.067486	5.118722	5.149746	10.27394	9.885404
#2	5.131315	5.133121	5.074694	5.171681	5.180660	10.27895	9.842571
#3	5.147107	5.206244	5.083188	5.172368	5.175688	10.17605	9.698306
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2495402	2.526575	24.93746	1.054829	2.522738	1.286070	5.136484
Stddev	.0018960	.005731	.09732	.003173	.006532	.004722	.040611
%RSD	.7598104	.2268186	.3902721	.3008433	.2589398	.3671334	.7906364
#1	.2508742	2.524941	24.96192	1.055581	2.520174	1.281103	5.092928
#2	.2503768	2.521839	25.02022	1.057559	2.517877	1.286606	5.143214
#3	.2473698	2.532946	24.83024	1.051347	2.530164	1.290501	5.173309
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.413504	25.02025	2.545949	1.303512	26.66841	2.511854	2.646651
Stddev	.005702	.16451	.006699	.001152	.09916	.010015	.003023
%RSD	.2362441	.6574950	.2631330	.0883585	.3718120	.3987195	.1142058
#1	2.412055	25.01713	2.542391	1.302688	26.55507	2.513456	2.643161
#2	2.419791	25.18629	2.541779	1.303020	26.73911	2.520971	2.648358
#3	2.408667	24.85732	2.553676	1.304828	26.71106	2.501134	2.648433
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.06795	4.922914	5.167464	5.094196	4.989994	5.180895	5.159489
Stddev	.14051	.035267	.018197	.022832	.015038	.028783	.027643
%RSD	.5390127	.7163880	.3521528	.4481986	.3013620	.5555636	.5357681
#1	25.91022	4.949253	5.148527	5.087289	4.990263	5.152588	5.144524
#2	26.11387	4.936643	5.169047	5.075615	5.004896	5.179968	5.142554
#3	26.17975	4.882847	5.184818	5.119684	4.974824	5.210131	5.191388

Sample Name: CCV02 Acquired: 3/27/2025 11:18:43 Type: Unk
Method: NON EPA-6010-200.7(v2849) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.017320	4.924576	5.200835
Stddev	.026657	.020722	.046707
%RSD	.5312906	.4207946	.8980759
#1	4.988891	4.924602	5.202775
#2	5.021314	4.945286	5.246542
#3	5.041754	4.903841	5.153188

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3067.309	63555.33	12950.77	1871.645	4305.219
Stddev	5.182	189.55	59.04	12.431	4.980
%RSD	.1689297	.2982409	.4558645	.6641837	.1156646
#1	3072.939	63771.54	12926.79	1883.808	4310.375
#2	3062.741	63476.74	12907.50	1872.163	4304.844
#3	3066.246	63417.73	13018.03	1858.962	4300.437

Sample Name: CCB02 Acquired: 3/27/2025 11:22:54 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	-.000532	-.000276	-.000246	.0010392	-.000391	-.000081	-.005535
Stddev	.001446	.001945	.000063	.0011553	.001643	.004503	.000207
%RSD	271.5109	703.4177	25.50682	111.1760	420.4119	5528.548	3.741329
#1	.001018	.001900	-.000201	.0001019	-.002192	.004531	-.005446
#2	-.000773	-.001842	-.000220	.0006857	.001026	-.000310	-.005772
#3	-.001843	-.000888	-.000317	.0023299	-.000007	-.004465	-.005388
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000284	.0000548	-.007979	.0000375	.0002367	-.000675	-.010468
Stddev	.0000411	.0001035	.008050	.0001059	.0001122	.000304	.002977
%RSD	145.1223	188.7802	100.8945	282.6295	47.37521	44.93222	28.44424
#1	-.000009	.0000898	-.010512	.0001587	.0001416	-.000737	-.011114
#2	.000021	.0001363	-.014457	-.000009	.0002082	-.000346	-.007220
#3	.000073	-.000062	.001033	-.000037	.0003604	-.000943	-.013069
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000138	-.011225	.0001014	.0005339	.0278351	.0008033	-.001585
Stddev	.000284	.014942	.0001523	.0000855	.0123630	.0013057	.000072
%RSD	205.8606	133.1070	150.1588	16.01326	44.41513	162.5422	4.515320
#1	-.000407	-.025031	.0002370	.0004647	.0362247	.0023081	-.001640
#2	-.000167	.004639	-.000063	.0005077	.0136376	.0001315	-.001504
#3	.000160	-.013284	.000131	.0006295	.0336429	-.000030	-.001610
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005326	.0064767	.0003124	.0028470	.0005309	.0065594	-.001390
Stddev	.011328	.0003910	.0000625	.0008194	.0002278	.0047826	.001711
%RSD	212.7043	6.036571	20.00370	28.77933	42.90315	72.91238	123.0758
#1	-.017089	.0069259	.0002815	.0035624	.0007832	.0107927	-.003129
#2	.005509	.0062913	.0003843	.0019531	.0003403	.0075141	-.001334
#3	-.004397	.0062129	.0002714	.0030254	.0004693	.0013715	.000292

Sample Name: CCB02 Acquired: 3/27/2025 11:22:54 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.0014726	-.000365	.0001679
Stddev	.0021685	.001229	.0000466
%RSD	147.2588	336.9210	27.72675
#1	.0005520	.000565	.0001936
#2	.0039495	.000098	.0001142
#3	-.000084	-.001758	.0001960

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3170.408	67544.03	13433.48	1968.671	4738.824
Stddev	16.017	360.26	19.65	13.677	21.827
%RSD	.5052091	.5333705	.1462531	.6947168	.4606076
#1	3181.590	67419.11	13424.97	1966.129	4753.741
#2	3177.575	67950.13	13455.95	1983.440	4748.959
#3	3152.059	67262.87	13419.52	1956.443	4713.771

Sample Name: Q1640-01 Acquired: 3/27/2025 11:27:29 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.0309697	-.007513	1.615622	-.009242	-.000030	43.84351
Stddev	.0023846	.002866	.003100	.002633	.000206	.08758
%RSD	7.699908	38.15109	.1918668	28.49041	695.1630	.1997491
#1	.0284643	-.009434	1.614450	-.011719	.000147	43.90310
#2	.0312332	-.004219	1.613279	-.006477	.000020	43.74296
#3	.0332116	-.008887	1.619137	-.009531	-.000256	43.88446
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1755528	.0151485	.0281602	129.6787	.0812924	.2890329
Stddev	.0002912	.0001376	.0002674	.0761	.0003722	.0013464
%RSD	.1658998	.9084631	.9496048	.0587139	.4578727	.4658191
#1	.1758501	.0152406	.0280159	129.6120	.0816594	.2883554
#2	.1752681	.0152146	.0279960	129.6624	.0813027	.2881598
#3	.1755403	.0149903	.0284688	129.7616	.0809152	.2905834
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.000054	31.76072	11.95482	44.43467	.2584284	-.000378
Stddev	.002640	.10660	.01250	.01330	.0012731	.000099
%RSD	.2639495	.3356478	.1045936	.0299426	.4926247	26.28758
#1	.998838	31.88082	11.96900	44.42048	.2578991	-.000366
#2	.998240	31.72404	11.95012	44.44686	.2575055	-.000285
#3	1.003082	31.67730	11.94535	44.43668	.2598808	-.000482
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.09358	.2384504	4.590569	14.50935	.8580717	-.000754
Stddev	.04716	.0005974	.015165	.05611	.0019475	.000165
%RSD	.4250965	.2505436	.3303571	.3867110	.2269631	21.90958
#1	11.14546	.2388142	4.607743	14.56569	.8597774	-.000564
#2	11.05332	.2377609	4.579020	14.45348	.8584880	-.000869
#3	11.08195	.2387761	4.584943	14.50889	.8559497	-.000827

Sample Name: Q1640-01 Acquired: 3/27/2025 11:27:29 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	-.006525	.0334084	F 39.55777	4.146329	F 427.8948	.0479400
Stddev	.001030	.0006343	.15722	.032213	1.9303	.0008538
%RSD	15.78112	1.898503	.3974320	.7769129	.4511106	1.780965
#1	-.007706	.0340843	39.73396	4.116660	427.5695	.0480632
#2	-.005817	.0328262	39.50755	4.141734	426.1478	.0470314
#3	-.006050	.0333146	39.43180	4.180593	429.9670	.0487256

Elem	Sr4077
Units	ppm
Avg	.5559361
Stddev	.0015528
%RSD	.2793206
#1	.5566772
#2	.5541515
#3	.5569795

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4603.597	97796.40	21440.74	2766.724	4128.755
Stddev	13.486	226.58	25.21	4.742	16.123
%RSD	.2929343	.2316807	.1175676	.1714008	.3905104
#1	4614.192	97580.32	21465.77	2761.355	4138.771
#2	4608.182	97776.69	21415.36	2770.339	4137.337
#3	4588.416	98032.19	21441.09	2768.478	4110.156

Sample Name: Q1640-02 Acquired: 3/27/2025 11:31:31 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.0272975	-.008310	1.762845	-.010625	.0000565	55.00032
Stddev	.0005874	.001785	.005862	.001602	.0003727	.03606
%RSD	2.152031	21.47658	.3325593	15.08212	659.3294	.0655578
#1	.0276365	-.006725	1.756287	-.010768	.0002783	55.03324
#2	.0266192	-.007962	1.764668	-.012151	.0002650	55.00593
#3	.0276369	-.010243	1.767579	-.008955	-.000374	54.96178
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1633192	.0170029	.0335038	160.5486	.0866194	.3330056
Stddev	.0001866	.0001402	.0001754	.0739	.0001912	.0010842
%RSD	.1142417	.8244307	.5236140	.0460513	.2207374	.3255751
#1	.1634044	.0168896	.0333129	160.5962	.0864772	.3321340
#2	.1631053	.0171596	.0335405	160.5861	.0868368	.3326632
#3	.1634480	.0169594	.0336579	160.4634	.0865443	.3342196
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8182425	50.24553	12.97427	50.46984	.3077142	.0001660
Stddev	.0026169	.22334	.09719	.13205	.0013323	.0001674
%RSD	.3198221	.4444965	.7491306	.2616459	.4329633	100.8437
#1	.8153042	50.15889	13.04813	50.55128	.3063640	-.000026
#2	.8191009	50.07849	12.86416	50.54076	.3077506	.000239
#3	.8203224	50.49921	13.01052	50.31748	.3090278	.000284
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.51502	.3257605	4.876818	24.93555	.7870758	-.001303
Stddev	.13438	.0007254	.023715	.17283	.0027377	.000183
%RSD	.5266611	.2226786	.4862846	.6931197	.3478355	14.06554
#1	25.43718	.3255459	4.868374	24.80955	.7887148	-.001114
#2	25.43769	.3251666	4.903599	24.86452	.7885973	-.001314
#3	25.67019	.3265690	4.858480	25.13258	.7839153	-.001480

Sample Name: Q1640-02 Acquired: 3/27/2025 11:31:31 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	-.005853	.0216705	F 59.86749	3.815679	F 448.0356	.0614106
Stddev	.000206	.0002379	.22623	.014584	1.1937	.0014790
%RSD	3.511556	1.097798	.3778764	.3822037	.2664305	2.408369
#1	-.005793	.0217715	59.66550	3.800948	447.2179	.0607108
#2	-.006082	.0213988	59.82503	3.815979	447.4834	.0604113
#3	-.005685	.0218412	60.11193	3.830111	449.4054	.0631096

Elem	Sr4077
Units	ppm
Avg	.6638504
Stddev	.0036351
%RSD	.5475730
#1	.6597101
#2	.6665181
#3	.6653231

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4599.295	98165.78	21617.83	2764.881	4005.845
Stddev	1.280	137.82	71.54	7.830	3.788
%RSD	.0278383	.1404002	.3309126	.2832046	.0945664
#1	4599.427	98316.54	21580.20	2764.992	4006.100
#2	4600.504	98134.56	21572.98	2756.995	4009.499
#3	4597.953	98046.25	21700.33	2772.655	4001.935

Sample Name: Q1640-03 Acquired: 3/27/2025 11:35:48 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.0126646	-.002672	.1709009	-.014295	.0019938	10.56255
Stddev	.0014126	.003829	.0012625	.001984	.0011533	.04416
%RSD	11.15349	143.3358	.7387291	13.87819	57.84124	.4181002
#1	.0110455	.001340	.1719018	-.012004	.0028858	10.57997
#2	.0133035	-.006287	.1713185	-.015412	.0024042	10.59535
#3	.0136449	-.003068	.1694826	-.015468	.0006915	10.51233
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2760983	.0078415	.0298647	505.0521	.0141158	.2879438
Stddev	.0005372	.0001112	.0000050	2.4340	.0001836	.0006674
%RSD	.1945575	1.417486	.0167058	.4819274	1.300675	.2317997
#1	.2755280	.0078566	.0298596	507.8604	.0142168	.2887042
#2	.2765947	.0079443	.0298652	503.7437	.0142268	.2876721
#3	.2761722	.0077235	.0298695	503.5521	.0139039	.2874550
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2888633	15.72098	15.96857	122.6059	.2177694	-.000125
Stddev	.0012565	.12314	.07118	1.0379	.0005612	.000195
%RSD	.4349877	.7832702	.4457521	.8465116	.2576855	155.7526
#1	.2896571	15.72050	16.02523	123.3900	.2183847	.000027
#2	.2895183	15.59809	15.99180	122.9987	.2172859	-.000057
#3	.2874146	15.84436	15.88868	121.4290	.2176376	-.000344
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.11553	.0096655	5.192328	21.14311	.8541408	-.000701
Stddev	.18939	.0002688	.014461	.21241	.0098576	.000139
%RSD	1.045430	2.781129	.2785044	1.004636	1.154094	19.78449
#1	18.02759	.0096741	5.190278	21.02155	.8601382	-.000542
#2	17.98611	.0093925	5.179002	21.01941	.8595203	-.000792
#3	18.33290	.0099299	5.207704	21.38838	.8427638	-.000769

Sample Name: Q1640-03 Acquired: 3/27/2025 11:35:48 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	-0.009213	-0.007970	F 38.31061	.3753358	F 511.6830	-.031493
Stddev	.000582	.000390	.21977	.0031387	.4051	.000844
%RSD	6.322331	4.892212	.5736628	.8362419	.0791649	2.681429
#1	-0.008547	-0.007736	38.21329	.3717347	511.5198	-.032417
#2	-0.009628	-0.008420	38.15629	.3767820	511.3850	-.030762
#3	-0.009464	-0.007755	38.56224	.3774907	512.1442	-.031298

Elem	Sr4077
Units	ppm
Avg	1.628055
Stddev	.005347
%RSD	.3284580
#1	1.634164
#2	1.625780
#3	1.624222

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3272.683	70552.72	15653.64	1964.313	3771.324
Stddev	5.698	183.10	148.12	9.009	12.967
%RSD	.1741228	.2595182	.9462166	.4586225	.3438196
#1	3266.111	70549.41	15549.42	1958.310	3758.811
#2	3276.253	70737.46	15588.30	1974.672	3784.701
#3	3275.685	70371.31	15823.19	1959.958	3770.459

Sample Name: Q1640-04 Acquired: 3/27/2025 11:40:12 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.0265489	.0008845	1.272996	-.008280	-.002535	48.81270
Stddev	.0014320	.0009807	.000954	.002316	.000546	.10197
%RSD	5.393892	110.8849	.0749634	27.97448	21.54657	.2089039
#1	.0278941	.0011235	1.272015	-.008532	-.002295	48.83641
#2	.0250435	-.000194	1.273922	-.005848	-.002150	48.90072
#3	.0267091	.001724	1.273051	-.010460	-.003160	48.70096
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1398108	.0178150	.0299687	148.3358	.0654772	.4521442
Stddev	.0010371	.0000230	.0001384	.4111	.0001721	.0009681
%RSD	.7417835	.1290560	.4618043	.2771242	.2629032	.2141155
#1	.1395181	.0177969	.0301234	148.8102	.0653093	.4510539
#2	.1409629	.0178074	.0298566	148.1137	.0654691	.4524759
#3	.1389516	.0178409	.0299261	148.0836	.0656533	.4529029
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4954469	18.92857	12.89178	44.94989	.2381349	-.000595
Stddev	.0002851	.10564	.06182	.09457	.0005266	.000159
%RSD	.0575406	.5580745	.4794980	.2103789	.2211495	26.65328
#1	.4955909	18.88808	12.84159	44.84338	.2375375	-.000438
#2	.4951185	19.04846	12.96083	44.98232	.2383348	-.000755
#3	.4956312	18.84917	12.87291	45.02398	.2385323	-.000592
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.20315	.1563306	3.139380	14.95473	.6346843	-.000412
Stddev	.07665	.0005647	.005284	.12728	.0021138	.000206
%RSD	.6841879	.3612055	.1683206	.8511144	.3330539	50.06470
#1	11.20702	.1557068	3.139622	14.96118	.6340261	-.000650
#2	11.27779	.1568069	3.133979	15.07867	.6329779	-.000283
#3	11.12464	.1564781	3.144539	14.82435	.6370490	-.000302

