

Cover Page

Order ID : P5074

Project ID : Monthly 2024

Client : Aramark Uniforms

Lab Sample Number

P5074-01

P5074-02

Client Sample Number

GRAB

COMP

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: 12/13/2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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 #: P5074

Completed

For thorough review, the report must have the following:

GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

COVER PAGE:

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

✓

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

✓

CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: KETAN PATEL

Date: 12/13/2024



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LAB CHRONICLE

OrderID:	P5074	OrderDate:	12/4/2024 10:03:00 AM
Client:	Aramark Uniforms	Project:	Monthly 2024
Contact:	Jose Liceaga	Location:	M11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5074-02	COMP	Water	Mercury	7470A	12/04/24	12/06/24	12/06/24	12/04/24
			Metals ICP-Group1	6010D		12/09/24	12/10/24	



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Hit Summary Sheet
SW-846

SDG No.: P5074

Order ID: P5074

Client: Aramark Uniforms

Project ID: Monthly 2024

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : COMP								
P5074-02	COMP	Water	Cadmium	0.0014	J	0.000094	0.0030	mg/L
P5074-02	COMP	Water	Copper	0.17		0.0071	0.010	mg/L
P5074-02	COMP	Water	Lead	0.044		0.0035	0.0060	mg/L
P5074-02	COMP	Water	Mercury	0.00030	N	0.000081	0.00020	mg/L
P5074-02	COMP	Water	Nickel	0.029		0.00085	0.020	mg/L
P5074-02	COMP	Water	Zinc	0.64		0.0018	0.020	mg/L



SAMPLE DATA

Report of Analysis

Client:	Aramark Uniforms	Date Collected:	12/04/24
Project:	Monthly 2024	Date Received:	12/04/24
Client Sample ID:	COMP	SDG No.:	P5074
Lab Sample ID:	P5074-02	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-43-9	Cadmium	0.0014	J	1	0.000094	0.0030	mg/L	12/09/24 09:10	12/10/24 12:14	SW6010	SW3010
7440-50-8	Copper	0.17		1	0.0071	0.010	mg/L	12/09/24 09:10	12/10/24 12:14	SW6010	SW3010
7439-92-1	Lead	0.044		1	0.0035	0.0060	mg/L	12/09/24 09:10	12/10/24 12:14	SW6010	SW3010
7439-97-6	Mercury	0.00030	N	1	0.000081	0.00020	mg/L	12/06/24 09:25	12/06/24 12:23	SW7470A	
7440-02-0	Nickel	0.029		1	0.00085	0.020	mg/L	12/09/24 09:10	12/10/24 12:14	SW6010	SW3010
7440-66-6	Zinc	0.64		1	0.0018	0.020	mg/L	12/09/24 09:10	12/10/24 12:14	SW6010	SW3010

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

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

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



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Aramark Uniforms **SDG No.:** P5074
Contract: ARAM01 **Lab Code:** CHEM **Case No.:** P5074 **SAS No.:** P5074
Initial Calibration Source: EPA
Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV11	Mercury	3.84	4.0	96	90 - 110	CV	12/06/2024	11:38	LB133780

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Aramark Uniforms **SDG No.:** P5074
Contract: ARAM01 **Lab Code:** CHEM **Case No.:** P5074 **SAS No.:** P5074
Initial Calibration Source: EPA
Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV95	Mercury	5.00	5.0	100	90 - 110	CV	12/06/2024	11:42	LB133780
CCV96	Mercury	5.40	5.0	108	90 - 110	CV	12/06/2024	12:36	LB133780
CCV97	Mercury	4.54	5.0	91	90 - 110	CV	12/06/2024	12:59	LB133780

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Aramark Uniforms **SDG No.:** P5074
Contract: ARAM01 **Lab Code:** CHEM **Case No.:** P5074 **SAS No.:** P5074
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Cadmium	520	510	102	90 - 110	P	12/10/2024	11:04	LB133866
	Copper	546	510	107	90 - 110	P	12/10/2024	11:04	LB133866
	Lead	1030	1000	103	90 - 110	P	12/10/2024	11:04	LB133866
	Nickel	531	530	100	90 - 110	P	12/10/2024	11:04	LB133866
	Zinc	1090	1000	108	90 - 110	P	12/10/2024	11:04	LB133866

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Aramark Uniforms **SDG No.:** P5074
Contract: ARAM01 **Lab Code:** CHEM **Case No.:** P5074 **SAS No.:** P5074
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Cadmium	5.98	6.0	100	80 - 120	P	12/10/2024	11:08	LB133866
	Copper	22.8	20.0	114	80 - 120	P	12/10/2024	11:08	LB133866
	Lead	12.4	12.0	103	80 - 120	P	12/10/2024	11:08	LB133866
	Nickel	39.8	40.0	99	80 - 120	P	12/10/2024	11:08	LB133866
	Zinc	45.5	40.0	114	80 - 120	P	12/10/2024	11:08	LB133866

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Aramark Uniforms **SDG No.:** P5074
Contract: ARAM01 **Lab Code:** CHEM **Case No.:** P5074 **SAS No.:** P5074
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Cadmium	2430	2500	97	90 - 110	P	12/10/2024	11:44	LB133866
	Copper	1240	1250	100	90 - 110	P	12/10/2024	11:44	LB133866
	Lead	4880	5000	98	90 - 110	P	12/10/2024	11:44	LB133866
	Nickel	2430	2500	97	90 - 110	P	12/10/2024	11:44	LB133866
	Zinc	2520	2500	101	90 - 110	P	12/10/2024	11:44	LB133866
CCV02	Cadmium	2360	2500	95	90 - 110	P	12/10/2024	12:35	LB133866
	Copper	1230	1250	98	90 - 110	P	12/10/2024	12:35	LB133866
	Lead	4760	5000	95	90 - 110	P	12/10/2024	12:35	LB133866
	Nickel	2370	2500	95	90 - 110	P	12/10/2024	12:35	LB133866
	Zinc	2480	2500	99	90 - 110	P	12/10/2024	12:35	LB133866
CCV03	Cadmium	2410	2500	96	90 - 110	P	12/10/2024	13:26	LB133866
	Copper	1250	1250	100	90 - 110	P	12/10/2024	13:26	LB133866
	Lead	4850	5000	97	90 - 110	P	12/10/2024	13:26	LB133866
	Nickel	2420	2500	97	90 - 110	P	12/10/2024	13:26	LB133866
	Zinc	2520	2500	101	90 - 110	P	12/10/2024	13:26	LB133866
CCV04	Cadmium	2410	2500	96	90 - 110	P	12/10/2024	14:19	LB133866
	Copper	1250	1250	100	90 - 110	P	12/10/2024	14:19	LB133866
	Lead	4850	5000	97	90 - 110	P	12/10/2024	14:19	LB133866
	Nickel	2420	2500	97	90 - 110	P	12/10/2024	14:19	LB133866
	Zinc	2510	2500	100	90 - 110	P	12/10/2024	14:19	LB133866



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Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Aramark Uniforms **SDG No.:** P5074
Contract: ARAM01 **Lab Code:** CHEM **Case No.:** P5074 **SAS No.:** P5074
Initial Calibration Source: _____
Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.19	0.2	95	40 - 160	CV	12/06/2024	11:47	LB133780
CRI01	Cadmium	5.80	6.0	97	40 - 160	P	12/10/2024	11:24	LB133866
	Copper	22.5	20.0	113	40 - 160	P	12/10/2024	11:24	LB133866
	Lead	11.2	12.0	94	40 - 160	P	12/10/2024	11:24	LB133866
	Nickel	39.3	40.0	98	40 - 160	P	12/10/2024	11:24	LB133866
	Zinc	43.8	40.0	110	40 - 160	P	12/10/2024	11:24	LB133866



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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	Aramark Uniforms				SDG No.:	P5074			
Contract:	ARAM01	Lab Code:	CHEM		Case No.:	P5074	SAS No.:	P5074	
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB11	Mercury	0.20	+/-0.20	U	0.20	CV	12/06/2024	11:40	LB133780

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Aramark Uniforms

SDG No.: P5074

Contract: ARAM01

Lab Code: CHEM

Case No.: P5074

SAS No.: P5074

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB95	Mercury	0.20	+/-0.20	U	0.20	CV	12/06/2024	11:45	LB133780
CCB96	Mercury	0.20	+/-0.20	U	0.20	CV	12/06/2024	12:41	LB133780
CCB97	Mercury	0.20	+/-0.20	U	0.20	CV	12/06/2024	13:01	LB133780

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Aramark Uniforms

SDG No.: P5074

Contract: ARAM01

Lab Code: CHEM

Case No.: P5074

SAS No.: P5074

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Cadmium	6.00	+/-6.00	U	6.00	P	12/10/2024	11:20	LB133866
	Copper	20.0	+/-20.0	U	20.0	P	12/10/2024	11:20	LB133866
	Lead	12.0	+/-12.0	U	12.0	P	12/10/2024	11:20	LB133866
	Nickel	40.0	+/-40.0	U	40.0	P	12/10/2024	11:20	LB133866
	Zinc	40.0	+/-40.0	U	40.0	P	12/10/2024	11:20	LB133866

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>Aramark Uniforms</u>		SDG No.: <u>P5074</u>							
Contract: <u>ARAM01</u>	Lab Code: <u>CHEM</u>	Case No.: <u>P5074</u>	SAS No.: <u>P5074</u>						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Cadmium	6.00	+/-6.00	U	6.00	P	12/10/2024	11:48	LB133866
	Copper	20.0	+/-20.0	U	20.0	P	12/10/2024	11:48	LB133866
	Lead	12.0	+/-12.0	U	12.0	P	12/10/2024	11:48	LB133866
	Nickel	40.0	+/-40.0	U	40.0	P	12/10/2024	11:48	LB133866
	Zinc	40.0	+/-40.0	U	40.0	P	12/10/2024	11:48	LB133866
CCB02	Cadmium	6.00	+/-6.00	U	6.00	P	12/10/2024	12:39	LB133866
	Copper	20.0	+/-20.0	U	20.0	P	12/10/2024	12:39	LB133866
	Lead	12.0	+/-12.0	U	12.0	P	12/10/2024	12:39	LB133866
	Nickel	40.0	+/-40.0	U	40.0	P	12/10/2024	12:39	LB133866
	Zinc	40.0	+/-40.0	U	40.0	P	12/10/2024	12:39	LB133866
CCB03	Cadmium	6.00	+/-6.00	U	6.00	P	12/10/2024	13:30	LB133866
	Copper	20.0	+/-20.0	U	20.0	P	12/10/2024	13:30	LB133866
	Lead	12.0	+/-12.0	U	12.0	P	12/10/2024	13:30	LB133866
	Nickel	40.0	+/-40.0	U	40.0	P	12/10/2024	13:30	LB133866
	Zinc	40.0	+/-40.0	U	40.0	P	12/10/2024	13:30	LB133866
CCB04	Cadmium	6.00	+/-6.00	U	6.00	P	12/10/2024	14:24	LB133866
	Copper	20.0	+/-20.0	U	20.0	P	12/10/2024	14:24	LB133866
	Lead	12.0	+/-12.0	U	12.0	P	12/10/2024	14:24	LB133866
	Nickel	40.0	+/-40.0	U	40.0	P	12/10/2024	14:24	LB133866
	Zinc	40.0	+/-40.0	U	40.0	P	12/10/2024	14:24	LB133866

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Aramark Uniforms

SDG No.: P5074

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB165437BL		WATER		Batch Number:	PB165437		Prep Date:	12/06/2024	
	Mercury	0.20	<0.20	U	0.20	CV	12/06/2024	11:56	LB133780

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Aramark Uniforms

SDG No.: P5074

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB165464BL	WATER			Batch Number:	PB165464		Prep Date:	12/09/2024	
	Cadmium	3.00	<3.00	U	3.00	P	12/10/2024	12:01	LB133866
	Copper	10.0	<10.0	U	10.0	P	12/10/2024	12:01	LB133866
	Lead	6.00	<6.00	U	6.00	P	12/10/2024	12:01	LB133866
	Nickel	20.0	<20.0	U	20.0	P	12/10/2024	12:01	LB133866
	Zinc	20.0	<20.0	U	20.0	P	12/10/2024	12:01	LB133866

Metals

- 4 -

INTERFERENCE CHECK SAMPLE

Client: Aramark Uniforms **SDG No.:** P5074
Contract: ARAM01 **Lab Code:** CHEM **Case No.:** P5074 **SAS No.:** P5074
ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Cadmium	3.45	1.0	345	-5	7	12/10/2024	11:36	LB133866
	Copper	5.99	2.0	300	-18	22	12/10/2024	11:36	LB133866
	Lead	10.4			-12	12	12/10/2024	11:36	LB133866
	Nickel	31.3	2.0	1565	-38	42	12/10/2024	11:36	LB133866
	Zinc	-6.01			-40	40	12/10/2024	11:36	LB133866
ICSAB01	Cadmium	952	972	98	826	1120	12/10/2024	11:40	LB133866
	Copper	470	511	92	434	588	12/10/2024	11:40	LB133866
	Lead	59.2	49.0	121	37	61	12/10/2024	11:40	LB133866
	Nickel	974	954	102	810	1100	12/10/2024	11:40	LB133866
	Zinc	911	952	96	809	1095	12/10/2024	11:40	LB133866



METAL

QC

DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Aramark Uniforms **level:** low **sdg no.:** P5074
contract: ARAM01 **lab code:** CHEM **case no.:** P5074 **sas no.:** P5074
matrix: Water **sample id:** P5074-02 **client id:** COMPMS
Percent Solids for Sample: NA **Spiked ID:** P5074-02MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	82 - 119	3.01		0.30		4.0	68	N	CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client:	<u>Aramark Uniforms</u>	level:	<u>low</u>	sdg no.:	<u>P5074</u>	
contract:	<u>ARAM01</u>	lab code:	<u>CHEM</u>	case no.:	<u>P5074</u>	sas no.: <u>P5074</u>
matrix:	<u>Water</u>	sample id:	<u>P5074-02</u>	client id:	<u>COMPMSD</u>	
Percent Solids for Sample:	<u>NA</u>	Spiked ID:	<u>P5074-02MSD</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
Mercury	ug/L	82 - 119	3.00		0.30		4.0	68	N	CV

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>Aramark Uniforms</u>	level: <u>low</u>	sdg no.: <u>P5074</u>
contract: <u>ARAM01</u>	lab code: <u>CHEM</u>	case no.: <u>P5074</u> sas no.: <u>P5074</u>
matrix: <u>Water</u>	sample id: <u>P5093-02</u>	client id: <u>LL-001-FB-12-4-24MS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>P5093-02MS</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
Cadmium	ug/L	75 - 125	78.8		3.00	U	100	79		P
Copper	ug/L	75 - 125	134		10.0	U	150	89		P
Lead	ug/L	75 - 125	392		6.00	U	500	78		P
Nickel	ug/L	75 - 125	207		20.0	U	250	83		P
Zinc	ug/L	75 - 125	91.4		20.0	U	100	91		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Aramark Uniforms</u>	level: <u>low</u>	sdg no.: <u>P5074</u>
contract: <u>ARAM01</u>	lab code: <u>CHEM</u>	case no.: <u>P5074</u> sas no.: <u>P5074</u>
matrix: <u>Water</u>	sample id: <u>P5093-02</u>	client id: <u>LL-001-FB-12-4-24MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>P5093-02MSD</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
Cadmium	ug/L	75 - 125	78.4		3.00	U	100	78		P
Copper	ug/L	75 - 125	133		10.0	U	150	89		P
Lead	ug/L	75 - 125	391		6.00	U	500	78		P
Nickel	ug/L	75 - 125	205		20.0	U	250	82		P
Zinc	ug/L	75 - 125	90.3		20.0	U	100	90		P

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: Aramark Uniforms **SDG No.:** P5074
Contract: ARAM01 **Lab Code:** CHEM **Case No.:** P5074 **SAS No.:** P5074
Matrix: Water **Level:** LOW **Client ID:** COMPA
Sample ID: P5074-02 **Spiked ID:** P5074-02A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	82 - 119	3.42		0.30		4.00	78		CV

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Aramark Uniforms **Level:** LOW **SDG No.:** P5074
Contract: ARAM01 **Lab Code:** CHEM **Case No.:** P5074 **SAS No.:** P5074
Matrix: Water **Sample ID:** P5074-02 **Client ID:** COMPDUP
Percent Solids for Sample: NA **Duplicate ID** P5074-02DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	0.30		0.28		6		CV

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Aramark Uniforms</u>	Level:	<u>LOW</u>	SDG No.:	<u>P5074</u>
Contract:	<u>ARAM01</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>P5074</u>
Matrix:	<u>Water</u>	Sample ID:	<u>P5074-02MS</u>	Client ID:	<u>COMPMSD</u>
Percent Solids for Sample:	<u>NA</u>	Duplicate ID	<u>P5074-02MSD</u>	Percent Solids for Spike Sample:	<u>NA</u>

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	3.01		3.00		0		CV

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Aramark Uniforms **Level:** LOW **SDG No.:** P5074
Contract: ARAM01 **Lab Code:** CHEM **Case No.:** P5074 **SAS No.:** P5074
Matrix: Water **Sample ID:** P5093-02 **Client ID:** LL-001-FB-12-4-24DUP
Percent Solids for Sample: NA **Duplicate ID** P5093-02DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cadmium	ug/L	20	3.00	U	3.00	U			P
Copper	ug/L	20	10.0	U	10.0	U			P
Lead	ug/L	20	6.00	U	6.00	U			P
Nickel	ug/L	20	20.0	U	20.0	U			P
Zinc	ug/L	20	20.0	U	20.0	U			P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Aramark Uniforms **Level:** LOW **SDG No.:** P5074
Contract: ARAM01 **Lab Code:** CHEM **Case No.:** P5074 **SAS No.:** P5074
Matrix: Water **Sample ID:** P5093-02MS **Client ID:** LL-001-FB-12-4-24MSD
Percent Solids for Sample: NA **Duplicate ID** P5093-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cadmium	ug/L	20	78.8		78.4		1		P
Copper	ug/L	20	134		133		1		P
Lead	ug/L	20	392		391		0		P
Nickel	ug/L	20	207		205		1		P
Zinc	ug/L	20	91.4		90.3		1		P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Aramark Uniforms

SDG No.: P5074

Contract: ARAM01

Lab Code: CHEM

Case No.: P5074

SAS No.: P5074

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB165437BS Mercury	ug/L	4.0	4.77		119	82 - 119	CV

Metals

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: Aramark Uniforms **SDG No.:** P5074
Contract: ARAM01 **Lab Code:** CHEM **Case No.:** P5074 **SAS No.:** P5074

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB165464BS							
Cadmium	ug/L	100	95.5		96	80 - 120	P
Copper	ug/L	150	156		104	80 - 120	P
Lead	ug/L	500	480		96	80 - 120	P
Nickel	ug/L	250	245		98	80 - 120	P
Zinc	ug/L	100	106		106	80 - 120	P

Metals

-9 -

ICP SERIAL DILUTIONS

SAMPLE NO.

COMPL

Lab Name: Chemtech Consulting Group

Contract: ARAM01

Lab Code: CHEM

Lb No.: lb133780

Lab Sample ID : P5074-02L

SDG No.: P5074

Matrix (soil/water): Water

Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I) C	Serial Dilution Result (S) C	% Differ- ence	Q	M
Mercury	0.30	1.00 U	100.0		CV

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

LL-001-FB-12-4-24L

Lab Name: Chemtech Consulting Group

Contract: ARAM01

Lab Code: CHEM **Lb No.:** lb133866 **Lab Sample ID :** P5093-02L **SDG No.:** P5074

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				
Cadmium	3.00	U	15.0	U			P
Copper	10.0	U	50.0	U			P
Lead	6.00	U	30.0	U			P
Nickel	20.0	U	100	U			P
Zinc	20.0	U	100	U			P



METAL PREPARATION & INSTRUMENT DATA

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Aramark Uniforms

SDG No.: P5074

Contract: ARAM01

Lab Code: CHEM

Case No.: P5074

SAS No.: P5074

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Al	Ca	Fe	Mg	Ag
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Aramark Uniforms

SDG No.: P5074

Contract: ARAM01

Lab Code: CHEM

Case No.: P5074

SAS No.: P5074

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		As	Ba	Be	Cd	Co
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Aramark Uniforms

SDG No.: P5074

Contract: ARAM01

Lab Code: CHEM

Case No.: P5074

SAS No.: P5074

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Cr	Cu	K	Mn	Mo
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMEN CORRECTION FACTORS

Client: Aramark Uniforms

SDG No.: P5074

Contract: ARAM01

Lab Code: CHEM

Case No.: P5074

SAS No.: P5074

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		Na	Ni	Pb	Sb	Se
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Aramark Uniforms

SDG No.: P5074

Contract: ARAM01

Lab Code: CHEM

Case No.: P5074

SAS No.: P5074

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Sn	Ti	Tl	V	Zn
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000



METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client: Aramark Uniforms **SDG No.:** P5074
Contract: ARAM01 **Lab Code:** CHEM **Method:** _____
Case No.: P5074 **SAS No.:** P5074

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB165437							
P5074-02	COMP	SAM	WATER	12/06/2024	30.0	30.0	
P5074-02DUP	COMPDUP	DUP	WATER	12/06/2024	30.0	30.0	
P5074-02MS	COMPMS	MS	WATER	12/06/2024	30.0	30.0	
P5074-02MSD	COMPMSD	MSD	WATER	12/06/2024	30.0	30.0	
PB165437BL	PB165437BL	MB	WATER	12/06/2024	30.0	30.0	
PB165437BS	PB165437BS	LCS	WATER	12/06/2024	30.0	30.0	

Metals

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SAMPLE PREPARATION SUMMARY

Client: Aramark Uniforms **SDG No.:** P5074
Contract: ARAM01 **Lab Code:** CHEM **Method:**
Case No.: P5074 **SAS No.:** P5074

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB165464							
P5074-02	COMP	SAM	WATER	12/09/2024	50.0	25.0	
P5093-02DUP	LL-001-FB-12-4-24DUP	DUP	WATER	12/09/2024	50.0	25.0	
P5093-02MS	LL-001-FB-12-4-24MS	MS	WATER	12/09/2024	50.0	25.0	
P5093-02MSD	LL-001-FB-12-4-24MSD	MSD	WATER	12/09/2024	50.0	25.0	
PB165464BL	PB165464BL	MB	WATER	12/09/2024	50.0	25.0	
PB165464BS	PB165464BS	LCS	WATER	12/09/2024	50.0	25.0	

metals
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ANALYSIS RUN LOG

Client: Aramark Uniforms **Contract:** ARAM01

Lab code: CHEM **Case no.:** P5074 **Sas no.:** P5074 **Sdg no.:** P5074

Instrument id number: **Method:** **Run number:** LB133780

Start date: 12/06/2024 **End date:** 12/06/2024

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1118	HG
S0.2	S0.2	1	1120	HG
S2.5	S2.5	1	1123	HG
S5	S5	1	1125	HG
S7.5	S7.5	1	1130	HG
S10	S10	1	1135	HG
ICV11	ICV11	1	1138	HG
ICB11	ICB11	1	1140	HG
CCV95	CCV95	1	1142	HG
CCB95	CCB95	1	1145	HG
CRA	CRA	1	1147	HG
PB165437BL	PB165437BL	1	1156	HG
PB165437BS	PB165437BS	1	1159	HG
P5074-02	COMP	1	1223	HG
P5074-02DUP	COMPDUP	1	1226	HG
CCV96	CCV96	1	1236	HG
CCB96	CCB96	1	1241	HG
P5074-02MS	COMPMS	1	1243	HG
P5074-02MSD	COMPMSD	1	1245	HG
P5074-02L	COMPL	5	1254	HG
P5074-02A	COMPA	1	1257	HG
CCV97	CCV97	1	1259	HG
CCB97	CCB97	1	1301	HG

metals
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ANALYSIS RUN LOG

Client: Aramark Uniforms **Contract:** ARAM01

Lab code: CHEM **Case no.:** P5074 **Sas no.:** P5074 **Sdg no.:** P5074

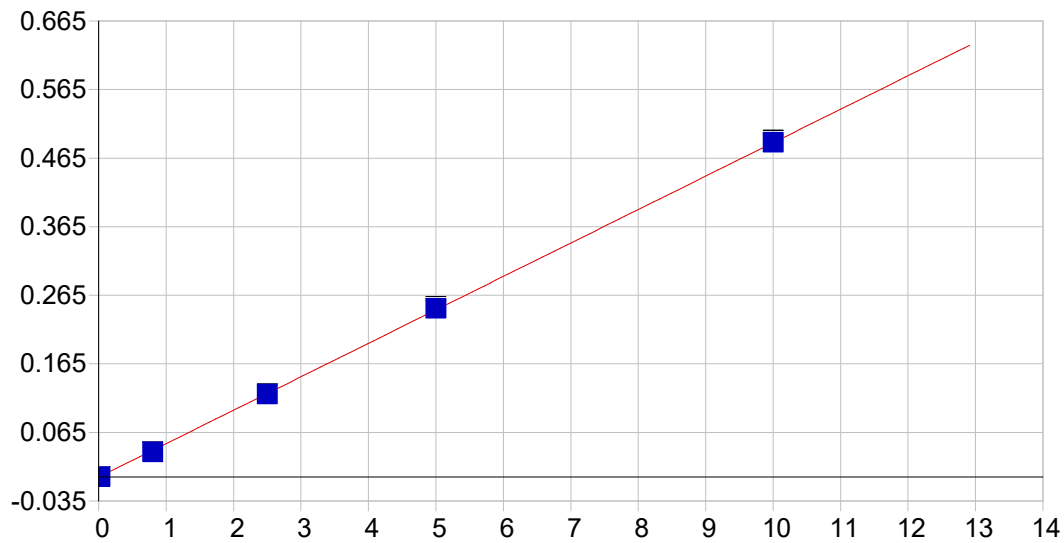
Instrument id number: **Method:** **Run number:** LB133866

Start date: 12/10/2024 **End date:** 12/10/2024

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1038	Cd,Cu,Ni,Pb,Zn
S1	S1	1	1043	Cd,Cu,Ni,Pb,Zn
S2	S2	1	1047	Cd,Cu,Ni,Pb,Zn
S3	S3	1	1051	Cd,Cu,Ni,Pb,Zn
S4	S4	1	1056	Cd,Cu,Ni,Pb,Zn
S5	S5	1	1100	Cd,Cu,Ni,Pb,Zn
ICV01	ICV01	1	1104	Cd,Cu,Ni,Pb,Zn
LLICV01	LLICV01	1	1108	Cd,Cu,Ni,Pb,Zn
ICB01	ICB01	1	1120	Cd,Cu,Ni,Pb,Zn
CRI01	CRI01	1	1124	Cd,Cu,Ni,Pb,Zn
ICSA01	ICSA01	1	1136	Cd,Cu,Ni,Pb,Zn
ICSAB01	ICSAB01	1	1140	Cd,Cu,Ni,Pb,Zn
CCV01	CCV01	1	1144	Cd,Cu,Ni,Pb,Zn
CCB01	CCB01	1	1148	Cd,Cu,Ni,Pb,Zn
PB165464BL	PB165464BL	1	1201	Cd,Cu,Ni,Pb,Zn
PB165464BS	PB165464BS	1	1206	Cd,Cu,Ni,Pb,Zn
P5074-02	COMP	1	1214	Cd,Cu,Ni,Pb,Zn
P5093-02DUP	LL-001-FB-12-4-24DUP	1	1227	Cd,Cu,Ni,Pb,Zn
P5093-02L	LL-001-FB-12-4-24L	5	1231	Cd,Cu,Ni,Pb,Zn
CCV02	CCV02	1	1235	Cd,Cu,Ni,Pb,Zn
CCB02	CCB02	1	1239	Cd,Cu,Ni,Pb,Zn
P5093-02MS	LL-001-FB-12-4-24MS	1	1244	Cd,Cu,Ni,Pb,Zn
P5093-02MSD	LL-001-FB-12-4-24MSD	1	1248	Cd,Cu,Ni,Pb,Zn
CCV03	CCV03	1	1326	Cd,Cu,Ni,Pb,Zn
CCB03	CCB03	1	1330	Cd,Cu,Ni,Pb,Zn
CCV04	CCV04	1	1419	Cd,Cu,Ni,Pb,Zn
CCB04	CCB04	1	1424	Cd,Cu,Ni,Pb,Zn