Sample Name: Q1640-04 Acquired: 3/27/2025 11:40:12 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	-.009326	.0581265	F 39.90586	4.714370	F 485.9101	.0485402
Stddev	.000865	.0002882	.23103	.036361	1.4029	.0006204
%RSD	9.274614	.4958053	.5789413	.7712809	.2887177	1.278089
#1	-.009850	.0579569	39.84220	4.672418	484.6114	.0489550
#2	-.008328	.0579633	40.16205	4.736811	487.3980	.0488387
#3	-.009801	.0584592	39.71333	4.733881	485.7208	.0478270

Elem	Sr4077
Units	ppm
Avg	.6998209
Stddev	.0051459
%RSD	.7353112
#1	.6941624
#2	.7042205
#3	.7010799

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5528.979	119649.9	26012.72	3421.951	3969.877
Stddev	4.873	187.8	98.92	7.577	4.819
%RSD	.0881443	.1569265	.3802674	.2214370	.1213998
#1	5534.477	119860.1	26048.10	3430.690	3975.383
#2	5525.192	119498.9	26089.09	3417.963	3966.423
#3	5527.268	119590.7	25900.98	3417.201	3967.826

Sample Name: Q1640-05 Acquired: 3/27/2025 11:44:41 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.0086609	-.004861	.0700530	-.011607	.0028036	10.21144
Stddev	.0013860	.003491	.0021814	.001695	.0020125	.03300
%RSD	16.00338	71.82921	3.113871	14.60136	71.78277	.3231773

#1	.0071091	-.004479	.0682839	-.011031	.0009702	10.23392
#2	.0097759	-.008527	.0693849	-.013515	.0049569	10.17355
#3	.0090977	-.001576	.0724903	-.010276	.0024837	10.22684

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2744587	.0065055	.0225409	539.2482	.0119067	.2348487
Stddev	.0017101	.0001226	.0003070	10.3341	.0001013	.0021857
%RSD	.6230717	1.883752	1.361827	1.916394	.8509776	.9306896

#1	.2762535	.0065378	.0221944	546.9224	.0117925	.2323323
#2	.2742742	.0063700	.0227787	527.4975	.0119860	.2362749
#3	.2728483	.0066086	.0226497	543.3246	.0119414	.2359389

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1391279	3.415130	14.92068	80.72855	.1163944	-.000296
Stddev	.0003095	.063411	.03213	.35406	.0009329	.000198
%RSD	.2224298	1.856763	.2153590	.4385834	.8015040	66.90216

#1	.1393173	3.389294	14.94734	81.13732	.1153174	-.000068
#2	.1392956	3.487380	14.92969	80.51785	.1169519	-.000392
#3	.1387708	3.368715	14.88500	80.53048	.1169139	-.000428

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.40881	.0087025	3.079611	18.35817	.7721615	-.000318
Stddev	.25083	.0007000	.009010	.34066	.0139654	.000289
%RSD	1.627811	8.043458	.2925609	1.855641	1.808607	90.79603

#1	15.31009	.0079417	3.090013	18.22958	.7784790	-.000064
#2	15.69397	.0088465	3.074230	18.74441	.7561537	-.000631
#3	15.22236	.0093193	3.074592	18.10052	.7818519	-.000258

Sample Name: Q1640-05 Acquired: 3/27/2025 11:44:41 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	-0.008257	-0.010782	F 31.67312	.4613140	F 462.0387	-.057393
Stddev	.001181	.000085	.53866	.0062559	2.9415	.002411
%RSD	14.30598	.7922212	1.700695	1.356114	.6366408	4.201139
#1	-0.008755	-0.010826	31.49946	.4582200	458.6841	-.059337
#2	-.009108	-.010684	32.27719	.4572080	464.1770	-.054695
#3	-.006908	-.010837	31.24271	.4685141	463.2549	-.058147

Elem	Sr4077
Units	ppm
Avg	2.628829
Stddev	.016726
%RSD	.6362542
#1	2.646510
#2	2.613258
#3	2.626718

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3270.607	69723.55	15230.67	1994.859	3862.045
Stddev	7.291	595.78	186.04	15.351	20.116
%RSD	.2229229	.8544923	1.221480	.7695100	.5208555
#1	3265.597	69543.45	15069.99	1986.995	3883.976
#2	3267.252	69238.60	15434.49	1985.034	3844.453
#3	3278.971	70388.61	15187.52	2012.548	3857.706

Sample Name: Q1640-05DUP Acquired: 3/27/2025 11:49:07 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.0104636	-.005057	.0729102	-.011201	.0022869	10.37298
Stddev	.0011568	.001690	.0014421	.000320	.0018453	.03102
%RSD	11.05499	33.42316	1.977886	2.860760	80.69162	.2990021
#1	.0104628	-.003112	.0717811	-.011416	.0021548	10.34360
#2	.0116207	-.005890	.0745347	-.010833	.0041946	10.36993
#3	.0093072	-.006169	.0724149	-.011354	.0005111	10.40541
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2728218	.0066288	.0232199	548.4640	.0125760	.2398538
Stddev	.0012549	.0001812	.0000602	5.8314	.0003848	.0008728
%RSD	.4599739	2.733179	.2590716	1.063224	3.060043	.3638866
#1	.2713771	.0067332	.0232745	550.0272	.0122401	.2408526
#2	.2736414	.0064196	.0232300	542.0104	.0124919	.2394703
#3	.2734470	.0067336	.0231554	553.3545	.0129959	.2392383
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1399876	3.505436	14.82951	82.04953	.1195771	-.000217
Stddev	.0004084	.046527	.05358	.06791	.0004680	.000163
%RSD	.2917461	1.327284	.3613308	.0827633	.3914131	74.93033
#1	.1396931	3.452567	14.77306	82.12404	.1201046	-.000042
#2	.1404539	3.540139	14.87967	81.99112	.1194153	-.000247
#3	.1398160	3.523604	14.83580	82.03342	.1192114	-.000363
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.88211	.0082764	3.121430	18.71818	.7646573	-.000610
Stddev	.20077	.0021069	.006804	.25119	.0068899	.000130
%RSD	1.264148	25.45703	.2179795	1.341958	.9010480	21.28147
#1	15.65284	.0085093	3.114715	18.44019	.7725560	-.000672
#2	16.02654	.0060627	3.121256	18.92886	.7598841	-.000461
#3	15.96694	.0102571	3.128320	18.78548	.7615317	-.000697

Sample Name: Q1640-05DUP Acquired: 3/27/2025 11:49:07 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	-.008116	-.010218	F 32.63795	.4697123	F 470.3329	-.057563
Stddev	.000773	.000438	.33717	.0019872	1.3577	.000854
%RSD	9.523359	4.283739	1.033056	.4230774	.2886638	1.484174
#1	-.007227	-.010202	32.25008	.4676921	471.8996	-.058425
#2	-.008631	-.010664	32.80274	.4716649	469.5973	-.056716
#3	-.008489	-.009789	32.86102	.4697799	469.5017	-.057548

Elem	Sr4077
Units	ppm
Avg	2.680860
Stddev	.012974
%RSD	.4839357
#1	2.672083
#2	2.674735
#3	2.695762

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3223.976	66993.10	14962.56	1921.231	3774.062
Stddev	1.204	709.32	145.17	24.121	1.593
%RSD	.0373430	1.058801	.9702245	1.255522	.0422105
#1	3224.279	67499.93	14932.18	1930.927	3772.224
#2	3225.000	67296.89	15120.51	1938.996	3775.043
#3	3222.650	66182.47	14834.98	1893.770	3774.919

Sample Name: Q1640-05LX5 Acquired: 3/27/2025 11:53:31 Type: Unk
 Method: NON EPA-6010-200.7(v2849) 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	.0012715	-.002819	.0135141	-.002409	.0006210	2.339405
Stddev	.0010518	.001735	.0000678	.005082	.0030113	.021732
%RSD	82.71578	61.54437	.5015269	210.9788	484.8903	.9289628
#1	.0023697	-.002151	.0135173	-.008186	.0034637	2.337413
#2	.0011714	-.004788	.0135802	.001374	-.002534	2.362064
#3	.0002734	-.001517	.0134447	-.000415	.000934	2.318737
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0588429	.0016104	.0047915	128.4953	.0028102	.0492425
Stddev	.0007016	.0000496	.0000567	.6920	.0004760	.0001261
%RSD	1.192405	3.080034	1.182411	.5385516	16.93898	.2560771
#1	.0589858	.0015623	.0047871	128.7497	.0025352	.0493574
#2	.0594622	.0016077	.0048503	129.0241	.0033599	.0492624
#3	.0580809	.0016614	.0047373	127.7121	.0025356	.0491076
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0339401	.7892940	3.479987	19.11199	.0253885	.0001257
Stddev	.0002107	.0059854	.014189	.06713	.0003173	.0001599
%RSD	.6207957	.7583193	.4077252	.3512331	1.249672	127.1985
#1	.0340884	.7828533	3.487294	19.13527	.0253942	-.000028
#2	.0340329	.7903435	3.489033	19.16437	.0257028	.000114
#3	.0336989	.7946853	3.463634	19.03632	.0250684	.000291
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.483821	.0021517	.7122223	4.021104	.1946038	-.000128
Stddev	.018318	.0005328	.0040964	.044854	.0007451	.000186
%RSD	.5258053	24.76384	.5751651	1.115470	.3828567	144.9915
#1	3.462922	.0016427	.7105645	3.980685	.1954597	-.000003
#2	3.497094	.0027055	.7092146	4.069360	.1941003	-.000341
#3	3.491449	.0021067	.7168879	4.013266	.1942515	-.000040

Sample Name: Q1640-05LX5 Acquired: 3/27/2025 11:53:31 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	-.002317	-.001771	7.179215	.0959742	F 99.38005	-.014833
Stddev	.001587	.000950	.042265	.0021131	.45552	.000232
%RSD	68.48694	53.63773	.5887201	2.201710	.4583614	1.564034
#1	-.004139	-.000723	7.139247	.0980112	99.75602	-.014685
#2	-.001246	-.002577	7.174945	.0937925	99.51062	-.014714
#3	-.001565	-.002014	7.223454	.0961190	98.87350	-.015101

Elem	Sr4077
Units	ppm
Avg	.6241433
Stddev	.0041040
%RSD	.6575443
#1	.6262993
#2	.6267199
#3	.6194106

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3100.220	64653.73	13840.31	1872.695	4286.832
Stddev	17.891	195.63	113.36	12.135	15.526
%RSD	.5770939	.3025882	.8190414	.6480043	.3621703
#1	3079.732	64860.61	13766.10	1881.897	4268.943
#2	3112.758	64628.88	13784.04	1877.244	4294.756
#3	3108.171	64471.72	13970.79	1858.942	4296.797

Sample Name: Q1640-05MS Acquired: 3/27/2025 11:57:43 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.6727671	1.742796	.9353594	1.647475	.6839299	12.22711
Stddev	.0068733	.009223	.0049193	.009701	.0029762	.02456
%RSD	1.021638	.5292353	.5259274	.5888651	.4351555	.2008533
#1	.6805748	1.752759	.9319623	1.658643	.6870463	12.24900
#2	.6676299	1.741073	.9331153	1.642654	.6836261	12.23179
#3	.6700966	1.734555	.9410006	1.641129	.6811173	12.20056
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4213702	.1627236	.2020305	559.0669	.3359253	.4215803
Stddev	.0013789	.0019642	.0004813	6.1160	.0010391	.0005964
%RSD	.3272308	1.207096	.2382267	1.093965	.3093324	.1414733
#1	.4224116	.1649902	.2016171	565.2537	.3371154	.4213903
#2	.4218924	.1615171	.2019156	553.0243	.3354629	.4211020
#3	.4198065	.1616636	.2025589	558.9228	.3351977	.4222486
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3733838	5.654626	15.33586	85.84677	.5755001	.0632045
Stddev	.0009830	.053031	.08674	.83106	.0010443	.0002462
%RSD	.2632597	.9378286	.5655995	.9680767	.1814658	.3895636
#1	.3731167	5.621849	15.43020	86.80627	.5743001	.0629998
#2	.3725620	5.715809	15.31784	85.38012	.5759971	.0631360
#3	.3744727	5.626220	15.25955	85.35391	.5762032	.0634777
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.66949	.2381192	3.260211	26.30743	1.032790	.3356637
Stddev	.19020	.0014336	.008497	.27042	.013059	.0014192
%RSD	1.076437	.6020347	.2606197	1.027917	1.264393	.4227878
#1	17.47887	.2394451	3.265863	26.08201	1.047498	.3361044
#2	17.85927	.2365980	3.264329	26.60726	1.028315	.3340765
#3	17.67031	.2383145	3.250440	26.23302	1.022557	.3368102

Sample Name: Q1640-05MS Acquired: 3/27/2025 11:57:43 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.6470634	.1406035	F 31.54199	6.418380	F 469.7501	.1086087
Stddev	.0022390	.0008282	.22346	.014484	.2356	.0025034
%RSD	.3460177	.5890159	.7084411	.2256596	.0501601	2.304994
#1	.6470300	.1408286	31.37507	6.408099	469.7424	.1065282
#2	.6448413	.1412959	31.79585	6.412097	469.5184	.1113870
#3	.6493188	.1396861	31.45505	6.434945	469.9895	.1079109

Elem	Sr4077
Units	ppm
Avg	2.906416
Stddev	.006512
%RSD	.2240643
#1	2.912265
#2	2.899399
#3	2.907583

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3233.445	68886.82	14212.16	1958.479	3795.796
Stddev	10.964	171.91	188.55	7.000	9.966
%RSD	.3390913	.2495554	1.326665	.3574383	.2625488
#1	3230.918	68690.37	13998.87	1951.695	3799.706
#2	3245.452	68960.41	14356.63	1958.063	3803.214
#3	3223.965	69009.70	14280.99	1965.678	3784.468

Sample Name: Q1640-05MSD Acquired: 3/27/2025 12:01:59 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.6641589	1.776546	.9484102	1.604796	.6688249	11.97020
Stddev	.0059825	.031677	.0100365	.008286	.0019475	.08159
%RSD	.9007670	1.783062	1.058243	.5163442	.2911869	.6816257
#1	.6620242	1.784985	.9481992	1.598397	.6695198	11.92693
#2	.6595365	1.741504	.9384808	1.601835	.6666252	11.91936
#3	.6709159	1.803149	.9585505	1.614156	.6703297	12.06431
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4201612	.1650233	.2046563	560.1712	.3418909	.4229911
Stddev	.0024853	.0027461	.0018569	5.1276	.0012888	.0036245
%RSD	.5915122	1.664083	.9073089	.9153572	.3769541	.8568712
#1	.4186626	.1627087	.2050145	564.5736	.3416780	.4245614
#2	.4187911	.1643034	.2026465	554.5413	.3432728	.4188463
#3	.4230301	.1680576	.2063080	561.3988	.3407218	.4255657
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3704439	5.706518	15.34475	86.32731	.5793701	.0633226
Stddev	.0014120	.044891	.10186	.81705	.0042131	.0003121
%RSD	.3811628	.7866640	.6638218	.9464523	.7271791	.4928982
#1	.3707121	5.742152	15.27956	85.71162	.5810071	.0636749
#2	.3689170	5.721303	15.29257	86.01608	.5745842	.0632123
#3	.3717026	5.656100	15.46214	87.25424	.5825189	.0630806
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.34661	.2403648	3.230175	26.00929	1.034657	.3341041
Stddev	.19736	.0015248	.019766	.28024	.014998	.0022954
%RSD	1.137770	.6343713	.6119161	1.077471	1.449598	.6870387
#1	17.50632	.2390845	3.215902	26.24558	1.021696	.3335812
#2	17.40755	.2399582	3.252735	26.08262	1.031189	.3321153
#3	17.12596	.2420517	3.221887	25.69967	1.051085	.3366159