METAL RAW DATA

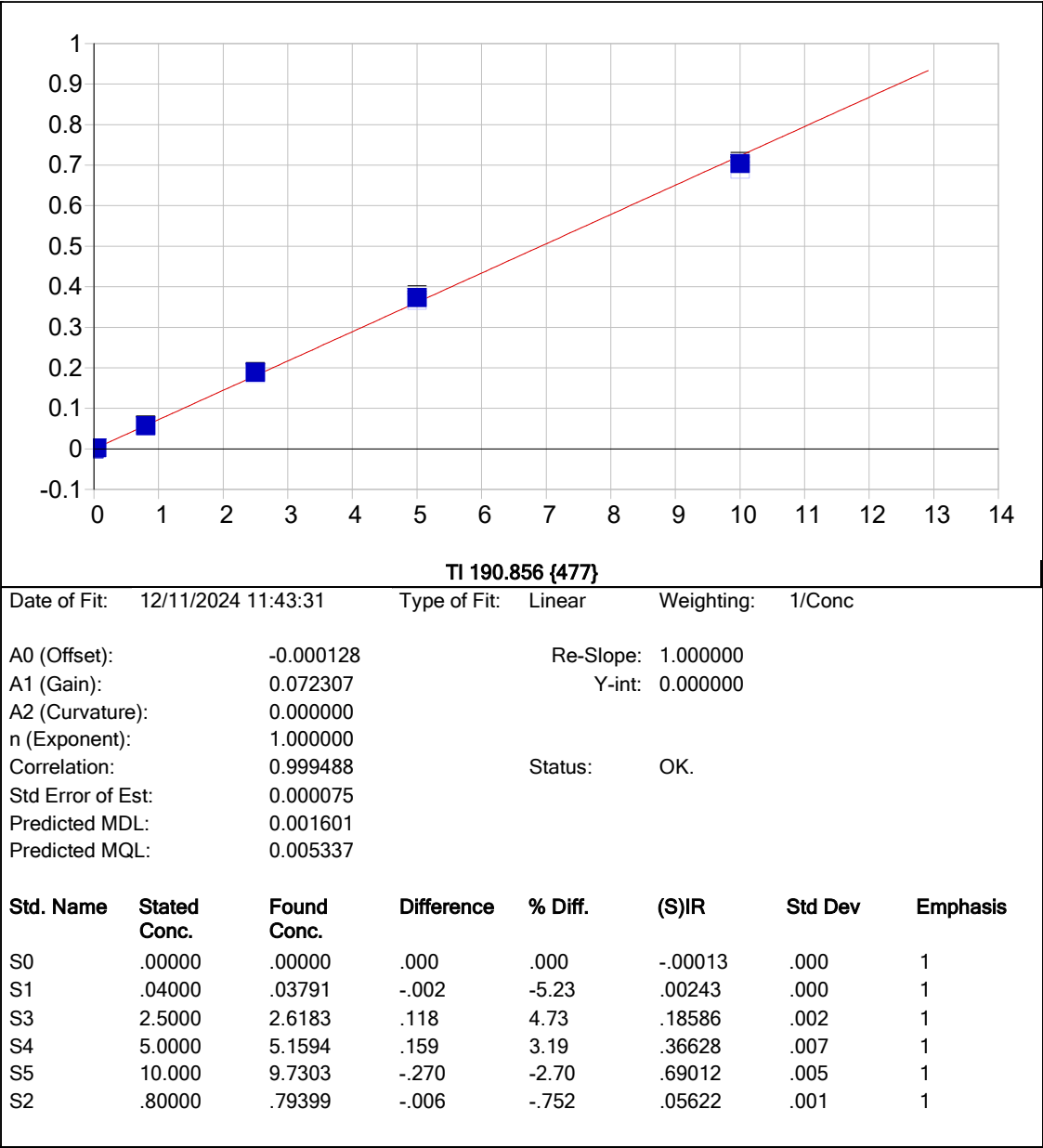


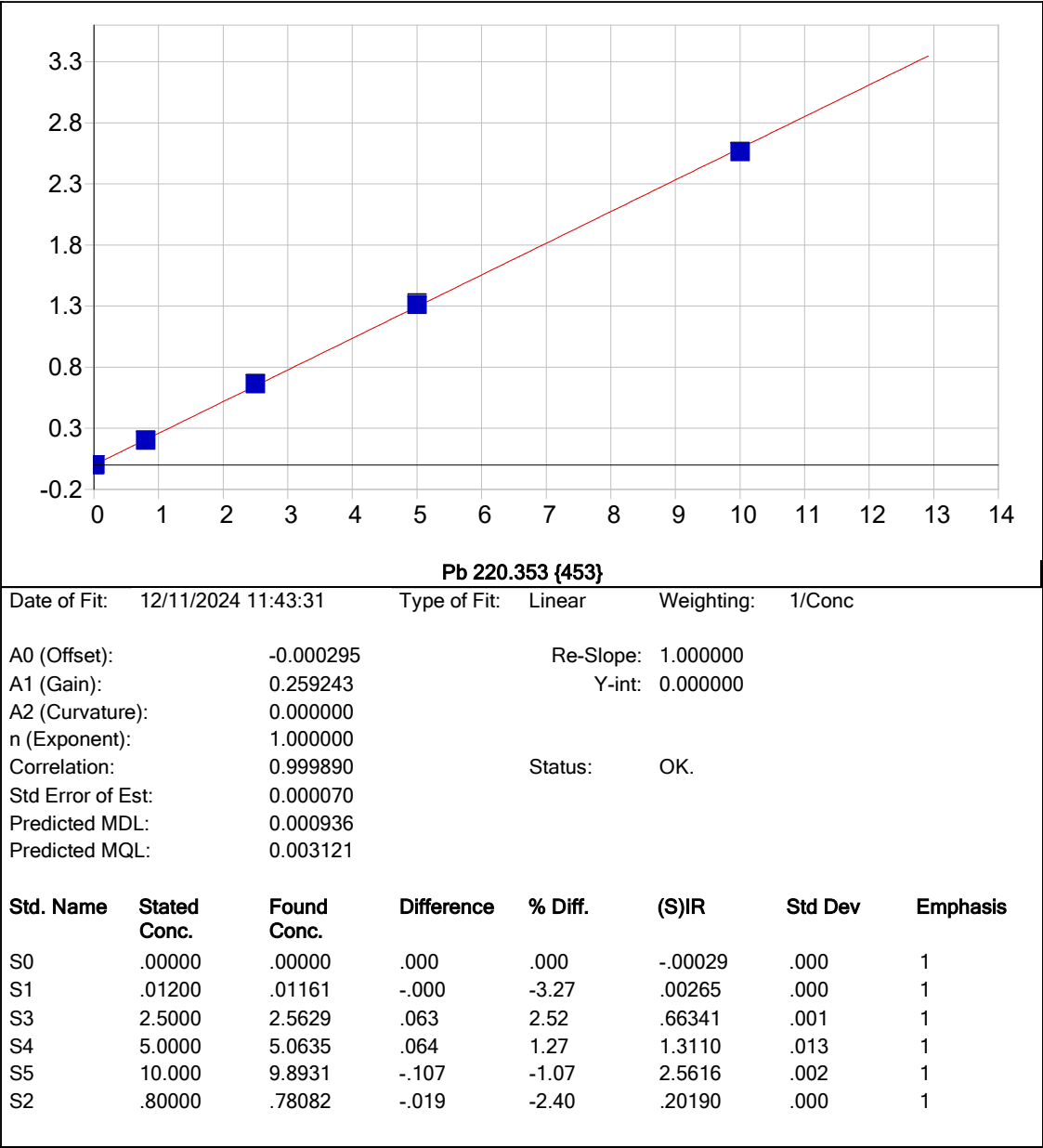
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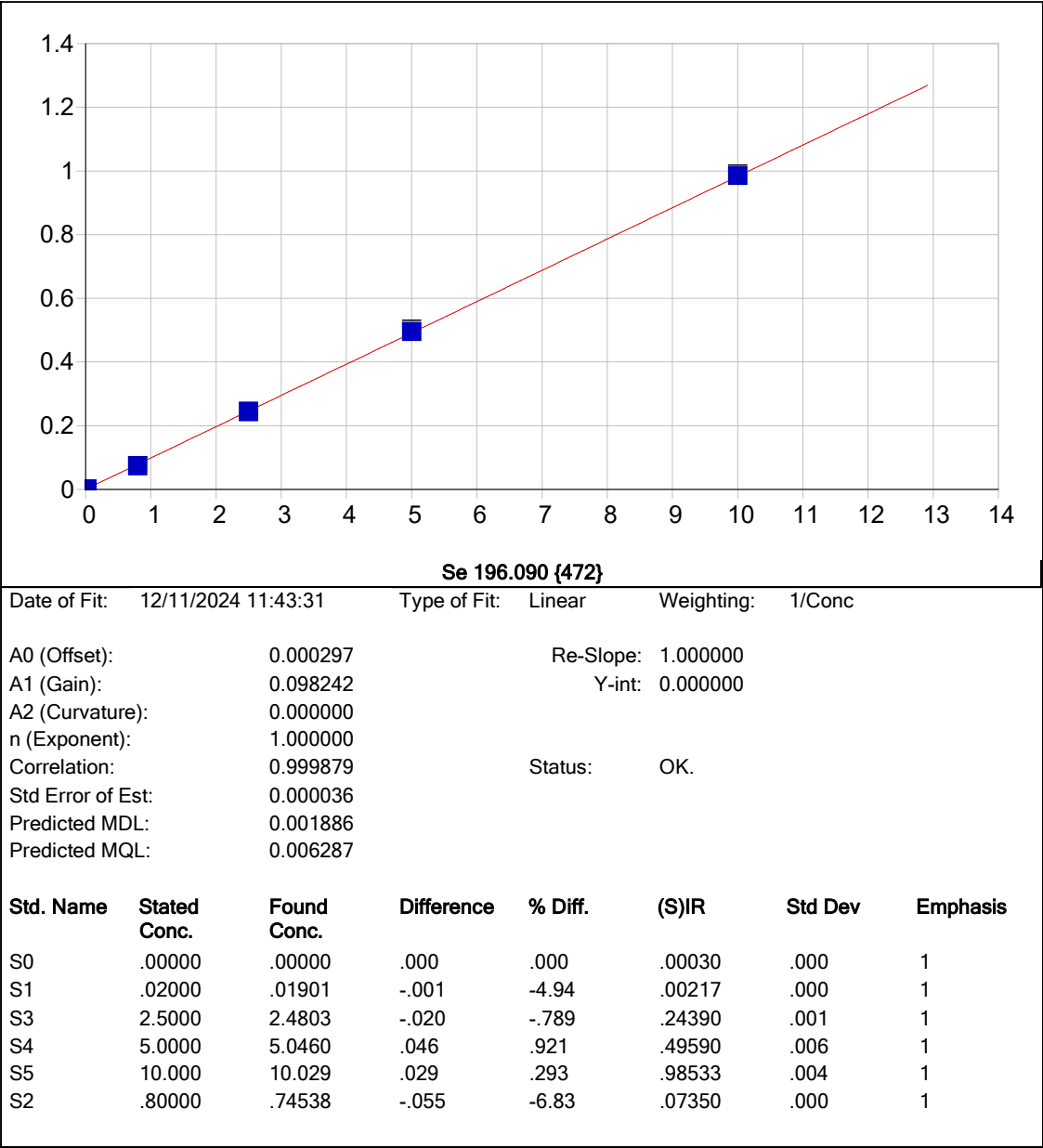
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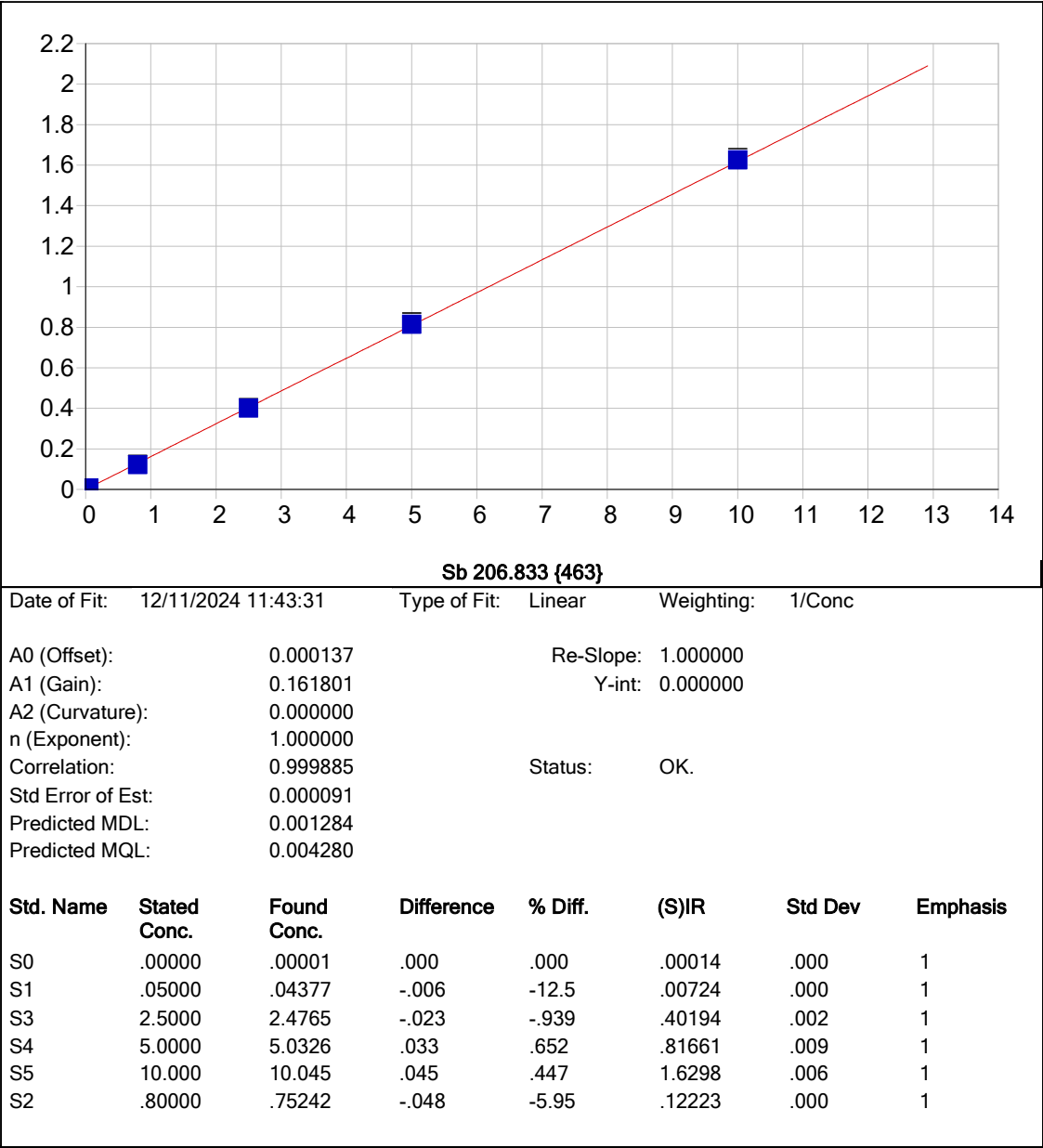
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A1 (Gain): 0.048777 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999911 Status: OK.
Std Error of Est: 0.000015
Predicted MDL: 0.002692
Predicted MQL: 0.008973

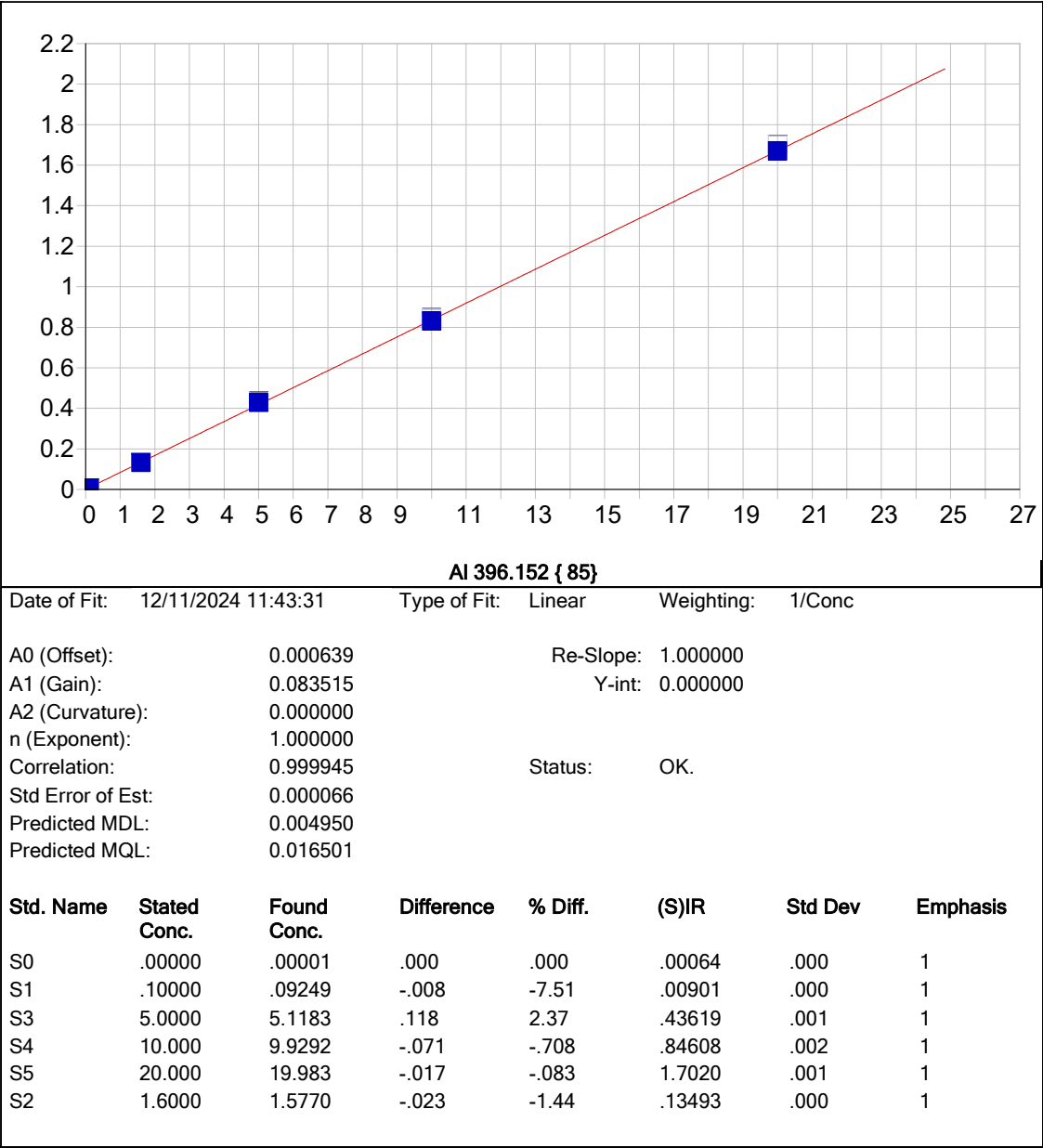
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00022	.000	1
S1	.02000	.01873	-.001	-6.35	.00068	.000	1
S3	2.5000	2.4862	-.014	-.553	.12091	.000	1
S4	5.0000	5.0475	.048	.950	.24571	.003	1
S5	10.000	10.013	.013	.133	.48767	.003	1
S2	.80000	.75426	-.046	-5.72	.03652	.000	1