Sample Name: Q1640-05MSD Acquired: 3/27/2025 12:01:59 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.6608551	.1407181	F 31.45526	6.545307	F 470.0347	.1032556
Stddev	.0069355	.0010722	.30273	.046684	4.0507	.0010778
%RSD	1.049468	.7619783	.9624262	.7132379	.8617792	1.043843
#1	.6625344	.1399654	31.67751	6.556347	470.9430	.1020643
#2	.6532341	.1402431	31.57781	6.494093	465.6070	.1041633
#3	.6667966	.1419458	31.11047	6.585481	473.5541	.1035391

Elem	Sr4077
Units	ppm
Avg	2.794536
Stddev	.013900
%RSD	.4974012
#1	2.807659
#2	2.779971
#3	2.795977

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3212.349	66874.13	13843.42	1968.812	3738.715
Stddev	18.768	494.39	142.15	15.660	30.037
%RSD	.5842301	.7392776	1.026809	.7954087	.8033946
#1	3205.714	66767.42	13978.31	1975.224	3722.811
#2	3233.532	66441.82	13856.96	1950.964	3773.359
#3	3197.800	67413.16	13694.99	1980.249	3719.974

Sample Name: Q1640-05A Acquired: 3/27/2025 12:06:15 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.6485387	1.737195	.9314568	1.583749	.6602256	11.96988
Stddev	.0096397	.047965	.0247501	.012449	.0076763	.01459
%RSD	1.486376	2.761054	2.657134	.7860169	1.162680	.1219148
#1	.6494651	1.708353	.9118367	1.589252	.6585191	11.96277
#2	.6384692	1.710669	.9232709	1.569497	.6535461	11.98666
#3	.6576817	1.792564	.9592628	1.592497	.6686115	11.96020
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4265426	.1579549	.2006991	557.1514	.3313064	.4196491
Stddev	.0004600	.0047252	.0053575	13.4266	.0015639	.0101252
%RSD	.1078341	2.991499	2.669420	2.409869	.4720432	2.412785
#1	.4266016	.1621096	.1968867	570.8940	.3329775	.4126459
#2	.4269702	.1589405	.1983861	556.4956	.3298780	.4150428
#3	.4260560	.1528146	.2068246	544.0648	.3310637	.4312585
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3662075	5.889209	15.24945	85.44492	.5709991	.0621235
Stddev	.0058576	.114828	.10552	1.05111	.0139746	.0001421
%RSD	1.599545	1.949797	.6919517	1.230157	2.447396	.2287504
#1	.3634751	5.795389	15.34156	86.27956	.5603899	.0620847
#2	.3622154	5.854978	15.27246	85.79073	.5657741	.0620049
#3	.3729322	6.017259	15.13432	84.26448	.5868334	.0622810
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.63293	.2353685	3.246275	26.41573	1.011880	.3290968
Stddev	.53786	.0016234	.008640	.72763	.026684	.0049333
%RSD	3.050332	.6897055	.2661576	2.754528	2.637060	1.499030
#1	17.21916	.2370444	3.251325	25.88122	1.034707	.3270176
#2	17.43870	.2338034	3.236298	26.12159	1.018390	.3255434
#3	18.24093	.2352578	3.251201	27.24438	.982544	.3347293

Sample Name: Q1640-05A Acquired: 3/27/2025 12:06:15 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.6409271	.1372330	F 31.82961	6.393769	F 466.6640	.1007306
Stddev	.0185817	.0006104	.67750	.154896	9.5436	.0020661
%RSD	2.899183	.4447978	2.128506	2.422604	2.045063	2.051116
#1	.6289114	.1370870	31.30060	6.302414	461.4307	.0984664
#2	.6315403	.1367088	31.59500	6.306280	460.8818	.1025139
#3	.6623296	.1379031	32.59323	6.572613	477.6794	.1012113

Elem	Sr4077
Units	ppm
Avg	2.827059
Stddev	.052727
%RSD	1.865088
#1	2.869064
#2	2.844226
#3	2.767888

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3226.790	69053.01	14521.54	1980.480	3767.423
Stddev	65.872	47.94	405.05	5.446	108.231
%RSD	2.041419	.0694293	2.789305	.2749632	2.872818
#1	3281.123	69001.84	14203.37	1983.099	3855.927
#2	3245.721	69096.89	14383.74	1984.121	3799.585
#3	3153.525	69060.30	14977.51	1974.220	3646.756

Sample Name: CCV03 Acquired: 3/27/2025 12:10:32 Type: Unk
Method: NON EPA-6010-200.7(v2849) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.075139	5.284040	5.032762	5.106205	5.100346	10.27331	9.310564
Stddev	.029737	.077665	.035874	.027107	.025315	.01330	.068652
%RSD	.5859442	1.469804	.7128006	.5308731	.4963337	.1294455	.7373550

#1	5.048266	5.216793	5.027052	5.082619	5.082790	10.27103	9.240722
#2	5.070063	5.266280	5.000086	5.100177	5.088883	10.28760	9.377961
#3	5.107088	5.369047	5.071148	5.135819	5.129364	10.26129	9.313009

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2547300	2.504947	24.37436	1.054504	2.481966	1.259142	4.852918
Stddev	.0020359	.020566	.04796	.002863	.018481	.007713	.026745
%RSD	.7992225	.8210082	.1967618	.2714553	.7446291	.6125257	.5511136

#1	.2528217	2.498258	24.31914	1.052790	2.477934	1.255196	4.882429
#2	.2568731	2.488559	24.40559	1.057808	2.465833	1.254201	4.830282
#3	.2544954	2.528025	24.39834	1.052913	2.502130	1.268029	4.846041

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.307907	25.04146	2.522156	1.283505	25.58289	2.457943	2.588140
Stddev	.002031	.12289	.017036	.002881	.07135	.002563	.005096
%RSD	.0880165	.4907399	.6754676	.2244266	.2789116	.1042856	.1969017

#1	2.305681	24.90125	2.517553	1.281884	25.65977	2.459817	2.582510
#2	2.309661	25.09264	2.507894	1.286831	25.51879	2.455022	2.592437
#3	2.308379	25.13049	2.541021	1.281801	25.57012	2.458990	2.589472

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.55425	4.970835	5.090529	5.059619	4.820315	5.169980	5.075972
Stddev	.06947	.028760	.036973	.043467	.002123	.020250	.031447
%RSD	.2829337	.5785681	.7263176	.8591062	.0440369	.3916811	.6195214

#1	24.61775	4.951401	5.070614	5.040185	4.820837	5.162349	5.066592
#2	24.48005	5.003872	5.067782	5.029259	4.822129	5.154654	5.050283
#3	24.56496	4.957231	5.133191	5.109413	4.817981	5.192936	5.111042

Sample Name: CCV03 Acquired: 3/27/2025 12:10:32 Type: Unk
Method: NON EPA-6010-200.7(v2849) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.033497	4.760158	5.233739
Stddev	.037801	.010020	.068565
%RSD	.7509878	.2104923	1.310052
#1	5.023192	4.769222	5.270070
#2	5.001917	4.761853	5.276494
#3	5.075382	4.749399	5.154655

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3047.987	62120.28	12322.83	1804.525	4262.887
Stddev	19.186	7.44	51.72	5.464	30.833
%RSD	.6294685	.0119709	.4196795	.3027985	.7232978
#1	3050.586	62114.18	12365.49	1799.058	4264.308
#2	3065.740	62128.56	12265.31	1809.987	4292.985
#3	3027.633	62118.08	12337.68	1804.530	4231.368

Sample Name: CCB03 Acquired: 3/27/2025 12:14:43 Type: Unk
Method: NON EPA-6010-200.7(v2849) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000291	-.001710	-.001510	.0025017	.0005737	-.001869
Stddev	.003759	.000478	.000698	.0025568	.0009624	.000875
%RSD	1293.895	27.92712	46.21882	102.2029	167.7490	46.82663
#1	-.002535	-.001594	-.001619	.0051681	.0015661	-.002234
#2	-.002385	-.001301	-.002148	.0000709	.0005104	-.002503
#3	.004049	-.002235	-.000764	.0022660	-.000355	-.000870
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002520	.0000845	.0000795	-.005699	.0000627	-.000121
Stddev	.001362	.0000621	.0000535	.006657	.0003873	.000177
%RSD	54.04342	73.53008	67.32285	116.8194	618.1146	146.1719
#1	-.003893	.0000365	.0000326	-.007756	-.000050	-.000125
#2	-.002497	.0001546	.0001378	.001744	-.000256	-.000297
#3	-.001170	.0000623	.0000681	-.011085	.000494	.000058
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000564	-.013278	-.000386	-.010196	.0002623	.0006043
Stddev	.000130	.003205	.000099	.003498	.0000627	.0002723
%RSD	23.08294	24.13764	25.69383	34.31303	23.91357	45.05640
#1	-.000583	-.010949	-.000375	-.013981	.0002757	.0007514
#2	-.000683	-.011951	-.000490	-.009523	.0001940	.0007715
#3	-.000425	-.016933	-.000293	-.007082	.0003173	.0002901
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0889052	-.000192	-.002144	.0544682	.0095696	-.000035
Stddev	.0101989	.000654	.000148	.0145481	.0007106	.000374
%RSD	11.47161	340.2358	6.890693	26.70945	7.425582	1055.792
#1	.0812284	.000559	-.002174	.0398902	.0102532	.000371
#2	.0850094	-.000631	-.002275	.0545280	.0096207	-.000114
#3	.1004777	-.000505	-.001984	.0689863	.0088348	-.000364

Sample Name: CCB03 Acquired: 3/27/2025 12:14:43 Type: Unk
Method: NON EPA-6010-200.7(v2849) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027212	.0010771	.0126062	-.001599	F .0387640	-.000568
Stddev	.0000507	.0003581	.0016403	.001494	.0035093	.001049
%RSD	1.862802	33.24335	13.01169	93.42797	9.053091	184.6098
#1	.0026677	.0009067	.0130936	.000110	.0420797	.000606
#2	.0027273	.0014885	.0139474	-.002657	.0391234	-.001414
#3	.0027686	.0008361	.0107774	-.002252	.0350887	-.000897

Elem	Sr4077
Units	ppm
Avg	.0001490
Stddev	.0000277
%RSD	18.56888
#1	.0001523
#2	.0001749
#3	.0001199

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3134.189	65002.03	13229.79	1888.937	4670.551
Stddev	3.339	221.96	43.66	13.357	5.057
%RSD	.1065386	.3414592	.3299994	.7070966	.1082686
#1	3137.922	64758.61	13253.65	1874.044	4676.289
#2	3131.487	65054.26	13256.32	1899.856	4668.619
#3	3133.158	65193.21	13179.40	1892.909	4666.745

Sample Name: PB167335BL Acquired: 3/27/2025 12:19:03 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.0011061	-.000374	.0002736	-.001663	.0001595	-.000841
Stddev	.0012322	.001098	.0013186	.001140	.0002014	.001225
%RSD	111.4070	293.4108	481.9734	68.54551	126.2541	145.5630
#1	.0011298	-.000305	-.000362	-.002935	.0000935	-.001534
#2	-.000138	.000687	.001790	-.000734	-.000001	-.001563
#3	.002326	-.001505	-.000607	-.001321	.000386	.000573
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002850	.0000935	.0000378	-.009593	-.000201	-.000014
Stddev	.000788	.0000540	.0000104	.005782	.000293	.000013
%RSD	27.63821	57.75891	27.60111	60.27929	145.6684	89.60571
#1	-.003186	.0000937	.0000413	-.003538	-.000535	-.000028
#2	-.003413	.0001474	.0000460	-.010183	-.000083	-.000013
#3	-.001950	.0000394	.0000261	-.015057	.000015	-.000002
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000652	-.011739	-.000293	-.011417	.0001704	.0003246
Stddev	.000434	.003390	.000144	.012634	.0003099	.0001441
%RSD	66.49966	28.87556	49.24308	110.6545	181.8316	44.38229
#1	-.000985	-.007912	-.000131	.002739	-.000187	.0001666
#2	-.000810	-.014363	-.000409	-.015443	.000359	.0004486
#3	-.000162	-.012942	-.000338	-.021547	.000340	.0003586
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0864551	-.000154	-.002032	.0711054	.0059104	.0000358
Stddev	.0109618	.000806	.000354	.0352874	.0003081	.0001251
%RSD	12.67917	523.3735	17.42181	49.62693	5.212191	349.5133
#1	.0743329	-.001005	-.001945	.0355684	.0057499	.0001410
#2	.0893618	.000598	-.001730	.1061378	.0062656	.0000689
#3	.0956706	-.000055	-.002422	.0716099	.0057158	-.000103

Sample Name: PB167335BL Acquired: 3/27/2025 12:19:03 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.0029984	.0006816	.0064185	-.000895	F .0253787	-.001764
Stddev	.0002198	.0003701	.0024312	.000740	.0006897	.000775
%RSD	7.330480	54.30526	37.87821	82.66194	2.717694	43.93510
#1	.0032372	.0010739	.0048700	-.001233	.0250832	-.002294
#2	.0028046	.0003386	.0092206	-.001405	.0248860	-.000875
#3	.0029534	.0006322	.0051648	-.000047	.0261669	-.002124

Elem	Sr4077
Units	ppm
Avg	.0000678
Stddev	.0000358
%RSD	52.87614
#1	.0000876
#2	.0000893
#3	.0000264

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3167.701	65712.08	13058.91	1936.602	4750.259
Stddev	1.995	158.06	19.72	5.591	4.725
%RSD	.0629728	.2405416	.1509741	.2886860	.0994780
#1	3165.866	65545.32	13037.60	1930.208	4753.441
#2	3169.824	65731.21	13062.63	1940.573	4744.829
#3	3167.411	65859.71	13076.50	1939.023	4752.506

Sample Name: PB167335BS Acquired: 3/27/2025 12:23:22 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.7395847	1.954429	.9117345	1.870606	.7694195	1.862198
Stddev	.0096249	.001540	.0048013	.000151	.0013690	.002247
%RSD	1.301391	.0788139	.5266059	.0080581	.1779227	.1206555
#1	.7288037	1.952738	.9062290	1.870600	.7684904	1.861327
#2	.7426371	1.955751	.9150520	1.870759	.7687765	1.864750
#3	.7473132	1.954799	.9139225	1.870458	.7709916	1.860517
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1671674	.1926653	.1826836	.9301780	.3944979	.1849568
Stddev	.0007974	.0008730	.0009920	.0111735	.0007725	.0012144
%RSD	.4769830	.4531365	.5430400	1.201223	.1958144	.6566030
#1	.1672626	.1936590	.1815918	.9177576	.3953080	.1836711
#2	.1679128	.1920214	.1829294	.9333638	.3937696	.1851149
#3	.1663267	.1923155	.1835297	.9394126	.3944163	.1860845
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2933218	2.735684	.1786610	1.857062	.4697757	.0736124
Stddev	.0017443	.006011	.0003614	.007678	.0014999	.0002948
%RSD	.5946630	.2197431	.2022579	.4134308	.3192899	.4004407
#1	.2914530	2.734826	.1790753	1.852972	.4682659	.0732986
#2	.2936056	2.730148	.1784110	1.852295	.4697955	.0736551
#3	.2949068	2.742079	.1784967	1.865919	.4712656	.0738835
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.875646	.2742769	.1967055	8.961870	.2897189	.3882235
Stddev	.013456	.0017717	.0004633	.030083	.0017437	.0010108
%RSD	.4679337	.6459361	.2355244	.3356820	.6018634	.2603650
#1	2.860163	.2733769	.1971739	8.963838	.2908990	.3875502
#2	2.884517	.2763179	.1966949	8.990920	.2905417	.3877344
#3	2.882258	.2731359	.1962475	8.930850	.2877161	.3893858

Sample Name: PB167335BS Acquired: 3/27/2025 12:23:22 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.6558105	.1802121	F .7306624	5.448734	F .0112143	.1858845
Stddev	.0039198	.0002973	.0060099	.028224	.0012880	.0015496
%RSD	.5977068	.1649562	.8225320	.5179842	11.48557	.8336149
#1	.6513787	.1805441	.7322918	5.416790	.0097336	.1873959
#2	.6572296	.1799704	.7240058	5.459112	.0120761	.1842994
#3	.6588230	.1801220	.7356896	5.470299	.0118332	.1859582