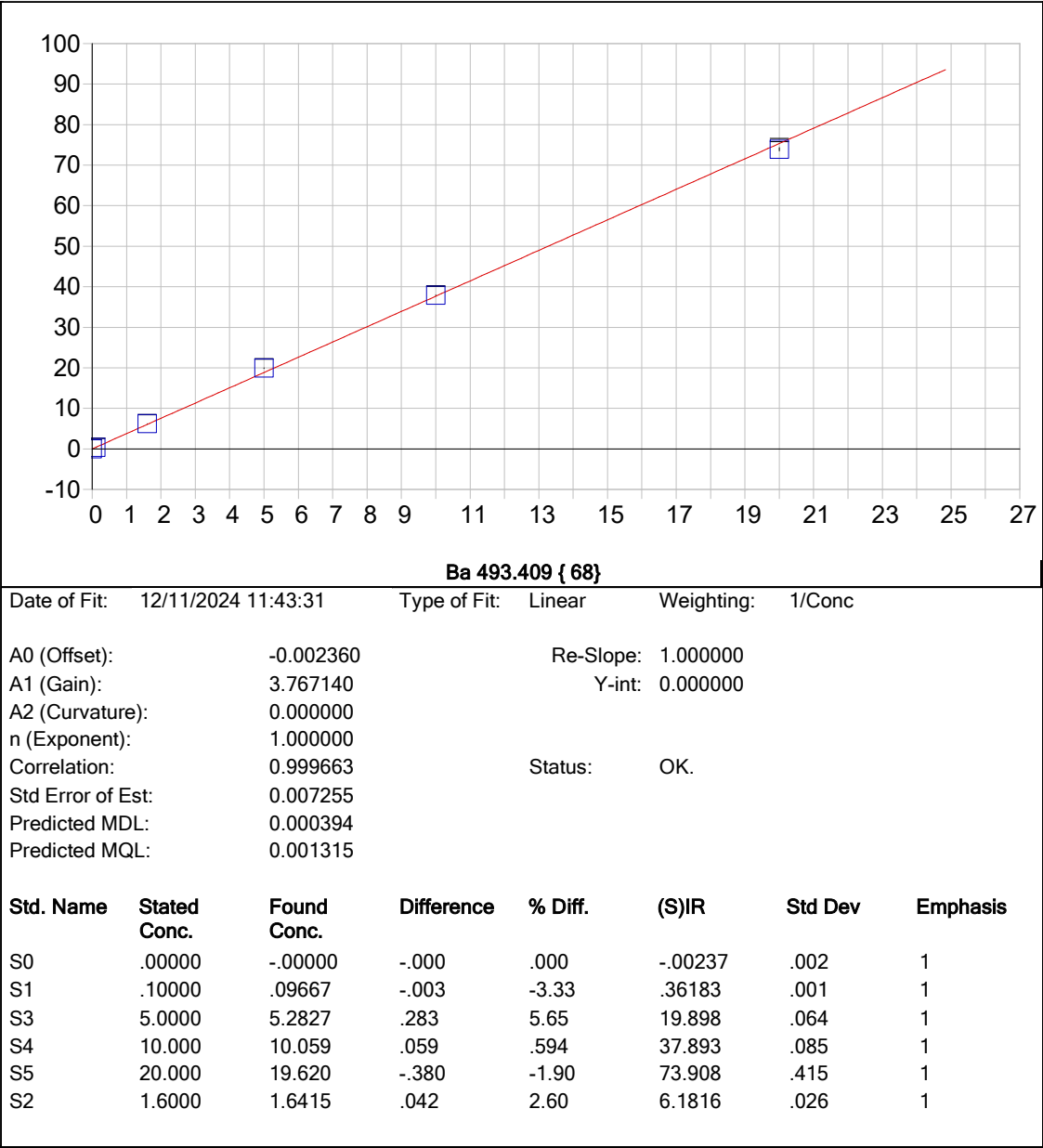


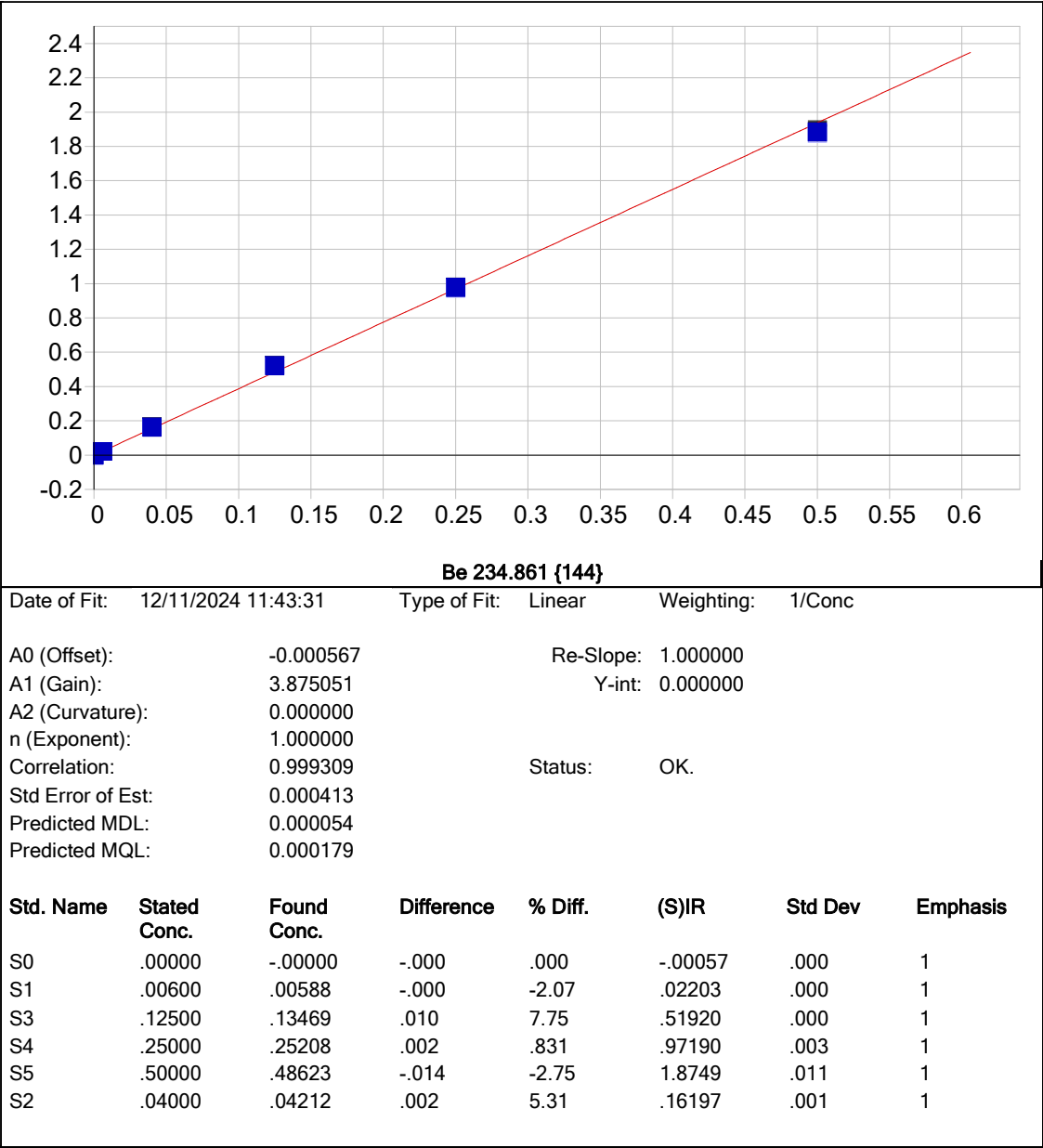


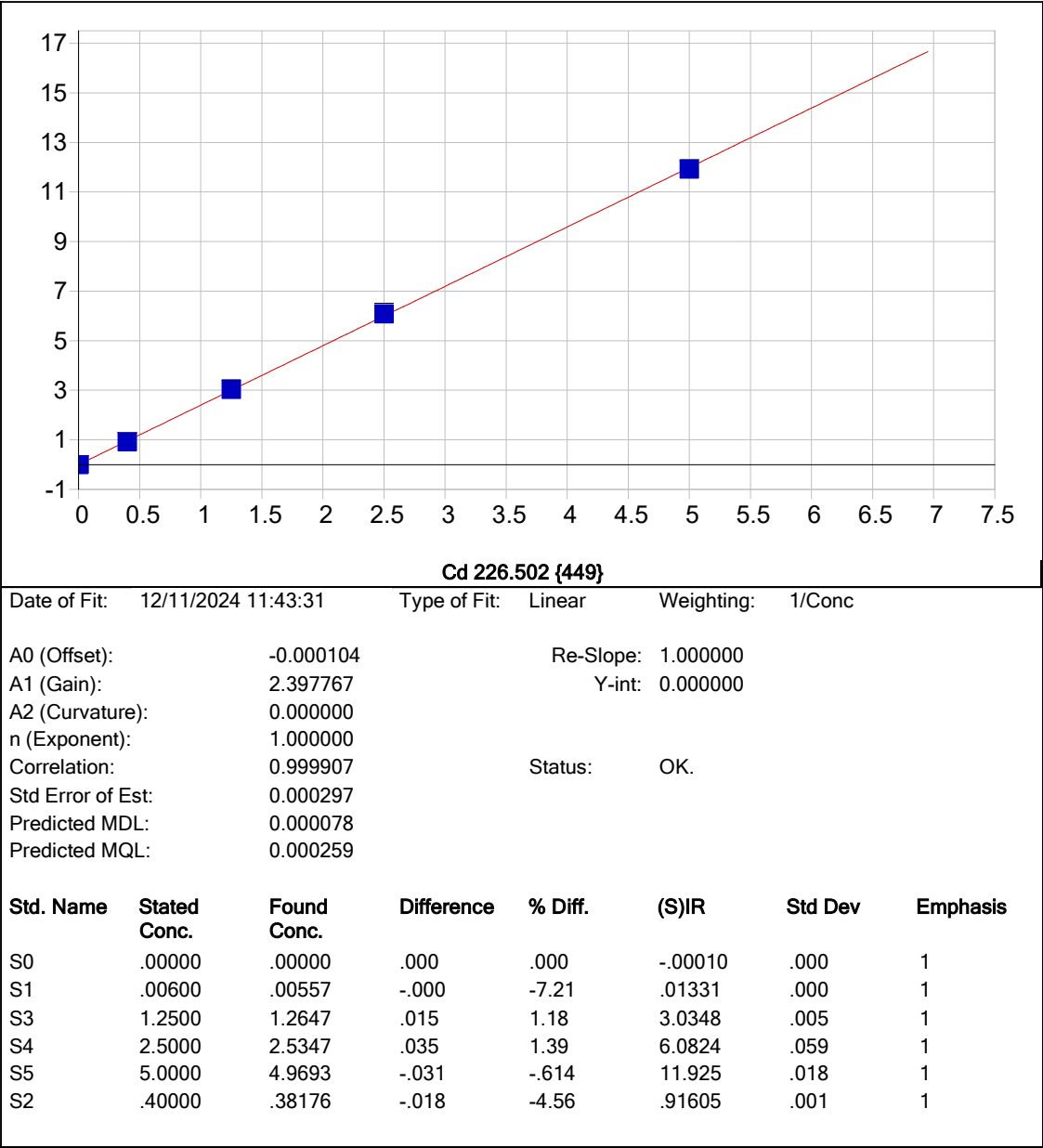


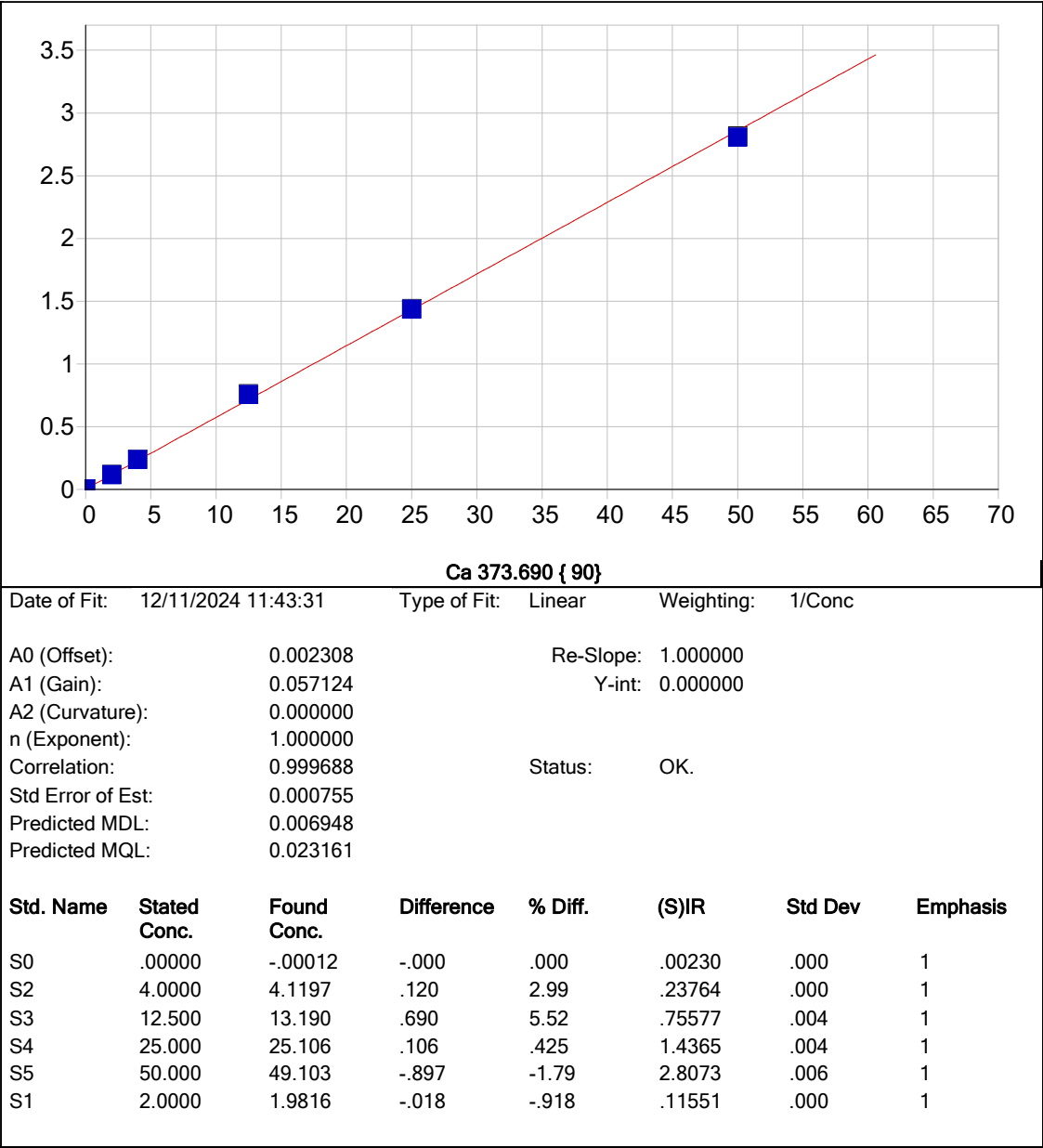


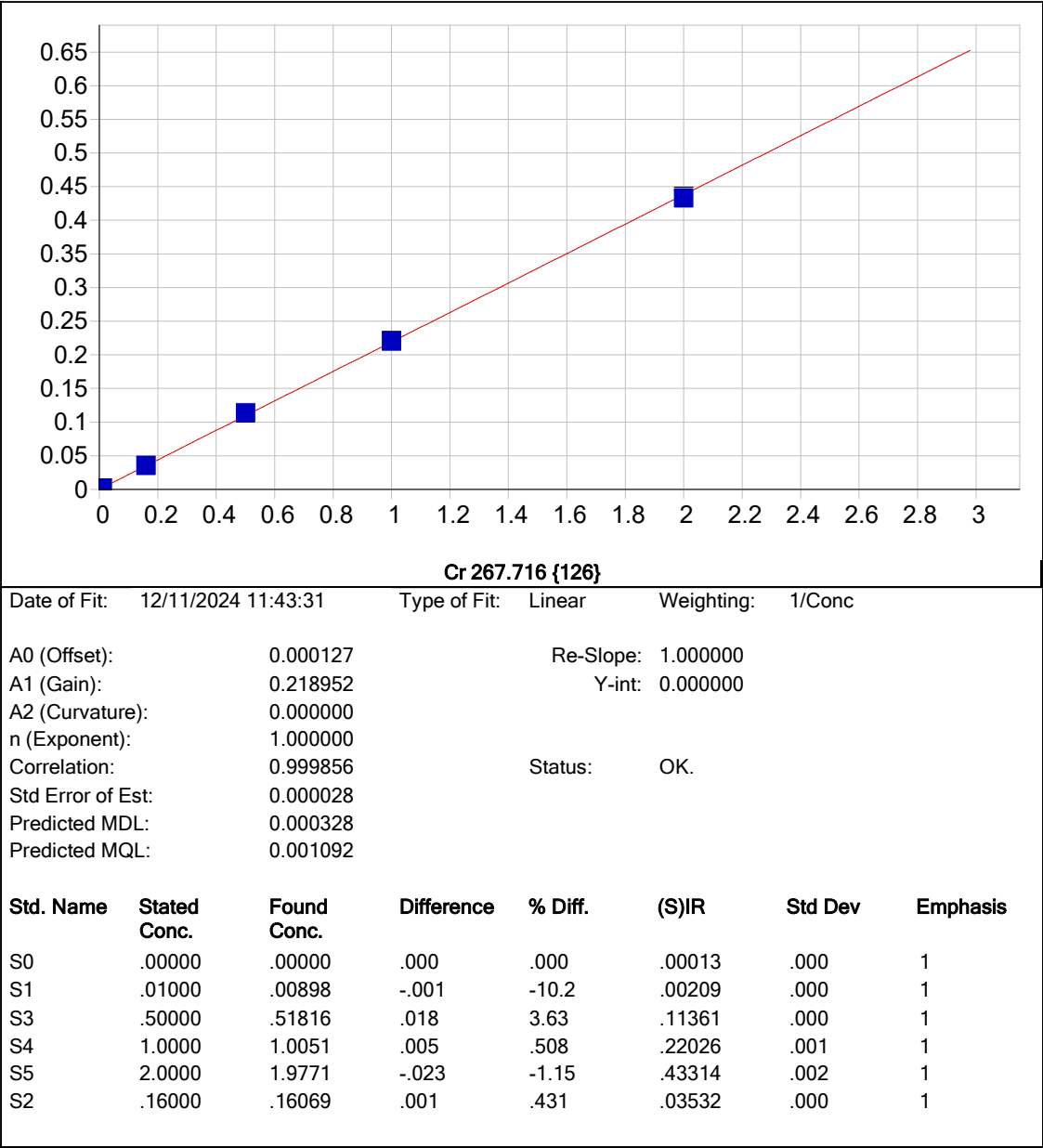


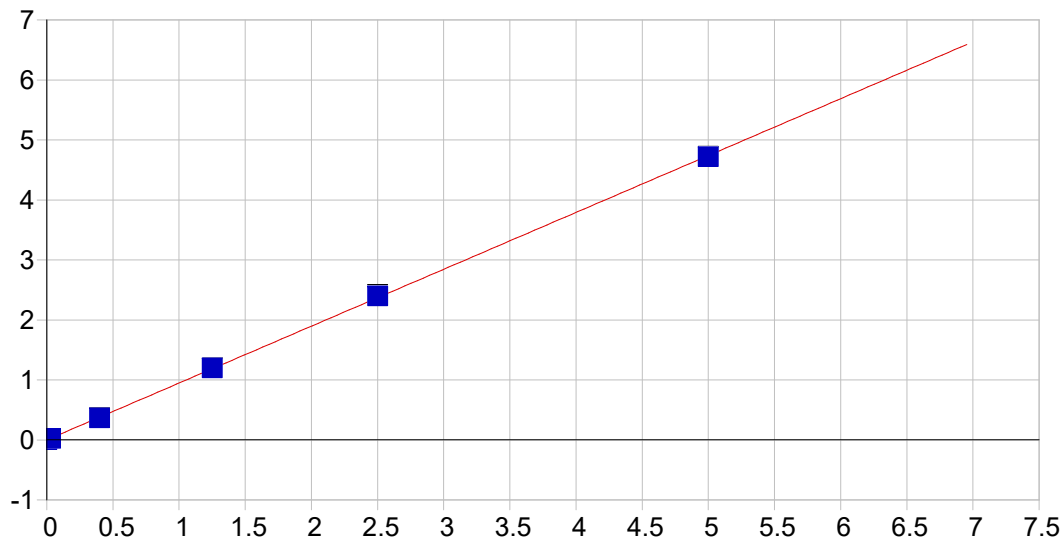










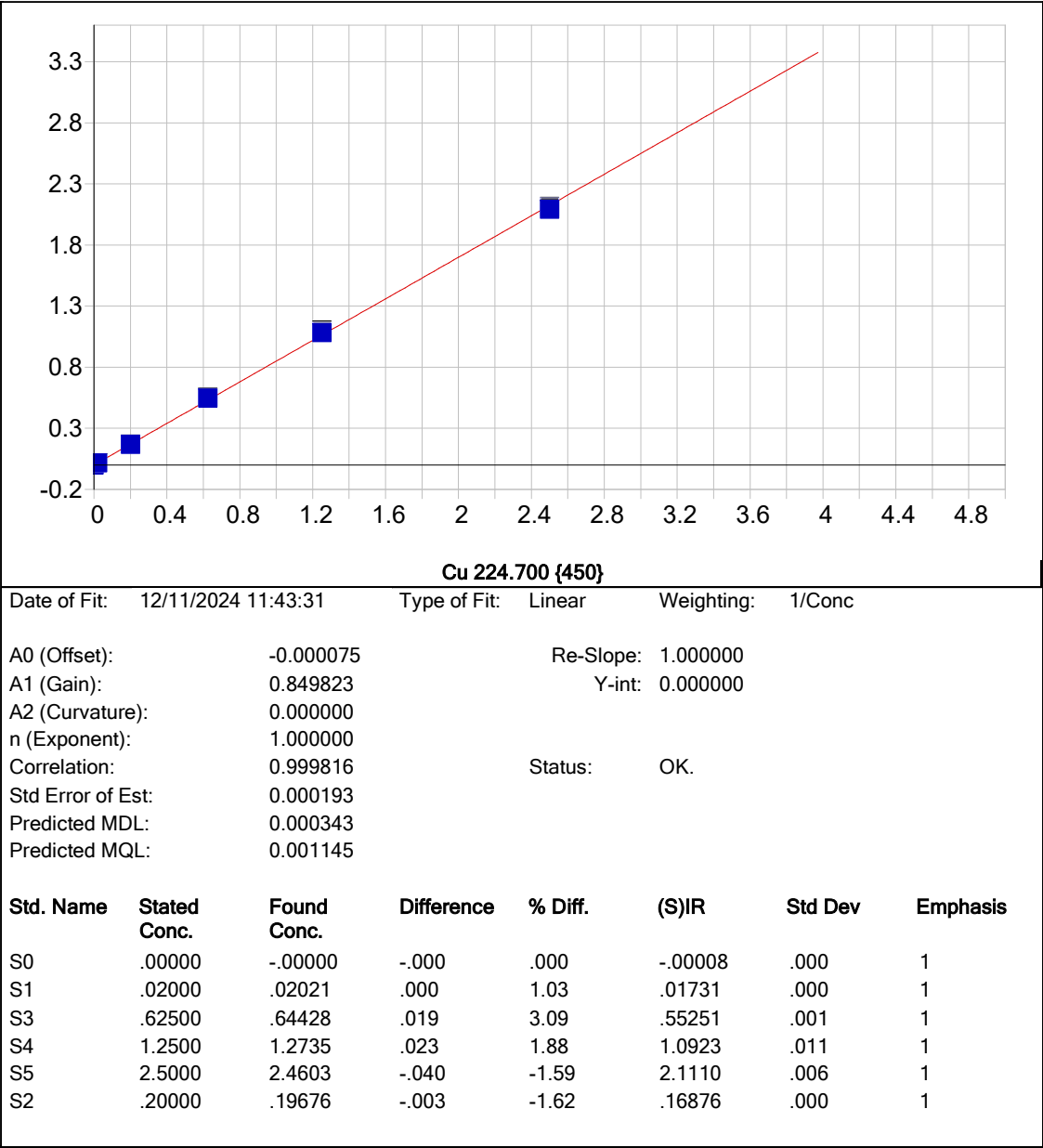


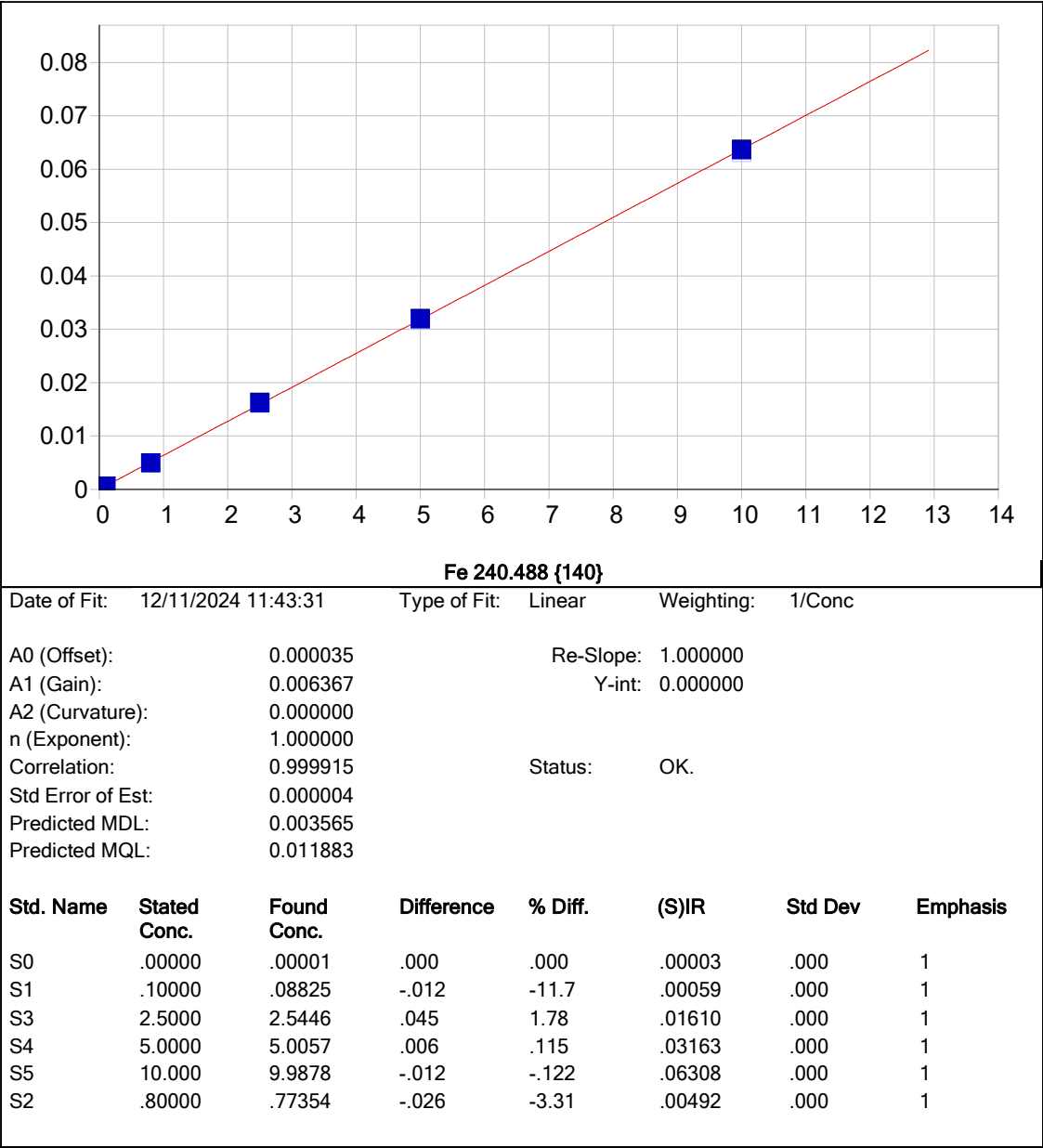
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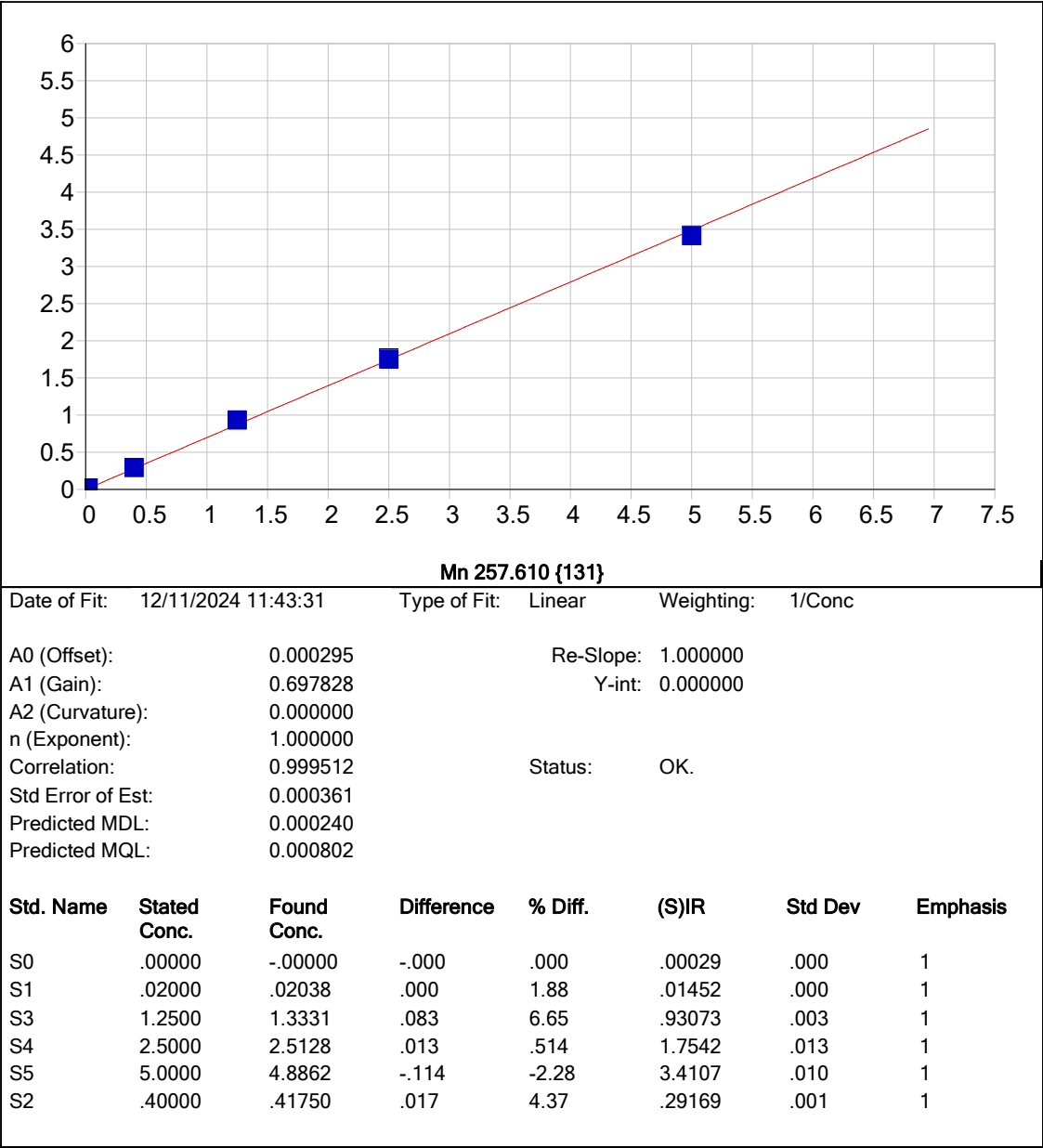
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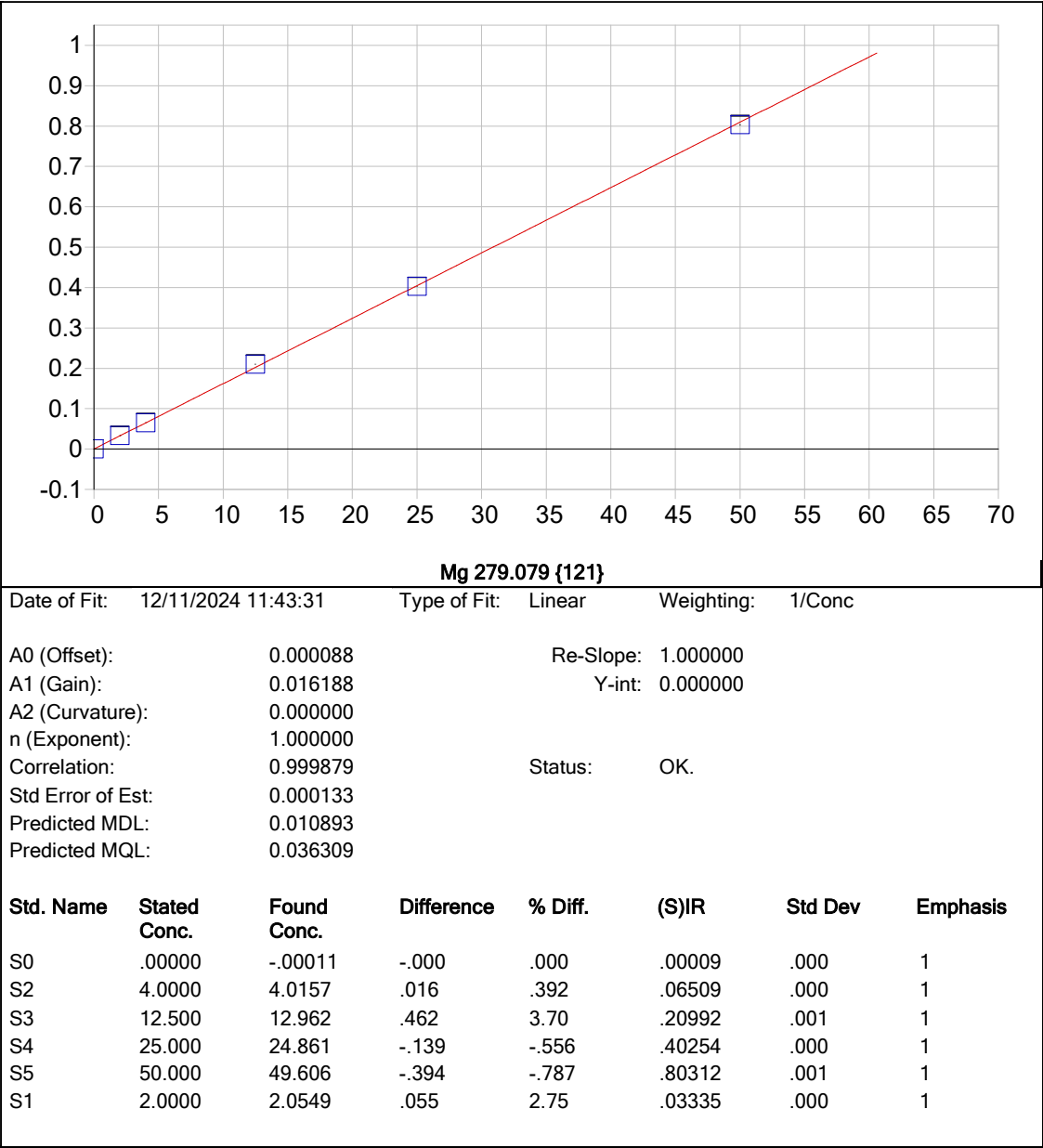
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A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999914	Status:	OK.
Std Error of Est:	0.000253		
Predicted MDL:	0.000175		
Predicted MQL:	0.000583		

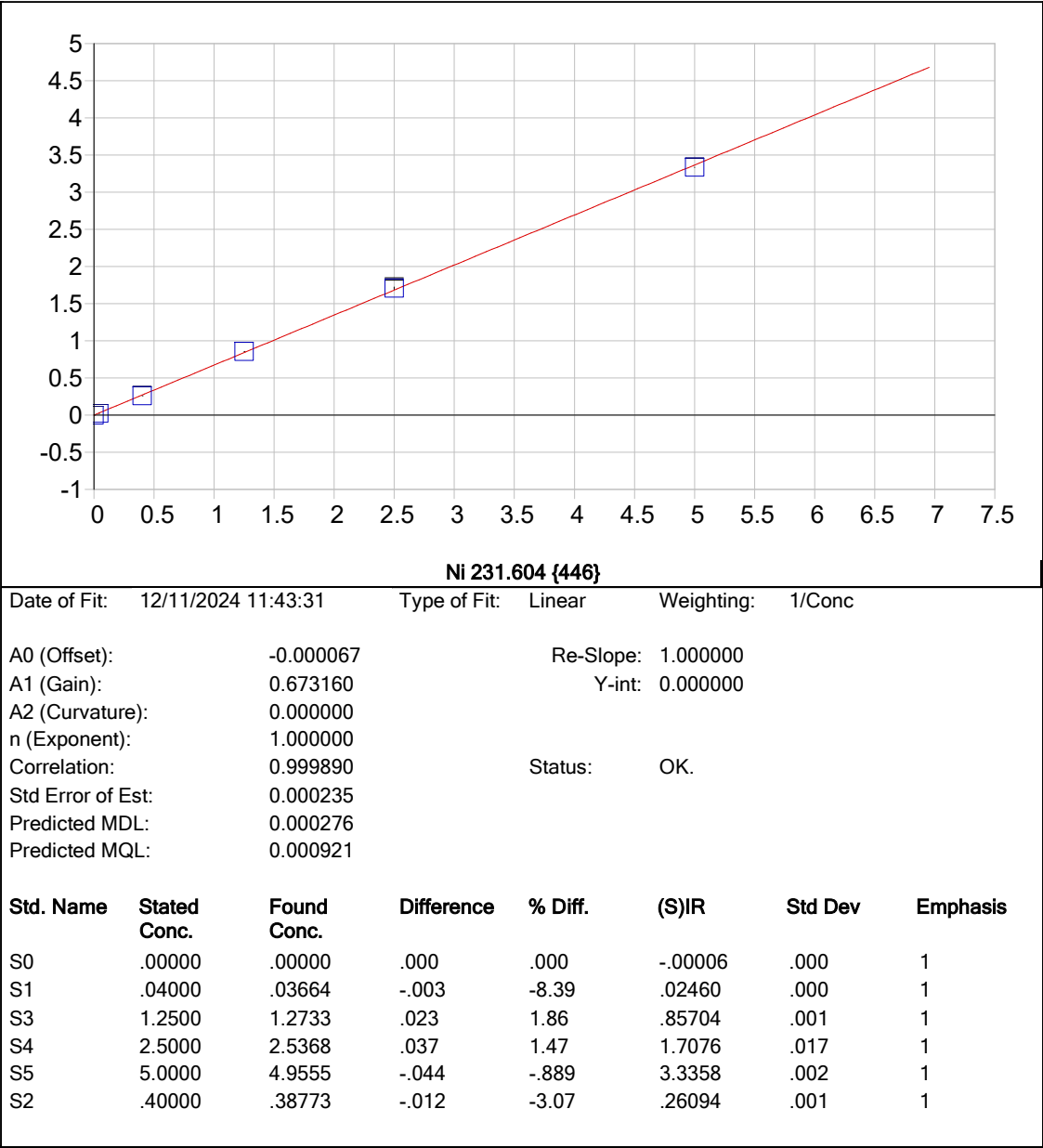
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00006	.000	1
S1	.03000	.02747	-.003	-8.42	.02598	.000	1
S3	1.2500	1.2647	.015	1.18	1.2008	.001	1
S4	2.5000	2.5298	.030	1.19	2.4018	.023	1
S5	5.0000	4.9750	-.025	-.499	4.7234	.003	1
S2	.40000	.38298	-.017	-4.26	.36369	.001	1