Elem	Sr4077
Units	ppm
Avg	.1886583
Stddev	.0007067
%RSD	.3746107
#1	.1883553
#2	.1894660
#3	.1881535

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3159.988	64536.95	12541.00	1928.930	4649.453
Stddev	6.526	252.68	54.89	9.539	17.363
%RSD	.2065245	.3915285	.4377128	.4945365	.3734523
#1	3165.743	64392.04	12482.22	1923.675	4667.303
#2	3161.324	64828.72	12590.94	1939.942	4648.435
#3	3152.897	64390.09	12549.83	1923.174	4632.621

Sample Name: LR1 Acquired: 3/27/2025 12:41:05 Type: Unk
Method: NON EPA-6010-200.7(v2850) 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	.0338574	.0879743	.0408370	-.124732	-.007726	2097.810	.0221199
Stddev	.0065733	.0075199	.0053138	.005299	.006474	10.432	.0007891
%RSD	19.41476	8.547792	13.01218	4.248391	83.79878	.4972963	3.567586
#1	.0408486	.0940460	.0347948	-.130803	-.014089	2086.693	.0228375
#2	.0329213	.0795627	.0429335	-.121032	-.007942	2099.352	.0212747
#3	.0278023	.0903144	.0447828	-.122362	-.001146	2107.386	.0222475
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088037	.0024100	1857.463	.0242319	.0276477	-.035457	990.2277
Stddev	.0002670	.0007112	12.933	.0007684	.0002035	.001248	5.2587
%RSD	3.032332	29.50883	.6962761	3.170923	.7358530	3.520840	.5310624
#1	.0090766	.0030315	1845.125	.0249835	.0278163	-.034021	987.2350
#2	.0085431	.0025640	1856.344	.0234477	.0274217	-.036287	987.1484
#3	.0087915	.0016344	1870.919	.0242646	.0277051	-.036062	996.2998
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.027459	1705.216	.0158824	-.009924	1892.472	.0152371	.2047315
Stddev	.000220	3.256	.0007379	.000541	10.203	.0002583	.0023495
%RSD	.7995222	.1909707	4.646286	5.454765	.5391410	1.694942	1.147616
#1	-.027483	1703.908	.0150642	-.010190	1880.849	.0155185	.2020477
#2	-.027666	1702.818	.0164976	-.010280	1896.613	.0151818	.2057296
#3	-.027229	1708.924	.0160855	-.009301	1899.953	.0150109	.2064172
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1344.517	1.852048	-.008241	-.006222	-.039353	.1569631	.0739576
Stddev	8.022	.012103	.001215	.001612	.000827	.0087728	.0075889
%RSD	.5966771	.6535099	14.74161	25.91411	2.100824	5.589085	10.26115
#1	1344.684	1.849661	-.008993	-.007423	-.038408	.1485823	.0690431
#2	1336.412	1.841316	-.008890	-.006853	-.039709	.1562257	.0701317
#3	1352.454	1.865167	-.006839	-.004389	-.039943	.1660814	.0826979

Sample Name: LR1 Acquired: 3/27/2025 12:41:05 Type: Unk
Method: NON EPA-6010-200.7(v2850) 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	-.203895	.1065166	-.859013
Stddev	.011705	.0003556	.004770
%RSD	5.740593	.3338377	.5552310
#1	-.190511	.1069267	-.856297
#2	-.208957	.1063295	-.856221
#3	-.212217	.1062936	-.864520

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2146.388	44086.23	10813.18	1273.930	2522.577
Stddev	1.548	364.88	28.37	12.813	2.321
%RSD	.0721053	.8276442	.2623414	1.005758	.0920037
#1	2144.689	44304.00	10829.38	1281.393	2523.087
#2	2147.718	44289.70	10829.74	1281.262	2524.601
#3	2146.758	43664.99	10780.42	1259.136	2520.044

Sample Name: LR2 Acquired: 3/27/2025 12:46:02 Type: Unk
Method: NON EPA-6010-200.7(v2850) 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	.0105408	-.024510	244.2775	.0036184	-.007716	.1826545	103.0561
Stddev	.0013837	.001027	1.2468	.0022233	.000881	.0098360	.7689
%RSD	13.12695	4.191041	.5104181	61.44433	11.41246	5.385035	.7461328
#1	.0089439	-.024137	243.0637	.0010527	-.007906	.1903731	102.1749
#2	.0113843	-.025672	244.2138	.0049783	-.006756	.1860108	103.5910
#3	.0112942	-.023722	245.5550	.0048243	-.008486	.1715797	103.4024
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000827	-.003008	.2266421	.0113927	.0007264	240.0099	.0223403
Stddev	.000063	.000099	.0079524	.0001619	.0002444	.8301	.0055494
%RSD	7.656651	3.292782	3.508789	1.421001	33.64620	.3458500	24.84033
#1	-.000872	-.002900	.2348818	.0112177	.0004442	239.2216	.0285609
#2	-.000754	-.003030	.2260326	.0115371	.0008690	240.8763	.0205622
#3	-.000854	-.003095	.2190121	.0114232	.0008660	239.9319	.0178979
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.01975	-.012598	53.18171	.0004673	.2785355	-.010002	33.28249
Stddev	.40906	.002644	.27629	.0002302	.0253940	.001627	.22409
%RSD	.8344826	20.98912	.5195235	49.26962	9.116986	16.26748	.6732928
#1	49.17583	-.011861	52.91094	.0007311	.3049984	-.010274	33.51965
#2	49.32778	-.015533	53.17099	.0003635	.2762424	-.008256	33.25352
#3	48.55562	-.010401	53.46321	.0003072	.2543658	-.011475	33.07429
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3259638	-.001691	-.005803	-.005161	-.035461	-.000116	-.023460
Stddev	.0372064	.000432	.000152	.000315	.000280	.009899	.007366
%RSD	11.41427	25.53454	2.616634	6.094650	.7899766	8515.591	31.39964
#1	.3562090	-.001576	-.005942	-.005325	-.035311	.011004	-.016363
#2	.3372653	-.002169	-.005828	-.004798	-.035288	-.007967	-.031068
#3	.2844170	-.001329	-.005641	-.005359	-.035784	-.003386	-.022948

Sample Name: LR2 Acquired: 3/27/2025 12:46:02 Type: Unk
Method: NON EPA-6010-200.7(v2850) 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	-.021412	.0031947	.0016192
Stddev	.001608	.0007204	.0000323
%RSD	7.509130	22.55072	1.997006

#1	-.022885	.0037613	.0015824
#2	-.019696	.0023839	.0016429
#3	-.021654	.0034390	.0016324

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2853.763	63998.90	12863.01	1787.511	4461.900
Stddev	15.706	461.60	71.98	11.430	31.093
%RSD	.5503500	.7212630	.5596258	.6394130	.6968549

#1	2867.251	63466.06	12834.41	1774.890	4491.776
#2	2857.517	64276.95	12809.73	1790.479	4464.206
#3	2836.520	64253.69	12944.90	1797.163	4429.718

Sample Name: Q1654-01 Acquired: 3/27/2025 12:50:42 Type: Unk
Method: NON EPA-6010-200.7(v2850) 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	.0508633	.0068417	.4899656	-.027287	-.000453	121.1609	.9479604
Stddev	.0007949	.0019904	.0029631	.001622	.003042	.1695	.0024727
%RSD	1.562860	29.09261	.6047543	5.943442	671.5132	.1398962	.2608434

#1	.0505504	.0055835	.4886079	-.029159	.001571	121.3039	.9507680
#2	.0502725	.0058051	.4879247	-.026401	.001022	121.2052	.9461067
#3	.0517671	.0091365	.4933643	-.026302	-.003952	120.9737	.9470066

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089349	-.003840	39.60633	.2210334	.1044156	.5649271	245.9217
Stddev	.0001435	.000095	.15926	.0010693	.0002593	.0006575	.7361
%RSD	1.605562	2.481550	.4021136	.4837507	.2483677	.1163799	.2993306

#1	.0088820	-.003900	39.72517	.2220849	.1042542	.5646676	246.1620
#2	.0090973	-.003730	39.66846	.2210680	.1042778	.5656748	245.0955
#3	.0088254	-.003889	39.42537	.2199472	.1047147	.5644391	246.5077

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.323315	28.47939	.2357815	.0036968	4.523359	.2740725	1.034426
Stddev	.023455	.09579	.0007588	.0003252	.019090	.0005209	.003071
%RSD	.3709360	.3363623	.3218367	8.796795	.4220408	.1900530	.2968563

#1	6.345662	28.52634	.2349107	.0040631	4.537273	.2734713	1.031873
#2	6.325394	28.54265	.2361328	.0035851	4.501595	.2743872	1.037834
#3	6.298889	28.36918	.2363011	.0034421	4.531209	.2743591	1.033572

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.526070	.4802751	.0017273	.0057371	2.386879	5.334524	5.687252
Stddev	.025330	.0033309	.0002163	.0006158	.010891	.069689	.022645
%RSD	.3365684	.6935354	12.52132	10.73343	.4562811	1.306378	.3981682

#1	7.540303	.4809874	.0014784	.0058831	2.397520	5.404388	5.663389
#2	7.496825	.4766456	.0018338	.0062668	2.387363	5.334172	5.689925
#3	7.541083	.4831921	.0018696	.0050614	2.375754	5.265012	5.708442

Sample Name: Q1654-01 Acquired: 3/27/2025 12:50:42 Type: Unk
Method: NON EPA-6010-200.7(v2850) 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	1.282625	.2282635	-.077052
Stddev	.008630	.0006680	.000956
%RSD	.6728183	.2926537	1.240382
#1	1.272749	.2285309	-.077296
#2	1.286414	.2275032	-.075997
#3	1.288712	.2287564	-.077861

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3490.574	73627.51	15666.04	2088.268	4245.937
Stddev	2.243	80.33	69.80	9.271	9.337
%RSD	.0642625	.1091096	.4455815	.4439481	.2198983
#1	3488.067	73720.01	15662.97	2098.527	4248.207
#2	3492.390	73575.22	15597.82	2085.785	4253.930
#3	3491.266	73587.30	15737.33	2080.491	4235.675

Sample Name: Q1656-01 Acquired: 3/27/2025 12:55:19 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.0608239	.0065235	.6602436	-.036559	-.000507	162.3681
Stddev	.0011937	.0018153	.0040566	.004009	.002307	.2183
%RSD	1.962517	27.82749	.6144081	10.96491	455.4111	.1344545
#1	.0601749	.0056822	.6563462	-.036270	.000667	162.1822
#2	.0622015	.0052814	.6644425	-.032702	-.003165	162.6085
#3	.0600954	.0086068	.6599420	-.040704	.000978	162.3137
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.183373	.0109933	.0012553	77.09814	.3690174	.2084814
Stddev	.005047	.0001749	.0004768	.16070	.0010215	.0007108
%RSD	.4264973	1.590856	37.98378	.2084359	.2768092	.3409185
#1	1.177617	.0110726	.0014621	76.93607	.3692168	.2078603
#2	1.187039	.0111145	.0015938	77.25743	.3679109	.2092566
#3	1.185464	.0107928	.0007100	77.10091	.3699245	.2083274
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5202541	356.4487	8.975782	77.64385	.3903047	.0069710
Stddev	.0004538	1.1399	.040451	.27330	.0007265	.0001974
%RSD	.0872258	.3197905	.4506727	.3519904	.1861396	2.831848
#1	.5197431	355.5079	8.929915	77.46842	.3898283	.0067963
#2	.5206099	356.1220	9.006365	77.95874	.3911409	.0069315
#3	.5204095	357.7163	8.991065	77.50439	.3899450	.0071851
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.326502	.4500107	1.374279	16.14094	1.300216	.0077588
Stddev	.019672	.0009114	.004274	.09811	.002118	.0001461
%RSD	.3109382	.2025327	.3109773	.6078321	.1628630	1.882665
#1	6.319855	.4490429	1.375392	16.09411	1.298267	.0077923
#2	6.311015	.4508526	1.369559	16.07501	1.299910	.0078851
#3	6.348636	.4501367	1.377886	16.25369	1.302469	.0075988

Sample Name: Q1656-01 Acquired: 3/27/2025 12:55:19 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.0177786	5.574649	3.702889	F 10.85683	4.635912	.4275193
Stddev	.0008533	.018124	.046393	.03336	.009743	.0011714
%RSD	4.799374	.3251197	1.252886	.3072752	.2101645	.2739902
#1	.0174020	5.554996	3.652158	10.86550	4.632552	.4265477
#2	.0187554	5.590706	3.713354	10.88499	4.646890	.4271902
#3	.0171785	5.578246	3.743157	10.81999	4.628293	.4288200

Elem	Sr4077
Units	ppm
Avg	-.007992
Stddev	.000932
%RSD	11.65622
#1	-.007139
#2	-.007851
#3	-.008986

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3468.092	72678.50	16654.64	2071.896	4013.776
Stddev	1.069	118.12	54.21	2.192	6.357
%RSD	.0308144	.1625210	.3254711	.1058071	.1583715
#1	3467.172	72674.91	16683.68	2072.486	4014.371
#2	3467.841	72798.37	16592.10	2069.469	4007.143
#3	3469.264	72562.21	16688.14	2073.733	4019.815

Sample Name: Q1657-01 Acquired: 3/27/2025 12:59:20 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.0466231	.0045678	3.281634	-.028822	-.003193	101.8620	1.608958
Stddev	.0032771	.0026044	.003780	.004663	.001250	.2459	.006327
%RSD	7.028897	57.01675	.1151994	16.17713	39.13670	.2413729	.3932285
#1	.0454437	.0075140	3.282120	-.023740	-.002397	102.1423	1.616262
#2	.0503267	.0025721	3.277634	-.032902	-.002549	101.6830	1.605162
#3	.0440990	.0036174	3.285148	-.029825	-.004634	101.7607	1.605450
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082595	-.003629	130.5384	.7866928	.1244695	.3979249	237.9420
Stddev	.0000875	.000240	.2791	.0009572	.0005210	.0015704	.5259
%RSD	1.059507	6.611561	.2137727	.1216677	.4185852	.3946518	.2210267
#1	.0081605	-.003774	130.8238	.7869442	.1249711	.3971979	238.3627
#2	.0083267	-.003762	130.2662	.7874992	.1245063	.3968498	238.1109
#3	.0082912	-.003352	130.5251	.7856351	.1239311	.3997271	237.3524
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.686724	65.53639	.2541203	.0043718	10.22622	.2872108	1.059107
Stddev	.016387	.08400	.0006497	.0003369	.00982	.0015996	.001075
%RSD	.3496402	.1281753	.2556578	7.705477	.0960066	.5569477	.1015230
#1	4.702952	65.53172	.2536800	.0047592	10.23709	.2869432	1.057907
#2	4.670183	65.45483	.2538145	.0041478	10.21801	.2857619	1.059428
#3	4.687036	65.62264	.2548665	.0042084	10.22356	.2889273	1.059985
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.40460	.5106087	.0049467	.0090179	2.970141	6.162149	7.303754
Stddev	.01737	.0022251	.0000967	.0008560	.017531	.135896	.013946
%RSD	.0997911	.4357681	1.953831	9.491928	.5902332	2.205340	.1909472
#1	17.42393	.5101173	.0048759	.0083316	2.973109	6.160073	7.299762
#2	17.39030	.5130383	.0050568	.0087452	2.951315	6.027303	7.292239
#3	17.39957	.5086704	.0049073	.0099770	2.985998	6.299072	7.319261

Sample Name: Q1657-01 Acquired: 3/27/2025 12:59:20 Type: Unk
Method: NON EPA-6010-200.7(v2849) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.131521	.3235950	.1598713
Stddev	.007312	.0020672	.0002700
%RSD	.3430413	.6388303	.1688981
#1	2.124662	.3257138	.1595717
#2	2.139215	.3234876	.1599463
#3	2.130686	.3215835	.1600959

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3398.580	72581.86	16164.29	2088.075	4011.007
Stddev	6.950	61.13	37.50	3.702	5.065
%RSD	.2044839	.0842173	.2319936	.1772740	.1262718
#1	3391.637	72601.56	16133.24	2089.810	4010.798
#2	3405.536	72513.32	16205.95	2083.825	4016.172
#3	3398.566	72630.71	16153.67	2090.590	4006.049