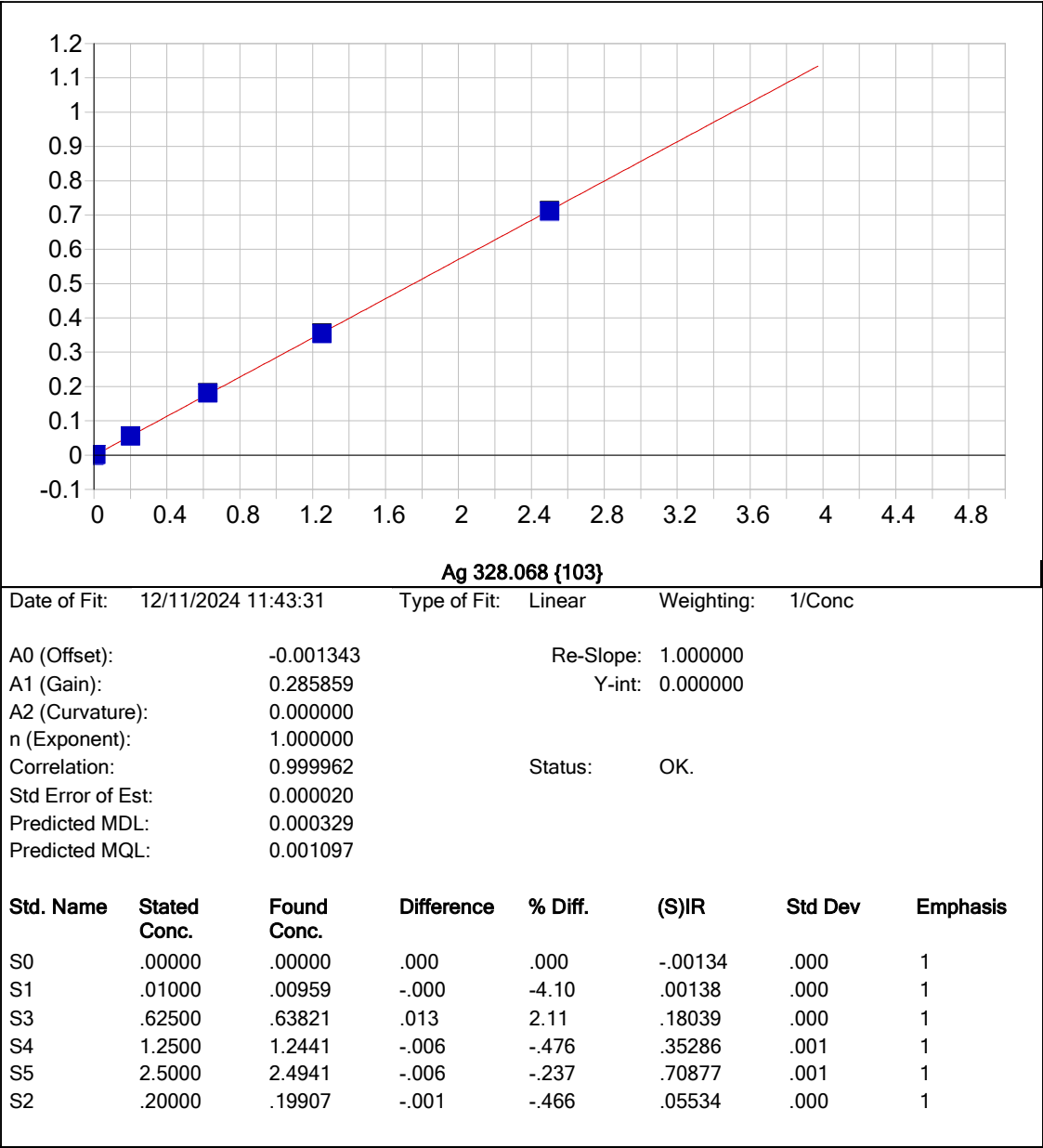


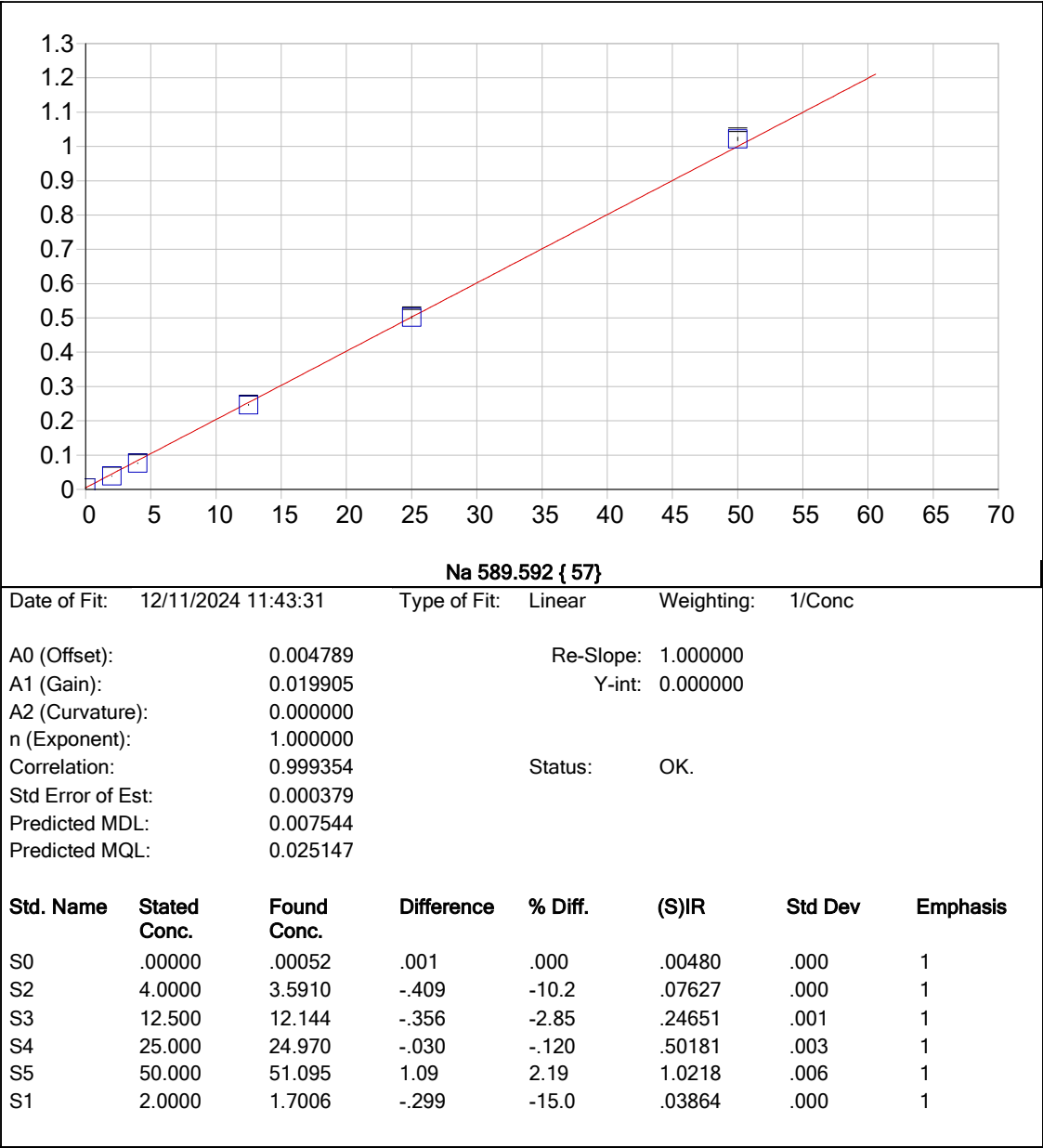


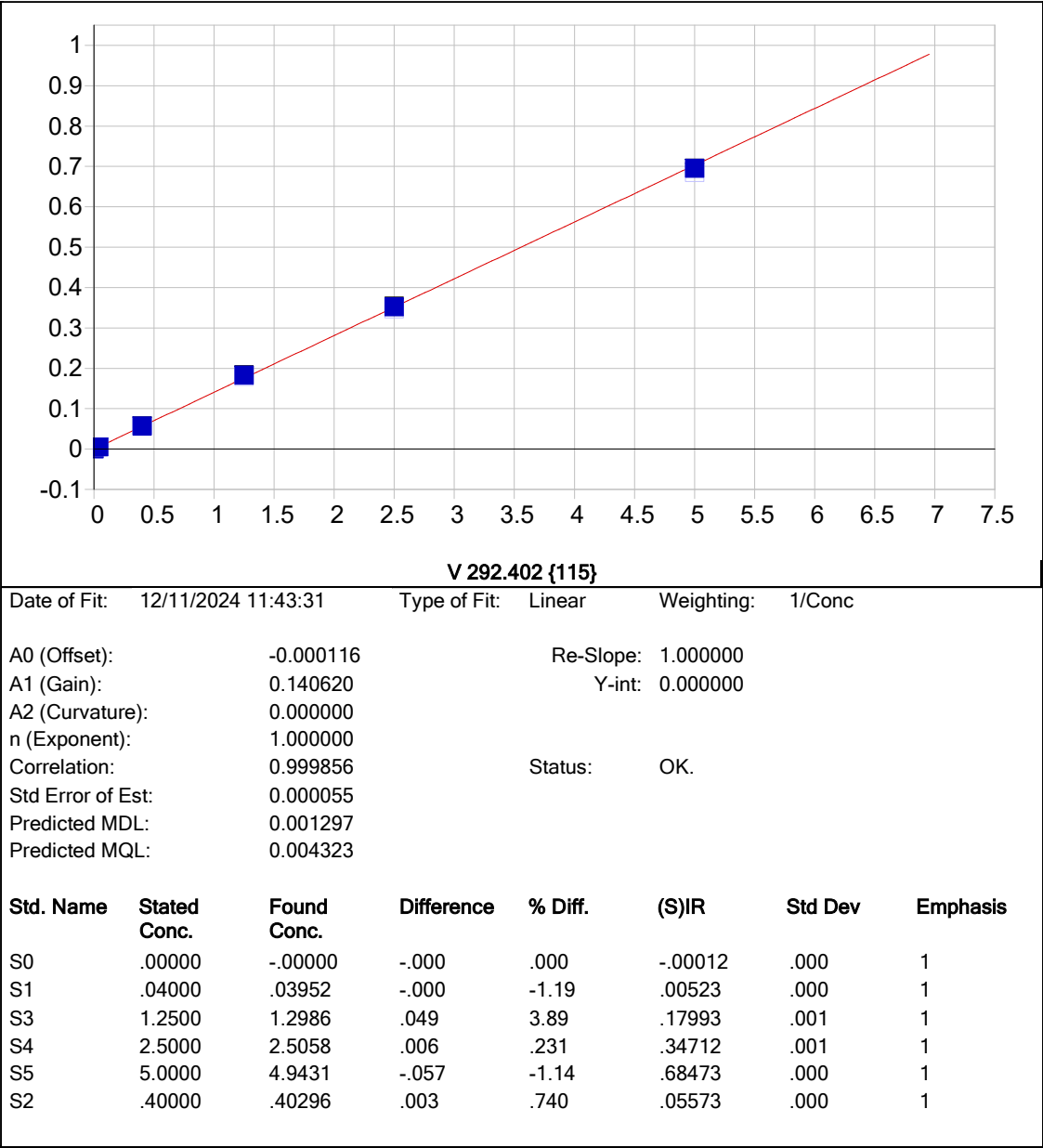


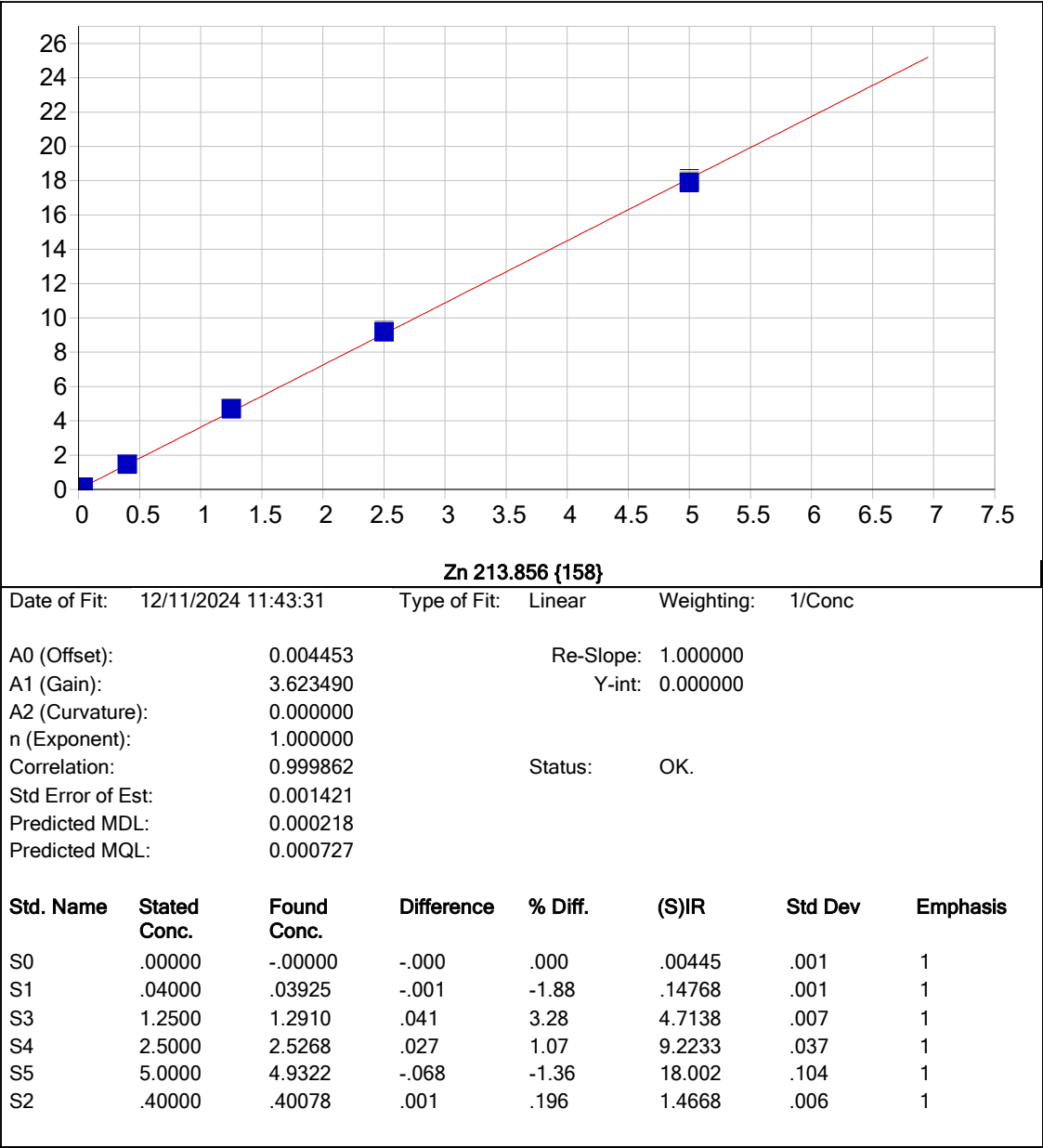


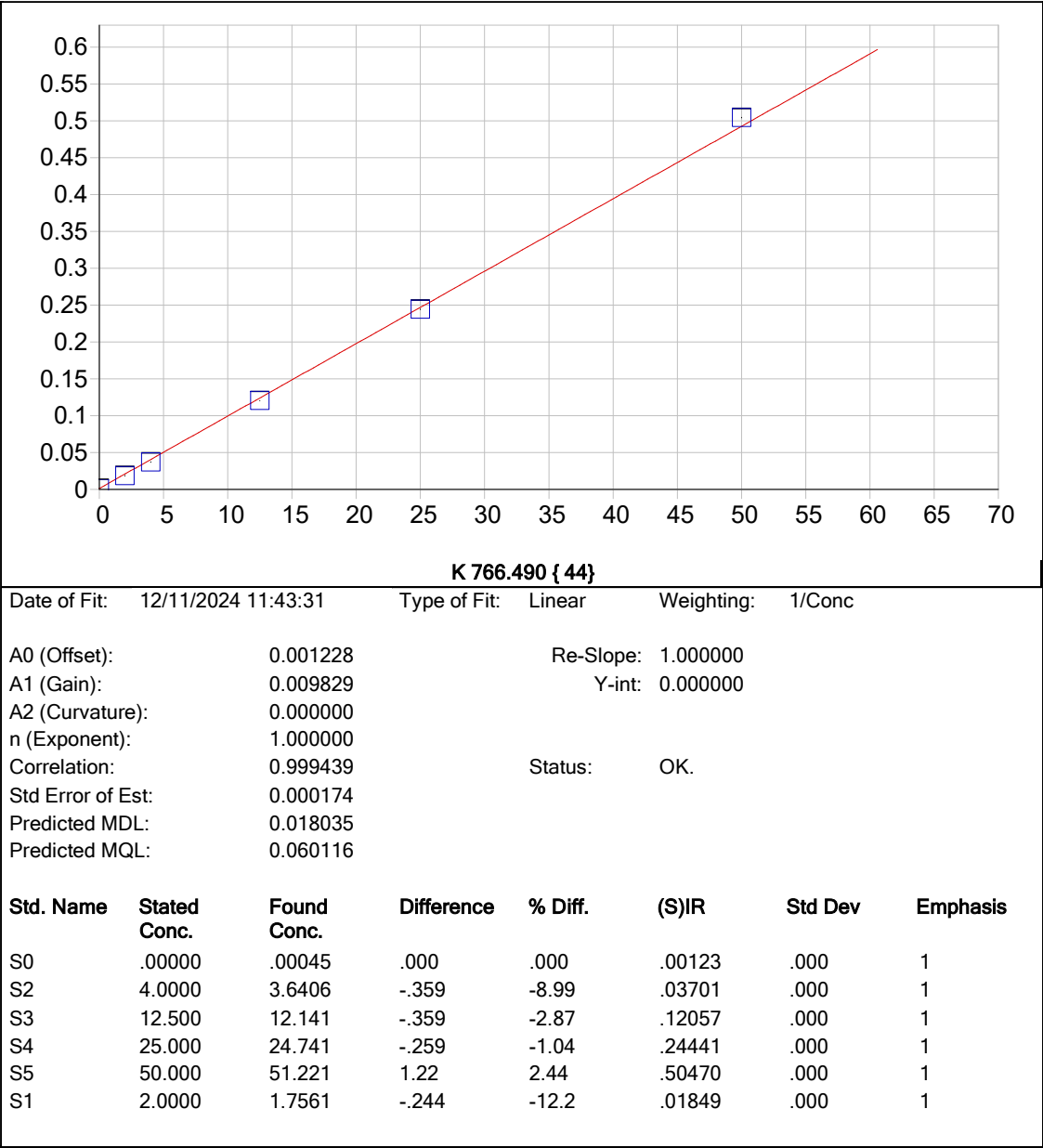


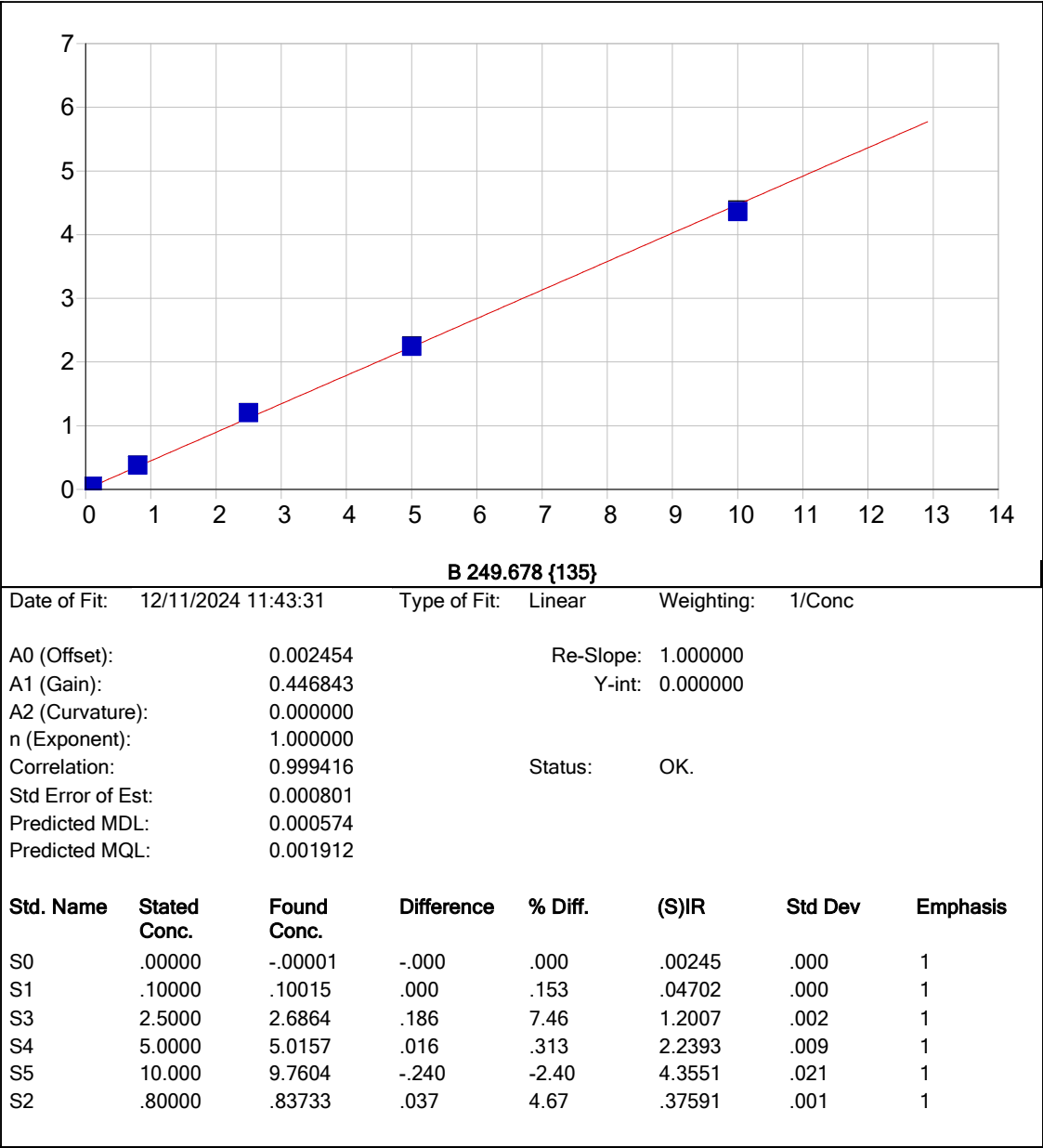


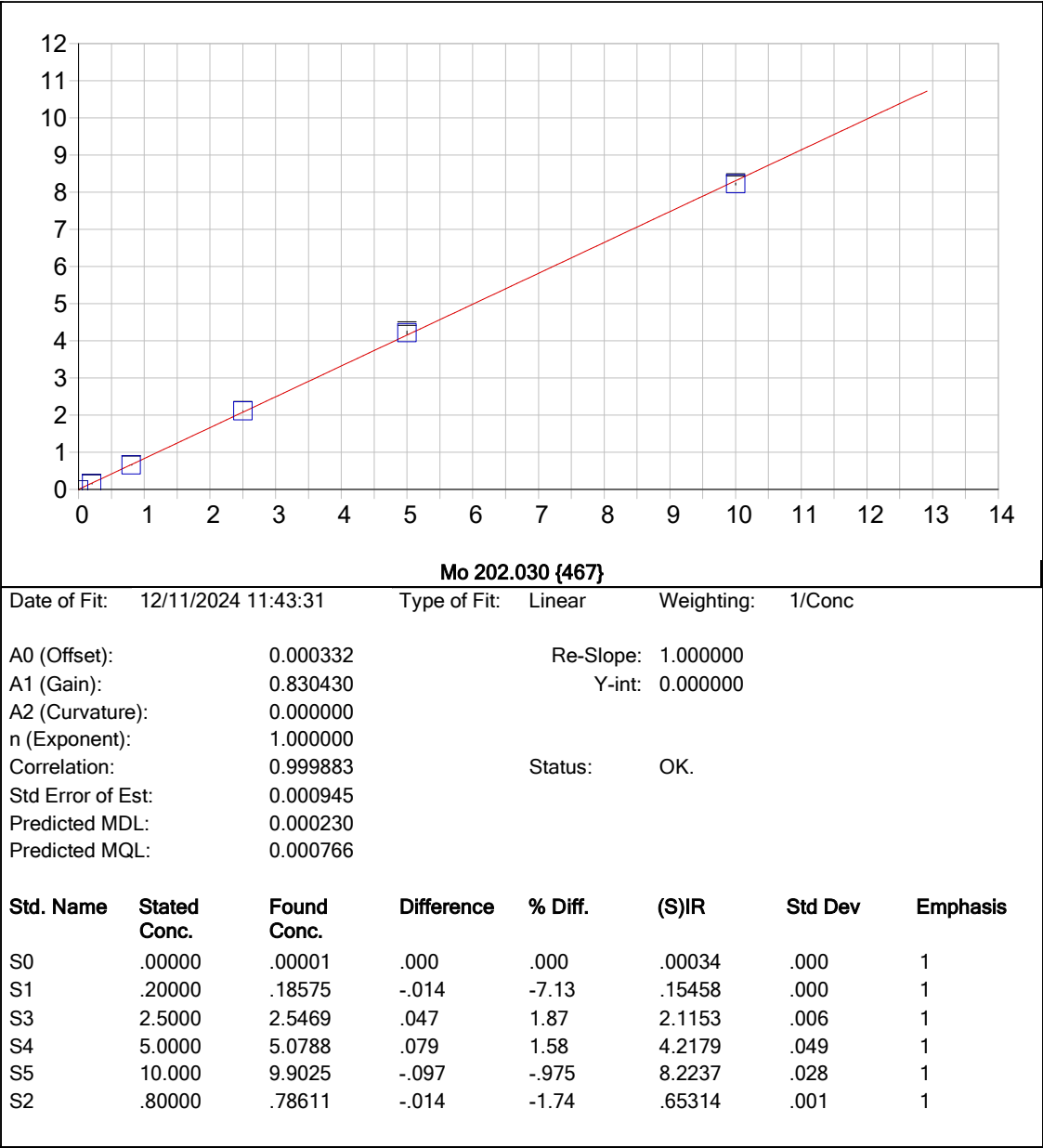


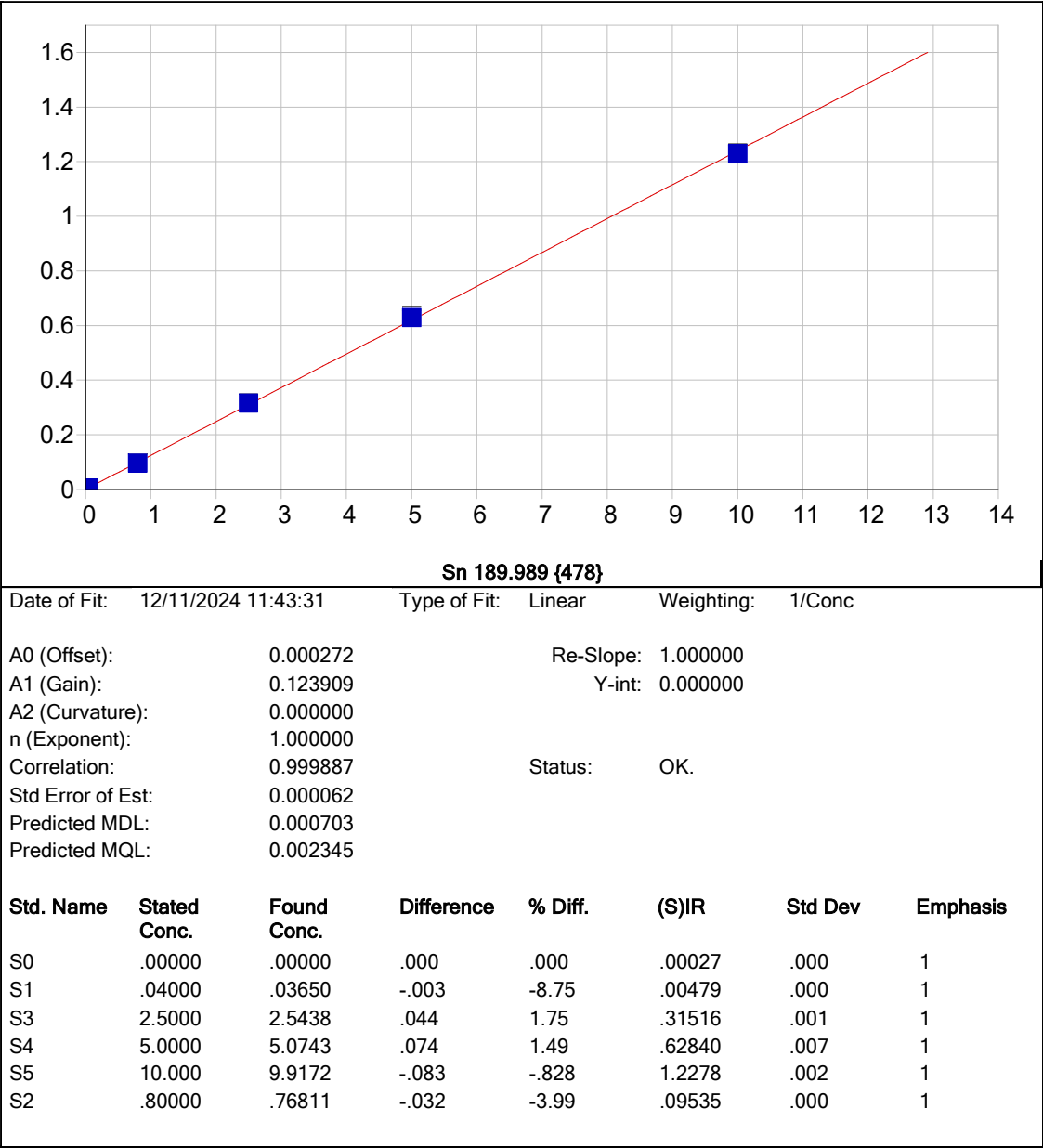


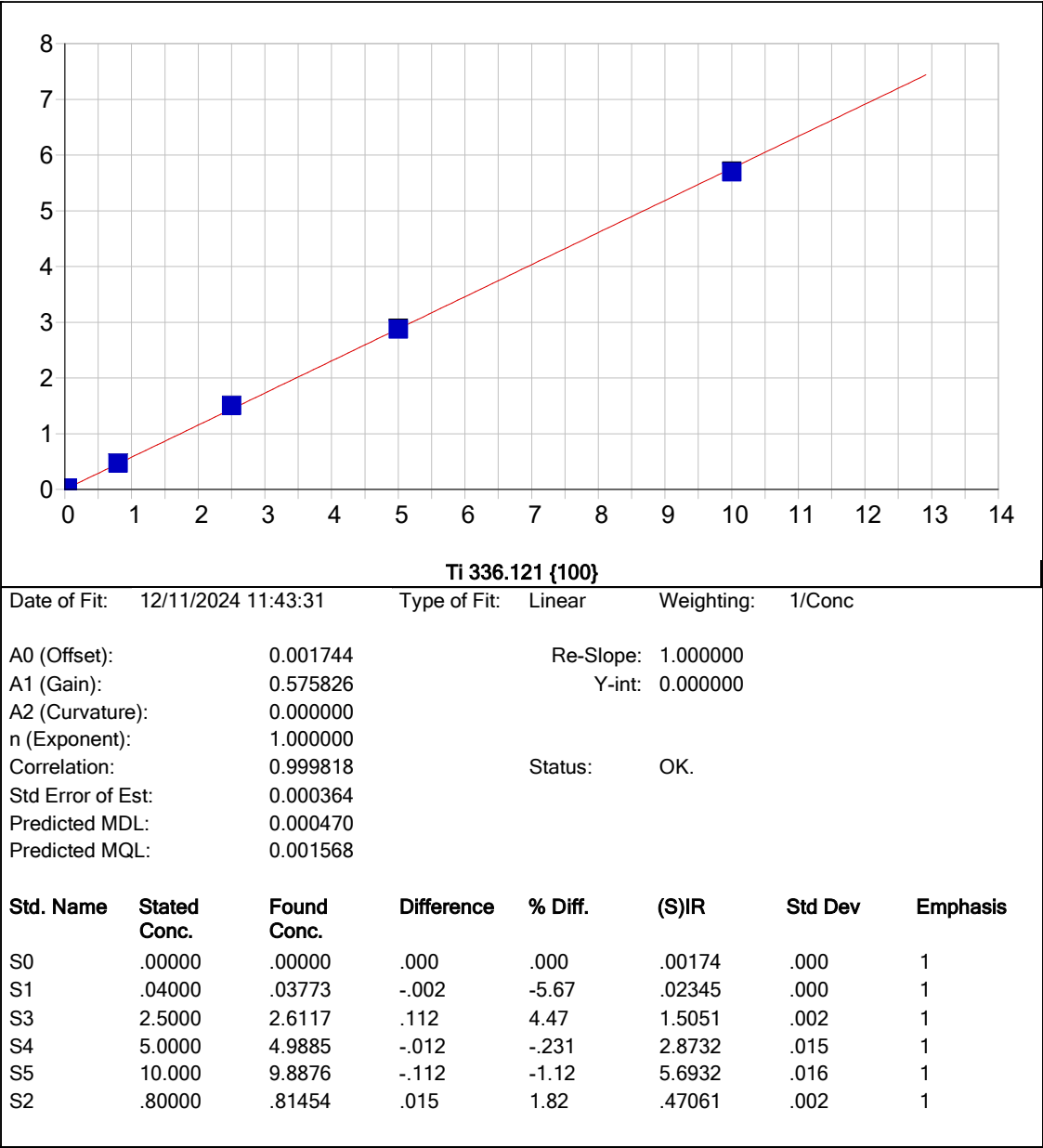


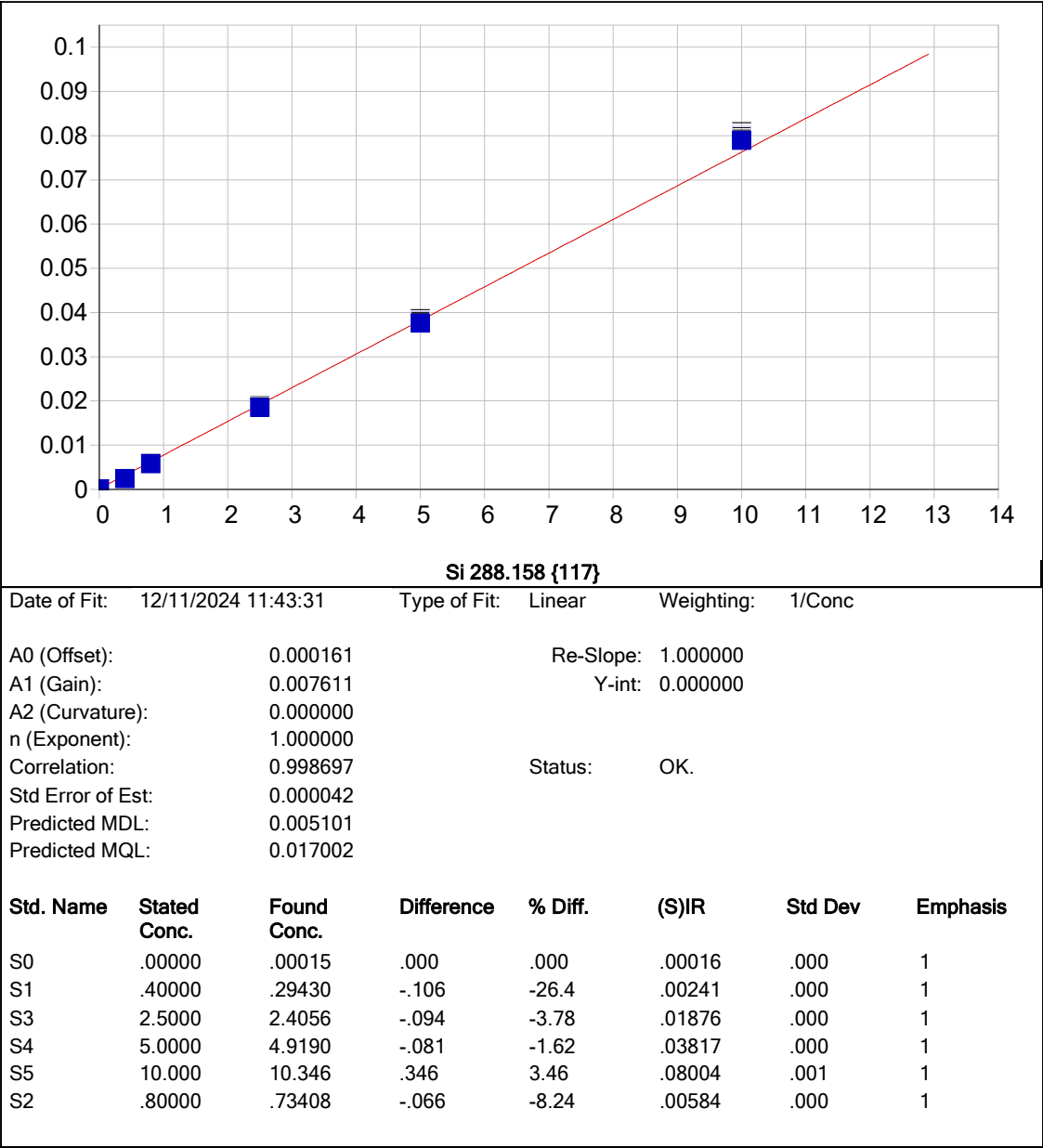


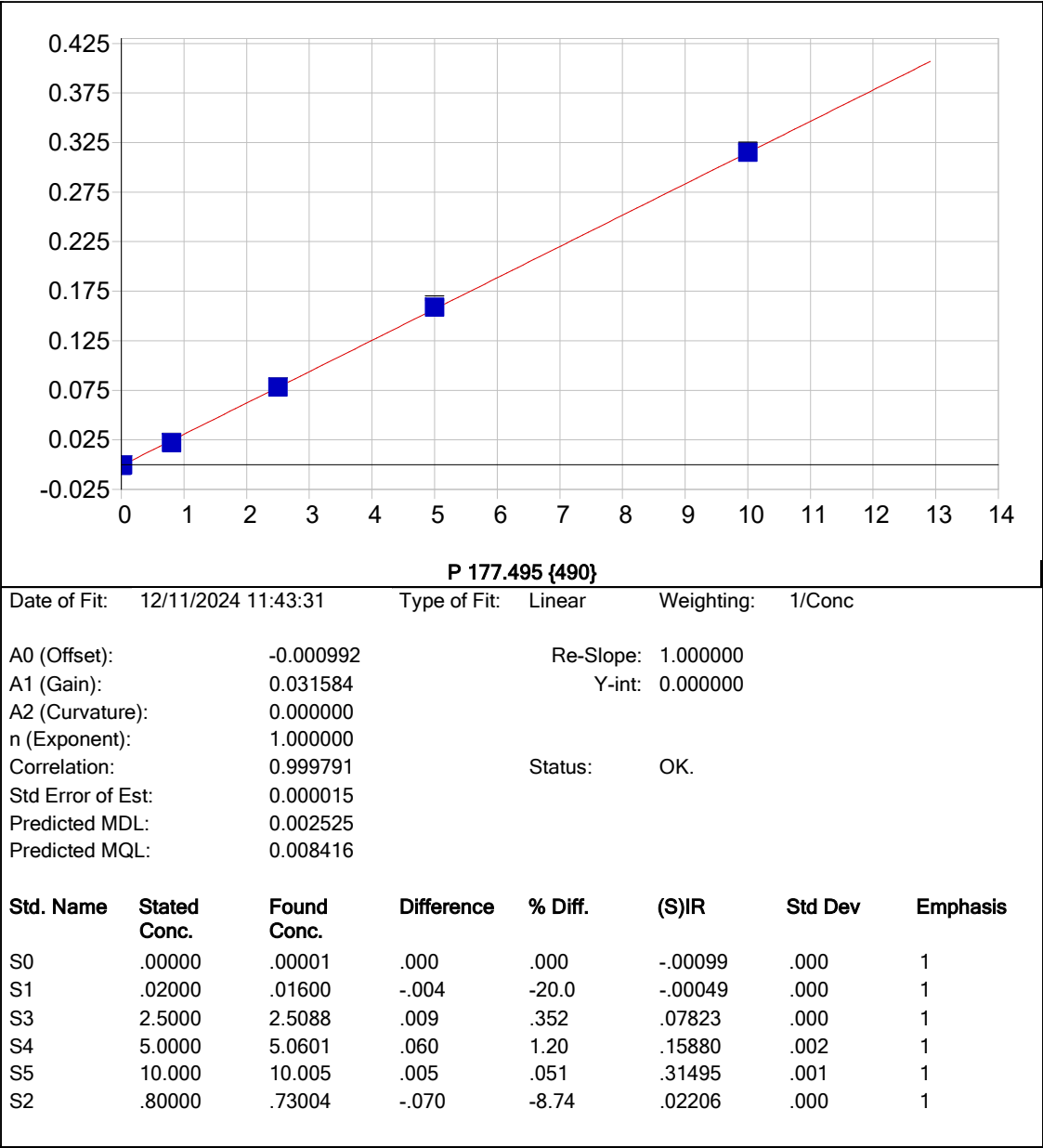


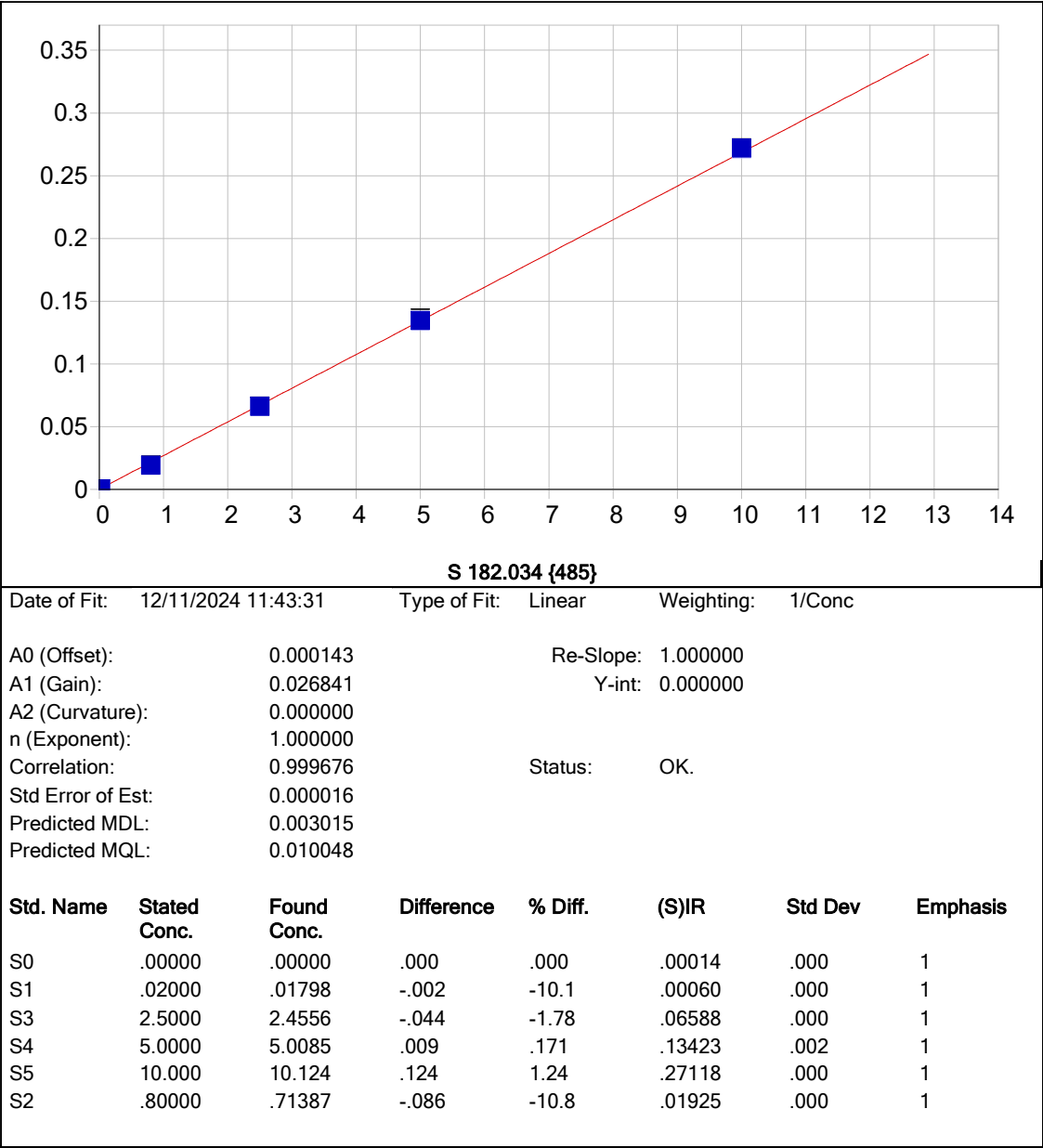


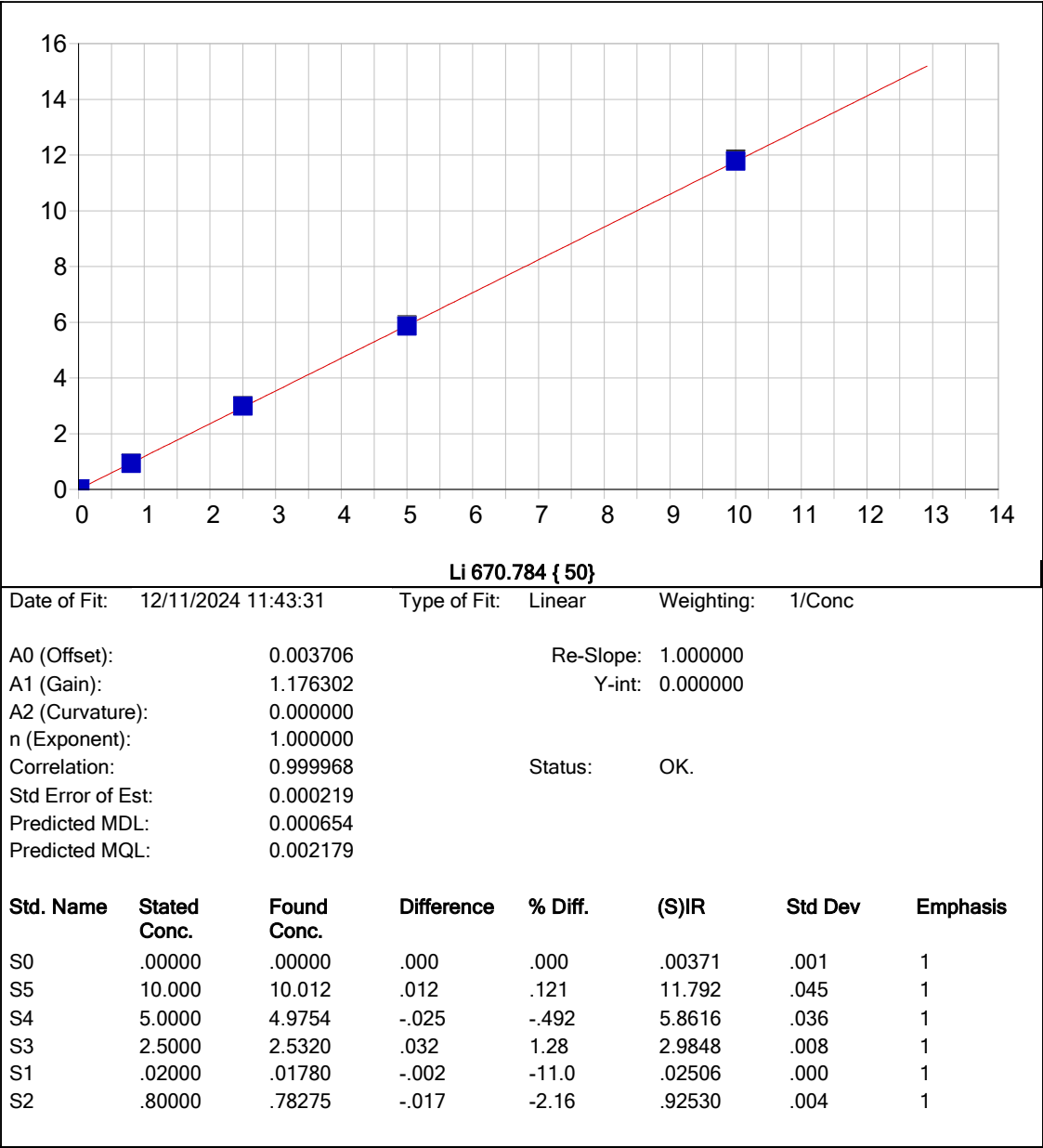


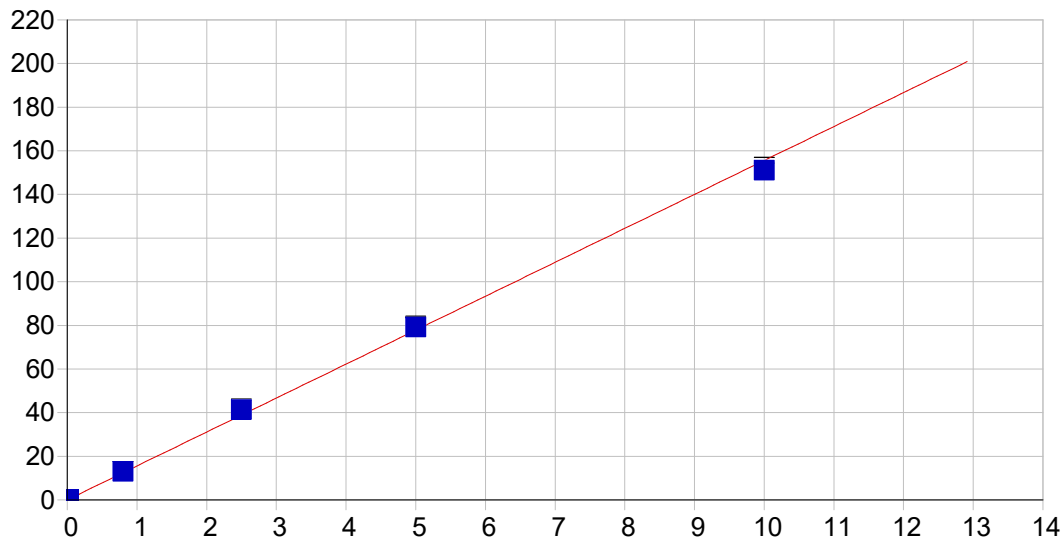










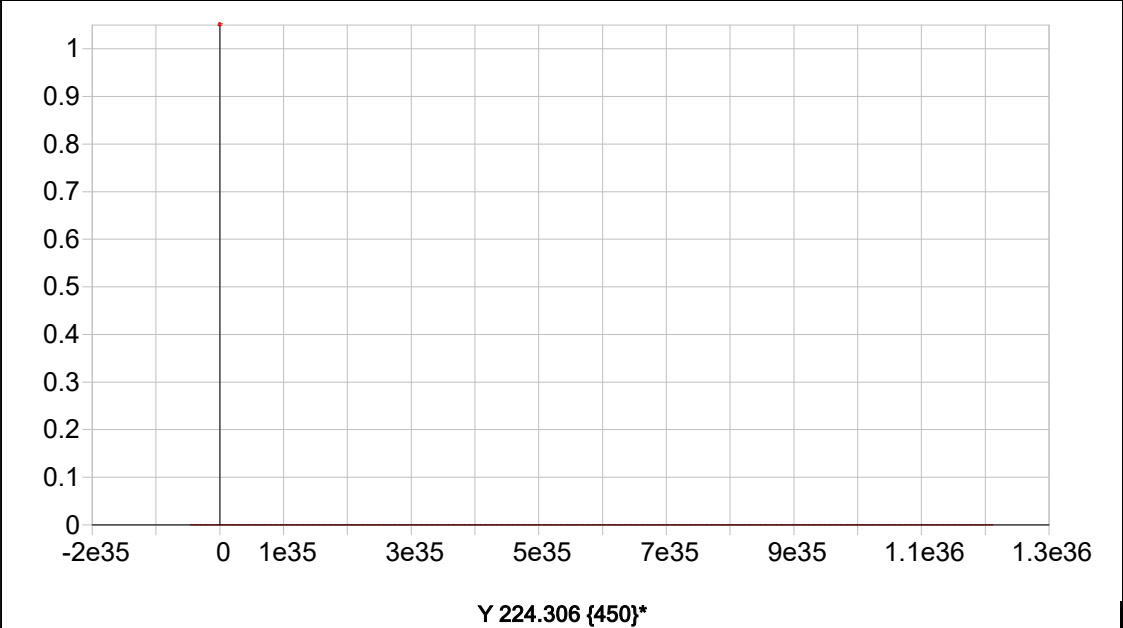


Sr 407.771 { 83}

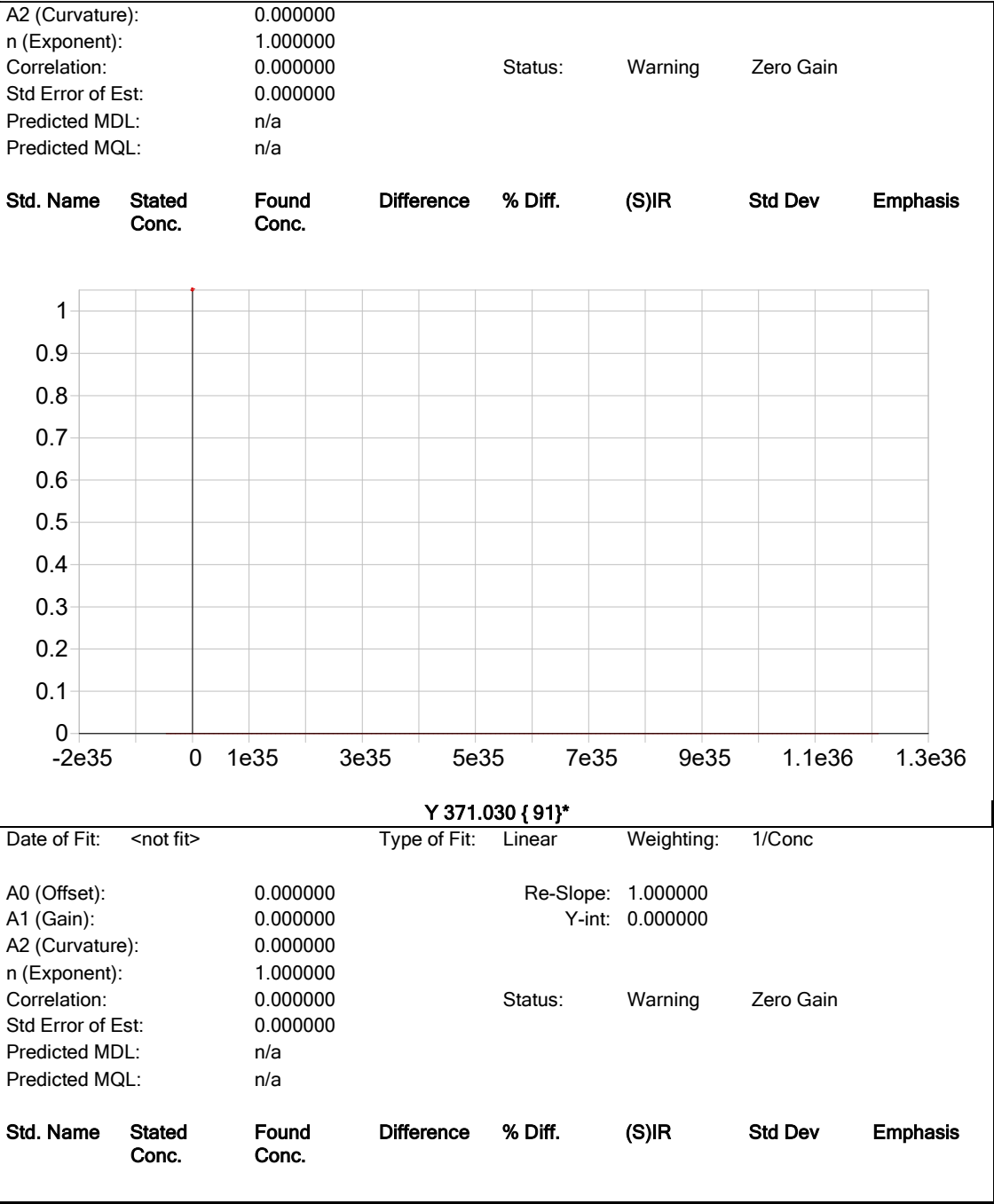
Date of Fit: 12/11/2024 11:43:31 Type of Fit: Linear Weighting: 1/Conc

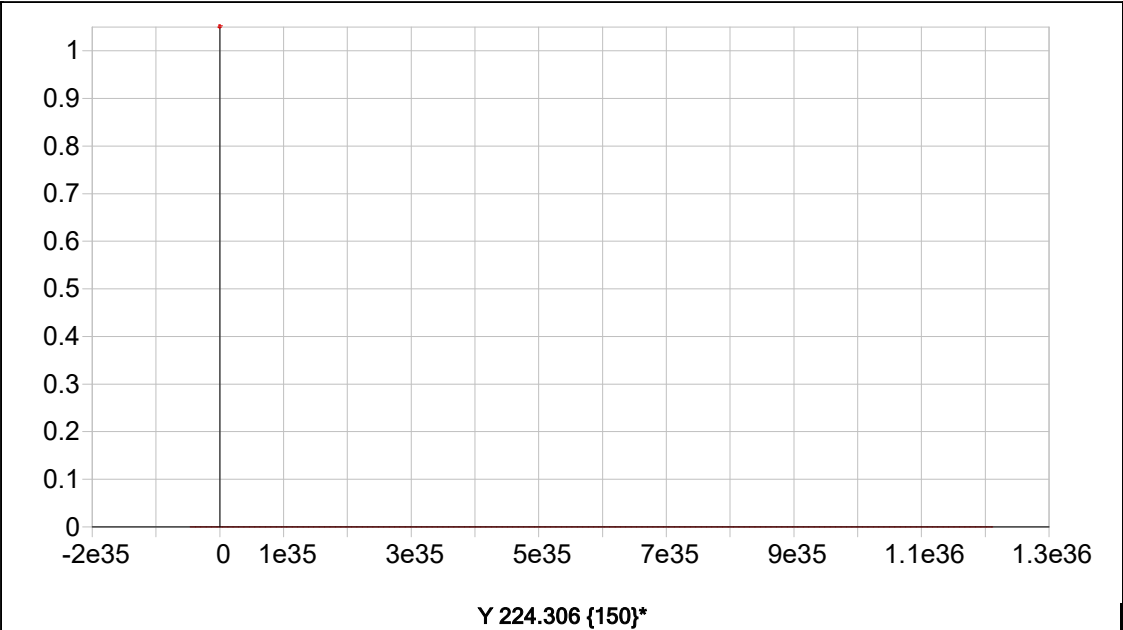
A0 (Offset): 0.001820 Re-Slope: 1.000000
A1 (Gain): 15.556410 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999391 Status: OK.
Std Error of Est: 0.012742
Predicted MDL: 0.000030
Predicted MQL: 0.000099

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00179	.000	1
S1	.02000	.01997	-.000	-.168	.31398	.001	1
S3	2.5000	2.6629	.163	6.52	41.466	.181	1
S4	5.0000	5.0903	.090	1.81	79.267	.392	1
S5	10.000	9.7098	-.290	-2.90	151.21	1.34	1
S2	.80000	.83704	.037	4.63	13.036	.042	1



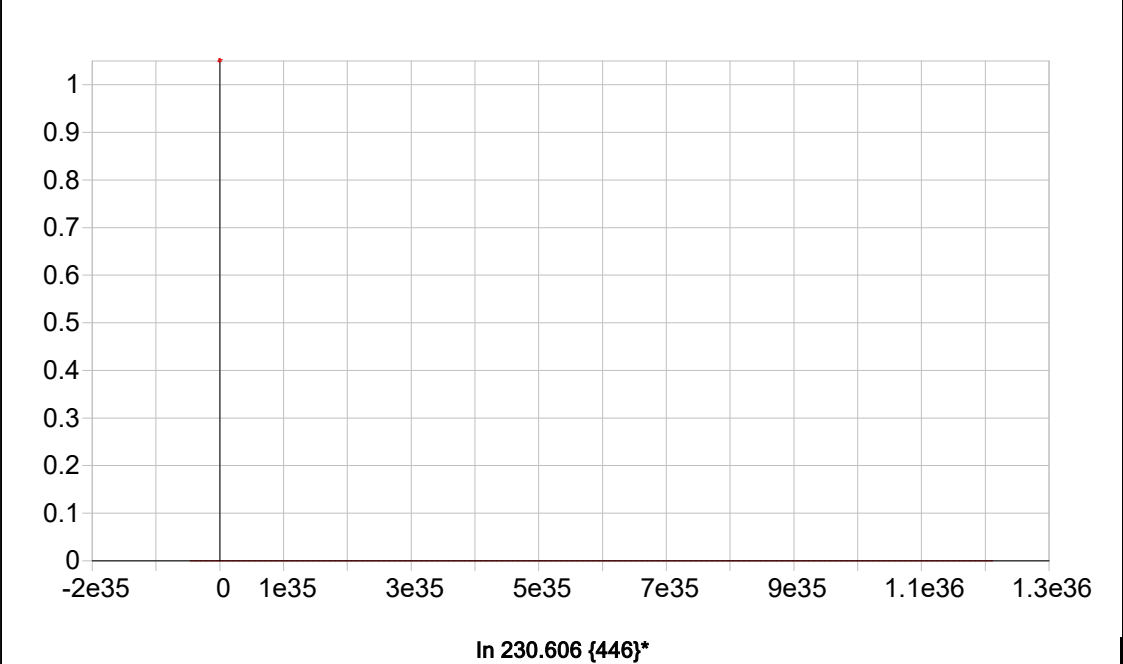
Date of Fit:		12/11/2024 11:43:31		Type of Fit:		Linear		Weighting:		1/Conc	
A0 (Offset):		0.000000		Re-Slope:		1.000000					
A1 (Gain):		0.000000		Y-int:		0.000000					
A2 (Curvature):		0.000000									
n (Exponent):		1.000000									
Correlation:		0.000000		Status:		Warning		Zero Gain			
Std Error 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				
1 0.9 0.8 0.7 0.6 0.5 0.4 0.3 0.2 0.1 0 -2e35 0 1e35 3e35 5e35 7e35 9e35 1.1e36 1.3e36 Y 360.073 { 94}*											
Date of Fit:		<not fit>		Type of Fit:		Linear		Weighting:		1/Conc	
A0 (Offset):		0.000000		Re-Slope:		1.000000					
A1 (Gain):		0.000000		Y-int:		0.000000					





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
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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		

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: 12/10/2024 10:38:38 Type: Cal
Method: NON EPA-6010-200.7(v2514) 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	-.00022	-.00013	-.00029	.00030	.00014	.00064	-.00237	-.00057
Stddev	.00005	.00004	.00019	.00007	.00010	.00024	.00171	.00015
%RSD	21.390	31.645	63.050	24.292	70.994	37.388	72.238	27.122

#1	-.00026	-.00008	-.00013	.00036	.00009	.00052	-.00360	-.00040
#2	-.00025	-.00015	-.00050	.00031	.00025	.00091	-.00042	-.00062
#3	-.00017	-.00015	-.00026	.00022	.00008	.00049	-.00310	-.00069

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00010	.00230	.00013	.00006	-.00008	.00003	.00029	.00009
Stddev	.00009	.00015	.00006	.00007	.00009	.00001	.00005	.00015
%RSD	85.977	6.6727	48.853	106.47	112.21	29.233	18.302	169.65

#1	-.00019	.00248	.00009	.00010	-.00001	.00002	.00024	.00025
#2	-.00001	.00220	.00009	.00010	-.00005	.00004	.00035	.00005
#3	-.00011	.00223	.00020	-.00001	-.00017	.00004	.00029	-.00004

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	-.00006	-.00134	.00480	-.00012	.00445	.00123	.00245	.00034
Stddev	.00013	.00006	.00025	.00013	.00067	.00018	.00021	.00001
%RSD	199.90	4.8138	5.1213	111.04	15.116	14.548	8.3867	4.1509

#1	-.00014	-.00137	.00461	-.00025	.00513	.00107	.00247	.00035
#2	-.00014	-.00139	.00471	-.00009	.00379	.00120	.00224	.00033
#3	.00008	-.00127	.00508	.00000	.00443	.00142	.00265	.00035

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00027	.00174	.00016	-.00099	.00014	.00371	.00179	
Stddev	.00002	.00018	.00002	.00005	.00005	.00079	.00036	
%RSD	7.3766	10.548	13.020	4.6963	31.469	21.353	19.859	

#1	.00028	.00161	.00014	-.00096	.00018	.00424	.00169	
#2	.00025	.00195	.00018	-.00105	.00016	.00280	.00149	
#3	.00029	.00167	.00016	-.00096	.00009	.00409	.00218	

Sample Name: S0 Acquired: 12/10/2024 10:38:38 Type: Cal
Method: NON EPA-6010-200.7(v2514) 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	2781.3	64114.	13118.	2037.2	4613.1
Stddev	7.4	129.	5.	2.0	6.7
%RSD	.26699	.20163	.03889	.09815	.14586
#1	2783.3	63982.	13124.	2034.9	4616.6
#2	2787.4	64121.	13117.	2038.1	4617.3
#3	2773.0	64240.	13114.	2038.5	4605.3

Sample Name: S1 Acquired: 12/10/2024 10:43:05 Type: Cal
Method: NON EPA-6010-200.7(v2514) 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	.00068	.00243	.00265	.00217	.00724	.00901	.36183	.02203
Stddev	.00007	.00005	.00014	.00006	.00004	.00022	.00148	.00021
%RSD	10.059	2.0701	5.3524	2.9108	.56608	2.4853	.40781	.96232
#1	.00076	.00244	.00249	.00209	.00728	.00875	.36287	.02221
#2	.00062	.00247	.00272	.00219	.00720	.00916	.36014	.02180
#3	.00068	.00237	.00275	.00221	.00722	.00912	.36246	.02208
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	.01331	.11551	.00209	.02598	.01731	.00059	.01452	.03335
Stddev	.00013	.00049	.00006	.00018	.00010	.00001	.00006	.00008
%RSD	1.0116	.42369	2.6700	.70001	.58911	2.1925	.40899	.22587
#1	.01324	.11523	.00205	.02607	.01740	.00059	.01452	.03327
#2	.01347	.11522	.00208	.02610	.01720	.00060	.01446	.03337
#3	.01322	.11607	.00216	.02577	.01734	.00057	.01458	.03342
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	.02460	.00138	.03864	.00523	.14768	.01849	.04702	.15458
Stddev	.00014	.00003	.00015	.00013	.00142	.00030	.00012	.00026
%RSD	.56059	2.0620	.40050	2.4707	.96368	1.5997	.25044	.16776
#1	.02464	.00141	.03851	.00523	.14901	.01815	.04711	.15480
#2	.02472	.00135	.03860	.00510	.14618	.01867	.04705	.15466
#3	.02445	.00138	.03881	.00536	.14784	.01866	.04689	.15429
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	.00479	.02345	.00241	-.00049	.00060	.02506	.31398	
Stddev	.00001	.00030	.00003	.00006	.00005	.00036	.00088	
%RSD	.29929	1.2934	1.1876	12.575	7.9050	1.4246	.28090	
#1	.00478	.02379	.00237	-.00056	.00056	.02506	.31375	
#2	.00478	.02336	.00242	-.00046	.00065	.02470	.31324	
#3	.00481	.02321	.00243	-.00044	.00059	.02542	.31496	

Sample Name: S1 Acquired: 12/10/2024 10:43:05 Type: Cal
Method: NON EPA-6010-200.7(v2514) 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	2761.7	63421.	13167.	1985.7	4481.5
Stddev	7.1	29.	55.	9.7	7.2
%RSD	.25728	.04526	.42119	.48943	.15971
#1	2753.5	63410.	13112.	1974.5	4473.5
#2	2766.2	63399.	13223.	1991.7	4483.8
#3	2765.3	63453.	13166.	1990.9	4487.3

Sample Name: S2 Acquired: 12/10/2024 10:47:30 Type: Cal
Method: NON EPA-6010-200.7(v2514) 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	.03652	.05622	.20190	.07350	.12223	.13493	6.1816	.16197
Stddev	.00012	.00087	.00049	.00021	.00028	.00041	.0256	.00115
%RSD	.33152	1.5469	.24307	.28937	.23249	.30328	.41433	.70826

#1	.03644	.05720	.20216	.07356	.12250	.13470	6.1949	.16137
#2	.03647	.05589	.20220	.07327	.12194	.13541	6.1977	.16329
#3	.03666	.05556	.20133	.07368	.12225	.13470	6.1520	.16124

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	.91605	.23764	.03532	.36369	.16876	.00492	.29169	.06509
Stddev	.00120	.00034	.00018	.00073	.00040	.00002	.00074	.00032
%RSD	.13067	.14267	.52168	.20119	.23769	.31961	.25359	.49531

#1	.91730	.23758	.03539	.36433	.16847	.00490	.29144	.06474
#2	.91591	.23801	.03546	.36289	.16858	.00493	.29253	.06517
#3	.91492	.23734	.03511	.36383	.16921	.00491	.29111	.06537

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	.26094	.05534	.07627	.05573	1.4668	.03701	.37591	.65314
Stddev	.00072	.00014	.00045	.00014	.0063	.00034	.00054	.00078
%RSD	.27750	.25770	.58769	.25867	.43020	.90871	.14249	.11878

#1	.26149	.05531	.07649	.05558	1.4712	.03684	.37535	.65328
#2	.26012	.05549	.07656	.05587	1.4696	.03740	.37641	.65231
#3	.26120	.05521	.07575	.05573	1.4595	.03680	.37597	.65384

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	.09535	.47061	.00584	.02206	.01925	.92530	13.036	
Stddev	.00006	.00218	.00003	.00026	.00013	.00427	.042	
%RSD	.06751	.46254	.45324	1.1966	.67991	.46110	.31962	

#1	.09538	.47076	.00587	.02236	.01938	.92710	13.059	
#2	.09539	.47271	.00582	.02186	.01925	.92838	13.060	
#3	.09527	.46836	.00582	.02197	.01912	.92043	12.987	

Sample Name: S2 Acquired: 12/10/2024 10:47:30 Type: Cal
Method: NON EPA-6010-200.7(v2514) 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	2582.1	58867.	12306.	1860.6	4138.3
Stddev	5.4	150.	13.	8.5	2.0
%RSD	.21098	.25517	.10399	.45657	.04923
#1	2584.6	58736.	12295.	1850.8	4136.1
#2	2585.9	58835.	12304.	1864.4	4140.2
#3	2575.9	59031.	12320.	1866.4	4138.5

Sample Name: S3 Acquired: 12/10/2024 10:51:39 Type: Cal
Method: NON EPA-6010-200.7(v2514) 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	.12091	.18586	.66341	.24390	.40194	.43619	19.898	.51920
Stddev	.00032	.00151	.00118	.00065	.00175	.00124	.064	.00033
%RSD	.26648	.81225	.17746	.26582	.43557	.28412	.32312	.06414

#1	.12060	.18453	.66410	.24315	.39998	.43507	19.889	.51931
#2	.12124	.18556	.66205	.24428	.40249	.43599	19.839	.51946
#3	.12089	.18750	.66408	.24427	.40335	.43752	19.967	.51882

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	3.0348	.75577	.11361	1.2008	.55251	.01610	.93073	.20992
Stddev	.0051	.00373	.00019	.0011	.00088	.00006	.00273	.00080
%RSD	.16849	.49309	.17106	.08872	.15972	.38185	.29318	.38131

#1	3.0405	.75478	.11380	1.2015	.55187	.01603	.93039	.20909
#2	3.0305	.75263	.11362	1.1996	.55216	.01615	.92819	.20998
#3	3.0333	.75989	.11341	1.2013	.55352	.01612	.93362	.21069

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	.85704	.18039	.24651	.17993	4.7138	.12057	1.2007	2.1153
Stddev	.00074	.00042	.00144	.00107	.0066	.00019	.0021	.0058
%RSD	.08603	.23280	.58354	.59272	.14096	.16056	.17140	.27599

#1	.85725	.18047	.24771	.17938	4.7091	.12044	1.2009	2.1095
#2	.85765	.18075	.24691	.17925	4.7109	.12079	1.1985	2.1154
#3	.85622	.17993	.24491	.18116	4.7214	.12048	1.2026	2.1211

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	.31516	1.5051	.01876	.07823	.06588	2.9848	41.466	
Stddev	.00061	.0019	.00010	.00034	.00016	.0081	.181	
%RSD	.19251	.12565	.54328	.43031	.23936	.27295	.43557	

#1	.31533	1.5055	.01867	.07784	.06580	2.9907	41.411	
#2	.31448	1.5030	.01887	.07844	.06578	2.9881	41.320	
#3	.31566	1.5067	.01873	.07842	.06606	2.9755	41.668	

Sample Name: S3 Acquired: 12/10/2024 10:51:39 Type: Cal
Method: NON EPA-6010-200.7(v2514) 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	2462.5	56854.	12180.	1790.3	3840.4
Stddev	6.8	51.	19.	9.5	5.5
%RSD	.27805	.09034	.15824	.53187	.14268
#1	2469.7	56912.	12175.	1798.3	3844.6
#2	2461.7	56833.	12202.	1792.7	3842.3
#3	2456.1	56816.	12164.	1779.8	3834.2

Sample Name: S4 Acquired: 12/10/2024 10:56:00 Type: Cal
Method: NON EPA-6010-200.7(v2514) 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	.24571	.36628	1.3110	.49590	.81661	.84608	37.893	.97190
Stddev	.00295	.00657	.0133	.00645	.00931	.00157	.085	.00288
%RSD	1.1998	1.7927	1.0104	1.3013	1.1400	.18595	.22540	.29669

#1	.24296	.35962	1.3017	.48996	.80926	.84656	37.820	.97271
#2	.24883	.37275	1.3261	.50277	.82708	.84432	37.987	.97430
#3	.24535	.36646	1.3050	.49498	.81349	.84736	37.872	.96871

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	6.0824	1.4365	.22026	2.4018	1.0923	.03163	1.7542	.40254
Stddev	.0593	.0036	.00088	.0234	.0106	.00013	.0129	.00025
%RSD	.97525	.24682	.39896	.97471	.96552	.41622	.73371	.06134

#1	6.0398	1.4363	.21924	2.3856	1.0838	.03148	1.7603	.40229
#2	6.1501	1.4401	.22069	2.4286	1.1041	.03174	1.7628	.40278
#3	6.0572	1.4330	.22083	2.3912	1.0890	.03168	1.7394	.40254

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	1.7076	.35286	.50181	.34712	9.2233	.24441	2.2393	4.2179
Stddev	.0169	.00147	.00332	.00146	.0368	.00041	.0086	.0493
%RSD	.99055	.41667	.66222	.42130	.39899	.16842	.38453	1.1699

#1	1.6971	.35123	.50317	.34788	9.1892	.24394	2.2467	4.1764
#2	1.7271	.35328	.50424	.34805	9.2184	.24471	2.2414	4.2725
#3	1.6986	.35408	.49802	.34544	9.2623	.24458	2.2298	4.2048

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	.62840	2.8732	.03817	.15880	.13423	5.8616	79.267	
Stddev	.00694	.0153	.00039	.00208	.00186	.0364	.392	
%RSD	1.1049	.53264	1.0153	1.3127	1.3890	.62151	.49437	

#1	.62269	2.8826	.03774	.15703	.13277	5.8820	79.097	
#2	.63613	2.8815	.03829	.16110	.13633	5.8831	79.715	
#3	.62638	2.8555	.03849	.15827	.13357	5.8195	78.988	

Sample Name: S4 Acquired: 12/10/2024 10:56:00 Type: Cal
Method: NON EPA-6010-200.7(v2514) 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	2363.7	56080.	12583.	1709.8	3653.5
Stddev	22.1	218.	50.	11.0	32.5
%RSD	.93449	.38910	.40041	.64127	.89084
#1	2381.1	56325.	12554.	1720.3	3677.5
#2	2338.8	56006.	12554.	1710.7	3616.4
#3	2371.0	55908.	12641.	1698.4	3666.4

Sample Name: S5 Acquired: 12/10/2024 11:00:13 Type: Cal
Method: NON EPA-6010-200.7(v2514) 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	.48767	.69012	2.5616	.98533	1.6298	1.7020	73.908	1.8749
Stddev	.00308	.00531	.0021	.00446	.0064	.0007	.415	.0113
%RSD	.63103	.77011	.08335	.45255	.39400	.04217	.56137	.60452
#1	.48551	.69293	2.5636	.98185	1.6235	1.7028	74.373	1.8859
#2	.48630	.68399	2.5593	.98379	1.6295	1.7014	73.575	1.8632
#3	.49119	.69345	2.5618	.99036	1.6363	1.7017	73.775	1.8757
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	11.925	2.8073	.43314	4.7234	2.1110	.06308	3.4107	.80312
Stddev	.018	.0065	.00225	.0029	.0059	.00012	.0100	.00109
%RSD	.15457	.23137	.51958	.06061	.27705	.18647	.29270	.13576
#1	11.946	2.8121	.43323	4.7266	2.1059	.06298	3.4222	.80290
#2	11.914	2.7999	.43085	4.7212	2.1096	.06306	3.4041	.80216
#3	11.915	2.8098	.43535	4.7225	2.1174	.06321	3.4059	.80431
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	3.3358	.70877	1.0218	.68473	18.002	.50470	4.3551	8.2237
Stddev	.0022	.00108	.0055	.00016	.104	.00044	.0209	.0283
%RSD	.06458	.15275	.54187	.02408	.57877	.08713	.47952	.34386
#1	3.3383	.70900	1.0279	.68464	17.985	.50429	4.3781	8.2005
#2	3.3345	.70760	1.0204	.68492	17.908	.50516	4.3373	8.2153
#3	3.3346	.70972	1.0171	.68463	18.114	.50464	4.3498	8.2552
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	1.2278	5.6932	.08004	.31495	.27118	11.792	151.21	
Stddev	.0015	.0161	.00083	.00107	.00040	.045	1.34	
%RSD	.12394	.28234	1.0320	.33966	.14608	.38222	.88749	
#1	1.2296	5.7116	.07922	.31617	.27093	11.840	151.88	
#2	1.2270	5.6858	.08003	.31418	.27097	11.784	149.66	
#3	1.2270	5.6821	.08087	.31451	.27163	11.750	152.08	

Sample Name: S5 Acquired: 12/10/2024 11:00:13 Type: Cal
Method: NON EPA-6010-200.7(v2514) 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	2271.4	53990.	12463.	1601.4	3466.4
Stddev	11.2	177.	46.	16.2	6.0
%RSD	.49101	.32838	.36508	1.0145	.17438
#1	2283.1	54096.	12416.	1614.9	3473.0
#2	2270.1	54089.	12507.	1605.8	3465.3
#3	2260.9	53786.	12466.	1583.4	3461.0

Sample Name: ICV01 Acquired: 12/10/2024 11:04:30 Type: Unk
Method: NON EPA-6010-200.7(v2514) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.035871	1.098974	1.031509	1.072607	1.033457	2.677568
Stddev	.001218	.012177	.001922	.003392	.005095	.017313
%RSD	.1175798	1.108074	.1863000	.3162775	.4930411	.6466063
#1	1.034736	1.090483	1.029474	1.070726	1.030097	2.657646
#2	1.037157	1.093514	1.031762	1.070573	1.030955	2.686086
#3	1.035720	1.112926	1.033292	1.076524	1.039320	2.688972
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5349682	.5303365	.5201560	10.55906	.5511451	.5293066
Stddev	.0053844	.0021187	.0006341	.04455	.0024267	.0008396
%RSD	1.006487	.3994971	.1219152	.4219079	.4403089	.1586196
#1	.5289277	.5281684	.5203579	10.51447	.5505561	.5300530
#2	.5392634	.5304391	.5194455	10.55914	.5490670	.5283976
#3	.5367136	.5324020	.5206646	10.60357	.5538121	.5294691
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5455219	10.31369	.5385556	6.185061	.5313787	.2644329
Stddev	.0011995	.03199	.0029916	.020245	.0005919	.0014130
%RSD	.2198731	.3101576	.5554919	.3273237	.1113941	.5343690
#1	.5443010	10.30525	.5351040	6.163496	.5313809	.2647927
#2	.5455661	10.28676	.5404028	6.188027	.5307856	.2628747
#3	.5466987	10.34905	.5401600	6.203659	.5319695	.2656312
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.808717	.5239339	1.085423	10.21083	2.508814	2.621645
Stddev	.033256	.0033172	.000812	.04521	.005848	.010553
%RSD	.3390416	.6331393	.0748085	.4428001	.2331068	.4025510
#1	9.780237	.5205754	1.085973	10.15954	2.502897	2.611628
#2	9.845264	.5272083	1.084490	10.24489	2.508954	2.620643
#3	9.800652	.5240182	1.085805	10.22807	2.514590	2.632664

Sample Name: ICV01 Acquired: 12/10/2024 11:04:30 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	2.509814	2.560284	F 1.974956	F .0045414	F -.004977	F -.002921
Stddev	.003669	.017460	.015743	.0010347	.002799	.000045
%RSD	.1461713	.6819454	.7971067	22.78274	56.23026	1.545151
#1	2.506398	2.540201	1.966099	.0036281	-.008098	-.002912
#2	2.509352	2.571858	1.965637	.0056651	-.002690	-.002881
#3	2.513692	2.568794	1.993132	.0043310	-.004144	-.002970

Elem	Sr4077
Units	ppm
Avg	F -.008994
Stddev	.000029
%RSD	.3251681
#1	-.008991
#2	-.008966
#3	-.009025

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2402.032	56554.95	12658.32	1677.189	3885.119
Stddev	6.998	93.69	36.51	4.907	8.027
%RSD	.2913257	.1656689	.2884328	.2925909	.2065982
#1	2406.311	56550.11	12700.33	1672.043	3884.263
#2	2405.828	56650.97	12640.36	1681.817	3893.539
#3	2393.956	56463.77	12634.27	1677.707	3877.555

Sample Name: LLICV01 Acquired: 12/10/2024 11:08:48 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.0217542	.0426181	.0123670	.0203626	.0500455	.1058972	.1011951
Stddev	.0001073	.0006004	.0008649	.0005064	.0002389	.0060263	.0007842
%RSD	.4934392	1.408886	6.993623	2.486962	.4772977	5.690668	.7749127
#1	.0216372	.0431714	.0119337	.0198289	.0497705	.0994656	.1004650
#2	.0217772	.0427032	.0133629	.0204225	.0502008	.1114134	.1010962
#3	.0218481	.0419796	.0118043	.0208364	.0501653	.1068126	.1020240
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062654	.0059815	2.138774	.0099804	.0299290	.0228196	.0988957
Stddev	.0000498	.0000981	.008395	.0000406	.0000423	.0002780	.0009782
%RSD	.7939833	1.640026	.3925373	.4069232	.1414155	1.218434	.9890885
#1	.0062603	.0058833	2.129563	.0099472	.0299071	.0226125	.0977663
#2	.0062184	.0059817	2.140760	.0099682	.0299021	.0231356	.0994512
#3	.0063174	.0060795	2.145998	.0100256	.0299778	.0227106	.0994697
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0214300	2.225099	.0397781	.0106342	1.846591	.0424798	.0454574
Stddev	.0004305	.020087	.0001897	.0003003	.011613	.0006733	.0001571
%RSD	2.008676	.9027361	.4769128	2.823402	.6288825	1.584972	.3454981
#1	.0211943	2.201909	.0396029	.0103555	1.833337	.0419464	.0452947
#2	.0211688	2.237073	.0397519	.0105948	1.854979	.0422565	.0456081
#3	.0219268	2.236314	.0399796	.0109521	1.851459	.0432363	.0454693
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.990635	.1198218	.2105571	.0405508	.0415418	.3408953	.0195026
Stddev	.003811	.0006355	.0004727	.0009502	.0003655	.0032508	.0002577
%RSD	.1914238	.5304008	.2244932	2.343268	.8798033	.9536060	1.321568
#1	1.989263	.1195188	.2105036	.0394678	.0413969	.3428863	.0192135
#2	1.987701	.1193944	.2110543	.0409396	.0419575	.3371440	.0195860
#3	1.994942	.1205521	.2101135	.0412450	.0412710	.3426557	.0197083

Sample Name: LLICV01 Acquired: 12/10/2024 11:08:48 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.0210479	.0190923	.0215753
Stddev	.0012616	.0003280	.0000605
%RSD	5.993889	1.718201	.2803529
#1	.0219179	.0187943	.0216100
#2	.0196010	.0194438	.0215054
#3	.0216248	.0190387	.0216103

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2464.263	57253.67	12435.26	1719.777	4089.466
Stddev	6.332	114.26	27.81	4.284	1.732
%RSD	.2569485	.1995695	.2236065	.2490888	.0423621
#1	2457.540	57339.09	12462.82	1723.738	4087.472
#2	2465.137	57123.88	12435.74	1715.231	4090.330
#3	2470.113	57298.02	12407.21	1720.362	4090.597

Sample Name: ICB01 Acquired: 12/10/2024 11:20:18 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	-.001520	.0000975	.0006256	.0003650	-.000117	-.012075	-.004007
Stddev	.001911	.0007156	.0004089	.0004138	.000811	.001095	.000630
%RSD	125.7615	733.7720	65.36468	113.3712	692.4129	9.069286	15.71926
#1	-.000430	.0008881	.0009172	-.000078	.000551	-.010810	-.003331
#2	-.003726	-.000090	.0008013	.000741	-.001020	-.012681	-.004578
#3	-.000403	-.000506	.0001582	.000432	.000118	-.012732	-.004112
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000075	-.000014	-.009548	-.000698	-.000136	-.000481	-.007362
Stddev	.0000415	.000051	.004933	.000084	.000064	.000062	.002934
%RSD	555.1675	374.9072	51.67106	11.99876	46.93160	12.86694	39.85990
#1	.0000280	-.000014	-.007870	-.000606	-.000093	-.000414	-.010605
#2	.0000347	-.000065	-.005672	-.000770	-.000105	-.000492	-.006590
#3	-.000040	.000038	-.015101	-.000717	-.000209	-.000537	-.004891
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000234	-.012526	.0000799	.0007141	-.084332	.0011895	-.000071
Stddev	.000277	.008423	.0001420	.0003614	.009816	.0008166	.000090
%RSD	118.3374	67.24237	177.6986	50.60713	11.63965	68.64797	127.5909
#1	-.000364	-.022244	.0001613	.0004219	-.095227	.0003966	-.000135
#2	.000084	-.007316	.0001624	.0006022	-.076177	.0020278	-.000109
#3	-.000423	-.008019	-.000084	.0011183	-.081592	.0011442	.000032
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.059430	.0008049	.0000583	.0037186	.0000108	.0040757	-.004438
Stddev	.024383	.0005307	.0000045	.0006393	.0003678	.0038667	.001085
%RSD	41.02758	65.93340	7.731711	17.19151	3401.052	94.87026	24.45746
#1	-.082507	.0008671	.0000567	.0029813	.0001621	.0062678	-.005673
#2	-.061858	.0002459	.0000634	.0041180	.0002789	-.000389	-.004005
#3	-.033924	.0013018	.0000548	.0040565	-.000409	.006348	-.003636

Sample Name: ICB01 Acquired: 12/10/2024 11:20:18 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.0013227	-.001956	-.000125
Stddev	.0006754	.000186	.000016
%RSD	51.05830	9.503531	12.84014

#1	.0007882	-.001871	-.000107
#2	.0020817	-.002170	-.000137
#3	.0010983	-.001829	-.000130

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2435.197	57448.95	12606.83	1674.662	4170.491
Stddev	5.501	68.00	67.60	4.071	5.738
%RSD	.2259141	.1183674	.5362123	.2431079	.1375845

#1	2428.939	57524.49	12529.00	1671.297	4163.952
#2	2437.379	57392.61	12650.85	1673.501	4172.840
#3	2439.272	57429.74	12640.64	1679.188	4174.682

Sample Name: CRI01 Acquired: 12/10/2024 11:24:41 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.0206858	.0407210	.0112430	.0210765	.0502788	.1022429	.0961335
Stddev	.0005213	.0006237	.0003046	.0006318	.0007938	.0032332	.0001753
%RSD	2.520216	1.531749	2.709054	2.997901	1.578742	3.162313	.1823329

#1	.0212778	.0400068	.0108932	.0204029	.0508877	.0985288	.0963112
#2	.0204842	.0409970	.0113860	.0216561	.0493810	.1037719	.0961285
#3	.0202953	.0411591	.0114497	.0211704	.0505676	.1044281	.0959607

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060764	.0057981	2.054046	.0098640	.0291745	.0225285	.0952215
Stddev	.0000314	.0000189	.010895	.0002285	.0002719	.0002795	.0021394
%RSD	.5166520	.3258231	.5304290	2.316258	.9319372	1.240656	2.246756

#1	.0060672	.0058188	2.050052	.0097435	.0290966	.0224865	.0935083
#2	.0061113	.0057818	2.066374	.0097210	.0289500	.0222723	.0976194
#3	.0060506	.0057938	2.045711	.0101275	.0294768	.0228266	.0945367

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0206082	2.167497	.0392997	.0106854	1.785633	.0418399	.0438292
Stddev	.0003189	.008096	.0001048	.0003251	.002701	.0011217	.0002901
%RSD	1.547422	.3734980	.2667749	3.042465	.1512560	2.681024	.6619854

#1	.0202655	2.158327	.0393842	.0103380	1.787623	.0424810	.0441641
#2	.0208962	2.170511	.0391824	.0107358	1.782558	.0424941	.0436548
#3	.0206629	2.173653	.0393325	.0109823	1.786716	.0405447	.0436687

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.940051	.1032546	.2094022	.0391696	.0402696	.3336700	.0161763
Stddev	.017199	.0004114	.0001631	.0001940	.0003652	.0083454	.0022564
%RSD	.8865194	.3984561	.0779048	.4953431	.9068589	2.501098	13.94877

#1	1.925808	.1029949	.2092316	.0392214	.0398590	.3253573	.0172172
#2	1.959158	.1037290	.2094183	.0389550	.0405580	.3420477	.0135874
#3	1.935188	.1030399	.2095566	.0393325	.0403919	.3336050	.0177244

Sample Name: CRI01 Acquired: 12/10/2024 11:24:41 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.0185376	.0184147	.0208178
Stddev	.0023115	.0001602	.0000496
%RSD	12.46925	.8698150	.2381431

#1	.0165333	.0182309	.0208719
#2	.0210662	.0185242	.0208070
#3	.0180132	.0184890	.0207745

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2439.310	57227.83	12680.08	1669.836	4091.388
Stddev	2.453	66.04	18.12	3.796	4.873
%RSD	.1005439	.1153966	.1429189	.2273288	.1191064

#1	2440.541	57182.30	12659.24	1665.689	4095.416
#2	2440.903	57197.61	12688.91	1673.140	4092.776
#3	2436.486	57303.57	12692.10	1670.678	4085.971

Sample Name: ICSA01 Acquired: 12/10/2024 11:36:21 Type: Unk
Method: NON EPA-6010-200.7(v2515) 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	.0066987	.0124560	.0104330	-.014952	-.001713	263.6660
Stddev	.0042479	.0041373	.0022614	.002586	.002340	.8876
%RSD	63.41421	33.21544	21.67556	17.29337	136.5944	.3366387

#1	.0025311	.0138124	.0085658	-.012722	.000066	262.7079
#2	.0065423	.0078108	.0097857	-.017787	-.004364	264.4602
#3	.0110226	.0157450	.0129474	-.014348	-.000841	263.8299

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014911	.0013018	.0034487	243.7788	.0565204	.0023792
Stddev	.0001805	.0001025	.0001354	.7015	.0004860	.0004074
%RSD	12.10732	7.872930	3.925306	.2877590	.8599294	17.12313

#1	.0015050	.0013284	.0036039	243.0761	.0562215	.0021645
#2	.0013040	.0011886	.0033546	244.4791	.0562585	.0028491
#3	.0016642	.0013884	.0033877	243.7813	.0570812	.0021241

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059901	98.60958	.0042813	269.6132	.0312910	-.002004
Stddev	.0007255	.38088	.0001273	.7122	.0004248	.000179
%RSD	12.11209	.3862502	2.972349	.2641573	1.357553	8.932086

#1	.0067983	98.17796	.0044244	268.9709	.0311462	-.002178
#2	.0053950	98.75228	.0041808	270.3791	.0309576	-.001820
#3	.0057770	98.89851	.0042386	269.4894	.0317693	-.002015

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0514720	.0076322	-.006010	.0204806	.0342990	-.001086
Stddev	.0172146	.0006016	.000395	.0100673	.0008788	.000546
%RSD	33.44454	7.882297	6.573883	49.15542	2.562067	50.27847

#1	.0316182	.0074143	-.005565	.0104114	.0332845	-.000469
#2	.0605543	.0083124	-.006143	.0305460	.0348246	-.001507
#3	.0622434	.0071699	-.006321	.0204844	.0347877	-.001281

Sample Name: ICSA01 Acquired: 12/10/2024 11:36:21 Type: Unk
Method: NON EPA-6010-200.7(v2515) 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	.0017652	-.000975	.0204073	.0067864	-.008471	F -.042312
Stddev	.0005734	.000407	.0039085	.0042184	.001926	.000138
%RSD	32.48225	41.75648	19.15240	62.15987	22.73917	.3272951
#1	.0023190	-.000505	.0231603	.0097776	-.006625	-.042360
#2	.0011741	-.001203	.0221279	.0086202	-.010469	-.042419
#3	.0018025	-.001218	.0159337	.0019615	-.008321	-.042155

Elem	Sr4077
Units	ppm
Avg	.0065198
Stddev	.0002086
%RSD	3.199126
#1	.0067349
#2	.0065060
#3	.0063184

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2129.735	50122.02	11959.97	1478.906	3195.392
Stddev	3.308	78.72	18.14	11.471	.906
%RSD	.1553147	.1570483	.1516370	.7756080	.0283589
#1	2131.168	50161.03	11965.25	1482.611	3196.338
#2	2125.953	50173.61	11939.78	1488.067	3194.531
#3	2132.085	50031.42	11974.89	1466.041	3195.306

Sample Name: ICSAB01 Acquired: 12/10/2024 11:40:32 Type: Unk
Method: NON EPA-6010-200.7(v2516) 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	.1047410	.0971409	.0591917	.0353758	.5939354	249.7779
Stddev	.0031357	.0009171	.0023072	.0014692	.0023945	.8730
%RSD	2.993808	.9440617	3.897869	4.153189	.4031549	.3495171

#1	.1064595	.0967050	.0618086	.0368371	.5948790	249.4173
#2	.1066418	.0981946	.0574506	.0353914	.5957144	250.7734
#3	.1011216	.0965230	.0583160	.0338988	.5912129	249.1429

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4825321	.4769859	.9519180	227.8305	.5391928	.4818409
Stddev	.0045712	.0016938	.0010777	.4697	.0035789	.0006359
%RSD	.9473367	.3551002	.1132179	.2061537	.6637474	.1319806

#1	.4875052	.4778873	.9531449	227.3434	.5379787	.4823274
#2	.4785135	.4750321	.9514854	228.2806	.5363788	.4820739
#3	.4815776	.4780384	.9511239	227.8675	.5432207	.4811213

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4703581	93.55734	.4648301	252.2045	.9742014	.1901408
Stddev	.0005513	.29397	.0015892	.9669	.0015492	.0002771
%RSD	.1172081	.3142165	.3418959	.3833785	.1590226	.1457397

#1	.4706554	93.26087	.4666363	251.1952	.9753359	.1898223
#2	.4697220	93.56241	.4636460	253.1226	.9724363	.1903264
#3	.4706970	93.84875	.4642080	252.2956	.9748319	.1902738

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062584	.4778623	.9113705	-.026921	.9137329	.9867419
Stddev	.0100690	.0008682	.0010821	.016066	.0028075	.0009515
%RSD	160.8865	.1816917	.1187380	59.67809	.3072601	.0964308

#1	-.002802	.4768768	.9117816	-.040649	.9168829	.9878398
#2	.004478	.4785142	.9101431	-.030864	.9114944	.9861576
#3	.017099	.4781960	.9121869	-.009251	.9128214	.9862282

Sample Name: ICSAB01 Acquired: 12/10/2024 11:40:32 Type: Unk
Method: NON EPA-6010-200.7(v2516) 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	.9528606	.9425903	F .8165012	F .0188426	F -.009233	F -.039753
Stddev	.0035381	.0043164	.0116772	.0020623	.000470	.000565
%RSD	.3713188	.4579327	1.430150	10.94474	5.085148	1.420123
#1	.9568474	.9463651	.8081684	.0209375	-.009322	-.039144
#2	.9516404	.9378842	.8114872	.0187757	-.008726	-.039856
#3	.9500941	.9435215	.8298480	.0168146	-.009652	-.040259

Elem	Sr4077
Units	ppm
Avg	F .0045873
Stddev	.0009242
%RSD	20.14722
#1	.0056505
#2	.0039757
#3	.0041358

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2142.513	50877.80	12444.47	1468.354	3251.979
Stddev	2.142	123.24	18.02	7.036	1.678
%RSD	.0999812	.2422291	.1448382	.4791502	.0516146
#1	2144.737	50981.40	12427.69	1476.396	3250.642
#2	2142.338	50910.49	12442.20	1463.337	3253.862
#3	2140.463	50741.51	12463.52	1465.330	3251.431