Sample Name: Q1661-02 Acquired: 3/27/2025 13:03:27 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.0361930	.0084277	.3400039	-.017122	-.000794	89.13647	.3325557
Stddev	.0009051	.0023147	.0021655	.005329	.000590	.10037	.0019533
%RSD	2.500898	27.46499	.6368968	31.12471	74.34545	.1126011	.5873667
#1	.0355712	.0068874	.3375260	-.023089	-.001450	89.02492	.3305081
#2	.0357764	.0073063	.3415332	-.012836	-.000306	89.21947	.3343986
#3	.0372314	.0110896	.3409524	-.015442	-.000625	89.16501	.3327605
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058722	-.003987	58.03322	.1266970	.0738275	.1725143	168.1475
Stddev	.0000744	.000114	.13130	.0002569	.0000405	.0012883	.2777
%RSD	1.266055	2.859741	.2262582	.2028099	.0547972	.7467603	.1651760
#1	.0058887	-.003917	57.92264	.1264026	.0738540	.1713316	167.9520
#2	.0057910	-.004119	58.17835	.1268759	.0737809	.1723243	168.4654
#3	.0059370	-.003926	57.99868	.1268127	.0738476	.1738870	168.0250
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.954747	26.64645	.1568489	.0023244	1.831810	.1573543	.6918064
Stddev	.016396	.03677	.0002332	.0001906	.004320	.0012815	.0023911
%RSD	.4145803	.1379800	.1486971	8.200590	.2358125	.8143939	.3456370
#1	3.945620	26.65993	.1565881	.0021312	1.836795	.1558969	.6892089
#2	3.973675	26.67457	.1569208	.0023295	1.829168	.1578608	.6922945
#3	3.944946	26.60484	.1570377	.0025123	1.829467	.1583050	.6939159
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.767896	.3303824	.0007425	-.000118	1.436234	4.606234	5.966506
Stddev	.018317	.0005604	.0002684	.000563	.007498	.045019	.007529
%RSD	.3841664	.1696203	36.15046	477.5264	.5220661	.9773485	.1261853
#1	4.747765	.3308688	.0006429	-.000728	1.431164	4.605872	5.960357
#2	4.783579	.3297696	.0005381	-.000008	1.444847	4.651434	5.964259
#3	4.772345	.3305088	.0010465	.000382	1.432691	4.561398	5.974903

Sample Name: Q1661-02 Acquired: 3/27/2025 13:03:27 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.9896158	.1778316	.1855532
Stddev	.0069434	.0015854	.0002737
%RSD	.7016300	.8914983	.1475198
#1	.9916548	.1772447	.1856095
#2	.9953114	.1796267	.1852556
#3	.9818811	.1766234	.1857944

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3482.738	72374.95	15485.37	2120.400	4311.253
Stddev	5.233	35.94	19.58	3.055	7.109
%RSD	.1502480	.0496563	.1264341	.1440551	.1648903
#1	3488.154	72368.65	15501.86	2118.870	4318.432
#2	3482.351	72413.62	15463.73	2123.917	4311.112
#3	3477.710	72342.57	15490.50	2118.412	4304.216

Sample Name: Q1662-01 Acquired: 3/27/2025 13:07:31 Type: Unk
 Method: NON EPA-6010-200.7(v2849) 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	.0303658	.0057696	.1146636	-.019834	-.003395	92.72484
Stddev	.0014619	.0027099	.0028692	.002894	.002121	.08864
%RSD	4.814187	46.96946	2.502317	14.58866	62.47582	.0955951
#1	.0288123	.0062657	.1123030	-.023114	-.002471	92.69212
#2	.0317143	.0081971	.1138306	-.017641	-.001892	92.65721
#3	.0305708	.0028458	.1178572	-.018748	-.005821	92.82519
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6440229	.0083428	-.004902	20.89143	.1451899	.0893466
Stddev	.0013793	.0001429	.000465	.05045	.0004381	.0003116
%RSD	.2141736	1.712664	9.482399	.2415073	.3017207	.3487126
#1	.6426169	.0084763	-.005055	20.86573	.1451283	.0890026
#2	.6440778	.0081921	-.005270	20.85900	.1456555	.0894273
#3	.6453739	.0083601	-.004379	20.94956	.1447858	.0896098
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2426669	187.4348	4.706432	25.73018	.1869352	.0030596
Stddev	.0004135	.7557	.003741	.07127	.0010898	.0003604
%RSD	.1704165	.4032014	.0794913	.2769886	.5829725	11.77890
#1	.2425066	187.2379	4.703020	25.77986	.1866405	.0027064
#2	.2423575	188.2696	4.705843	25.64852	.1860230	.0034268
#3	.2431366	186.7971	4.710432	25.76215	.1881420	.0030456
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.392891	.1819271	.4763705	9.980302	.3826545	.0004337
Stddev	.028364	.0004388	.0011955	.090611	.0027452	.0001740
%RSD	.5259536	.2412130	.2509582	.9079029	.7174006	40.12221
#1	5.381774	.1814786	.4754549	9.957578	.3823268	.0005022
#2	5.425130	.1819472	.4759335	10.08011	.3855488	.0002358
#3	5.371769	.1823556	.4777230	9.90322	.3800878	.0005630

Sample Name: Q1662-01 Acquired: 3/27/2025 13:07:31 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	-.002866	2.056579	F 15.98738	7.197704	.1412912	.1891695
Stddev	.000256	.002917	.23751	.028121	.0047982	.0018881
%RSD	8.941242	.1418288	1.485621	.3906985	3.395992	.9981178
#1	-.003118	2.053733	15.82776	7.206812	.1374218	.1885246
#2	-.002873	2.059562	16.26033	7.166158	.1466601	.1912956
#3	-.002606	2.056440	15.87405	7.220143	.1397917	.1876883

Elem	Sr4077
Units	ppm
Avg	-.063998
Stddev	.001042
%RSD	1.627609
#1	-.063680
#2	-.065162
#3	-.063153

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3497.173	73976.15	15674.96	2146.058	4261.537
Stddev	11.971	147.55	83.57	2.238	23.087
%RSD	.3423164	.1994544	.5331351	.1042724	.5417555
#1	3501.363	73847.93	15638.36	2148.415	4270.610
#2	3506.487	73943.11	15770.59	2145.794	4278.709
#3	3483.670	74137.42	15615.94	2143.963	4235.291

Sample Name: Q1662-05 Acquired: 3/27/2025 13:11:35 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.0272812	.0061741	.1843098	-.019123	-.002139	85.56166
Stddev	.0011832	.0015077	.0009945	.002812	.002940	.10078
%RSD	4.337020	24.41995	.5395835	14.70347	137.4545	.1177837
#1	.0259236	.0066288	.1833453	-.017945	-.002204	85.62237
#2	.0280926	.0074022	.1842522	-.017092	.000833	85.61729
#3	.0278274	.0044914	.1853318	-.022332	-.005046	85.44533
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4358230	.0069591	-.004470	21.83832	.1377332	.0812373
Stddev	.0006183	.0000881	.000176	.03479	.0014080	.0001997
%RSD	.1418742	1.265991	3.939215	.1592879	1.022255	.2457592
#1	.4361911	.0068637	-.004655	21.86107	.1393176	.0812062
#2	.4361688	.0069764	-.004448	21.85562	.1366253	.0810550
#3	.4351092	.0070374	-.004305	21.79828	.1372568	.0814506
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7486865	165.4130	3.284921	21.77571	.1638274	.0028274
Stddev	.0030295	.8060	.003392	.05733	.0009953	.0000235
%RSD	.4046469	.4872664	.1032652	.2632668	.6075130	.8311017
#1	.7475664	166.3429	3.288704	21.76206	.1634993	.0028525
#2	.7463765	164.9826	3.283912	21.83862	.1630377	.0028238
#3	.7521166	164.9136	3.282149	21.72643	.1649453	.0028060
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.49215	.1717032	.5802199	8.028541	.3319387	.0006383
Stddev	.08981	.0012947	.0026595	.034701	.0025614	.0002029
%RSD	.7814773	.7540113	.4583568	.4322164	.7716347	31.78256
#1	11.59434	.1731805	.5832626	8.067155	.3348707	.0004101
#2	11.45637	.1711633	.5783390	8.018500	.3301365	.0007067
#3	11.42575	.1707659	.5790581	7.999968	.3308088	.0007981

Sample Name: Q1662-05 Acquired: 3/27/2025 13:11:35 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.0005495	1.873178	F 10.64789	5.033095	.7564859	.1707341
Stddev	.0013363	.030806	.15863	.017812	.0054954	.0012176
%RSD	243.1937	1.644586	1.489816	.3538902	.7264398	.7131447
#1	-.000576	1.839116	10.82978	5.026828	.7545051	.1719339
#2	.002026	1.899088	10.57570	5.019264	.7522556	.1707690
#3	.000199	1.881331	10.53820	5.053193	.7626972	.1694995

Elem	Sr4077
Units	ppm
Avg	.0150293
Stddev	.0006403
%RSD	4.260446
#1	.0143274
#2	.0155815
#3	.0151790

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3457.950	74595.56	15706.12	2106.420	4313.170
Stddev	10.305	91.63	60.54	7.472	12.051
%RSD	.2979977	.1228410	.3854840	.3547206	.2793915
#1	3468.678	74539.12	15773.95	2099.152	4322.568
#2	3457.043	74546.27	15657.55	2106.029	4317.357
#3	3448.128	74701.29	15686.87	2114.080	4299.584

Sample Name: CCV04 Acquired: 3/27/2025 13:15:41 Type: Unk
Method: NON EPA-6010-200.7(v2849) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.022380	5.094616	4.909985	5.080725	5.088613	9.943312	9.417581
Stddev	.012556	.041778	.010126	.009251	.013475	.008285	.047929
%RSD	.2500056	.8200373	.2062287	.1820866	.2648094	.0833198	.5089305

#1	5.033223	5.138293	4.898483	5.091263	5.097398	9.939429	9.366707
#2	5.025294	5.090516	4.917557	5.073940	5.073099	9.952825	9.424149
#3	5.008623	5.055040	4.913914	5.076973	5.095343	9.937682	9.461888

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2362766	2.445724	23.66735	1.021685	2.438149	1.247392	5.006451
Stddev	.0003800	.002562	.04367	.001489	.003068	.001160	.015391
%RSD	.1608265	.1047524	.1845092	.1457778	.1258462	.0930302	.3074199

#1	.2359681	2.442949	23.63179	1.020230	2.435970	1.247739	5.024199
#2	.2361608	2.447999	23.71609	1.023206	2.436819	1.246097	4.998369
#3	.2367011	2.446223	23.65417	1.021619	2.441658	1.248339	4.996784

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.262957	23.70936	2.468684	1.267871	26.53737	2.406407	2.570170
Stddev	.003411	.01532	.000987	.001636	.05219	.005052	.013216
%RSD	.1507122	.0646281	.0399707	.1290621	.1966649	.2099299	.5141943

#1	2.262693	23.72232	2.469285	1.267114	26.57561	2.403413	2.565344
#2	2.266491	23.71331	2.467546	1.266749	26.55858	2.412239	2.560046
#3	2.259686	23.69245	2.469223	1.269748	26.47791	2.403568	2.585121

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.73954	4.673563	5.025156	4.931099	4.761659	5.221136	4.882481
Stddev	.03437	.006725	.002905	.011973	.010646	.023796	.004556
%RSD	.1335140	.1439030	.0578167	.2428036	.2235749	.4557589	.0933116

#1	25.73967	4.666084	5.028362	4.921554	4.766800	5.200106	4.877232
#2	25.77384	4.675492	5.022698	4.944533	4.768759	5.246966	4.885413
#3	25.70511	4.679113	5.024407	4.927210	4.749419	5.216336	4.884798

Sample Name: CCV04 Acquired: 3/27/2025 13:15:41 Type: Unk
Method: NON EPA-6010-200.7(v2849) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.891594	4.695618	5.172094
Stddev	.011414	.012383	.063574
%RSD	.2333309	.2637141	1.229176
#1	4.886791	4.700468	5.143229
#2	4.883366	4.704842	5.244980
#3	4.904624	4.681544	5.128074

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3044.103	62480.88	13171.23	1804.853	4282.459
Stddev	3.223	41.94	11.90	8.949	5.867
%RSD	.1058898	.0671216	.0903558	.4958442	.1369908
#1	3042.826	62517.09	13183.27	1800.021	4287.102
#2	3047.770	62490.61	13159.47	1815.180	4284.409
#3	3041.714	62434.92	13170.96	1799.359	4275.866

Sample Name: CCB04 Acquired: 3/27/2025 13:19:52 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	-.000155	-.000330	-.000555	.0008471	.0007681	-.004599	-.005926
Stddev	.001791	.002284	.000596	.0015022	.0012498	.000256	.001005
%RSD	1156.809	692.5968	107.3832	177.3212	162.7108	5.572279	16.96729
#1	.000999	.001569	-.000951	-.000776	.0002844	-.004626	-.006312
#2	.000754	-.002865	-.000844	.001129	.0021874	-.004841	-.006681
#3	-.002217	.000307	.000130	.002188	-.000168	-.004330	-.004785
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001329	.0000667	-.002539	-.000002	.0001943	-.000557	-.013593
Stddev	.0000697	.0000934	.008904	.000174	.0000675	.000068	.002758
%RSD	52.47884	140.0029	350.7347	7141.682	34.72666	12.11250	20.28737
#1	.0001952	-.000004	.007378	-.000203	.0002401	-.000626	-.010490
#2	.0000576	.000031	-.009850	.000105	.0002261	-.000492	-.014524
#3	.0001458	.000173	-.005144	.000091	.0001168	-.000554	-.015764
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000066	-.011234	.0002900	.0002069	.1362920	-.000334	-.001866
Stddev	.000263	.007185	.0002404	.0000500	.0101001	.000868	.000241
%RSD	400.1278	63.95774	82.88212	24.13836	7.410641	259.7574	12.89457
#1	-.000186	-.019377	.0003372	.0001847	.1336964	.000619	-.002041
#2	.000236	-.005789	.0005033	.0001719	.1277431	-.000542	-.001965
#3	-.000247	-.008535	.0000295	.0002641	.1474367	-.001079	-.001591
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1012764	.0035858	.0001575	.0023446	.0009979	.0109380	.0002905
Stddev	.0124531	.0002771	.0002558	.0006297	.0002683	.0010874	.0014595
%RSD	12.29617	7.727027	162.3965	26.85916	26.88890	9.941760	502.3184
#1	.0923553	.0038837	-.000059	.0029701	.0007021	.0119599	.0019663
#2	.0959700	.0035381	.000092	.0017107	.0010658	.0110588	-.000702
#3	.1155037	.0033357	.000440	.0023528	.0012257	.0097952	-.000392

Sample Name: CCB04 Acquired: 3/27/2025 13:19:52 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.0046925	-.001252	.0001942
Stddev	.0020893	.000470	.0000314
%RSD	44.52284	37.52873	16.17477
#1	.0057859	-.000711	.0002222
#2	.0060082	-.001553	.0002002
#3	.0022835	-.001492	.0001602

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3203.917	67465.16	13330.72	1962.994	4821.911
Stddev	11.672	50.76	74.67	4.479	17.035
%RSD	.3643108	.0752400	.5601521	.2281467	.3532854
#1	3191.325	67409.04	13313.70	1968.162	4803.009
#2	3206.053	67478.58	13412.44	1960.572	4826.647
#3	3214.374	67507.86	13266.03	1960.249	4836.077

Sample Name: Q1662-05DUP Acquired: 3/27/2025 13:24:12 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.0282194	.0058270	.1809417	-.018264	-.002619	82.86977	.4331347
Stddev	.0012018	.0026266	.0009888	.001068	.002024	.16678	.0016026
%RSD	4.258895	45.07731	.5464525	5.848028	77.28073	.2012556	.3700068

#1	.0290471	.0083502	.1818405	-.019356	-.003816	83.03299	.4345659
#2	.0268409	.0031079	.1798826	-.017222	-.003758	82.69964	.4314032
#3	.0287703	.0060229	.1811019	-.018215	-.000282	82.87669	.4334351

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070108	-.006238	16.97711	.1349792	.0807095	.7423044	171.1801
Stddev	.0001053	.000241	.03576	.0003840	.0004569	.0019727	.3153
%RSD	1.502505	3.865351	.2106480	.2844565	.5660463	.2657477	.1842154