Sample Name: CCV01 Acquired: 12/10/2024 11:44:43 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	4.920127	5.024007	4.880850	4.985800	4.960048	9.943680	9.613154
Stddev	.005639	.037102	.004345	.017266	.009816	.001161	.069607
%RSD	.1146174	.7384905	.0890176	.3463107	.1979062	.0116735	.7240854
#1	4.923229	4.982166	4.879666	4.982352	4.962485	9.942857	9.611126
#2	4.923534	5.052898	4.877220	5.004531	4.968416	9.943176	9.544583
#3	4.913617	5.036957	4.885664	4.970518	4.949243	9.945008	9.683754
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2427203	2.428251	24.02011	1.001991	2.425968	1.244015	4.813305
Stddev	.0004625	.003920	.03077	.001622	.003199	.002015	.019878
%RSD	.1905572	.1614327	.1281009	.1619077	.1318734	.1620115	.4129805
#1	2.2429758	2.427282	23.98460	1.001311	2.426091	1.246306	4.795244
#2	2.2429987	2.424906	24.03682	1.000820	2.422709	1.243220	4.810068
#3	2.2421864	2.432565	24.03891	1.003843	2.429104	1.242518	4.834602
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.349073	24.22926	2.429942	1.239404	24.02830	2.445502	2.519627
Stddev	.002909	.00788	.003133	.001325	.11731	.002074	.007117
%RSD	.1238200	.0325252	.1289283	.1068799	.4882348	.0848114	.2824466
#1	2.345861	24.23586	2.430336	1.239015	24.08354	2.443224	2.512208
#2	2.349827	24.23140	2.426631	1.238318	23.89356	2.447282	2.526397
#3	2.351530	24.22054	2.432859	1.240880	24.10779	2.445999	2.520274
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.61230	4.843106	5.023157	4.907503	4.823764	5.002193	4.930742
Stddev	.07543	.010522	.002591	.010573	.003456	.036984	.028325
%RSD	.3064635	.2172588	.0515832	.2154379	.0716449	.7393600	.5744487
#1	24.57896	4.851362	5.021759	4.904782	4.826812	4.973335	4.898504
#2	24.55929	4.846697	5.026147	4.898557	4.820009	4.989359	4.951636
#3	24.69865	4.831258	5.021565	4.919170	4.824471	5.043884	4.942087

Sample Name: CCV01 Acquired: 12/10/2024 11:44:43 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	4.810641	4.866434	4.902860
Stddev	.010362	.016728	.015189
%RSD	.2154033	.3437485	.3097961

#1	4.803594	4.882911	4.905502
#2	4.805789	4.849465	4.916554
#3	4.822539	4.866928	4.886523

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2337.757	54963.73	12693.02	1606.868	3682.699
Stddev	6.385	80.79	37.63	2.672	3.058
%RSD	.2731361	.1469952	.2964861	.1662950	.0830379

#1	2334.608	54995.78	12660.42	1609.284	3679.889
#2	2333.558	55023.58	12684.44	1607.322	3682.250
#3	2345.105	54871.83	12734.20	1603.998	3685.956

Sample Name: CCB01 Acquired: 12/10/2024 11:48:56 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	-.000843	-.000104	-.000748	.0033456	.0000762	-.004604	-.003198
Stddev	.000519	.001676	.000358	.0004413	.0005139	.005541	.000759
%RSD	61.50265	1612.487	47.85344	13.19061	674.1840	120.3628	23.73530

#1	-.000296	-.001172	-.001109	.0036221	-.000448	-.008527	-.003824
#2	-.001327	-.000967	-.000393	.0035782	.000098	.001735	-.002354
#3	-.000907	.001828	-.000742	.0028367	.000579	-.007020	-.003418

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000143	.0000240	-.011400	-.000707	.0000461	-.000340	-.005677
Stddev	.0000101	.0000168	.000639	.000318	.0000177	.000152	.001359
%RSD	71.13980	69.74897	5.605348	44.97175	38.30072	44.65245	23.94584

#1	.0000079	.0000429	-.011530	-.001041	.0000484	-.000373	-.005154
#2	.0000090	.0000107	-.011964	-.000672	.0000274	-.000474	-.007221
#3	.0000259	.0000186	-.010706	-.000408	.0000626	-.000175	-.004657

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000279	-.011495	.0000025	.0004200	-.071860	.0000373	-.000122
Stddev	.000149	.005687	.0001506	.0002788	.010635	.0005165	.000241
%RSD	53.54954	49.47079	6045.330	66.36711	14.80025	1384.233	197.6572

#1	-.000397	-.014065	-.000056	.0006179	-.077508	-.000557	-.000180
#2	-.000328	-.004977	.000174	.0001012	-.078479	.000294	-.000329
#3	-.000111	-.015444	-.000110	.0005409	-.059592	.000375	.000143

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.075283	.0053461	.0003982	.0044694	.0002910	.0089670	-.001446
Stddev	.013715	.0004288	.0003067	.0009121	.0000749	.0019511	.001518
%RSD	18.21783	8.020629	77.01899	20.40713	25.72805	21.75846	105.0023

#1	-.087936	.0058379	.0005955	.0055005	.0002871	.0099742	.000241
#2	-.077206	.0051494	.0005542	.0041392	.0002181	.0102086	-.002703
#3	-.060709	.0050510	.0000449	.0037683	.0003677	.0067181	-.001875

Sample Name: CCB01 Acquired: 12/10/2024 11:48:56 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.0004580	-.002287	-.000117
Stddev	.0014207	.000338	.000025
%RSD	310.2042	14.77785	21.14197

#1	.0020639	-.002676	-.000111
#2	-.000635	-.002125	-.000145
#3	-.000055	-.002061	-.000097

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2464.424	57789.20	12690.80	1688.694	4186.131
Stddev	8.948	44.28	30.01	3.047	2.721
%RSD	.3630694	.0766166	.2364733	.1804443	.0650021

#1	2456.708	57757.30	12697.28	1685.269	4184.815
#2	2462.331	57839.75	12658.07	1689.711	4184.317
#3	2474.232	57770.55	12717.03	1691.103	4189.259

Sample Name: PB165463BL Acquired: 12/10/2024 11:53:19 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.0002021	-.001556	.0006997	.0028070	-.001186	-.005389	-.002951
Stddev	.0036965	.000292	.0006081	.0013423	.000314	.002710	.000153
%RSD	1829.361	18.80099	86.90980	47.81975	26.48489	50.28261	5.195620
#1	.0034156	-.001613	.0012620	.0035444	-.000826	-.003442	-.003119
#2	.0010281	-.001815	.0000543	.0012576	-.001332	-.008483	-.002915
#3	-.003838	-.001239	.0007829	.0036190	-.001401	-.004241	-.002819
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000424	.0000697	-.007182	-.000438	-.000038	-.000236	-.005368
Stddev	.0000155	.0000367	.002481	.000067	.000075	.000273	.003334
%RSD	36.64206	52.66019	34.54360	15.20461	198.7284	115.8474	62.11844
#1	.0000277	.0000747	-.010021	-.000387	-.000077	-.000455	-.008330
#2	.0000407	.0001038	-.006090	-.000513	-.000085	.000070	-.001757
#3	.0000587	.0000308	-.005434	-.000413	.000049	-.000324	-.006016
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000119	-.006742	-.000006	.0003811	-.071807	.0007721	.0000627
Stddev	.000091	.003833	.000047	.0002526	.010765	.0007565	.0002069
%RSD	77.00153	56.84787	849.3870	66.27844	14.99183	97.98810	329.8901
#1	-.000019	-.010577	-.000038	.0002292	-.083695	.0013108	.0000235
#2	-.000199	-.002911	-.000026	.0002413	-.062717	-.000093	.0002864
#3	-.000137	-.006738	.000048	.0006726	-.069009	.001098	-.000122
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.079825	.0010274	-.000021	.0040906	.0003578	.0088082	-.001727
Stddev	.011272	.0004357	.000110	.0002395	.0003271	.0018602	.000785
%RSD	14.12021	42.41154	514.9345	5.855207	91.41071	21.11870	45.45387
#1	-.088836	.0009535	.000078	.0039178	.0001140	.0108705	-.000861
#2	-.083454	.0006333	-.000003	.0043640	.0002300	.0072571	-.001930
#3	-.067187	.0014954	-.000139	.0039901	.0007295	.0082971	-.002391

Sample Name: PB165463BL Acquired: 12/10/2024 11:53:19 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.0010533	-.001763	-.000079
Stddev	.0021495	.000118	.000023
%RSD	204.0650	6.702744	29.22131

#1	-.000870	-.001804	-.000097
#2	.003374	-.001630	-.000088
#3	.000656	-.001856	-.000053

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2476.579	58228.20	12760.76	1714.897	4234.176
Stddev	4.841	23.89	38.11	7.545	.774
%RSD	.1954683	.0410198	.2986380	.4399799	.0182718

#1	2478.289	58201.58	12718.14	1706.736	4234.304
#2	2480.334	58235.26	12791.54	1716.338	4234.878
#3	2471.116	58247.76	12772.61	1721.619	4233.346

Sample Name: PB165463BS Acquired: 12/10/2024 11:57:39 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.7601417	2.026929	.9475501	1.952240	.7752230	2.032901
Stddev	.0012157	.022084	.0012587	.005415	.0037665	.009882
%RSD	.1599255	1.089547	.1328339	.2773618	.4858578	.4860957

#1	.7589368	2.050111	.9466398	1.953821	.7791659	2.041313
#2	.7601204	2.006136	.9470241	1.946211	.7716621	2.022018
#3	.7613678	2.024541	.9489865	1.956689	.7748409	2.035373

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1972859	.2051202	.1881864	1.036084	.4048127	.1919124
Stddev	.0010603	.0009218	.0003242	.003815	.0031659	.0005615
%RSD	.5374203	.4493878	.1722828	.3682289	.7820775	.2925969

#1	.1984770	.2061761	.1878835	1.039117	.4072450	.1913145
#2	.1964452	.2047080	.1881473	1.031800	.4059601	.1919943
#3	.1969356	.2044764	.1885284	1.037334	.4012330	.1924286

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3083219	2.925251	.2033393	1.982502	.4821545	.0745909
Stddev	.0011665	.021257	.0014772	.011748	.0009440	.0005568
%RSD	.3783356	.7266854	.7264478	.5925666	.1957807	.7465247

#1	.3076590	2.945955	.2049832	1.992609	.4813126	.0748734
#2	.3076380	2.926315	.2021235	1.969613	.4831750	.0749498
#3	.3096688	2.903481	.2029110	1.985284	.4819758	.0739494

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.702202	.3065564	.2106089	9.555051	.2970547	.4034748
Stddev	.030689	.0020836	.0012128	.072839	.0025790	.0002429
%RSD	1.135692	.6796671	.5758769	.7623136	.8681829	.0601975

#1	2.721487	.3062095	.2116421	9.596636	.3000247	.4032166
#2	2.718307	.3046680	.2109110	9.597572	.2957584	.4035089
#3	2.666814	.3087916	.2092735	9.470945	.2953810	.4036988

Sample Name: PB165463BS Acquired: 12/10/2024 11:57:39 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.6674750	.2003732	F .6979256	5.536004	F -.010759	.2100663
Stddev	.0026685	.0018324	.0079204	.016695	.001406	.0006117
%RSD	.3997833	.9144971	1.134850	.3015652	13.06887	.2911842
#1	.6659777	.2024097	.7027023	5.555263	-.011521	.2107489
#2	.6658914	.1998521	.7022916	5.527099	-.009136	.2098822
#3	.6705558	.1988578	.6887830	5.525650	-.011619	.2095679

Elem	Sr4077
Units	ppm
Avg	.2092412
Stddev	.0010279
%RSD	.4912379
#1	.2104281
#2	.2086525
#3	.2086431

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2452.113	57613.10	12515.93	1675.658	4080.261
Stddev	1.311	471.99	77.31	14.958	4.225
%RSD	.0534637	.8192463	.6176771	.8926787	.1035442
#1	2453.057	57213.36	12426.76	1659.087	4082.851
#2	2450.616	57492.15	12564.12	1679.723	4075.385
#3	2452.665	58133.80	12556.91	1688.163	4082.546

Sample Name: PB165464BL Acquired: 12/10/2024 12:01:39 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	-.001163	-.002270	.0003941	.0014346	-.001290	-.006856	-.005114
Stddev	.001221	.001284	.0003126	.0011824	.001046	.003695	.000253
%RSD	104.9679	56.57948	79.32201	82.42181	81.03428	53.88995	4.953309
#1	.000184	-.001826	.0007115	.0003348	-.001975	-.006125	-.004833
#2	-.002197	-.001266	.0000865	.0012838	-.000087	-.010862	-.005326
#3	-.001475	-.003717	.0003844	.0026851	-.001809	-.003582	-.005181
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000202	.0000001	-.011316	-.000407	-.000028	-.000116	-.005346
Stddev	.0000436	.0000445	.004871	.000057	.000170	.000355	.002391
%RSD	215.6528	31379.11	43.04705	13.88799	607.5455	307.1813	44.72851
#1	.0000180	-.000031	-.009050	-.000397	-.000148	-.000307	-.005108
#2	.0000650	-.000020	-.007991	-.000356	.000166	-.000334	-.003082
#3	-.000022	.000051	-.016908	-.000468	-.000102	.000294	-.007846
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000421	-.006153	-.000073	.0008522	-.087718	.0011241	-.000023
Stddev	.000072	.002423	.000181	.0001022	.004017	.0005993	.000114
%RSD	17.00790	39.37993	249.2897	11.99516	4.579264	53.31633	505.4524
#1	-.000463	-.008712	.000086	.0009307	-.088456	.0011180	-.000052
#2	-.000338	-.005852	-.000270	.0007366	-.091315	.0005278	.000103
#3	-.000462	-.003894	-.000033	.0008891	-.083384	.0017264	-.000119
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.109717	.0000059	.0000424	.0035905	.0005734	-.001582	-.001561
Stddev	.009775	.0001463	.0001557	.0005034	.0002678	.000715	.000954
%RSD	8.909083	2489.646	367.1461	14.02104	46.70888	45.17547	61.11768
#1	-.108039	-.000154	.0002191	.0041702	.0006810	-.001534	-.000884
#2	-.120222	.000039	-.000017	.0032630	.0002685	-.002319	-.001148
#3	-.100889	.000132	-.000075	.0033384	.0007707	-.000892	-.002653

Sample Name: PB165464BL Acquired: 12/10/2024 12:01:39 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	-.001060	-.002094	-.000133
Stddev	.002043	.000554	.000018
%RSD	192.7814	26.47842	13.24988
#1	-.001086	-.001536	-.000112
#2	-.003090	-.002100	-.000144
#3	.000996	-.002645	-.000142

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2390.740	56779.62	12688.77	1625.560	4108.894
Stddev	10.070	24.23	44.08	5.672	11.999
%RSD	.4211912	.0426804	.3473871	.3488996	.2920370
#1	2380.172	56764.47	12650.67	1621.077	4097.894
#2	2391.825	56807.57	12678.58	1631.936	4107.096
#3	2400.223	56766.82	12737.05	1623.666	4121.690

Sample Name: PB165464BS Acquired: 12/10/2024 12:06:00 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.7680630	2.068966	.9600379	1.972153	.7797316	2.021917
Stddev	.0008223	.019122	.0005472	.004072	.0035818	.002518
%RSD	.1070610	.9242237	.0569987	.2064884	.4593673	.1245248

#1	.7671188	2.076118	.9596889	1.974018	.7783779	2.021155
#2	.7686220	2.083482	.9606686	1.974959	.7837929	2.019867
#3	.7684482	2.047300	.9597562	1.967482	.7770238	2.024727

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1934643	.2046067	.1909186	1.033275	.4101218	.1946369
Stddev	.0006591	.0006280	.0003613	.004557	.0005882	.0003019
%RSD	.3406661	.3069438	.1892717	.4410183	.1434130	.1551258

#1	.1942249	.2039334	.1906788	1.034492	.4095980	.1947607
#2	.1931057	.2047101	.1907429	1.028233	.4100092	.1942927
#3	.1930622	.2051766	.1913342	1.037100	.4107580	.1948572

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3113884	2.895290	.1994704	1.978975	.4890093	.0753638
Stddev	.0006935	.015509	.0001695	.003691	.0007144	.0001745
%RSD	.2226997	.5356679	.0849509	.1865103	.1460831	.2315114

#1	.3113268	2.905226	.1994530	1.979519	.4881996	.0754728
#2	.3121106	2.877419	.1996479	1.975043	.4892778	.0754561
#3	.3107277	2.903226	.1993103	1.982364	.4895505	.0751626

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.651015	.3070835	.2110883	9.532842	.2962436	.4080639
Stddev	.012220	.0008638	.0020335	.013929	.0008188	.0013385
%RSD	.4609585	.2812973	.9633490	.1461189	.2763804	.3280036

#1	2.663848	.3074146	.2095963	9.547653	.2958638	.4076638
#2	2.639517	.3077329	.2134046	9.530868	.2956837	.4095568
#3	2.649682	.3061031	.2102641	9.520005	.2971833	.4069711

Sample Name: PB165464BS Acquired: 12/10/2024 12:06:00 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.6745179	.1978120	F .7040572	5.640499	F -.007814	.2065893
Stddev	.0006302	.0003809	.0043523	.009542	.000802	.0006080
%RSD	.0934341	.1925316	.6181722	.1691684	10.26858	.2942994
#1	.6751041	.1982204	.6999827	5.630509	-.008590	.2072617
#2	.6745982	.1977489	.7086422	5.649518	-.006987	.2060783
#3	.6738514	.1974666	.7035468	5.641471	-.007866	.2064279

Elem	Sr4077
Units	ppm
Avg	.2058877
Stddev	.0006292
%RSD	.3055918
#1	.2065181
#2	.2052598
#3	.2058851

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2408.568	56579.34	12419.03	1650.150	4003.672
Stddev	6.495	72.51	22.97	13.183	7.255
%RSD	.2696567	.1281602	.1849667	.7988720	.1812102
#1	2408.744	56497.08	12392.58	1646.216	4000.132
#2	2401.987	56633.99	12430.58	1639.382	3998.868
#3	2414.973	56606.96	12433.94	1664.852	4012.018

Sample Name: P5145-01 Acquired: 12/10/2024 12:10:00 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.0142464	-.010445	.3359517	-.010284	.0000640	80.42423
Stddev	.0033069	.001768	.0004593	.002632	.0014716	.24855
%RSD	23.21256	16.93121	.1367168	25.59815	2298.274	.3090475

#1	.0116319	-.009479	.3357229	-.008288	.0017047	80.13769
#2	.0131434	-.009369	.3356517	-.013267	-.000373	80.58163
#3	.0179639	-.012486	.3364804	-.009296	-.001139	80.55336

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4851910	.0035686	.0021702	56.64920	.1046538	.0313925
Stddev	.0003994	.0000070	.0000657	.11704	.0006161	.0002910
%RSD	.0823181	.1955604	3.029730	.2066102	.5887069	.9269527

#1	.4851746	.0035625	.0021140	56.71260	.1047700	.0314409
#2	.4855984	.0035672	.0022425	56.72087	.1052035	.0310804
#3	.4848001	.0035762	.0021542	56.51414	.1039879	.0316563

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2643541	60.35857	.6218483	12.38217	.0740600	-.000087
Stddev	.0007169	.16462	.0018176	.01920	.0000969	.000094
%RSD	.2712009	.2727297	.2922865	.1550380	.1307958	108.9614

#1	.2635597	60.54087	.6223568	12.40039	.0739483	.000019
#2	.2645493	60.31402	.6233574	12.38399	.0741205	-.000118
#3	.2649531	60.22081	.6198306	12.36212	.0741113	-.000161

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.88653	.1043924	.4886256	7.599943	.2937159	.0045329
Stddev	.15174	.0004933	.0014939	.053416	.0001636	.0003751
%RSD	.5077221	.4725839	.3057431	.7028433	.0556959	8.274478

#1	29.72840	.1048816	.4875302	7.544995	.2936983	.0045483
#2	29.90024	.1044005	.4903274	7.603151	.2938876	.0041504
#3	30.03095	.1038950	.4880192	7.651682	.2935619	.0049001

Sample Name: P5145-01 Acquired: 12/10/2024 12:10:00 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.0022850	1.219837	F 62.66695	2.173393	9.384453	.0190557
Stddev	.0009697	.003342	.12948	.009323	.015447	.0001606
%RSD	42.43488	.2739712	.2066126	.4289453	.1646009	.8425988
#1	.0011655	1.222687	62.53218	2.178355	9.384859	.0188773
#2	.0028286	1.220665	62.67830	2.162639	9.368807	.0191888
#3	.0028610	1.216159	62.79038	2.179186	9.399693	.0191009

Elem	Sr4077
Units	ppm
Avg	.2222918
Stddev	.0005812
%RSD	.2614599
#1	.2217876
#2	.2229275
#3	.2221602

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2280.323	56003.34	13607.37	1566.311	3566.250
Stddev	5.035	37.96	20.17	7.832	5.559
%RSD	.2208016	.0677838	.1482499	.5000410	.1558747
#1	2274.855	55993.68	13603.28	1575.295	3561.155
#2	2281.345	56045.19	13589.55	1562.719	3572.179
#3	2284.768	55971.13	13629.27	1560.918	3565.418

Sample Name: P5074-02 Acquired: 12/10/2024 12:14:10 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	-.013333	-.005747	.0887682	.0012903	.0371613	3.506746
Stddev	.002798	.001858	.0005051	.0015455	.0013580	.018383
%RSD	20.98526	32.32207	.5689959	119.7820	3.654288	.5242241

#1	-.010306	-.004635	.0884437	-.000492	.0374606	3.492961
#2	-.013868	-.004714	.0885108	.002104	.0356786	3.527618
#3	-.015824	-.007891	.0893501	.002259	.0383446	3.499661

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2890356	.0004664	.0028072	31.75684	.0695186	.0080507
Stddev	.0016451	.0000391	.0001299	.21406	.0003334	.0001611
%RSD	.5691808	8.382115	4.627001	.6740646	.4796376	2.001046

#1	.2883056	.0004561	.0027576	31.56832	.0691686	.0079418
#2	.2909195	.0005097	.0027095	31.98955	.0695546	.0079744
#3	.2878819	.0004336	.0029547	31.71266	.0698325	.0082357

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3388054	33.54742	.3507022	6.546554	.0578940	.0023419
Stddev	.0027868	.23953	.0015988	.042133	.0002775	.0001687
%RSD	.8225469	.7140111	.4558775	.6435846	.4793212	7.201458

#1	.3358718	33.34548	.3499680	6.527532	.0575742	.0025059
#2	.3391268	33.48472	.3525362	6.594844	.0580711	.0021689
#3	.3414176	33.81207	.3496023	6.517286	.0580367	.0023509

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	401.3788	.0110239	1.270437	22.32340	.1483323	.0212269
Stddev	.7856	.0004437	.001825	.11879	.0007817	.0000957
%RSD	.1957142	4.024470	.1436808	.5321331	.5270023	.4510342

#1	401.7375	.0110320	1.269704	22.25727	.1491455	.0211488
#2	400.4780	.0105763	1.269092	22.25240	.1482651	.0211983
#3	401.9210	.0114635	1.272514	22.46054	.1475864	.0213337

Sample Name: P5074-02 Acquired: 12/10/2024 12:14:10 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.0199753	.1064912	F 22.20214	7.843454	F 21.83723	.0093662
Stddev	.0006018	.0007964	.13683	.042254	.12105	.0004280
%RSD	3.012715	.7478545	.6163090	.5387127	.5543504	4.570088
#1	.0205930	.1059882	22.08985	7.796162	21.70299	.0089227
#2	.0193907	.1074094	22.16201	7.877491	21.87057	.0097769
#3	.0199423	.1060761	22.35455	7.856708	21.93811	.0093990

Elem	Sr4077
Units	ppm
Avg	.1765428
Stddev	.0012057
%RSD	.6829538
#1	.1758860
#2	.1779343
#3	.1758081

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2083.884	51125.78	12384.67	1459.107	3295.116
Stddev	15.768	162.64	77.62	5.929	21.448
%RSD	.7566575	.3181251	.6267263	.4063187	.6509128
#1	2097.521	51248.43	12410.86	1463.847	3317.402
#2	2087.513	51187.64	12297.34	1461.016	3293.330
#3	2066.618	50941.29	12445.80	1452.460	3274.617

Sample Name: P5093-01 Acquired: 12/10/2024 12:18:28 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	-.005045	-.010660	.0185671	.0021926	.0011012	9.529582
Stddev	.001546	.001135	.0014000	.0009184	.0004989	.015363
%RSD	30.64479	10.64313	7.540239	41.88738	45.31118	.1612123

#1	-.006809	-.011468	.0170946	.0011570	.0007690	9.527854
#2	-.003920	-.011150	.0198812	.0025126	.0016749	9.515157
#3	-.004407	-.009363	.0187254	.0029081	.0008596	9.545736

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3950686	.0004303	.0005269	48.15071	.0112549	.0036835
Stddev	.0006984	.0000696	.0000314	.25485	.0001959	.0000147
%RSD	.1767912	16.17295	5.968882	.5292708	1.740231	.3996289

#1	.3955994	.0003995	.0005168	47.97266	.0111240	.0036895
#2	.3942773	.0003813	.0005018	48.03681	.0111606	.0036667
#3	.3953289	.0005099	.0005622	48.44264	.0114801	.0036943

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0162140	6.598169	.4081501	17.18778	.0112642	.0005670
Stddev	.0004397	.036454	.0012429	.13066	.0001962	.0001417
%RSD	2.711670	.5524875	.3045197	.7601895	1.741471	24.99828

#1	.0157063	6.577286	.4074051	17.08925	.0110377	.0005478
#2	.0164716	6.576959	.4074602	17.13810	.0113776	.0007173
#3	.0164641	6.640262	.4095849	17.33600	.0113773	.0004358

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.97375	.0167950	.0454207	8.116699	.0662908	.0026404
Stddev	.04533	.0013822	.0002929	.026365	.0003486	.0001093
%RSD	.1163103	8.229859	.6447994	.3248221	.5258931	4.137528

#1	38.95099	.0183741	.0457078	8.088900	.0664214	.0026282
#2	38.94430	.0162066	.0451224	8.119851	.0658958	.0027552
#3	39.02595	.0158044	.0454317	8.141347	.0665553	.0025378

Sample Name: P5093-01 Acquired: 12/10/2024 12:18:28 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	-.001866	.1469495	F 17.99855	.6770917	8.075668	.0152214
Stddev	.000377	.0027182	.04013	.0022101	.021370	.0002567
%RSD	20.23189	1.849750	.2229352	.3264093	.2646163	1.686456
#1	-.002297	.1459475	17.98906	.6796437	8.051055	.0151182
#2	-.001705	.1448744	17.96402	.6758219	8.086457	.0150324
#3	-.001595	.1500264	18.04257	.6758096	8.089492	.0155137

Elem	Sr4077
Units	ppm
Avg	.1992058
Stddev	.0002571
%RSD	.1290609
#1	.1991010
#2	.1990178
#3	.1994988

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2319.525	56328.58	13425.26	1584.284	3812.518
Stddev	9.032	87.08	25.57	3.177	7.527
%RSD	.3893931	.1545901	.1904591	.2005460	.1974406
#1	2309.116	56248.78	13403.12	1581.661	3804.300
#2	2324.170	56421.45	13453.25	1583.373	3814.176
#3	2325.290	56315.50	13419.43	1587.817	3819.079

Sample Name: P5093-02 Acquired: 12/10/2024 12:22:41 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	-.008184	-.006699	.0006291	.0030657	.0000750	.0184540	-.005224
Stddev	.000416	.000876	.0008421	.0019746	.0012545	.0020944	.000278
%RSD	5.079211	13.06994	133.8685	64.40812	1673.616	11.34918	5.317038
#1	-.008635	-.006530	.0002427	.0028761	.0013812	.0185710	-.004922
#2	-.007817	-.007647	.0015950	.0011928	-.001120	.0204875	-.005281
#3	-.008100	-.005921	.0000494	.0051283	-.000036	.0163036	-.005468
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000216	-.000194	.0364682	.0008026	-.000326	.0002013	.0303974
Stddev	.000072	.000036	.0027400	.0003080	.000087	.0000371	.0005472
%RSD	33.47084	18.53452	7.513509	38.38271	26.58973	18.41285	1.800177
#1	-.000299	-.000211	.0334336	.0010705	-.000259	.0002234	.0310122
#2	-.000179	-.000153	.0372102	.0008712	-.000424	.0001585	.0302164
#3	-.000170	-.000218	.0387609	.0004660	-.000296	.0002219	.0299636
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036027	.0023286	.0006288	.0006016	-.155584	.0007986	.0025493
Stddev	.0000375	.0062980	.0003055	.0000393	.008248	.0008772	.0001669
%RSD	1.041753	270.4628	48.58364	6.536664	5.301149	109.8381	6.545106
#1	.0036234	-.000664	.0009499	.0006436	-.148647	.0005301	.0025347
#2	.0036253	.009565	.0003417	.0005955	-.153401	.0000871	.0027230
#3	.0035594	-.001915	.0005948	.0005657	-.164703	.0017787	.0023903
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.115870	-.002887	.0002775	-.000660	.0008363	.0241365	.0064235
Stddev	.018827	.000100	.0001640	.000404	.0001068	.0049261	.0009741
%RSD	16.24802	3.448960	59.07704	61.16777	12.77372	20.40910	15.16442
#1	-.124517	-.002916	.0004473	-.000841	.0009410	.0275167	.0058643
#2	-.094273	-.002969	.0001200	-.000197	.0007274	.0264084	.0058580
#3	-.128819	-.002776	.0002653	-.000941	.0008405	.0184845	.0075483

Sample Name: P5093-02 Acquired: 12/10/2024 12:22:41 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.0293635	-.004088	-.000079
Stddev	.0010765	.000137	.000017
%RSD	3.665925	3.347895	21.42124
#1	.0305932	-.003940	-.000098
#2	.0285914	-.004115	-.000076
#3	.0289061	-.004210	-.000064

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2451.731	60592.91	13731.96	1671.694	4339.976
Stddev	3.913	138.85	32.92	1.577	1.671
%RSD	.1595866	.2291543	.2397231	.0943596	.0385101
#1	2449.171	60443.05	13700.62	1670.290	4338.899
#2	2449.787	60618.50	13729.00	1671.392	4341.902
#3	2456.235	60717.20	13766.26	1673.401	4339.128

Sample Name: P5093-02DUP Acquired: 12/10/2024 12:27:01 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	-.006685	-.007502	.0005848	.0037699	.0001363	.0153198	-.003978
Stddev	.002114	.000925	.0004140	.0017501	.0005521	.0011400	.000293
%RSD	31.61665	12.32798	70.78733	46.42310	405.2127	7.441270	7.366473

#1	-.008864	-.006997	.0008264	.0057521	.0005238	.0164356	-.003995
#2	-.006549	-.006941	.0001068	.0024381	.0003809	.0141571	-.004263
#3	-.004643	-.008570	.0008211	.0031195	-.000496	.0153667	-.003678

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000191	-.000142	.0195318	.0004966	-.000316	.0004245	.0290138
Stddev	.000033	.000067	.0011805	.0001738	.000041	.0001844	.0022825
%RSD	17.24390	47.28564	6.043754	34.99655	13.11916	43.42860	7.867049

#1	-.000153	-.000218	.0186623	.0004130	-.000333	.0002150	.0275699
#2	-.000206	-.000118	.0208756	.0006964	-.000346	.0004965	.0316453
#3	-.000213	-.000090	.0190574	.0003804	-.000269	.0005620	.0278262

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030720	-.001611	.0008359	.0005931	-.164333	.0014692	.0015703
Stddev	.0001038	.006133	.0003008	.0001615	.001764	.0006043	.0000469
%RSD	3.379636	380.6121	35.98152	27.22346	1.073396	41.13117	2.989065

#1	.0031295	.002726	.0006224	.0004586	-.165613	.0012247	.0016020
#2	.0029522	-.008628	.0011799	.0007722	-.165066	.0010254	.0015926
#3	.0031345	.001068	.0007055	.0005486	-.162321	.0021574	.0015164

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.147444	-.003229	.0004044	-.000693	.0004937	.0210704	.0083139
Stddev	.016801	.000069	.0001099	.000510	.0004508	.0041811	.0004796
%RSD	11.39461	2.127487	27.16081	73.62896	91.30936	19.84338	5.768540

#1	-.134049	-.003233	.0004945	-.000195	.0004190	.0204267	.0080540
#2	-.141990	-.003295	.0004368	-.000669	.0009772	.0255360	.0080205
#3	-.166295	-.003158	.0002821	-.001214	.0000849	.0172485	.0088674

Sample Name: P5093-02DUP Acquired: 12/10/2024 12:27:01 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.0268881	-.003683	-.000096
Stddev	.0048006	.000112	.000006
%RSD	17.85397	3.048156	5.925776
#1	.0311067	-.003805	-.000100
#2	.0216646	-.003584	-.000090
#3	.0278931	-.003659	-.000099

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2463.681	60252.96	13429.68	1689.716	4308.356
Stddev	4.185	117.81	41.29	4.261	2.891
%RSD	.1698588	.1955184	.3074886	.2521770	.0671071
#1	2458.865	60118.22	13391.29	1685.079	4305.393
#2	2465.750	60304.17	13424.39	1690.611	4308.505
#3	2466.429	60336.50	13473.37	1693.459	4311.170

Sample Name: P5093-02LX5 Acquired: 12/10/2024 12:31:23 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	-.002182	-.001466	-.000109	.0011296	-.000064	-.000941	-.003716
Stddev	.001155	.000884	.000329	.0010388	.001375	.003907	.000143
%RSD	52.92124	60.28022	301.4443	91.96575	2137.982	415.0329	3.858570
#1	-.000860	-.002109	-.000372	.0012763	-.001546	.000552	-.003807
#2	-.002697	-.001832	.000260	.0020872	.001170	.001999	-.003791
#3	-.002991	-.000458	-.000215	.0000252	.000183	-.005375	-.003551
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000010	-.000095	-.002729	.0018638	-.000098	-.000270	.0079955
Stddev	.000031	.000086	.002799	.0003178	.000089	.000051	.0008824
%RSD	306.0583	90.20965	102.5396	17.05111	90.58663	18.92294	11.03630
#1	-.000019	-.000000	-.000404	.0022194	.000000	-.000276	.0084564
#2	-.000035	-.000118	-.005836	.0016075	-.000172	-.000217	.0085520
#3	.000024	-.000168	-.001948	.0017646	-.000123	-.000318	.0069781
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003297	-.010485	.0002679	.0003038	-.091426	.0009566	.0005088
Stddev	.0000370	.009314	.0000606	.0003590	.013613	.0001818	.0002068
%RSD	11.22869	88.83797	22.62322	118.1819	14.89019	18.99982	40.64194
#1	.0003282	-.021179	.0002212	-.000008	-.105512	.0011664	.0002757
#2	.0002935	-.006126	.0003364	.000223	-.090425	.0008512	.0005805
#3	.0003675	-.004149	.0002461	.000696	-.078340	.0008521	.0006703
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.074406	-.003270	-.000140	.0030183	.0002351	.0095578	.0018366
Stddev	.021855	.000105	.000188	.0006603	.0001523	.0019382	.0020170
%RSD	29.37251	3.198435	134.4111	21.87799	64.78382	20.27890	109.8247
#1	-.070741	-.003264	.000071	.0029616	.0003029	.0112751	.0007335
#2	-.054615	-.003377	-.000291	.0037051	.0000607	.0099419	.0006116
#3	-.097862	-.003168	-.000200	.0023881	.0003417	.0074563	.0041645

Sample Name: P5093-02LX5 Acquired: 12/10/2024 12:31:23 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.0087732	-.001876	-.000142
Stddev	.0041087	.000284	.000009
%RSD	46.83234	15.12182	6.125038
#1	.0083636	-.002062	-.000139
#2	.0130713	-.001550	-.000152
#3	.0048846	-.002017	-.000136

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2484.912	59589.78	13131.11	1718.738	4208.676
Stddev	4.500	88.87	21.42	3.140	5.182
%RSD	.1811016	.1491348	.1631553	.1827106	.1231164
#1	2482.979	59487.51	13123.83	1715.181	4203.166
#2	2481.700	59633.58	13155.22	1721.125	4209.409
#3	2490.055	59648.24	13114.27	1719.908	4213.451

Sample Name: CCV02 Acquired: 12/10/2024 12:35:43 Type: Unk
Method: NON EPA-6010-200.7(v2514) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.843507	4.941749	4.763238	4.923433	4.903165	9.776393	9.623230
Stddev	.007969	.070074	.009890	.010942	.010800	.035975	.052084
%RSD	.1645335	1.417997	.2076362	.2222333	.2202611	.3679749	.5412337
#1	4.848317	4.916653	4.752832	4.925590	4.913897	9.734865	9.619076
#2	4.847896	4.887678	4.764367	4.911574	4.892299	9.798014	9.573347
#3	4.834308	5.020915	4.772516	4.933136	4.903299	9.796300	9.677267
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2340355	2.363836	23.39493	.9690589	2.368788	1.226323	4.755058
Stddev	.0006101	.004256	.07651	.0027390	.002142	.001769	.017714
%RSD	.2606727	.1800592	.3270494	.2826405	.0904148	.1442153	.3725304
#1	.2333803	2.359307	23.30663	.9688460	2.366420	1.228341	4.739866
#2	.2341392	2.364447	23.43656	.9664326	2.369353	1.225043	4.774515
#3	.2345871	2.367754	23.44161	.9718981	2.370590	1.225586	4.750792
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.320005	23.49345	2.371663	1.213646	24.67535	2.397108	2.475743
Stddev	.009645	.15066	.003309	.000517	.05803	.005108	.007613
%RSD	.4157161	.6412898	.1395171	.0426131	.2351656	.2130973	.3074881
#1	2.310693	23.32599	2.368015	1.213497	24.73713	2.391567	2.468139
#2	2.329951	23.61800	2.372504	1.214222	24.66690	2.401629	2.483365
#3	2.319371	23.53636	2.374471	1.213221	24.62200	2.398129	2.475724
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.73554	4.703090	4.947202	4.780467	4.766902	4.866901	4.848190
Stddev	.05532	.014406	.005867	.015674	.015017	.017709	.012117
%RSD	.2236503	.3063072	.1185936	.3278763	.3150205	.3638695	.2499277
#1	24.67291	4.690461	4.948935	4.766502	4.751280	4.852082	4.843169
#2	24.75598	4.718781	4.940664	4.777477	4.781229	4.862108	4.839391
#3	24.77774	4.700029	4.952007	4.797420	4.768196	4.886514	4.862010

Sample Name: CCV02 Acquired: 12/10/2024 12:35:43 Type: Unk
Method: NON EPA-6010-200.7(v2514) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.707124	4.892756	4.863999
Stddev	.022141	.012615	.037288
%RSD	.4703812	.2578325	.7666154

#1	4.692651	4.880093	4.828199
#2	4.696109	4.905322	4.902615
#3	4.732613	4.892853	4.861183

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2339.920	55581.97	12918.25	1613.309	3705.591
Stddev	6.000	32.40	35.29	6.601	1.621
%RSD	.2564132	.0582866	.2731618	.4091675	.0437406

#1	2333.602	55605.25	12945.54	1618.023	3703.957
#2	2340.616	55544.97	12878.40	1605.765	3707.199
#3	2345.541	55595.69	12930.81	1616.139	3705.616

Sample Name: CCB02 Acquired: 12/10/2024 12:39:54 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.0000383	.0000376	-.000166	.0023250	.0003790	-.005451	-.004399
Stddev	.0024416	.0003875	.000410	.0018862	.0003047	.001983	.000227
%RSD	6376.540	1030.230	247.6001	81.12541	80.40943	36.37972	5.168140
#1	.0007066	-.000408	-.000639	.0001474	.0007063	-.005546	-.004175
#2	.0020762	.000229	.000076	.0034470	.0001034	-.003422	-.004392
#3	-.002668	.000293	.000066	.0033806	.0003273	-.007384	-.004630
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000509	.0000105	-.011928	-.000682	.0001431	-.000452	-.005568
Stddev	.0000260	.0000668	.004029	.000401	.0000765	.000074	.000299
%RSD	51.06191	635.4100	33.77870	58.80175	53.42176	16.47040	5.369673
#1	.0000209	-.000062	-.016269	-.000383	.0000706	-.000528	-.005241
#2	.0000657	.000069	-.011209	-.000525	.0002230	-.000447	-.005636
#3	.0000660	.000025	-.008307	-.001137	.0001357	-.000379	-.005827
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000319	-.020026	-.000023	.0008146	-.083740	.0003609	-.000054
Stddev	.000095	.006044	.000412	.0002267	.011226	.0011109	.000032
%RSD	29.73241	30.17976	1767.369	27.82458	13.40519	307.8359	58.68261
#1	-.000294	-.021057	-.000177	.0009117	-.096209	.0003131	-.000059
#2	-.000239	-.025488	.000444	.0005556	-.080574	-.000725	-.000020
#3	-.000423	-.013533	-.000337	.0009765	-.074438	.001495	-.000084
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.065037	.0034154	.0003800	.0033626	.0005698	.0058306	-.001872
Stddev	.015589	.0005359	.0001608	.0002702	.0001377	.0050443	.001778
%RSD	23.96962	15.69187	42.32471	8.034794	24.16366	86.51436	94.97435
#1	-.082977	.0040006	.0003940	.0035069	.0004727	.0116405	-.001931
#2	-.057354	.0029485	.0002126	.0030509	.0005094	.0025679	-.003619
#3	-.054782	.0032970	.0005333	.0035300	.0007274	.0032833	-.000065

Sample Name: CCB02 Acquired: 12/10/2024 12:39:54 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	-.000698	-.001792	-.000089
Stddev	.002636	.000430	.000010
%RSD	377.6462	23.98844	10.80682
#1	-.002196	-.002160	-.000079
#2	.002345	-.001895	-.000097
#3	-.002243	-.001320	-.000092

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2478.930	59386.29	13182.42	1714.087	4274.074
Stddev	2.966	57.59	13.35	7.776	6.975
%RSD	.1196536	.0969730	.1012787	.4536456	.1631922
#1	2482.347	59452.72	13169.78	1715.899	4282.127
#2	2477.434	59355.64	13181.10	1720.798	4270.105
#3	2477.010	59350.51	13196.38	1705.565	4269.989

Sample Name: P5093-02MS Acquired: 12/10/2024 12:44:57 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.6612266	1.626136	.7840913	1.615529	.7039294	1.810765	.1716293
Stddev	.0033061	.008929	.0030778	.002919	.0010505	.001780	.0006080
%RSD	.4999972	.5490723	.3925305	.1806898	.1492310	.0982787	.3542306
#1	.6576500	1.615891	.7807849	1.612258	.7047542	1.809580	.1716342
#2	.6618589	1.630258	.7846161	1.616461	.7027468	1.812811	.1722348
#3	.6641708	1.632260	.7868730	1.617868	.7042873	1.809904	.1710190
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1647495	.1575026	.9276269	.3599608	.1659362	.2689462	2.587372
Stddev	.0001687	.0004865	.0060786	.0008977	.0005730	.0003987	.002954
%RSD	.1023981	.3088772	.6552821	.2493853	.3453281	.1482293	.1141742
#1	.1649443	.1570411	.9287599	.3608465	.1652867	.2693528	2.589327
#2	.1646519	.1574560	.9330593	.3590516	.1661517	.2689298	2.583973
#3	.1646523	.1580107	.9210616	.3599841	.1663702	.2685560	2.588815
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1768643	1.693002	.4133783	.0632412	2.381763	.2686009	.1827034
Stddev	.0005804	.013431	.0017988	.0003804	.010806	.0010777	.0011262
%RSD	.3281399	.7933175	.4351478	.6014733	.4536792	.4012213	.6163984
#1	.1774168	1.702324	.4116334	.0628157	2.375795	.2674679	.1835258
#2	.1762596	1.699076	.4132750	.0635482	2.394236	.2687218	.1831647
#3	.1769167	1.677607	.4152265	.0633598	2.375258	.2696131	.1814198
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.542431	.2244211	.3888072	.5733756	.1800282	.6682875	4.506723
Stddev	.033558	.0006812	.0001696	.0033095	.0001476	.0021336	.016746
%RSD	.3928339	.3035412	.0436102	.5772007	.0819840	.3192659	.3715797
#1	8.520382	.2251326	.3889403	.5709527	.1801236	.6663232	4.488283
#2	8.581050	.2243559	.3888649	.5720278	.1801028	.6679820	4.510899
#3	8.525860	.2237749	.3886163	.5771464	.1798582	.6705574	4.520985

Sample Name: P5093-02MS Acquired: 12/10/2024 12:44:57 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.0089602	.1827029	.1828463
Stddev	.0028614	.0002948	.0003857
%RSD	31.93419	.1613331	.2109399
#1	.0114703	.1830430	.1832712
#2	.0095659	.1825203	.1827495
#3	.0058445	.1825455	.1825182

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2441.618	59731.14	13332.88	1666.194	4188.559
Stddev	4.200	25.61	39.33	8.378	2.641
%RSD	.1720025	.0428751	.2950205	.5028012	.0630527
#1	2437.133	59701.65	13290.63	1658.036	4187.327
#2	2442.263	59744.03	13368.43	1665.770	4186.760
#3	2445.458	59747.75	13339.59	1674.775	4191.591

Sample Name: P5093-02MSD Acquired: 12/10/2024 12:48:58 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.6502445	1.617803	.7810544	1.586171	.6918335	1.780545	.1702888
Stddev	.0037170	.022605	.0022769	.008085	.0016747	.006061	.0007430
%RSD	.5716292	1.397239	.2915111	.5096912	.2420667	.3403941	.4363130

#1	.6482925	1.611759	.7788188	1.584107	.6921506	1.775184	.1711465
#2	.6479102	1.598835	.7809741	1.579318	.6900229	1.779331	.1698780
#3	.6545308	1.642815	.7833704	1.595087	.6933270	1.787122	.1698419

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1659711	.1567949	.9171603	.3598218	.1649015	.2657991	2.547238
Stddev	.0002501	.0003953	.0055476	.0005241	.0004533	.0008291	.019831
%RSD	.1507065	.2520843	.6048617	.1456557	.2749238	.3119472	.7785441

#1	.1657224	.1563506	.9234349	.3600154	.1648107	.2666660	2.562184
#2	.1662226	.1571075	.9129064	.3592284	.1645004	.2650138	2.554791
#3	.1659684	.1569267	.9151394	.3602215	.1653934	.2657173	2.524740

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1750915	1.701579	.4108896	.0629630	2.319728	.2678291	.1805534
Stddev	.0012482	.025631	.0006485	.0004361	.012417	.0023041	.0012433
%RSD	.7128693	1.506301	.1578392	.6926444	.5352870	.8602964	.6886148

#1	.1764533	1.730911	.4105338	.0625229	2.325483	.2701655	.1814604
#2	.1748191	1.690334	.4104969	.0633950	2.305478	.2677631	.1791361
#3	.1740019	1.683494	.4116382	.0629710	2.328224	.2655587	.1810636

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.300045	.2245993	.3852344	.5732471	.1788033	.6482522	4.578555
Stddev	.025577	.0014459	.0011336	.0017979	.0002095	.0041976	.023841
%RSD	.3081555	.6437585	.2942515	.3136422	.1171516	.6475224	.5207202

#1	8.329419	.2250796	.3857564	.5712228	.1789586	.6476864	4.574154
#2	8.282699	.2257440	.3839339	.5738601	.1788862	.6443662	4.557220
#3	8.288019	.2229744	.3860130	.5746583	.1785651	.6527040	4.604290

Sample Name: P5093-02MSD Acquired: 12/10/2024 12:48:58 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.0029674	.1795319	.1803512
Stddev	.0023507	.0007037	.0003646
%RSD	79.21619	.3919581	.2021516

#1	.0007797	.1801335	.1806268
#2	.0026697	.1787581	.1804891
#3	.0054527	.1797042	.1799378

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2503.087	60542.70	13406.64	1717.661	4278.141
Stddev	8.126	140.38	37.40	16.600	9.202
%RSD	.3246589	.2318764	.2789817	.9664555	.2150886

#1	2497.781	60381.03	13368.97	1699.766	4274.207
#2	2512.443	60613.27	13407.19	1732.558	4288.656
#3	2499.037	60633.79	13443.77	1720.661	4271.560

Sample Name: P5093-02A Acquired: 12/10/2024 12:53:01 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.6572112	1.644630	.7908776	1.596730	.6999857	1.779179	.1743029
Stddev	.0008227	.017514	.0018899	.004979	.0005884	.006078	.0007908
%RSD	.1251867	1.064939	.2389591	.3118066	.0840609	.3415992	.4536835
#1	.6565805	1.634137	.7909827	1.591172	.6997662	1.775438	.1736957
#2	.6581418	1.634903	.7889373	1.598239	.6995386	1.775907	.1740159
#3	.6569112	1.664848	.7927127	1.600780	.7006524	1.786192	.1751971
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1668959	.1583437	.9139703	.3568490	.1665896	.2682735	2.567520
Stddev	.0005812	.0000843	.0022475	.0002769	.0000850	.0007782	.010189
%RSD	.3482116	.0532549	.2459090	.0776110	.0510455	.2900664	.3968352
#1	.1672863	.1583947	.9161755	.3570757	.1666073	.2674017	2.559578
#2	.1671735	.1582464	.9116827	.3565403	.1666644	.2688978	2.563974
#3	.1662281	.1583900	.9140525	.3569309	.1664971	.2685209	2.579008
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1776187	1.712615	.4151855	.0629821	2.350322	.2689853	.1811283
Stddev	.0005080	.009113	.0005745	.0002298	.037157	.0003999	.0011695
%RSD	.2860271	.5321230	.1383621	.3647963	1.580947	.1486778	.6456771
#1	.1775525	1.705846	.4154736	.0627218	2.315210	.2688947	.1798742
#2	.1771470	1.709022	.4145240	.0631566	2.346524	.2686384	.1813218
#3	.1781565	1.722977	.4155589	.0630678	2.389233	.2694227	.1821890
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.300624	.2261268	.3878449	.5779932	.1801353	.6551647	4.630581
Stddev	.114682	.0009635	.0014104	.0009253	.0006343	.0110206	.016219
%RSD	1.381602	.4261126	.3636508	.1600937	.3521345	1.682114	.3502481
#1	8.194844	.2270083	.3872826	.5769314	.1802655	.6476802	4.618775
#2	8.284524	.2262740	.3868024	.5784213	.1794459	.6499941	4.623893
#3	8.422505	.2250981	.3894497	.5786271	.1806944	.6678199	4.649074

Sample Name: P5093-02A Acquired: 12/10/2024 12:53:01 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.0020286	.1815361	.1822934
Stddev	.0018797	.0012365	.0009364
%RSD	92.65698	.6811179	.5136634

#1	.0023017	.1801353	.1815462
#2	.0037568	.1819976	.1819901
#3	.0000274	.1824754	.1833438

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2494.900	60837.23	13327.26	1740.193	4252.434
Stddev	3.110	296.89	31.04	13.538	1.907
%RSD	.1246463	.4880103	.2328948	.7779408	.0448389

#1	2498.378	61033.62	13293.07	1753.879	4252.355
#2	2493.935	60982.39	13353.67	1739.891	4254.379
#3	2492.387	60495.69	13335.05	1726.808	4250.568

Sample Name: P5141-01 Acquired: 12/10/2024 12:57:02 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	-.008057	-.012701	.0003623	.0056362	-.002883	37.20664
Stddev	.002580	.000692	.0001598	.0002572	.001185	.06507
%RSD	32.02410	5.452082	44.11189	4.563866	41.08988	.1748990
#1	-.009783	-.012903	.0001801	.0053459	-.004059	37.13964
#2	-.009298	-.013269	.0004790	.0058358	-.001690	37.21067
#3	-.005091	-.011930	.0004276	.0057268	-.002902	37.26960
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001116	-.000135	-.000196	15.20800	.7189474	.0017409
Stddev	.000238	.000078	.000046	.02873	.0020349	.0000858
%RSD	21.36766	57.35242	23.33221	.1889153	.2830328	4.927920
#1	-.000843	-.000149	-.000194	15.20019	.7166433	.0016488
#2	-.001284	-.000052	-.000151	15.23982	.7197010	.0018185
#3	-.001221	-.000205	-.000242	15.18397	.7204980	.0017554
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0204911	1.749773	.0194320	3.079565	.1116791	.0002273
Stddev	.0003915	.011612	.0002767	.038544	.0002939	.0002921
%RSD	1.910476	.6636418	1.423742	1.251617	.2631623	128.4989
#1	.0207614	1.763167	.0192437	3.040380	.1119860	-.000083
#2	.0200422	1.743613	.0197496	3.117434	.1116512	.000269
#3	.0206697	1.742538	.0193026	3.080882	.1114002	.000496
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1784.242	.0008381	1.146207	231.8815	5.452368	.0193612
Stddev	22.707	.0001206	.004501	.9479	.011373	.0002908
%RSD	1.272659	14.38559	.3926445	.4087861	.2085936	1.501743
#1	1810.281	.0008688	1.149540	232.5314	5.442950	.0196957
#2	1773.891	.0007051	1.147993	230.7938	5.465003	.0191690
#3	1768.555	.0009403	1.141088	232.3192	5.449149	.0192189

Sample Name: P5141-01 Acquired: 12/10/2024 12:57:02 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.0384407	-.000038	.8612972	3.422589	F 860.7584	.0006289
Stddev	.0006192	.000028	.0026463	.024100	4.6845	.0005720
%RSD	1.610821	73.93279	.3072425	.7041545	.5442236	90.96015
#1	.0380961	-.000010	.8597771	3.449288	865.2196	.0012595
#2	.0391555	-.000037	.8597617	3.416037	861.1769	.0004836
#3	.0380704	-.000066	.8643529	3.402442	855.8788	.0001435

Elem	Sr4077
Units	ppm
Avg	.0772382
Stddev	.0001622
%RSD	.2100581
#1	.0772082
#2	.0770930
#3	.0774133

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1838.667	44312.05	11956.03	1270.136	2713.604
Stddev	9.565	136.19	29.35	13.773	11.745
%RSD	.5202098	.3073322	.2455029	1.084410	.4328039
#1	1839.927	44158.24	11937.31	1255.538	2712.048
#2	1847.539	44360.62	11940.91	1271.969	2726.050
#3	1828.534	44417.30	11989.86	1282.901	2702.716

Sample Name: P5174-01 Acquired: 12/10/2024 13:01:25 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.1688141	.0034992	8.547799	-.064000	.0080308	130.7107
Stddev	.0028549	.0043262	.008760	.000902	.0015263	.4416
%RSD	1.691177	123.6345	.1024774	1.408903	19.00610	.3378080

#1	.1655210	.0000016	8.557896	-.062970	.0095981	130.3010
#2	.1705923	.0021591	8.542229	-.064385	.0079452	130.6526
#3	.1703290	.0083369	8.543273	-.064645	.0065490	131.1784

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.159083	.0140566	.0541829	53.66693	.3436042	.1829871
Stddev	.019578	.0001240	.0003337	.06008	.0010442	.0002606
%RSD	.4707224	.8821533	.6158878	.1119560	.3038897	.1424035

#1	4.159743	.0141981	.0545249	53.71258	.3424498	.1829307
#2	4.178323	.0140046	.0538581	53.59886	.3444829	.1832713
#3	4.139184	.0139671	.0541658	53.68935	.3438798	.1827594

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.778559	321.3143	6.336742	55.80971	.5310449	-.001339
Stddev	.001308	1.7997	.011379	.03356	.0009149	.000298
%RSD	.0735285	.5601090	.1795752	.0601407	.1722917	22.25544

#1	1.779289	319.2883	6.349682	55.77346	.5319966	-.001610
#2	1.777049	321.9266	6.328297	55.83972	.5309664	-.001386
#3	1.779339	322.7279	6.332248	55.81593	.5301718	-.001020

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.128636	.4329488	5.528243	20.95545	.1462427	.0119749
Stddev	.003953	.0009814	.009451	.05021	.0015822	.0001257
%RSD	.1857223	.2266769	.1709515	.2396048	1.081869	1.049326

#1	2.129899	.4340820	5.520224	20.90856	.1444844	.0118788
#2	2.124206	.4323743	5.538662	20.94937	.1466925	.0119287
#3	2.131804	.4323902	5.525842	21.00843	.1475513	.0121171

Sample Name: P5174-01 Acquired: 12/10/2024 13:01:25 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.2119521	3.554780	2.535497	F 15.47183	5.219589	.2598558
Stddev	.0020335	.007431	.013101	.09246	.014440	.0011317
%RSD	.9594303	.2090438	.5167009	.5976253	.2766474	.4354961
#1	.2123160	3.557440	2.520685	15.51967	5.232661	.2587543
#2	.2137791	3.546386	2.540243	15.53057	5.222017	.2597978
#3	.2097612	3.560516	2.545564	15.36525	5.204089	.2610154

Elem	Sr4077
Units	ppm
Avg	.1755431
Stddev	.0023175
%RSD	1.320170
#1	.1780827
#2	.1735430
#3	.1750037

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2694.929	66407.92	15933.01	1875.473	3379.126
Stddev	12.122	135.80	10.63	8.791	9.250
%RSD	.4498105	.2044931	.0666903	.4687486	.2737352
#1	2702.843	66564.71	15945.26	1885.603	3384.481
#2	2700.970	66327.55	15926.22	1870.974	3384.452
#3	2680.973	66331.50	15927.55	1869.841	3368.445

Sample Name: P5175-01 Acquired: 12/10/2024 13:05:46 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.0130758	-.024211	.1192576	-.047914	-.006083	99.42772
Stddev	.0050265	.004165	.0008343	.001306	.001605	.05943
%RSD	38.44123	17.20108	.6995524	2.725515	26.38444	.0597717

#1	.0074671	-.019516	.1188939	-.047954	-.004233	99.49535
#2	.0145868	-.027460	.1186669	-.046588	-.006922	99.38385
#3	.0171735	-.025657	.1202119	-.049199	-.007095	99.40396

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5875250	.0059750	.0224395	48.55641	.2443468	.1680336
Stddev	.0014831	.0000614	.0000476	.12577	.0003831	.0002181
%RSD	.2524293	1.028092	.2121020	.2590200	.1567942	.1298048

#1	.5885324	.0059059	.0224928	48.67733	.2442559	.1678365
#2	.5882207	.0059958	.0224012	48.42629	.2447673	.1679964
#3	.5858220	.0060233	.0224246	48.56560	.2440174	.1682679

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6242242	232.6914	2.726087	58.53862	.2823512	-.004779
Stddev	.0012908	.5692	.002567	.17563	.0005742	.000041
%RSD	.2067775	.2446223	.0941731	.3000307	.2033738	.8577509

#1	.6227582	233.1275	2.727723	58.69124	.2817080	-.004805
#2	.6247244	232.0475	2.727411	58.34665	.2825332	-.004800
#3	.6251900	232.8993	2.723128	58.57799	.2828124	-.004732

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.595546	.3788105	.4280399	32.20607	.0952081	.0250702
Stddev	.006269	.0021395	.0020794	.11077	.0012728	.0003626
%RSD	.1743417	.5647990	.4858060	.3439345	1.336813	1.446142

#1	3.590434	.3811955	.4296869	32.33057	.0966731	.0247498
#2	3.602540	.3770600	.4257032	32.16921	.0945772	.0249971
#3	3.593664	.3781760	.4287295	32.11844	.0943742	.0254638

Sample Name: P5175-01 Acquired: 12/10/2024 13:05:46 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	-.000094	8.596776	2.211959	F 13.84401	F 18.00261	.1496305
Stddev	.000951	.014950	.007731	.03466	.05253	.0003900
%RSD	1015.678	.1739080	.3494947	.2503401	.2917902	.2606200
#1	.000358	8.612041	2.214897	13.80829	17.94901	.1499289
#2	.000547	8.596127	2.217789	13.87750	18.05400	.1491893
#3	-.001186	8.582161	2.203190	13.84624	18.00483	.1497734

Elem	Sr4077
Units	ppm
Avg	-.149867
Stddev	.000639
%RSD	.4264033
#1	-.150177
#2	-.149132
#3	-.150292

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2827.403	69449.91	16695.60	1942.541	3324.025
Stddev	3.885	188.77	31.15	15.758	3.826
%RSD	.1374075	.2718058	.1865601	.8112211	.1150883
#1	2823.099	69244.62	16661.04	1926.121	3319.614
#2	2830.650	69616.00	16721.50	1957.541	3326.445
#3	2828.461	69489.11	16704.25	1943.962	3326.015

Sample Name: P5176-01 Acquired: 12/10/2024 13:09:52 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.0288721	-.010987	.3200120	-.043039	-.005488	107.4674	.4583057
Stddev	.0043077	.001710	.0004279	.001943	.000874	.1080	.0007163
%RSD	14.91987	15.56269	.1337046	4.514336	15.92136	.1004648	.1562916
#1	.0285596	-.009856	.3197107	-.040980	-.005310	107.3434	.4574909
#2	.0247292	-.012954	.3205017	-.044840	-.006436	107.5177	.4588361
#3	.0333276	-.010152	.3198236	-.043297	-.004716	107.5409	.4585901
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068994	.0150507	33.99237	.1778697	.1176202	.2598155	205.6056
Stddev	.0000436	.0001630	.12020	.0015929	.0007124	.0010339	.9218
%RSD	.6313605	1.083186	.3536197	.8955454	.6056425	.3979488	.4483464
#1	.0068978	.0152079	33.91942	.1762956	.1168123	.2609904	204.8206
#2	.0069438	.0150618	34.13111	.1778328	.1178906	.2594119	205.3754
#3	.0068567	.0148824	33.92659	.1794807	.1181578	.2590443	206.6207
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.388721	31.33081	.1989906	-.003435	8.734927	.3405024	.4387767
Stddev	.013865	.12699	.0002394	.000141	.038956	.0015618	.0027366
%RSD	.3159212	.4053338	.1203290	4.109287	.4459777	.4586789	.6236831
#1	4.375689	31.19719	.1992584	-.003273	8.743609	.3405529	.4395087
#2	4.403290	31.44994	.1989162	-.003502	8.692362	.3420384	.4357485
#3	4.387183	31.34532	.1987971	-.003530	8.768809	.3389160	.4410728
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.078817	.1224084	.0044026	.0122364	4.201998	4.036702	6.653702
Stddev	.056756	.0007397	.0000198	.0006867	.010059	.031410	.054378
%RSD	.8017792	.6043153	.4507322	5.612001	.2393808	.7780999	.8172595
#1	7.079443	.1226198	.0044225	.0128907	4.196459	4.019323	6.592743
#2	7.021751	.1215860	.0044027	.0115213	4.213608	4.017823	6.671146
#3	7.135259	.1230194	.0043828	.0122971	4.195926	4.072960	6.697218

Sample Name: P5176-01 Acquired: 12/10/2024 13:09:52 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	2.614017	.0807381	-.068141
Stddev	.014330	.0003866	.000706
%RSD	.5481990	.4788829	1.036411
#1	2.597472	.0810080	-.067687
#2	2.622121	.0802951	-.067780
#3	2.622459	.0809110	-.068954

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2731.049	66169.77	15734.29	1870.971	3443.937
Stddev	9.263	186.55	61.38	12.804	6.533
%RSD	.3391749	.2819239	.3901057	.6843254	.1897066
#1	2720.431	66206.84	15731.82	1857.733	3436.622
#2	2737.472	66335.00	15674.19	1883.290	3449.192
#3	2735.244	65967.47	15796.87	1871.892	3445.997

Sample Name: P5176-03 Acquired: 12/10/2024 13:13:58 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.0432034	-.013377	.3817704	-.049014	-.007134	127.8610	.7657682
Stddev	.0020579	.002383	.0016252	.001883	.000231	.3808	.0021562
%RSD	4.763403	17.81305	.4257111	3.842301	3.232043	.2978025	.2815686
#1	.0448492	-.015952	.3799118	-.049172	-.007073	127.5352	.7638429
#2	.0408960	-.012927	.3824747	-.050813	-.007388	127.7681	.7680980
#3	.0438650	-.011251	.3829247	-.047057	-.006939	128.2796	.7653639
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084820	.0177640	95.83052	.2552785	.1355538	.3632128	239.4685
Stddev	.0001605	.0003305	.23430	.0010144	.0005240	.0020444	.7508
%RSD	1.892566	1.860746	.2444898	.3973579	.3865376	.5628651	.3135359
#1	.0085238	.0177956	95.64998	.2546110	.1353420	.3648081	239.4098
#2	.0083047	.0174187	96.09528	.2564458	.1351688	.3609082	240.2470
#3	.0086175	.0180775	95.74628	.2547786	.1361505	.3639220	238.7488
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.143191	47.63105	.2384606	-.004434	21.52168	.4587965	.7996504
Stddev	.019012	.02285	.0006226	.000181	.09038	.0011363	.0004560
%RSD	.3094887	.0479830	.2610881	4.089981	.4199535	.2476625	.0570239
#1	6.130890	47.61867	.2386831	-.004389	21.55998	.4584112	.7999340
#2	6.165089	47.65743	.2377574	-.004279	21.58660	.4579030	.7998929
#3	6.133594	47.61706	.2389414	-.004634	21.41845	.4600753	.7991244
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.43118	.1636323	.0081500	.2877831	4.957615	3.843246	8.443122
Stddev	.03034	.0020474	.0003874	.0007114	.012738	.016103	.055257
%RSD	.2258593	1.251225	4.753810	.2471834	.2569385	.4189862	.6544623
#1	13.39618	.1644784	.0082039	.2873843	4.945194	3.833030	8.506703
#2	13.45008	.1651211	.0085077	.2873606	4.970648	3.834900	8.415962
#3	13.44726	.1612975	.0077384	.2886044	4.957003	3.861808	8.406701

Sample Name: P5176-03 Acquired: 12/10/2024 13:13:58 Type: Unk
Method: NON EPA-6010-200.7(v2514) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.582967	.1065499	.1462352
Stddev	.019041	.0008901	.0009990
%RSD	.3410486	.8353804	.6831332
#1	5.599709	.1055329	.1451208
#2	5.562254	.1069297	.1465341
#3	5.586937	.1071871	.1470506

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2503.429	60875.19	14586.34	1740.192	3265.069
Stddev	5.783	87.39	6.43	1.247	7.207
%RSD	.2310079	.1435589	.0440864	.0716507	.2207432
#1	2503.695	60778.85	14584.96	1740.585	3263.026
#2	2509.075	60897.34	14580.72	1741.195	3273.078
#3	2497.517	60949.38	14593.35	1738.796	3259.104

Sample Name: P5196-01 Acquired: 12/10/2024 13:18:01 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.0855611	-.000534	.1347902	-.032148	-.002086	59.03452	1.009260
Stddev	.0009592	.000798	.0005312	.002424	.001008	.06661	.002426
%RSD	1.121045	149.3680	.3940794	7.539431	48.34617	.1128346	.2404148

#1	.0866636	-.001385	.1353691	-.031598	-.002986	59.08934	1.008107
#2	.0851011	.000197	.1346761	-.034799	-.000996	59.05383	1.012048
#3	.0849185	-.000414	.1343253	-.030046	-.002275	58.96038	1.007625

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071780	.0102839	17.68865	.1593969	.0925274	.2511541	178.0014
Stddev	.0000767	.0001129	.11356	.0004893	.0004841	.0011585	.3623
%RSD	1.068787	1.097884	.6419738	.3069683	.5232248	.4612869	.2035643

#1	.0072505	.0102669	17.69111	.1593932	.0920697	.2514465	177.6704
#2	.0071858	.0101805	17.80095	.1589095	.0924784	.2498774	178.3885
#3	.0070977	.0104043	17.57388	.1598881	.0930342	.2521384	177.9451

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.769702	28.05563	.2253650	-.002237	.9834753	.2820607	.5249934
Stddev	.032790	.18277	.0005774	.000287	.0075806	.0008196	.0005402
%RSD	.5683165	.6514536	.2562145	12.84158	.7707986	.2905583	.1028988

#1	5.771413	28.09363	.2246994	-.002459	.9769512	.2826815	.5254077
#2	5.801603	28.21641	.2257309	-.001913	.9816835	.2823688	.5243824
#3	5.736090	27.85684	.2256648	-.002341	.9917913	.2811317	.5251902

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.25564	.0832609	.0030341	.0080420	1.818036	3.860051	5.626735
Stddev	.02506	.0000953	.0001645	.0006609	.005277	.003026	.008587
%RSD	.2443084	.1144712	5.421782	8.217730	.2902647	.0783887	.1526095

#1	10.23993	.0832782	.0028714	.0081952	1.816177	3.862339	5.629827
#2	10.24245	.0831581	.0032003	.0073180	1.823991	3.861192	5.617030
#3	10.28453	.0833464	.0030306	.0086128	1.813940	3.856620	5.633347

Sample Name: P5196-01 Acquired: 12/10/2024 13:18:01 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	1.479945	.1395483	-.089962
Stddev	.005791	.0004838	.000281
%RSD	.3912702	.3466586	.3128152

#1	1.473351	.1394152	-.089640
#2	1.482278	.1391451	-.090158
#3	1.484205	.1400847	-.090089

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2712.791	65166.42	15144.92	1864.290	3646.590
Stddev	6.897	48.13	85.93	3.474	8.241
%RSD	.2542572	.0738528	.5673987	.1863673	.2259996

#1	2713.789	65127.05	15102.19	1860.334	3646.471
#2	2719.135	65152.13	15088.72	1865.691	3654.890
#3	2705.449	65220.07	15243.84	1866.845	3638.409

Sample Name: P5196-01DUP Acquired: 12/10/2024 13:22:08 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.0864213	.0010493	.1357761	-.032550	-.002058	59.75755	1.027051
Stddev	.0047977	.0040241	.0016089	.001326	.001149	.16125	.004135
%RSD	5.551501	383.4884	1.184944	4.074958	55.84925	.2698474	.4026232

#1	.0914787	.0006382	.1374929	-.032144	-.003306	59.64634	1.024207
#2	.0819344	-.002753	.1355324	-.034032	-.001043	59.94248	1.031794
#3	.0858507	.005263	.1343030	-.031474	-.001825	59.68381	1.025151

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071210	.0098969	17.98016	.1601729	.0932391	.2497152	181.2063
Stddev	.0000893	.0001151	.04914	.0007193	.0002853	.0009083	.7381
%RSD	1.254297	1.162570	.2733208	.4490705	.3060055	.3637375	.4073084

#1	.0071989	.0099030	17.97760	.1607697	.0933181	.2507134	180.5869
#2	.0070235	.0100088	17.93234	.1593743	.0934765	.2494951	181.0091
#3	.0071405	.0097789	18.03053	.1603746	.0929225	.2489372	182.0230

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.861784	28.26697	.2269481	-.001955	.9986636	.2843436	.5312579
Stddev	.003531	.03967	.0007928	.000363	.0157292	.0017115	.0009904
%RSD	.0602427	.1403475	.3493340	18.54293	1.575024	.6019143	.1864172

#1	5.858987	28.29857	.2278078	-.002341	.9805071	.2833992	.5301474
#2	5.865752	28.22245	.2262458	-.001621	1.008148	.2863193	.5320496
#3	5.860613	28.27989	.2267909	-.001904	1.007336	.2833124	.5315768

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.44419	.0847890	.0030427	.0084070	1.850188	4.024900	5.614946
Stddev	.07420	.0009872	.0004305	.0006578	.002494	.010980	.020467
%RSD	.7104330	1.164256	14.14776	7.824026	.1347760	.2728078	.3645017

#1	10.35882	.0838648	.0035206	.0076530	1.851447	4.012562	5.593440
#2	10.48056	.0846734	.0026854	.0088630	1.851802	4.028540	5.617215
#3	10.49318	.0858289	.0029220	.0087049	1.847316	4.033598	5.634184

Sample Name: P5196-01DUP Acquired: 12/10/2024 13:22:08 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	1.476136	.1424375	-.091704
Stddev	.007839	.0010900	.000887
%RSD	.5310316	.7652645	.9668910
#1	1.483773	.1413659	-.091388
#2	1.476525	.1435450	-.091019
#3	1.468110	.1424015	-.092705

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2688.682	64611.45	15039.35	1849.953	3613.383
Stddev	6.629	59.41	52.54	3.650	3.082
%RSD	.2465349	.0919456	.3493221	.1973259	.0853009
#1	2692.764	64634.82	14981.18	1850.513	3609.906
#2	2692.248	64655.62	15053.52	1853.291	3615.780
#3	2681.034	64543.91	15083.34	1846.055	3614.461

Sample Name: CCV03 Acquired: 12/10/2024 13:26:15 Type: Unk
Method: NON EPA-6010-200.7(v2514) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.917775	4.914472	4.849173	4.995577	4.981866	9.964274	9.640386
Stddev	.028217	.087664	.005544	.024528	.012913	.025333	.082431
%RSD	.5737789	1.783790	.1143240	.4909908	.2591908	.2542383	.8550600
#1	4.949673	4.992488	4.853215	5.022167	4.996753	9.935396	9.548407
#2	4.896074	4.931321	4.851450	4.990726	4.973706	9.974678	9.665167
#3	4.907577	4.819606	4.842853	4.973837	4.975139	9.982749	9.707583
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2376687	2.410831	23.75368	.9961431	2.416773	1.249880	4.813050
Stddev	.0008924	.003029	.04380	.0019705	.001584	.002531	.006727
%RSD	.3754723	.1256439	.1843961	.1978167	.0655395	.2025398	.1397731
#1	.2370400	2.410959	23.70780	.9959319	2.417535	1.252614	4.815461
#2	.2386901	2.413794	23.75820	.9982107	2.417832	1.247618	4.818239
#3	.2372760	2.407740	23.79505	.9942866	2.414952	1.249409	4.805449
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.317536	23.97406	2.421671	1.237864	23.99866	2.434473	2.524090
Stddev	.002411	.11154	.002882	.001751	.23630	.003413	.000928
%RSD	.1040303	.4652429	.1189887	.1414471	.9846187	.1401758	.0367634
#1	2.314753	23.87842	2.421949	1.236082	24.20835	2.432877	2.523179
#2	2.318982	23.94717	2.424404	1.239582	24.04500	2.438391	2.525034
#3	2.318873	24.09658	2.418661	1.237927	23.74262	2.432151	2.524056
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.95714	4.765709	5.035680	4.864459	4.790292	4.998862	4.911632
Stddev	.08816	.003520	.016076	.013588	.002378	.009279	.031517
%RSD	.3532596	.0738652	.3192478	.2793255	.0496387	.1856198	.6416783
#1	25.02962	4.761767	5.053329	4.876913	4.788244	4.993518	4.893892
#2	24.98280	4.766820	5.031841	4.866495	4.792899	4.993492	4.948021
#3	24.85899	4.768539	5.021871	4.849968	4.789731	5.009577	4.892984