#1	.0070860	-.006491	17.01797	.1345362	.0802923	.7400461	171.0386
#2	.0070561	-.006210	16.95151	.1351859	.0806385	.7431754	170.9603
#3	.0068904	-.006011	16.96184	.1352156	.0811977	.7436916	171.5414

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.328000	21.53283	.1612195	.0028510	11.33559	.1707130	.5403485
Stddev	.011705	.09475	.0008347	.0001091	.04885	.0004362	.0030316
%RSD	.3517152	.4400306	.5177216	3.827935	.4309101	.2555348	.5610476

#1	3.339642	21.64198	.1603886	.0028490	11.28136	.1709951	.5438210
#2	3.316232	21.48478	.1620579	.0027428	11.34928	.1709334	.5382289
#3	3.328125	21.47173	.1612119	.0029611	11.37613	.1702106	.5389957

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.979272	.3551225	.0005669	.0001948	1.766261	7.805763	4.913870
Stddev	.028227	.0017541	.0002771	.0011359	.019507	.070101	.008930
%RSD	.3537581	.4939495	48.89159	583.0890	1.104396	.8980675	.1817249

#1	7.948002	.3538207	.0007482	.0006446	1.772996	7.731013	4.923925
#2	7.986944	.3544296	.0007046	-.001097	1.781507	7.870035	4.906863
#3	8.002870	.3571172	.0002478	.001037	1.744279	7.816242	4.910823

Sample Name: Q1662-05DUP Acquired: 3/27/2025 13:24:12 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.6518759	.1733939	-.000771
Stddev	.0039630	.0009808	.000422
%RSD	.6079361	.5656640	54.66693
#1	.6555115	.1734120	-.000306
#2	.6524648	.1724042	-.000880
#3	.6476514	.1743656	-.001128

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3534.032	72493.75	15708.17	2131.382	4384.113
Stddev	13.731	110.17	46.84	3.381	13.667
%RSD	.3885308	.1519722	.2981954	.1586108	.3117397
#1	3548.096	72620.63	15654.58	2129.991	4394.403
#2	3533.339	72438.35	15741.26	2135.236	4389.329
#3	3520.661	72422.28	15728.69	2128.919	4368.606

Sample Name: Q1662-05LX5 Acquired: 3/27/2025 13:28:18 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.0065465	.0008577	.0385397	-.002689	-.000402	19.25016	.0934427
Stddev	.0020713	.0003596	.0015793	.004188	.000885	.00362	.0005048
%RSD	31.63941	41.92848	4.097912	155.7624	220.3341	.0187962	.5402505
#1	.0077138	.0006816	.0392469	-.005648	-.000120	19.25294	.0928598
#2	.0077706	.0006200	.0367303	.002103	.000308	19.25147	.0937294
#3	.0041550	.0012714	.0396417	-.004522	-.001394	19.24607	.0937390
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018111	-.002048	3.961033	.0315516	.0166870	.1796538	38.70550
Stddev	.0001331	.000077	.016683	.0002205	.0002483	.0006199	.15653
%RSD	7.346345	3.757733	.4211659	.6987525	1.487910	.3450406	.4044173
#1	.0016957	-.002135	3.945359	.0312972	.0165247	.1801311	38.59342
#2	.0017810	-.002018	3.959172	.0316723	.0169728	.1789532	38.63872
#3	.0019567	-.001990	3.978568	.0316854	.0165635	.1798771	38.88434
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7783173	5.031984	.0341171	.0004650	2.611111	.0400661	.1237271
Stddev	.0019735	.008596	.0002009	.0003378	.004106	.0019860	.0008206
%RSD	.2535561	.1708192	.5888155	72.65390	.1572391	4.956858	.6632011
#1	.7790106	5.035003	.0342967	.0001689	2.606488	.0379483	.1236801
#2	.7760908	5.022286	.0341545	.0003931	2.614332	.0418869	.1229310
#3	.7798506	5.038663	.0339001	.0008330	2.612513	.0403629	.1245701
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.765247	.0780248	.0000438	.0015076	.4084797	1.626087	1.023691
Stddev	.025389	.0002814	.0000703	.0008465	.0086541	.054185	.003543
%RSD	1.438261	.3606620	160.5337	56.14706	2.118601	3.332237	.3460693
#1	1.761085	.0783434	.0000964	.0011294	.4149050	1.683726	1.027728
#2	1.742196	.0778102	-.000036	.0009161	.3986392	1.576188	1.021099
#3	1.792459	.0779207	.000071	.0024772	.4118950	1.618348	1.022247

Sample Name: Q1662-05LX5 Acquired: 3/27/2025 13:28:18 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.1384546	.0389968	.0017687
Stddev	.0031718	.0001469	.0004031
%RSD	2.290862	.3766369	22.79196
#1	.1414432	.0391663	.0016749
#2	.1351268	.0389173	.0022104
#3	.1387937	.0389069	.0014207

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3245.125	66252.61	13975.77	1934.048	4579.573
Stddev	5.724	220.52	19.14	6.356	13.593
%RSD	.1764018	.3328530	.1369388	.3286201	.2968175
#1	3246.024	66347.40	13995.00	1932.404	4566.495
#2	3250.347	66409.88	13975.58	1941.064	4593.628
#3	3239.004	66000.54	13956.73	1928.675	4578.597

Sample Name: Q1662-05MS Acquired: 3/27/2025 13:32:32 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.7260838	2.003633	1.157804	1.650227	.3727525	109.8423
Stddev	.0022090	.010287	.005636	.004115	.0029635	.0923
%RSD	.3042316	.5134371	.4867905	.2493614	.7950401	.0840201
#1	.7252751	2.014928	1.153602	1.647655	.3717167	109.8728
#2	.7243930	2.001170	1.155599	1.648053	.3704460	109.9154
#3	.7285831	1.994800	1.164209	1.654973	.3760949	109.7386
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6741056	.1683794	.1920085	24.31326	.5084722	.2985696
Stddev	.0019195	.0008604	.0009447	.05573	.0019552	.0015415
%RSD	.2847443	.5109721	.4920016	.2292291	.3845136	.5162850
#1	.6718980	.1688052	.1914806	24.28769	.5107093	.2984002
#2	.6753805	.1689439	.1914458	24.37719	.5070902	.2971199
#3	.6750384	.1673892	.1930992	24.27490	.5076173	.3001888
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5267099	183.8168	4.332947	27.61247	.6976636	.0707389
Stddev	.0020060	.8723	.007050	.12627	.0027982	.0001825
%RSD	.3808542	.4745710	.1626993	.4572817	.4010776	.2579991
#1	.5250913	184.4908	4.331553	27.63362	.6966415	.0709343
#2	.5260843	182.8315	4.340589	27.72682	.6955201	.0705729
#3	.5289542	184.1280	4.326698	27.47696	.7008291	.0707094
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.86583	.4364966	.7358760	18.37754	.5760526	.3450840
Stddev	.08008	.0027620	.0028088	.07029	.0033524	.0012426
%RSD	.5047023	.6327698	.3817006	.3824814	.5819543	.3600707
#1	15.92541	.4391584	.7379984	18.43823	.5788245	.3444195
#2	15.77481	.4366872	.7369387	18.30052	.5723266	.3443149
#3	15.89729	.4336442	.7326908	18.39387	.5770068	.3465175

Sample Name: Q1662-05MS Acquired: 3/27/2025 13:32:32 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.6784406	2.259023	F 21.05768	F 11.76647	.6496413	.3724223
Stddev	.0018835	.025136	.16511	.02288	.0057140	.0006721
%RSD	.2776139	1.112686	.7840922	.1944313	.8795555	.1804787
#1	.6784489	2.288045	21.16777	11.78080	.6530151	.3721497
#2	.6765530	2.244196	21.13743	11.74008	.6430439	.3731879
#3	.6803199	2.244828	20.86783	11.77851	.6528648	.3719292

Elem	Sr4077
Units	ppm
Avg	.2202527
Stddev	.0007669
%RSD	.3481661
#1	.2207006
#2	.2206904
#3	.2193673

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3486.151	73113.00	15599.64	2085.744	4221.486
Stddev	17.341	266.39	66.58	11.330	22.105
%RSD	.4974289	.3643530	.4267977	.5432022	.5236399
#1	3495.274	72809.64	15584.74	2074.168	4228.478
#2	3497.026	73308.74	15541.78	2086.255	4239.251
#3	3466.153	73220.63	15672.41	2096.810	4196.730

Sample Name: Q1662-05MSD Acquired: 3/27/2025 13:36:31 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.7234946	1.989371	1.159685	1.654609	.3680477	107.9889
Stddev	.0017264	.009523	.005338	.005539	.0028834	.1191
%RSD	.2386185	.4787175	.4602675	.3347553	.7834217	.1102515
#1	.7250349	1.999299	1.163817	1.659170	.3651118	107.8854
#2	.7238204	1.988502	1.153659	1.648446	.3681559	108.1190
#3	.7216286	1.980311	1.161580	1.656213	.3708754	107.9623
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6722015	.1661359	.1921926	19.76665	.5011462	.2978956
Stddev	.0010002	.0005412	.0006499	.04511	.0024912	.0015098
%RSD	.1487929	.3257835	.3381376	.2282089	.4971029	.5068347
#1	.6723544	.1655443	.1925192	19.72731	.5018990	.2981475
#2	.6731164	.1666062	.1914442	19.81588	.5031742	.2962757
#3	.6711337	.1662572	.1926144	19.75675	.4983654	.2992637
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5275454	180.8304	4.354274	27.19352	.6946951	.0693173
Stddev	.0014742	.5096	.009802	.17175	.0024117	.0002831
%RSD	.2794462	.2818172	.2251164	.6315986	.3471623	.4084163
#1	.5276890	180.8308	4.344418	26.99635	.6957479	.0691509
#2	.5260046	181.3398	4.364021	27.27356	.6919360	.0696442
#3	.5289425	180.3206	4.354384	27.31064	.6964015	.0691569
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.07005	.4363236	.6636394	17.47713	.5636562	.3518596
Stddev	.02859	.0017388	.0021774	.04585	.0013626	.0005538
%RSD	.1897027	.3985236	.3280930	.2623590	.2417420	.1573832
#1	15.07848	.4345457	.6645421	17.49331	.5638914	.3524794
#2	15.09348	.4380206	.6652201	17.51270	.5648859	.3514137
#3	15.03820	.4364044	.6611558	17.42538	.5621914	.3516857

Sample Name: Q1662-05MSD Acquired: 3/27/2025 13:36:31 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.6790738	2.082292	F 14.56143	F 11.48836	.5149266	.3728491
Stddev	.0030205	.025132	.05827	.04949	.0026604	.0006784
%RSD	.4448031	1.206948	.4001378	.4307435	.5166581	.1819412
#1	.6782995	2.070149	14.60972	11.51324	.5174972	.3732769
#2	.6765158	2.111189	14.49671	11.43137	.5121846	.3732034
#3	.6824061	2.065536	14.57786	11.52046	.5150979	.3720669

Elem	Sr4077
Units	ppm
Avg	.2154905
Stddev	.0007248
%RSD	.3363358
#1	.2151850
#2	.2149685
#3	.2163180

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3515.933	75511.78	15806.12	2130.910	4266.173
Stddev	10.510	227.44	42.04	6.940	12.097
%RSD	.2989303	.3011952	.2659689	.3256994	.2835501
#1	3503.826	75502.02	15845.29	2130.921	4252.963
#2	3522.712	75289.38	15761.70	2123.964	4276.708
#3	3521.261	75743.94	15811.37	2137.845	4268.847

Sample Name: Q1662-05A Acquired: 3/27/2025 13:40:30 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.7161782	1.986296	1.156626	1.626603	.3553384	106.1897
Stddev	.0009348	.008928	.001741	.003193	.0036353	.3129
%RSD	.1305221	.4494782	.1505287	.1962919	1.023041	.2946478

#1	.7172071	1.983279	1.158449	1.628301	.3538547	106.5507
#2	.7153813	1.979267	1.154981	1.628588	.3594809	106.0190
#3	.7159462	1.996341	1.156448	1.622920	.3526797	105.9992

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6620068	.1734004	.1908430	19.35318	.5047464	.2972913
Stddev	.0019865	.0001526	.0003449	.02668	.0010571	.0008631
%RSD	.3000672	.0880131	.1807111	.1378607	.2094353	.2903128

#1	.6634309	.1734731	.1909260	19.36897	.5046650	.2963443
#2	.6597375	.1732250	.1904642	19.32238	.5058418	.2974960
#3	.6628520	.1735031	.1911388	19.36820	.5037323	.2980336

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5275144	183.5598	4.418523	27.38474	.6916936	.0701641
Stddev	.0005731	.2695	.010513	.04258	.0016484	.0003765
%RSD	.1086436	.1468423	.2379204	.1554937	.2383196	.5366003

#1	.5276751	183.8697	4.422924	27.41809	.6911787	.0705894
#2	.5268782	183.3803	4.406525	27.33678	.6903641	.0700298
#3	.5279901	183.4294	4.426119	27.39936	.6935381	.0698732

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.89014	.4371950	.6686304	16.89335	.5772648	.3503931
Stddev	.06494	.0012247	.0027874	.05677	.0011129	.0002814
%RSD	.4361200	.2801316	.4168888	.3360455	.1927790	.0802976

#1	14.95968	.4374839	.6701799	16.95141	.5785231	.3502330
#2	14.87965	.4358517	.6654124	16.83797	.5764097	.3507180
#3	14.83108	.4382494	.6702988	16.89065	.5768617	.3502284

Sample Name: Q1662-05A Acquired: 3/27/2025 13:40:30 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.6788848	1.953542	8.826646	F 11.50959	.5007481	.3773042
Stddev	.0024241	.011735	.169277	.03443	.0041193	.0018561
%RSD	.3570725	.6006823	1.917801	.2991162	.8226269	.4919487
#1	.6807161	1.948880	8.999838	11.51250	.4973981	.3778351
#2	.6761358	1.944854	8.818526	11.47380	.5053474	.3752404
#3	.6798024	1.966891	8.661575	11.54247	.4994989	.3788370

Elem	Sr4077
Units	ppm
Avg	.2068834
Stddev	.0013275
%RSD	.6416395
#1	.2082784
#2	.2067358
#3	.2056359

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3538.888	73439.05	15389.76	2133.199	4289.226
Stddev	1.944	234.68	34.15	3.727	5.089
%RSD	.0549253	.3195508	.2218831	.1747244	.1186385
#1	3538.542	73543.49	15422.64	2131.898	4289.732
#2	3537.140	73170.28	15354.48	2130.297	4294.043
#3	3540.981	73603.37	15392.18	2137.403	4283.904

Sample Name: PB167354BL Acquired: 3/27/2025 13:44:29 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	-.001430	.0003455	-.000987	-.000394	.0005822	.0038776	-.006468
Stddev	.002286	.0018361	.000144	.002637	.0012260	.0031478	.000688
%RSD	159.8343	531.4931	14.62983	669.3693	210.5563	81.17851	10.64412
#1	-.000675	.0021893	-.000834	.002184	.0014684	.0047384	-.006783
#2	-.003999	.0003298	-.001121	-.003085	.0010952	.0003890	-.005678
#3	.000382	-.001483	-.001004	-.000281	-.000817	.0065054	-.006942
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000937	.0000008	-.012809	.0001208	-.000191	-.000566	-.004962
Stddev	.0000042	.0000685	.002267	.0000420	.000080	.000589	.002320
%RSD	4.471860	8808.885	17.69785	34.79574	41.76017	104.0611	46.76705
#1	.0000926	.0000726	-.011737	.0001681	-.000266	-.000018	-.004191
#2	.0000902	-.000006	-.015413	.0000879	-.000108	-.001189	-.003125
#3	.0000984	-.000064	-.011277	.0001063	-.000198	-.000492	-.007569
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000050	-.012110	.0001091	.0004612	.0786438	-.000338	-.001669
Stddev	.000245	.002454	.0001552	.0003137	.0116811	.001266	.000194
%RSD	493.1126	20.26148	142.2694	68.01287	14.85314	374.4931	11.61179
#1	-.000258	-.013208	-.000070	.0008212	.0657399	-.001778	-.001446
#2	-.000112	-.009299	.000210	.0002462	.0816951	.000599	-.001791
#3	.000220	-.013824	.000187	.0003163	.0884964	.000165	-.001772
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0292709	-.001406	-.000130	.0023092	.0012192	.0057428	.0006509
Stddev	.0424184	.000535	.000071	.0002402	.0003977	.0088484	.0016925
%RSD	144.9165	38.08261	54.42721	10.40021	32.61662	154.0792	260.0168
#1	-.015606	-.001979	-.000050	.0025859	.0016473	.0159201	-.000483
#2	.034713	-.000919	-.000155	.0021550	.0008614	.0014357	.002596
#3	.068706	-.001320	-.000185	.0021867	.0011489	-.000127	-.000161

Sample Name: PB167354BL Acquired: 3/27/2025 13:44:29 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.0040278	-.001573	.0000267
Stddev	.0013432	.001010	.0000156
%RSD	33.34819	64.19249	58.43509
#1	.0054886	-.002433	.0000109
#2	.0037489	-.001825	.0000421
#3	.0028460	-.000461	.0000271

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3244.182	66384.95	13447.76	1949.247	4900.977
Stddev	9.106	105.85	114.94	6.810	9.204
%RSD	.2807005	.1594560	.8547488	.3493832	.1877958
#1	3237.552	66281.84	13565.99	1944.434	4901.763
#2	3254.565	66379.65	13336.41	1957.039	4909.763
#3	3240.427	66493.35	13440.88	1946.268	4891.406

Sample Name: PB167354BS Acquired: 3/27/2025 13:48:48 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.7444354	1.973333	.9101646	1.898501	.7732980	1.817784
Stddev	.0050756	.014461	.0034828	.018394	.0046314	.001849
%RSD	.6817995	.7328377	.3826587	.9688634	.5989214	.1017011
#1	.7436510	1.957164	.9085307	1.892149	.7719321	1.816140
#2	.7397976	1.977804	.9077991	1.884125	.7695031	1.817426
#3	.7498574	1.985031	.9141640	1.919229	.7784588	1.819785
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1666235	.1804999	.1835349	.9099642	.3952859	.1864401
Stddev	.0008290	.0004292	.0007434	.0039413	.0006132	.0009262
%RSD	.4975546	.2378051	.4050481	.4331212	.1551383	.4967556
#1	.1656765	.1805220	.1831411	.9102983	.3948028	.1857581
#2	.1669758	.1800600	.1830711	.9137278	.3950791	.1860678
#3	.1672183	.1809177	.1843923	.9058665	.3959758	.1874945
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2967923	2.839044	.1770525	1.781765	.4706628	.0737011
Stddev	.0011637	.011040	.0008294	.010473	.0026632	.0002079
%RSD	.3921066	.3888758	.4684629	.5877956	.5658420	.2820730
#1	.2958374	2.828411	.1763345	1.782175	.4689722	.0734836
#2	.2964509	2.838271	.1779604	1.771094	.4692835	.0738978
#3	.2980885	2.850451	.1768626	1.792028	.4737328	.0737219
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.044515	.2679043	.1990784	9.478543	.2679084	.3885167
Stddev	.010622	.0010629	.0012396	.044034	.0005195	.0025996
%RSD	.3488972	.3967591	.6226858	.4645673	.1938989	.6691220
#1	3.032908	.2675498	.2003387	9.428947	.2680909	.3861685
#2	3.053752	.2690992	.1978605	9.513044	.2683119	.3880712
#3	3.046885	.2670638	.1990360	9.493639	.2673223	.3913102

Sample Name: PB167354BS Acquired: 3/27/2025 13:48:48 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.6524382	.1771798	.7614034	5.439527	F -.006438	.1822826
Stddev	.0028347	.0010657	.0086511	.027150	.001011	.0013283
%RSD	.4344756	.6015021	1.136211	.4991319	15.69851	.7287180
#1	.6514244	.1767843	.7709896	5.420036	-.006470	.1837548
#2	.6502499	.1783867	.7541771	5.428007	-.007433	.1811738
#3	.6556404	.1763683	.7590433	5.470538	-.005412	.1819192

Elem	Sr4077
Units	ppm
Avg	.1884870
Stddev	.0001407
%RSD	.0746691
#1	.1883595
#2	.1884635
#3	.1886380

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3170.538	64750.19	13520.18	1899.422	4655.100
Stddev	12.288	190.40	32.97	10.287	13.823
%RSD	.3875787	.2940460	.2438546	.5415705	.2969476
#1	3176.233	64820.07	13525.20	1902.695	4663.246
#2	3178.946	64895.77	13550.35	1907.673	4662.915
#3	3156.436	64534.73	13484.98	1887.897	4639.140

Sample Name: CCV05 Acquired: 3/27/2025 13:52:50 Type: Unk
Method: NON EPA-6010-200.7(v2849) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.999632	5.178500	4.911453	5.057800	5.061425	9.893101	9.375241
Stddev	.004763	.036717	.014809	.009356	.009351	.024897	.053096
%RSD	.0952732	.7090220	.3015269	.1849845	.1847449	.2516600	.5663387

#1	5.000611	5.220591	4.901831	5.047267	5.062577	9.865802	9.434151
#2	4.994456	5.161861	4.904022	5.065148	5.051551	9.914556	9.331078
#3	5.003830	5.153049	4.928507	5.060985	5.070146	9.898946	9.360493

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2363501	2.450422	23.65402	1.017205	2.442015	1.244770	4.839535
Stddev	.0008869	.006134	.06476	.004497	.006624	.001095	.024093
%RSD	.3752583	.2503343	.2737756	.4420463	.2712642	.0880030	.4978326

#1	.2373061	2.444051	23.61910	1.019389	2.435148	1.244400	4.852998
#2	.2361901	2.450925	23.72874	1.020191	2.442533	1.243907	4.853887
#3	.2355540	2.456289	23.61421	1.012033	2.448366	1.246002	4.811720

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.267395	23.81870	2.460374	1.242854	25.53283	2.403736	2.538746
Stddev	.007125	.04710	.005842	.004165	.12472	.004639	.021910
%RSD	.3142383	.1977490	.2374326	.3351158	.4884523	.1929885	.8630444

#1	2.266883	23.83302	2.455181	1.244191	25.52146	2.399038	2.537771
#2	2.274762	23.85697	2.459242	1.246187	25.66284	2.403856	2.561127
#3	2.260540	23.76610	2.466699	1.238185	25.41419	2.408313	2.517339

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.74684	4.672503	5.033637	4.956526	4.736871	5.046258	4.928211
Stddev	.13651	.008889	.002436	.010456	.013693	.014389	.006211
%RSD	.5516061	.1902491	.0483945	.2109504	.2890631	.2851453	.1260355

#1	24.73189	4.681449	5.034229	4.945421	4.728874	5.029983	4.935302
#2	24.89020	4.663671	5.030959	4.957975	4.752681	5.057291	4.925596
#3	24.61842	4.672388	5.035722	4.966181	4.729057	5.051500	4.923735

Sample Name: CCV05 Acquired: 3/27/2025 13:52:50 Type: Unk
Method: NON EPA-6010-200.7(v2849) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.880936	4.664123	5.070356
Stddev	.020064	.014286	.043648
%RSD	.4110694	.3063006	.8608436
#1	4.900126	4.657900	5.105554
#2	4.860100	4.680466	5.021517
#3	4.882582	4.654005	5.083998

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3056.682	64051.02	13058.55	1831.640	4292.128
Stddev	5.070	329.22	50.05	16.200	9.405
%RSD	.1658499	.5140042	.3832480	.8844558	.2191289
#1	3060.637	63742.47	13000.89	1830.834	4300.378
#2	3058.443	64012.98	13084.04	1815.859	4294.120
#3	3050.967	64397.62	13090.72	1848.229	4281.887

Sample Name: CCB05 Acquired: 3/27/2025 13:57:01 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	-.000750	-.000169	-.001111	.0012046	.0001280	-.002049	-.006572
Stddev	.001146	.001384	.001114	.0011388	.0008827	.006047	.000168
%RSD	152.7921	817.0606	100.2678	94.53457	689.4930	295.1290	2.550784
#1	.000504	.000975	-.002097	.0001107	-.000643	.002249	-.006742
#2	-.001012	-.001708	-.001335	.0023834	.001091	-.008964	-.006565
#3	-.001742	.000225	.000098	.0011197	-.000064	.000568	-.006407
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001154	.0001076	-.004498	-.000097	.0000463	-.000420	-.009934
Stddev	.0000910	.0000328	.010124	.000104	.0001883	.000330	.001958
%RSD	78.82564	30.48133	225.0956	106.3422	406.4982	78.59315	19.70809
#1	.0002192	.0001412	.004818	-.000015	-.000135	-.000157	-.007848
#2	.0000492	.0001058	-.015272	-.000064	.000033	-.000313	-.010224
#3	.0000779	.0000757	-.003039	-.000214	.000241	-.000791	-.011731
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000035	-.000802	.0001374	.0002158	.0828611	.0002978	-.001755
Stddev	.000327	.011590	.0001883	.0001643	.0012736	.0012741	.000431
%RSD	940.6935	1445.780	137.0353	76.12673	1.537009	427.8013	24.56701
#1	-.000354	-.006128	.0003528	.0003096	.0819235	.0007012	-.001905
#2	.000300	-.008771	.0000045	.0003118	.0823487	.0013215	-.002091
#3	-.000050	.012494	.0000548	.0000261	.0843110	-.001129	-.001269
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0751184	.0044510	.0002716	.0026833	.0007466	.0080263	.0001290
Stddev	.0221760	.0001829	.0001348	.0003687	.0003071	.0064494	.0005082
%RSD	29.52135	4.108798	49.62121	13.73915	41.13012	80.35341	394.0470
#1	.0496295	.0042875	.0001234	.0025820	.0004928	.0111321	-.000444
#2	.0899871	.0044169	.0003047	.0023759	.0010879	.0123351	.000305
#3	.0857385	.0046485	.0003868	.0030920	.0006591	.0006116	.000526

Sample Name: CCB05 Acquired: 3/27/2025 13:57:01 Type: Unk
Method: NON EPA-6010-200.7(v2849) 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	.0029664	-.001763	.0002857
Stddev	.0011018	.001243	.0000253
%RSD	37.14202	70.51582	8.851347
#1	.0023299	-.002285	.0003129
#2	.0042385	-.002660	.0002630
#3	.0023306	-.000344	.0002811

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3191.530	67593.78	13562.24	1938.978	4792.051
Stddev	8.353	154.58	16.34	1.574	15.237
%RSD	.2617139	.2286841	.1205163	.0811938	.3179740
#1	3183.848	67747.34	13546.76	1938.574	4782.546
#2	3200.422	67438.21	13560.64	1937.644	4809.626
#3	3190.321	67595.79	13579.33	1940.714	4783.980

SOP ID : M3050B-Digestion-20

SDG No : N/A

Matrix : WATER

Pipette ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

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

Start Digest Date: 03/26/2025 **Time :** 12:30 **Temp :** 96 °C

End Digest Date: 03/26/2025 **Time :** 15:35 **Temp :** 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: *[Signature]*

Supervisor Signature: *[Signature]*

Temp : 1. 96°C 2. N/A

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

Chemical Used	ML/SAMPLE USED	Lot Number
Conc. HNO3	3.00	M6158
1:1 HCL	5.00	MP84720
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK # 1 CELL 50 Temp :96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
03/26/25 16:35	<i>[Signature]</i>	<i>[Signature]</i> Metal Lab
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB167335BL	PBW335	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	1
PB167335BS	LCS335	<2	50	25	Colorless	Colorless	Clear	Clear	M6003,M6012	2
Q1640-01	SOIL-2	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	3
Q1640-02	SOIL-3	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	4
Q1640-03	SOIL-4	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	5
Q1640-04	SOIL-5	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	6
Q1640-05	SOIL-6	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	7
Q1640-05MS	SOIL-6MS	<2	50	25	Colorless	Colorless	Clear	Clear	M6003,M6012	9
Q1640-05MSD	SOIL-6MSD	<2	50	25	Colorless	Colorless	Clear	Clear	M6003,M6012	10
Q1640-05DUP	SOIL-6DUP	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	8

SPLP EXTRACTION LOGPAGE

PB167315

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB167315TB	LEB315	16	N/A	2000	N/A	N/A	N/A	4.24	1.0	T-2
Q1640-01	SOIL-2	11	100.02	2000	N/A	N/A	N/A	3.0	1.5	T-2
Q1640-02	SOIL-3	12	100.03	2000	N/A	N/A	N/A	3.5	1.0	T-2
Q1640-03	SOIL-4	13	100.02	2000	N/A	N/A	N/A	5.0	1.5	T-2
Q1640-04	SOIL-5	14	100.03	2000	N/A	N/A	N/A	3.5	1.0	T-2
Q1640-05	SOIL-6	15	100.02	2000	N/A	N/A	N/A	5.0	1.5	T-2

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135215

Review By	kareem	Review On	3/28/2025 9:25:20 AM
Supervise By	jANVI	Supervise On	3/28/2025 10:43:44 AM
STD. NAME	STD REF.#		
ICAL Standard	MP85016,MP85017,MP85018,MP85019,MP85020,MP85022		
ICV Standard	MP85023		
CCV Standard	MP85026		
ICSA Standard	MP85024,MP85025		
CRI Standard	MP85022		
LCS Standard			
Chk Standard	MP85030,MP85031		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	03/27/25 09:23		Kareem	OK
2	S1	S1	CAL2	03/27/25 09:28		Kareem	OK
3	S2	S2	CAL3	03/27/25 09:32		Kareem	OK
4	S3	S3	CAL4	03/27/25 09:36		Kareem	OK
5	S4	S4	CAL5	03/27/25 09:40		Kareem	OK
6	S5	S5	CAL6	03/27/25 09:44		Kareem	OK
7	ICV01	ICV01	ICV	03/27/25 09:49	ICV fail for Ba,Be,Mg,Mn,V (200.7) (95-105)	Kareem	OK
8	LLICV01	LLICV01	LLICV	03/27/25 09:58		Kareem	OK
9	ICB01	ICB01	ICB	03/27/25 10:02		Kareem	OK
10	CRI01	CRI01	CRDL	03/27/25 10:07		Kareem	OK
11	ICSA01	ICSA01	ICSA	03/27/25 10:11		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	03/27/25 10:15		Kareem	OK
13	ICSADL	ICSADL	ICSA	03/27/25 10:19		Kareem	OK
14	ICSABDL	ICSABDL	ICSAB	03/27/25 10:24		Kareem	OK
15	CCV01	CCV01	CCV	03/27/25 10:28		Kareem	OK
16	CCB01	CCB01	CCB	03/27/25 10:32		Kareem	OK
17	Q1651-01	001-WILLETS-PT-BLV	SAM	03/27/25 10:36		Kareem	OK
18	Q1651-01DUP	001-WILLETS-PT-BLV	DUP	03/27/25 10:41		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135215

Review By	kareem	Review On	3/28/2025 9:25:20 AM
Supervise By	jANVI	Supervise On	3/28/2025 10:43:44 AM

STD. NAME	STD REF.#
ICAL Standard	MP85016,MP85017,MP85018,MP85019,MP85020,MP85022
ICV Standard	MP85023
CCV Standard	MP85026
ICSA Standard	MP85024,MP85025
CRI Standard	MP85022
LCS Standard	
Chk Standard	MP85030,MP85031

19	Q1651-01L	001-WILLETS-PT-BL	SD	03/27/25 10:45		Kareem	OK
20	Q1651-01MS	001-WILLETS-PT-BL	MS	03/27/25 10:49	0.1 ML M6004 AND M6013 WERE ADDED 10 ML OF SAMPLE	Kareem	OK
21	Q1651-01MSD	001-WILLETS-PT-BL	MSD	03/27/25 10:53	0.1 ML M6004 AND M6013 WERE ADDED 10 ML OF SAMPLE	Kareem	OK
22	Q1651-01A	001-WILLETS-PT-BL	PS	03/27/25 10:57	0.1 ML M6004 AND M6013 WERE ADDED 10 ML OF SAMPLE	Kareem	OK
23	Q1651-02	002-35TH-AVE(MAR)	SAM	03/27/25 11:01		Kareem	OK
24	PB167340BL	PB167340BL	MB	03/27/25 11:06		Kareem	OK
25	PB167340BS	PB167340BS	LCS	03/27/25 11:10	0.1 ML M6004 AND M6013 WERE ADDED 10 ML OF SAMPLE	Kareem	OK
26	PB167335TB	PB167335TB	MB	03/27/25 11:14		Kareem	OK
27	CCV02	CCV02	CCV	03/27/25 11:18		Kareem	OK
28	CCB02	CCB02	CCB	03/27/25 11:22		Kareem	OK
29	Q1640-01	SOIL-2	SAM	03/27/25 11:27	Need to confirm SPLP (Be,Pb)	Kareem	OK
30	Q1640-02	SOIL-3	SAM	03/27/25 11:31	Need to confirm SPLP (Cd)	Kareem	OK
31	Q1640-03	SOIL-4	SAM	03/27/25 11:35		Kareem	OK
32	Q1640-04	SOIL-5	SAM	03/27/25 11:40	Need to confirm SPLP (Be,Cd)	Kareem	OK
33	Q1640-05	SOIL-6	SAM	03/27/25 11:44		Kareem	OK
34	Q1640-05DUP	SOIL-6DUP	DUP	03/27/25 11:49		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135215

Review By	kareem	Review On	3/28/2025 9:25:20 AM
Supervise By	jANVI	Supervise On	3/28/2025 10:43:44 AM
STD. NAME	STD REF.#		
ICAL Standard	MP85016,MP85017,MP85018,MP85019,MP85020,MP85022		
ICV Standard	MP85023		
CCV Standard	MP85026		
ICSA Standard	MP85024,MP85025		
CRI Standard	MP85022		
LCS Standard			
Chk Standard	MP85030,MP85031		

35	Q1640-05L	SOIL-6L	SD	03/27/25 11:53		Kareem	OK
36	Q1640-05MS	SOIL-6MS	MS	03/27/25 11:57	0.1 ML M6004 AND M6013 WERE ADDED 10 ML OF SAMPLE	Kareem	OK
37	Q1640-05MSD	SOIL-6MSD	MSD	03/27/25 12:01	0.1 ML M6004 AND M6013 WERE ADDED 10 ML OF SAMPLE	Kareem	OK
38	Q1640-05A	SOIL-6A	PS	03/27/25 12:06	0.1 ML M6004 AND M6013 WERE ADDED 10 ML OF SAMPLE	Kareem	OK
39	CCV03	CCV03	CCV	03/27/25 12:10		Kareem	OK
40	CCB03	CCB03	CCB	03/27/25 12:14		Kareem	OK
41	PB167335BL	PB167335BL	MB	03/27/25 12:19		Kareem	OK
42	PB167335BS	PB167335BS	LCS	03/27/25 12:23	0.1 ML M6004 AND M6013 WERE ADDED 10 ML OF SAMPLE	Kareem	OK
43	LR1	LR1	HIGH STD	03/27/25 12:41		Kareem	OK
44	LR2	LR2	HIGH STD	03/27/25 12:46		Kareem	OK
45	Q1654-01	RT3407	SAM	03/27/25 12:50		Kareem	OK
46	Q1656-01	VNJ239	SAM	03/27/25 12:55		Kareem	OK
47	Q1657-01	72-11998	SAM	03/27/25 12:59		Kareem	OK
48	Q1661-02	351	SAM	03/27/25 13:03		Kareem	OK
49	Q1662-01	TP-6	SAM	03/27/25 13:07		Kareem	OK
50	Q1662-05	TP-7	SAM	03/27/25 13:11		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135215

Review By	kareem	Review On	3/28/2025 9:25:20 AM
Supervise By	jANVI	Supervise On	3/28/2025 10:43:44 AM
STD. NAME	STD REF.#		
ICAL Standard	MP85016,MP85017,MP85018,MP85019,MP85020,MP85022		
ICV Standard	MP85023		
CCV Standard	MP85026		
ICSA Standard	MP85024,MP85025		
CRI Standard	MP85022		
LCS Standard			
Chk Standard	MP85030,MP85031		

51	CCV04	CCV04	CCV	03/27/25 13:15		Kareem	OK
52	CCB04	CCB04	CCB	03/27/25 13:19		Kareem	OK
53	Q1662-05DUP	TP-7DUP	DUP	03/27/25 13:24		Kareem	OK
54	Q1662-05L	TP-7L	SD	03/27/25 13:28		Kareem	OK
55	Q1662-05MS	TP-7MS	MS	03/27/25 13:32	0.1 ML M6004 AND M6013 WERE ADDED 10 ML OF SAMPLE	Kareem	OK
56	Q1662-05MSD	TP-7MSD	MSD	03/27/25 13:36	0.1 ML M6004 AND M6013 WERE ADDED 10 ML OF SAMPLE	Kareem	OK
57	Q1662-05A	TP-7A	PS	03/27/25 13:40	0.1 ML M6004 AND M6013 WERE ADDED 10 ML OF SAMPLE	Kareem	OK
58	PB167354BL	PB167354BL	MB	03/27/25 13:44		Kareem	OK
59	PB167354BS	PB167354BS	LCS	03/27/25 13:48	0.1 ML M6004 AND M6013 WERE ADDED 10 ML OF SAMPLE	Kareem	OK
60	CCV05	CCV05	CCV	03/27/25 13:52		Kareem	OK
61	CCB05	CCB05	CCB	03/27/25 13:57		Kareem	OK

SOP ID :	M1311-TCLP-15	
SDG No :	N/A	Start Prep Date : 03/25/2025 Time : 15:30
Weigh By :	JP	End Prep Date : 03/26/2025 Time : 09:35
Balance ID :	WC SC-7	Combination Ratio : 20
pH Meter ID :	WC PH METER-1	ZHE Cleaning Batch : ^{JP} N/A
Extraction By :	JP	Initial Room Temperature: 23 °C
Filter By :	JP	Final Room Temperature: 22 °C
Pipette ID :	WC	TCLP Technician Signature : ^{JP}
Tumbler ID :	T-2	Supervisor By : ¹²
TCLP Filter ID :	115525	

Standardized Name	MLS USED	STD REF. # FROM LOG
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

Chemical Used	ML/SAMPLE U	Lot Number
SPLP FLUID	N/A	WP110806
N/A	N/A	N/A
HNO3-TCLP,1N	N/A	WP110804
pH Strips	W3172.	W1931,W1934,W3171,W3172
pH Strips	W1941,W1942	W3166,W1938,W1939,W1940,
N/A	N/A	N/A
120ml Plastic bottle	N/A	405130101
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. TUMBLER T-2 checked, 30 rpm. q1640-05 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
03/26/25 11:30	^{JP} 1 TCLP ROOM	^{SLB} 124-114
	Preparation Group	Analysis Group

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB167315TB	LEB315	16	N/A	2000	N/A	N/A	N/A	4.24	1.0	T-2
Q1640-01	SOIL-2	11	100.02	2000	N/A	N/A	N/A	3.0	1.5	T-2
Q1640-02	SOIL-3	12	100.03	2000	N/A	N/A	N/A	3.5	1.0	T-2
Q1640-03	SOIL-4	13	100.02	2000	N/A	N/A	N/A	5.0	1.5	T-2
Q1640-04	SOIL-5	14	100.03	2000	N/A	N/A	N/A	3.5	1.0	T-2
Q1640-05	SOIL-6	15	100.02	2000	N/A	N/A	N/A	5.0	1.5	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB167315TB	LEB315	N/A	N/A	N/A	N/A	N/A	N/A
Q1640-01	SOIL-2	N/A	N/A	N/A	N/A	100	N/A
Q1640-02	SOIL-3	N/A	N/A	N/A	N/A	100	N/A
Q1640-03	SOIL-4	N/A	N/A	N/A	N/A	100	N/A
Q1640-04	SOIL-5	N/A	N/A	N/A	N/A	100	N/A
Q1640-05	SOIL-6	N/A	N/A	N/A	N/A	100	N/A

Hot Block ID : WC S-1 /WC S-2

Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB167315TB	LEB315	N/A	N/A	N/A	N/A	#1	4.24
Q1640-01	SOIL-2	N/A	N/A	N/A	N/A	#1	4.24
Q1640-02	SOIL-3	N/A	N/A	N/A	N/A	#1	4.24
Q1640-03	SOIL-4	N/A	N/A	N/A	N/A	#1	4.24
Q1640-04	SOIL-5	N/A	N/A	N/A	N/A	#1	4.24
Q1640-05	SOIL-6	N/A	N/A	N/A	N/A	#1	4.24



SHIPPING DOCUMENTS

CHEMTECH

CHAIN OF CUSTODY RECORD

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

CHEMTECH PROJECT NO. **P4822**
QUOTE NO.
COC Number **2040631**

CLIENT INFORMATION

COMPANY: **BAPS** REPORT TO BE SENT TO:
ADDRESS: **2000 Tonnelle Ave**
CITY **North Bergen** STATE: **NJ** ZIP:
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: **BAPS Tonnelle Ave**
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

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

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) DAYS*
HARDCOPY (DATA PACKAGE): DAYS*
EDD: DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other
☐ EDD FORMAT

VOC-TCL voc-10
EPH
TCL+30/TAL

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		E/P	E	E								
1.	Soil-1	9011		X	11-2-24	1112	5	X	X								← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER	
2.	Soil-1		X			1120	4				X							
3.	Soil-2			X		1134	5	X	X									
4.	Soil-2		X			1141	4				X							
5.	Soil-3			X		1151	5	X	X									
6.	Soil-3		X			1159	4				X							
7.	Soil-4			X		1210	5	X	X									
8.	Soil-4		X			1218	4				X							
9.	Soil-5			Y		1230	5	X	X									
10.	Soil-5		X			1238	4				X							

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

RELINQUISHED BY SAMPLER: 1. JT	DATE/TIME: 11-12-24	RECEIVED BY: 1.	Conditions of bottles or coolers at receipt: ☒ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.8 °C
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: 2.	Comments:
RELINQUISHED BY SAMPLER: 3. JT	DATE/TIME: 11-12-24	RECEIVED BY: 3.	Page 1 of 2

CLIENT: ☐ Hand Delivered ☐ Other
CHEMTECH: ☐ Picked Up ☐ Field Sampling
Shipment Complete
☐ YES ☐ NO

CHEMTECH

CHAIN OF CUSTODY RECORD

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

CHEMTECH PROJECT NO.

QUOTE NO.

COC Number

P4822

2040632

CLIENT INFORMATION

COMPANY: **BAPS** REPORT TO BE SENT TO:

ADDRESS: **2000 Tonnelle Ave**

CITY **North Bergen** STATE: **NJ** ZIP:

ATTENTION:

PHONE:

FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: **BAPS Tonnelle Ave**

PROJECT NO.: LOCATION:

PROJECT MANAGER:

e-mail:

PHONE:

FAX:

CLIENT BILLING INFORMATION

BILL TO:

PO#:

ADDRESS:

CITY

STATE:

ZIP:

ATTENTION:

PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*

HARDCOPY (DATA PACKAGE): _____ DAYS*

EDD: _____ DAYS*

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other _____
☐ EDD FORMAT

1 VOC-TCL VOA-10
2 EPH
3 TCL T30/TAL
4 5 6 7 8 9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER	
1.	Soil-6	Soil		X	11/24	1245	5	X	X									
2.	Soil-6	I	X		11/24	1253	4			X								
3.																		
4.																		
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		

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

RELINQUISHED BY SAMPLER:

DATE/TIME: **1310**

RECEIVED BY:

1. **IT**

11/24

1.

RELINQUISHED BY SAMPLER:

DATE/TIME:

RECEIVED BY:

2.

2.

RELINQUISHED BY SAMPLER:

DATE/TIME: **1420**

RECEIVED BY:

3. **IT**

11/24

3.

Conditions of bottles or coolers at receipt: ☒ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP

3.8 °C

Comments:

Page **2** of **2**

CLIENT: ☐ Hand Delivered ☐ Other

CHEMTECH: ☐ Picked Up ☐ Field Sampling

Shipment Complete

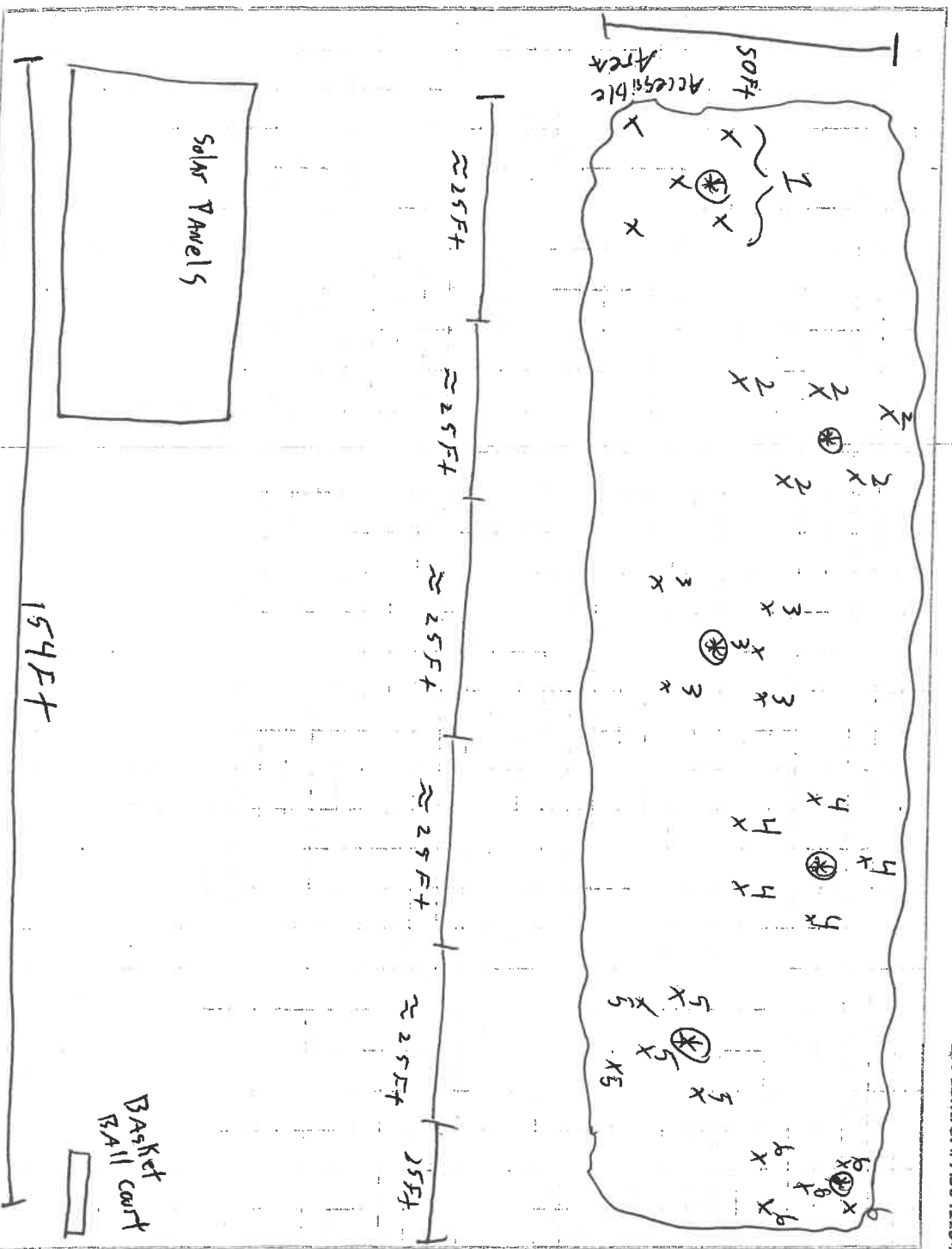
☐ YES ☐ NO

Environmental Laboratory

Project Name: BAPS Tonnelle
Ave
 Service Order #: _____
 Work Order #: _____
 Labor WBS #: _____
 Facility/Site: _____
 Site Address: 2000 Tonnelle
Ave, North Bergen NJ
 Chemtech Order ID: _____
 Sampler Name: IT
 Client Project Coordinator & Phone: Prish
 Page #: 1 of 1
 Date: 11.12.24
 Arrive Time: 1030
 Depart Time: 1310

Collection Depth: NA Dimensions/CY: 154 x (250) x (215)
 Temp (range): 3.8 °C PID Readings (range): 0.0 PPM Odor: Y / (N) Color: Y / (N)
 Sample Description: Sandy Rocky soil, woodchips present
 Field Observations: Large hill back of Parking Lot

QA Control # A3041134



Supervisor Review/Date: _____

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