Sample Name: CCV03 Acquired: 12/10/2024 13:26:15 Type: Unk
Method: NON EPA-6010-200.7(v2514) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.770672	4.890922	4.881850
Stddev	.018634	.012189	.039742
%RSD	.3905858	.2492123	.8140844
#1	4.779903	4.896254	4.851205
#2	4.782888	4.899536	4.867590
#3	4.749225	4.876976	4.926755

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2272.149	53775.14	12596.11	1546.639	3596.384
Stddev	7.935	90.81	13.01	8.755	5.064
%RSD	.3492407	.1688733	.1033190	.5660899	.1408018
#1	2263.211	53670.49	12584.33	1539.333	3590.576
#2	2278.363	53833.30	12610.08	1556.344	3599.873
#3	2274.873	53821.62	12593.92	1544.240	3598.703

Sample Name: CCB03 Acquired: 12/10/2024 13:30:26 Type: Unk
Method: NON EPA-6010-200.7(v2514) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001101	-.000821	-.000218	.0012741	-.000352	-.007311	-.003715
Stddev	.0019952	.000897	.000603	.0003263	.000612	.006070	.000400
%RSD	1812.342	109.3399	276.6669	25.60982	173.8842	83.03046	10.76464
#1	-.002129	-.001686	.000380	.0012169	-.000877	-.007844	-.003470
#2	.001701	-.000882	-.000208	.0009801	.000320	-.013097	-.004177
#3	.000758	.000106	-.000825	.0016251	-.000498	-.000992	-.003499
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000253	-.000010	-.005567	-.000644	-.000040	-.000356	-.002380
Stddev	.0000441	.000060	.002724	.000119	.000035	.000151	.004464
%RSD	174.0266	582.6440	48.92997	18.51468	86.78698	42.39599	187.5469
#1	-.000016	.000058	-.006488	-.000647	-.000078	-.000187	-.000460
#2	.000072	-.000055	-.007711	-.000524	-.000009	-.000477	.000802
#3	.000020	-.000034	-.002502	-.000762	-.000034	-.000405	-.007483
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000324	-.011749	-.000069	.0003670	.0006168	-.000573	-.000005
Stddev	.000161	.005985	.000185	.0002135	.0099460	.001084	.000284
%RSD	49.62439	50.94580	268.9684	58.18300	1612.555	189.1432	6095.692
#1	-.000510	-.005272	.000058	.0002107	-.009824	-.001560	-.000326
#2	-.000237	-.012898	.000017	.0002801	.001694	.000588	.000211
#3	-.000226	-.017076	-.000281	.0006103	.009980	-.000747	.000102
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0286133	.0039548	.0004531	.0032799	.0005350	.0069628	.0010494
Stddev	.0293032	.0005858	.0003195	.0003047	.0001721	.0030844	.0003008
%RSD	102.4111	14.81325	70.51009	9.289053	32.17356	44.29834	28.66500
#1	-.005132	.0034633	.0006346	.0031277	.0006230	.0037116	.0011392
#2	.047631	.0046030	.0006406	.0030812	.0006453	.0098477	.0012951
#3	.043341	.0037980	.0000842	.0036307	.0003367	.0073292	.0007139

Sample Name: CCB03 Acquired: 12/10/2024 13:30:26 Type: Unk
Method: NON EPA-6010-200.7(v2514) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0066334	-.001201	-.000111
Stddev	.0029140	.000122	.000025
%RSD	43.92992	10.18003	22.61601

#1	.0095906	-.001285	-.000134
#2	.0065449	-.001257	-.000084
#3	.0037646	-.001060	-.000113

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2412.906	57150.99	12597.70	1654.021	4123.861
Stddev	2.482	148.90	34.96	11.069	5.617
%RSD	.1028776	.2605305	.2775446	.6691967	.1362042

#1	2412.681	57021.05	12583.44	1645.736	4117.780
#2	2410.544	57118.47	12637.54	1649.736	4128.855
#3	2415.494	57313.46	12572.12	1666.592	4124.948

Sample Name: P5196-01LX5 Acquired: 12/10/2024 13:34:47 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.0169867	.0005885	.0286861	-.005437	-.002071	13.55848	.2314465
Stddev	.0030563	.0018626	.0007212	.001365	.001491	.06332	.0021057
%RSD	17.99219	316.4918	2.514229	25.09630	72.00185	.4670459	.9098008

#1	.0200732	.0006233	.0293792	-.006516	-.001846	13.50069	.2297414
#2	.0169253	.0024334	.0279397	-.003903	-.003661	13.54857	.2307978
#3	.0139616	-.001291	.0287394	-.005891	-.000705	13.62617	.2338002

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018064	.0007214	4.190441	.0369034	.0186154	.0615384	41.47691
Stddev	.0000242	.0000249	.026204	.0003995	.0000513	.0004644	.14796
%RSD	1.340180	3.449196	.6253197	1.082618	.2757370	.7546830	.3567199

#1	.0018302	.0007445	4.161792	.0365362	.0186288	.0615845	41.32721
#2	.0018073	.0007245	4.196337	.0368450	.0185586	.0610526	41.48045
#3	.0017818	.0006951	4.213195	.0373289	.0186586	.0619780	41.62306

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.387530	6.544235	.0458778	-.000712	.2096121	.0666783	.1221684
Stddev	.012532	.037435	.0002259	.000322	.0193688	.0006519	.0002542
%RSD	.9031587	.5720285	.4923747	45.15456	9.240311	.9776413	.2080728

#1	1.375221	6.505796	.0460098	-.000589	.1922372	.0665028	.1219222
#2	1.387097	6.546334	.0460067	-.001077	.2061040	.0674000	.1221530
#3	1.400272	6.580577	.0456170	-.000470	.2304953	.0661321	.1224299

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.268999	.0195999	.0005712	.0042981	.4302622	.9164719	1.141725
Stddev	.022227	.0006575	.0000925	.0007753	.0036572	.0114727	.006636
%RSD	.9795921	3.354385	16.19946	18.03830	.8499892	1.251837	.5812598

#1	2.264364	.0203370	.0004743	.0049416	.4263547	.9050280	1.146316
#2	2.293178	.0190740	.0005807	.0045154	.4308290	.9164145	1.144742
#3	2.249455	.0193888	.0006586	.0034373	.4336028	.9279733	1.134115

Sample Name: P5196-01LX5 Acquired: 12/10/2024 13:34:47 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.2987918	.0309897	-.020784
Stddev	.0010758	.0005203	.000015
%RSD	.3600630	1.678800	.0736918
#1	.3000258	.0309809	-.020766
#2	.2980507	.0304739	-.020790
#3	.2982991	.0315143	-.020795

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2529.812	59628.27	13288.01	1758.533	3991.476
Stddev	3.397	114.11	36.25	7.747	5.038
%RSD	.1342966	.1913734	.2728022	.4405301	.1262177
#1	2529.522	59522.12	13319.07	1752.887	3988.799
#2	2533.344	59613.73	13296.78	1755.347	3997.287
#3	2526.568	59748.95	13248.18	1767.365	3988.341

Sample Name: P5196-01MS Acquired: 12/10/2024 13:39:03 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.7099818	1.747713	1.040164	1.459209	.3832580	70.23877
Stddev	.0020541	.015495	.001022	.012270	.0018450	.10423
%RSD	.2893125	.8865652	.0982367	.8408960	.4814020	.1483988

#1	.7094329	1.739207	1.041260	1.446295	.3814628	70.25657
#2	.7122545	1.738334	1.039238	1.460619	.3851491	70.12679
#3	.7082579	1.765597	1.039993	1.470714	.3831621	70.33296

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9061723	.1650316	.1915922	21.44941	.4904239	.2827586
Stddev	.0028950	.0007746	.0001257	.10841	.0008404	.0002711
%RSD	.3194731	.4693468	.0656226	.5054218	.1713655	.0958640

#1	.9093539	.1652715	.1914794	21.40001	.4913892	.2824467
#2	.9036932	.1641654	.1917278	21.37450	.4900282	.2829368
#3	.9054699	.1656577	.1915695	21.57372	.4898545	.2828923

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4178282	179.0666	2.415629	34.42769	.6456622	.0583986
Stddev	.0007817	.5435	.012443	.27866	.0010013	.0001095
%RSD	.1870848	.3035344	.5151129	.8094084	.1550759	.1875319

#1	.4178043	178.4989	2.414153	34.24070	.6447150	.0583458
#2	.4170587	179.1186	2.403989	34.29440	.6455618	.0583254
#3	.4186215	179.5823	2.428744	34.74796	.6467099	.0585245

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.696706	.5324575	.7066944	20.83637	.2910203	.3347245
Stddev	.018395	.0030847	.0027578	.08976	.0013714	.0007671
%RSD	.4975926	.5793331	.3902365	.4308089	.4712493	.2291697

#1	3.717322	.5302431	.7041450	20.93952	.2894542	.3342204
#2	3.690823	.5311486	.7096216	20.79368	.2916004	.3343459
#3	3.681973	.5359808	.7063167	20.77593	.2920064	.3356073

Sample Name: P5196-01MS Acquired: 12/10/2024 13:39:03 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.6370816	2.450872	5.021866	F 11.18411	1.582752	.3424608
Stddev	.0005312	.006062	.027651	.03445	.005397	.0023522
%RSD	.0833800	.2473204	.5506113	.3080436	.3409999	.6868457
#1	.6373937	2.447218	4.997436	11.21299	1.576520	.3451240
#2	.6373828	2.447529	5.051885	11.14598	1.585834	.3406676
#3	.6364682	2.457869	5.016279	11.19335	1.585901	.3415907

Elem	Sr4077
Units	ppm
Avg	.0920736
Stddev	.0011639
%RSD	1.264087
#1	.0933660
#2	.0911082
#3	.0917467

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2613.753	63023.26	14411.56	1804.272	3545.078
Stddev	4.436	19.86	58.78	2.021	5.995
%RSD	.1697105	.0315060	.4078849	.1119881	.1691059
#1	2614.640	63027.25	14411.71	1804.478	3538.379
#2	2617.678	63001.72	14470.27	1806.182	3549.938
#3	2608.940	63040.83	14352.70	1802.156	3546.917

Sample Name: P5196-01MSD Acquired: 12/10/2024 13:43:02 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.7110135	1.736636	1.029966	1.465015	.3865075	69.98836
Stddev	.0016335	.010111	.003437	.001004	.0007121	.03489
%RSD	.2297460	.5822406	.3336857	.0685321	.1842381	.0498527

#1	.7116467	1.739792	1.026109	1.466021	.3868997	69.95311
#2	.7091581	1.744793	1.031083	1.464014	.3856855	69.98910
#3	.7122355	1.725323	1.032705	1.465009	.3869372	70.02288

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8964329	.1633502	.1898206	21.38247	.4852305	.2806791
Stddev	.0028896	.0007514	.0001476	.10001	.0016931	.0004708
%RSD	.3223423	.4599652	.0777565	.4677162	.3489237	.1677227

#1	.8951684	.1625347	.1896669	21.28852	.4850419	.2801773
#2	.8997392	.1640145	.1898336	21.48760	.4836396	.2807488
#3	.8943911	.1635014	.1899613	21.37128	.4870100	.2811111

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4132266	177.8836	2.389667	34.16218	.6398612	.0587146
Stddev	.0002418	.5171	.016107	.21839	.0014824	.0001687
%RSD	.0585059	.2906873	.6740425	.6392655	.2316684	.2872994

#1	.4131037	177.2887	2.373560	33.92168	.6389984	.0588058
#2	.4130710	178.1374	2.405775	34.34811	.6390124	.0585199
#3	.4135052	178.2248	2.389668	34.21674	.6415729	.0588180

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.650998	.5284419	.6983470	20.76235	.2837353	.3346472
Stddev	.016417	.0025833	.0000844	.07145	.0018331	.0003624
%RSD	.4496571	.4888483	.0120861	.3441553	.6460674	.1082899

#1	3.660691	.5258706	.6984443	20.77196	.2818011	.3345762
#2	3.632043	.5310370	.6983038	20.68658	.2854470	.3350398
#3	3.660260	.5284181	.6982930	20.82852	.2839578	.3343256

Sample Name: P5196-01MSD Acquired: 12/10/2024 13:43:02 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.6324418	2.427551	4.965758	F 10.96019	1.561981	.3389495
Stddev	.0021512	.008164	.014861	.03664	.002373	.0001007
%RSD	.3401347	.3363204	.2992669	.3343143	.1519526	.0297064
#1	.6312369	2.421896	4.958067	10.99632	1.564385	.3389450
#2	.6349253	2.436911	4.956320	10.96120	1.561920	.3390524
#3	.6311631	2.423846	4.982889	10.92306	1.559639	.3388512

Elem	Sr4077
Units	ppm
Avg	.0908999
Stddev	.0005868
%RSD	.6456012
#1	.0909584
#2	.0914553
#3	.0902860

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2607.029	63095.97	14494.55	1801.295	3561.728
Stddev	3.898	128.47	45.35	12.786	5.443
%RSD	.1495313	.2036055	.3128645	.7098411	.1528133
#1	2610.012	62947.79	14510.64	1786.561	3564.558
#2	2608.456	63176.13	14443.35	1809.479	3565.174
#3	2602.618	63163.98	14529.66	1807.845	3555.454

Sample Name: P5196-01A Acquired: 12/10/2024 13:47:01 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.7165648	1.818995	1.038965	1.474769	.3850526	70.56299
Stddev	.0017689	.014689	.002589	.002057	.0020026	.12823
%RSD	.2468537	.8075440	.2492100	.1394838	.5200796	.1817290

#1	.7179598	1.819755	1.041587	1.472736	.3841187	70.64459
#2	.7145753	1.803941	1.036410	1.474722	.3836876	70.41518
#3	.7171593	1.833290	1.038898	1.476849	.3873516	70.62919

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8953577	.1655750	.1919835	21.17579	.4924444	.2824104
Stddev	.0007450	.0006337	.0006521	.04715	.0005815	.0007402
%RSD	.0832080	.3827455	.3396772	.2226586	.1180795	.2620890

#1	.8956508	.1650970	.1919568	21.17794	.4924010	.2820866
#2	.8959115	.1653340	.1913451	21.22182	.4930464	.2818873
#3	.8945107	.1662938	.1926485	21.12760	.4918858	.2832573

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4207734	176.2864	2.372947	34.35263	.6430817	.0575973
Stddev	.0011012	.5699	.005970	.09226	.0012703	.0003949
%RSD	.2617018	.3232642	.2515951	.2685592	.1975332	.6856891

#1	.4208171	175.9597	2.366590	34.25100	.6426448	.0576725
#2	.4196511	176.9444	2.378435	34.37579	.6420875	.0579493
#3	.4218521	175.9550	2.373817	34.43110	.6445128	.0571702

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.621600	.5304698	.7044098	20.78559	.2870459	.3369991
Stddev	.012932	.0016648	.0035875	.02797	.0012733	.0008269
%RSD	.3570868	.3138327	.5092961	.1345578	.4435753	.2453797

#1	3.626763	.5309477	.7060686	20.80810	.2858756	.3372638
#2	3.631152	.5318433	.7068678	20.79440	.2868604	.3360722
#3	3.606883	.5286183	.7002930	20.75428	.2884018	.3376613

Sample Name: P5196-01A Acquired: 12/10/2024 13:47:01 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.6385536	2.454824	5.509793	F 10.99970	1.573493	.3400576
Stddev	.0037445	.001713	.019268	.04280	.001832	.0009443
%RSD	.5864098	.0697620	.3497125	.3891014	.1164312	.2776836
#1	.6351023	2.454195	5.492425	11.03272	1.571480	.3411250
#2	.6380234	2.453516	5.506433	10.95135	1.573934	.3393312
#3	.6425349	2.456762	5.530520	11.01504	1.575064	.3397166

Elem	Sr4077
Units	ppm
Avg	.0920629
Stddev	.0005475
%RSD	.5946602
#1	.0926102
#2	.0915152
#3	.0920633

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2607.119	62665.45	14369.43	1782.026	3549.605
Stddev	7.566	194.13	33.03	14.334	7.068
%RSD	.2902192	.3097854	.2298396	.8043796	.1991077
#1	2601.260	62489.58	14331.68	1769.300	3542.632
#2	2604.435	62633.02	14392.95	1779.224	3549.420
#3	2615.661	62873.75	14383.68	1797.554	3556.764

Sample Name: LR1 Acquired: 12/10/2024 13:52:57 Type: Unk
Method: NON EPA-6010-200.7(v2517) 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	.0303679	.1054883	-.000587	-.286200	-.026261	1911.822	.0112680
Stddev	.0142869	.0051608	.005734	.010606	.005065	6.766	.0001921
%RSD	47.04598	4.892298	977.4212	3.705834	19.28724	.3539132	1.705042
#1	.0440815	.1094956	-.001241	-.282180	-.020786	1918.971	.0112068
#2	.0155696	.1073043	-.005966	-.278191	-.027218	1905.519	.0114833
#3	.0314526	.0996649	.005447	-.298228	-.030780	1910.976	.0111139
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099028	.1146877	1673.479	-.001678	.0470106	.1157653	1002.265
Stddev	.0001400	.0012323	8.566	.000793	.0010465	.0026139	1.457
%RSD	1.414185	1.074454	.5118813	47.22783	2.225988	2.257925	.1453398
#1	.0098140	.1144259	1674.929	-.001067	.0480063	.1136204	1003.234
#2	.0100642	.1160298	1681.228	-.001394	.0471057	.1186768	1000.590
#3	.0098302	.1136073	1664.280	-.002574	.0459199	.1149988	1002.971
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.124805	1701.378	.0177537	-.068949	2077.950	.0822706	.3385260
Stddev	.000334	14.407	.0011424	.000942	8.069	.0019607	.0035456
%RSD	.2679518	.8468017	6.434534	1.365916	.3883122	2.383227	1.047364
#1	-.124783	1711.404	.0189963	-.068976	2085.968	.0809071	.3377158
#2	-.124482	1707.863	.0175158	-.069877	2069.832	.0845176	.3424066
#3	-.125150	1684.868	.0167491	-.067994	2078.049	.0813871	.3354557
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1358.069	.3477018	-.016767	.0204327	-.036921	.1788766	.0976980
Stddev	1.839	.0030110	.000415	.0022055	.000740	.0034262	.0018227
%RSD	.1354366	.8659638	2.474848	10.79386	2.005358	1.915402	1.865669
#1	1358.107	.3504490	-.016314	.0215982	-.036262	.1788420	.0958597
#2	1359.889	.3481737	-.017129	.0178890	-.037723	.1823200	.0995048
#3	1356.211	.3444828	-.016857	.0218109	-.036779	.1754679	.0977296

Sample Name: LR1 Acquired: 12/10/2024 13:52:57 Type: Unk
Method: NON EPA-6010-200.7(v2517) 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	-.238581	-.269526	-.990556
Stddev	.006438	.002351	.001479
%RSD	2.698432	.8723520	.1492608
#1	-.239331	-.269308	-.991626
#2	-.231801	-.271979	-.988869
#3	-.244611	-.267292	-.991174

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1328.041	33506.99	9246.405	918.8214	1870.792
Stddev	4.099	78.76	14.409	9.6589	5.628
%RSD	.3086582	.2350665	.1558322	1.051232	.3008416
#1	1330.546	33532.44	9262.550	924.1002	1873.379
#2	1323.310	33418.64	9234.850	907.6735	1864.335
#3	1330.266	33569.87	9241.816	924.6907	1874.661

Sample Name: LR2 Acquired: 12/10/2024 13:57:54 Type: Unk
Method: NON EPA-6010-200.7(v2517) 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	.0123903	-.030508	256.2228	.0096221	.0021457	.0567828	^F *****
Stddev	.0026024	.002635	.6829	.0013969	.0031097	.0046140	-----
%RSD	21.00370	8.637763	.2665342	14.51784	144.9287	8.125688	-----
#1	.0153951	-.027764	257.0088	.0111711	.0057342	.0586782	^ -----
#2	.0108599	-.030739	255.7750	.0092372	.0002396	.0601472	^ -----
#3	.0109158	-.033019	255.8845	.0084580	.0004634	.0515229	^ -----
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002699	-.005291	-.073512	.0123323	-.018696	234.0294	.0093517
Stddev	.000016	.000141	.010399	.0006691	.000456	1.6388	.0021396
%RSD	.5832679	2.661356	14.14572	5.425874	2.440189	.7002674	22.87919
#1	-.002710	-.005360	-.061584	.0115963	-.018180	235.6160	.0118222
#2	-.002681	-.005129	-.078280	.0129039	-.018860	234.1294	.0081226
#3	-.002706	-.005384	-.080672	.0124967	-.019047	232.3429	.0081102
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.24258	-.035584	51.74518	.0061949	.5743366	-.016239	38.44382
Stddev	.29610	.012605	.08842	.0001085	.0094988	.000302	.39886
%RSD	.7179511	35.42342	.1708748	1.751648	1.653869	1.860317	1.037508
#1	40.97598	-.023773	51.80397	.0062531	.5676822	-.016273	38.22250
#2	41.19049	-.034123	51.64350	.0062618	.5852147	-.016524	38.90427
#3	41.56127	-.048856	51.78807	.0060697	.5701129	-.015922	38.20470
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5162457	-.001801	-.002847	-.003669	-.043457	-.003597	2.773912
Stddev	.0199470	.000401	.000269	.000947	.000551	.004493	.028530
%RSD	3.863858	22.24341	9.462820	25.82334	1.267699	124.9159	1.028498
#1	.5285286	-.001373	-.003112	-.003577	-.042984	-.008503	2.805797
#2	.5269782	-.002167	-.002574	-.002771	-.044062	-.002601	2.765141
#3	.4932303	-.001862	-.002856	-.004659	-.043326	.000315	2.750797

Sample Name: LR2 Acquired: 12/10/2024 13:57:54 Type: Unk
Method: NON EPA-6010-200.7(v2517) 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	-.015479	.0005102	.0020879
Stddev	.004631	.0006224	.0000376
%RSD	29.92010	121.9774	1.800559

#1	-.010295	.0009385	.0020725
#2	-.019208	.0007958	.0021307
#3	-.016934	-.000204	.0020603

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1975.332	55213.65	12679.28	1499.338	3726.646
Stddev	1.975	94.67	77.30	5.175	3.098
%RSD	.0999704	.1714575	.6096743	.3451800	.0831281

#1	1976.056	55205.73	12742.93	1501.169	3729.937
#2	1973.097	55312.04	12701.66	1503.349	3723.787
#3	1976.842	55123.20	12593.26	1493.496	3726.213

Sample Name: CCV04 Acquired: 12/10/2024 14:19:58 Type: Unk
Method: NON EPA-6010-200.7(v2514) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.916683	4.833436	4.846965	4.980599	5.002758	9.887202	9.756563
Stddev	.020836	.061487	.010023	.026133	.013320	.015214	.066575
%RSD	.4237762	1.272113	.2067934	.5247018	.2662626	.1538797	.6823645
#1	4.924409	4.799016	4.843614	4.974651	5.009111	9.871009	9.758643
#2	4.893088	4.796869	4.839047	4.957952	4.987450	9.901200	9.688972
#3	4.932553	4.904424	4.858235	5.009193	5.011712	9.889396	9.822074
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2418729	2.411023	23.97163	.9912288	2.418415	1.252961	4.802636
Stddev	.0002981	.004930	.12402	.0015446	.004969	.004896	.014958
%RSD	.1232303	.2044591	.5173702	.1558294	.2054617	.3907254	.3114532
#1	.2416735	2.410270	23.84600	.9930124	2.417737	1.252585	4.785438
#2	.2417296	2.406513	23.97489	.9903362	2.413820	1.248265	4.809852
#3	.2422155	2.416286	24.09398	.9903378	2.423688	1.258034	4.812617
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.363190	24.03408	2.422640	1.232932	24.62330	2.454606	2.506264
Stddev	.010712	.19177	.005035	.002557	.28708	.007193	.012742
%RSD	.4532794	.7979002	.2078196	.2073685	1.165897	.2930609	.5084244
#1	2.355492	23.82209	2.421722	1.230420	24.93890	2.447920	2.499983
#2	2.358655	24.08468	2.418127	1.235531	24.55336	2.453680	2.520928
#3	2.375424	24.19547	2.428071	1.232844	24.37766	2.462217	2.497882
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.85720	4.847499	5.019672	4.850965	4.839470	4.916787	5.011077
Stddev	.12671	.012671	.018476	.014474	.005533	.028839	.032762
%RSD	.5097480	.2613979	.3680694	.2983692	.1143372	.5865515	.6537907
#1	25.00190	4.833025	5.010372	4.845235	4.840723	4.888291	5.000765
#2	24.80360	4.852882	5.007694	4.840234	4.833417	4.916113	4.984712
#3	24.76610	4.856590	5.040950	4.867427	4.844269	4.945958	5.047754

Sample Name: CCV04 Acquired: 12/10/2024 14:19:58 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	4.783829	4.939892	4.960055
Stddev	.018675	.039063	.010114
%RSD	.3903792	.7907741	.2039074

#1	4.777877	4.981906	4.971694
#2	4.768855	4.933098	4.953402
#3	4.804755	4.904671	4.955069

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2279.811	54271.40	12469.59	1569.599	3609.823
Stddev	5.626	77.67	28.53	1.103	8.937
%RSD	.2467578	.1431076	.2287940	.0702809	.2475657

#1	2276.924	54284.86	12485.21	1569.617	3602.805
#2	2286.294	54341.46	12486.90	1568.487	3619.883
#3	2276.216	54187.89	12436.66	1570.693	3606.780

Sample Name: CCB04 Acquired: 12/10/2024 14:24:08 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	-.000845	.0000463	-.000213	.0027421	.0002738	-.007698	-.005553
Stddev	.001560	.0003471	.000302	.0016374	.0019280	.001952	.000411
%RSD	184.6888	749.6793	142.1686	59.71467	704.1415	25.35114	7.403593

#1	-.000140	.0004285	-.000410	.0013877	.0003497	-.007865	-.006019
#2	.000238	-.000249	-.000364	.0022768	-.001691	-.005668	-.005244
#3	-.002633	-.000041	.000135	.0045619	.002163	-.009561	-.005395

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000077	.0000602	-.006661	-.000450	.0000488	.0000372	-.002039
Stddev	.0000372	.0000282	.002117	.000298	.0000952	.0000325	.003331
%RSD	481.4610	46.81536	31.78901	66.29167	195.3046	87.22633	163.3638

#1	.0000477	.0000920	-.006932	-.000514	.0000888	.0000728	-.001868
#2	.0000013	.0000384	-.008629	-.000125	.0001174	.0000092	-.005451
#3	-.000026	.0000503	-.004421	-.000711	-.000060	.0000297	.001203

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000263	-.011725	-.000175	.0008117	.1794810	.0012061	-.000242
Stddev	.000171	.010956	.000040	.0002147	.0229279	.0003584	.000177
%RSD	65.12212	93.44353	23.01330	26.44671	12.77456	29.71152	72.92587

#1	-.000066	-.003948	-.000137	.0010190	.1581443	.0015047	-.000075
#2	-.000374	-.024255	-.000171	.0005903	.1765754	.0013049	-.000426
#3	-.000349	-.006971	-.000218	.0008258	.2037232	.0008087	-.000225

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1299972	.0013724	.0003968	.0025984	.0004516	.0093719	-.001478
Stddev	.0371806	.0001391	.0001425	.0004305	.0005147	.0044202	.001446
%RSD	28.60108	10.13297	35.91488	16.56664	113.9748	47.16366	97.87293

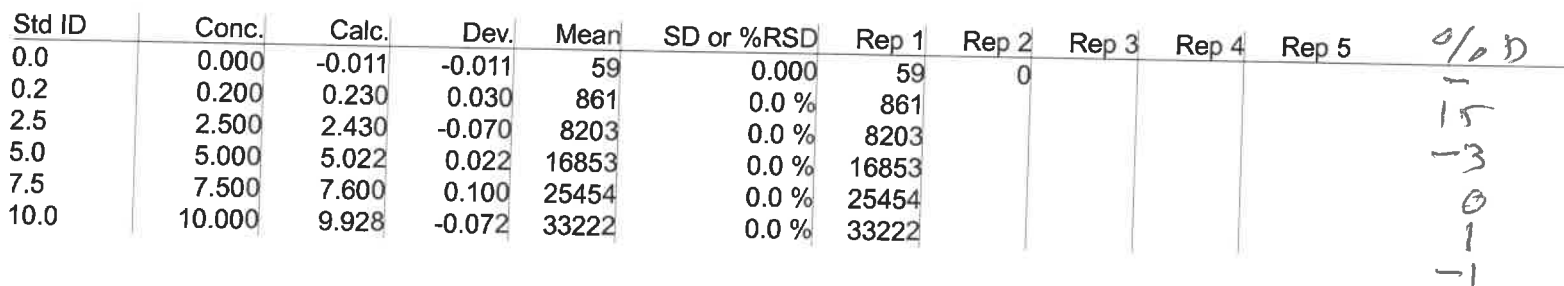
#1	.0878521	.0015272	.0005613	.0028402	.0001679	.0109746	-.001269
#2	.1439817	.0013318	.0003186	.0021014	.0001412	.0127672	-.003017
#3	.1581577	.0012581	.0003105	.0028536	.0010457	.0043740	-.000147

Sample Name: CCB04 Acquired: 12/10/2024 14:24:08 Type: Unk
Method: NON EPA-6010-200.7(v2514) 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	.0040434	.0006566	-.000104
Stddev	.0034765	.0004548	.000004
%RSD	85.97811	69.26305	4.039795
#1	.0034388	.0001334	-.000102
#2	.0009089	.0008797	-.000101
#3	.0077826	.0009568	-.000109

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2394.542	57065.97	12526.97	1632.919	4101.546
Stddev	7.339	63.94	21.66	10.976	8.430
%RSD	.3064982	.1120421	.1728939	.6721633	.2055415
#1	2389.579	57032.16	12531.78	1620.263	4093.763
#2	2391.074	57139.71	12545.83	1639.831	4100.375
#3	2402.973	57026.03	12503.32	1638.662	4110.501

INSTRUMENT ID: CV2



LB133780 INSTRUMENT ID : CV1

Method: 7470A

Operator: Admin

Date of Analysis: 06 Dec 2024 11:06:52

Sample ID	Extended ID	µ Abs	Conc	Std Conc	Method	Units	Date	Type	Type
0.0 - 1	50	58	-	0.000	7470A	PPB	06 Dec 2024 11:18:38	S	Std
0.2 - 1	50.2	861	-	0.200	7470A	PPB	06 Dec 2024 11:20:55	S	Std
2.5 - 1	52.5	8203	-	2.500	7470A	PPB	06 Dec 2024 11:23:12	S	Std
5.0 - 1	55	16853	-	5.000	7470A	PPB	06 Dec 2024 11:25:29	S	Std
7.5 - 1	57.5	25454	-	7.500	7470A	PPB	06 Dec 2024 11:30:25	S	Std
10.0 - 1	58	33222	-	10.000	7470A	PPB	06 Dec 2024 11:35:22	S	Std
ICV11 - 1	ICV11	12914	3.8420	-	7470A	PPB	06 Dec 2024 11:38:18	U	SMPL
ICB11 - 1	ICB11	-204	-0.0895	-	7470A	PPB	06 Dec 2024 11:40:33	U	SMPL
CCV95 - 1	CCV95	16787	5.0027	-	7470A	PPB	06 Dec 2024 11:42:49	U	SMPL
CCB95 - 1	CCB95	-177	-0.0815	-	7470A	PPB	06 Dec 2024 11:45:04	U	SMPL
CRA - 1	CRA	731	0.1907	-	7470A	PPB	06 Dec 2024 11:47:21	U	SMPL
HighStd - 1	HighStd	33332	9.9613	-	7470A	PPB	06 Dec 2024 11:49:36	U	SMPL
ChkStd - 1	ChkStd	22782	6.7994	-	7470A	PPB	06 Dec 2024 11:51:52	U	SMPL
PB165437BL - 1	PBW	-36	-0.0392	-	7470A	PPB	06 Dec 2024 11:56:55	U	SMPL
PB165437BS - 1	LCSW	16026	4.7746	-	7470A	PPB	06 Dec 2024 11:59:10	U	SMPL
P4368-07 - 1	LOD-MDL-WATER-01-QT4-2024	302	0.0621	-	7470A	PPB	06 Dec 2024 12:12:11	U	SMPL
P4368-08 - 1	LOQ-WATER-02-QT4-2024	878	0.2347	-	7470A	PPB	06 Dec 2024 12:14:27	U	SMPL
P4813-07 - 1	419	1177	0.3243	-	7470A	PPB	06 Dec 2024 12:16:45	U	SMPL
P5074-02 - 1	COMP	1095	0.2998	-	7470A	PPB	06 Dec 2024 12:23:56	U	SMPL
P5074-02DUP - 1	COMPDUP	1040	0.2833	-	7470A	PPB	06 Dec 2024 12:26:11	U	SMPL
CCV96 - 1	CCV96	18126	5.4040	-	7470A	PPB	06 Dec 2024 12:36:13	U	SMPL
CCB96 - 1	CCB96	-60	-0.0464	-	7470A	PPB	06 Dec 2024 12:41:03	U	SMPL
P5074-02MS - 1	COMPMS	10140	3.0108	-	7470A	PPB	06 Dec 2024 12:43:18	U	SMPL
P5074-02MSD - 1	COMPMSD	10105	3.0001	-	7470A	PPB	06 Dec 2024 12:45:33	U	SMPL
P5093-01 - 1	LL-001	-368	-0.1387	-	7470A	PPB	06 Dec 2024 12:47:51	U	SMPL
P5093-02 - 1	LL-001-FB-12-4-24	-68	-0.0488	-	7470A	PPB	06 Dec 2024 12:50:10	U	SMPL
P5145-01 - 1	286085	843	0.2242	-	7470A	PPB	06 Dec 2024 12:52:26	U	SMPL
P5074-02LX5 - 1		-164	-0.0776	-	7470A	PPB	06 Dec 2024 12:54:42	U	SMPL
P5074-02A - 1		11492	3.4158	-	7470A	PPB	06 Dec 2024 12:57:01	U	SMPL
CCV97 - 1	CCV97	15238	4.5385	-	7470A	PPB	06 Dec 2024 12:59:17	U	SMPL
CCB97 - 1	CCB97	-127	-0.0665	-	7470A	PPB	06 Dec 2024 13:01:36	U	SMPL

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pipette ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

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

Start Digest Date: 12/09/2024 Time : 09:10 Temp : 96 °C

End Digest Date: 12/09/2024 Time : 12:20 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: 

Supervisor Signature: 

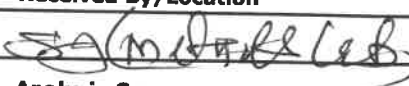
Temp : 1. 96°C 2. N/A

Standardized Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6000
LFS-2	0.25	M6009
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	M6126
1:1 HCL	5.00	MP83499
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
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
12/09/24 12:50	 met 10 direction	
	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
P5074-02	COMP	N/A	50	25	Colorless	Colorless	Clear	Clear	N/A	1
P5093-01	LL-001	N/A	50	25	Colorless	Colorless	Clear	Clear	N/A	2
P5093-02	LL-001-FB-12-4-24	N/A	50	25	Colorless	Colorless	Clear	Clear	N/A	3
P5093-02MS	LL-001-FB-12-4-24MS	N/A	50	25	Colorless	Colorless	Clear	Clear	M6000,M6009	5
P5093-02MSD	LL-001-FB-12-4-24MSD	N/A	50	25	Colorless	Colorless	Clear	Clear	M6000,M6009	6
P5093-02DUP	LL-001-FB-12-4-24DUP	N/A	50	25	Colorless	Colorless	Clear	Clear	N/A	4
P5141-01	WATER TREATMENT DISCHARGE	N/A	50	25	Colorless	Colorless	Clear	Clear	N/A	7
P5145-01	286085	N/A	50	25	Colorless	Colorless	Clear	Clear	N/A	8
PB165464BL	PBW464	N/A	50	25	Colorless	Colorless	Clear	Clear	N/A	9
PB165464BS	LCS464	N/A	50	25	Colorless	Colorless	Clear	Clear	M6000,M6009	10

WORKLIST(Hardcopy Internal Chain)

Worklist Name : PB165464

Worklist ID : 186114

Department : Digestion

Date : 12-09-2024 08:26:18

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5074-02	COMP	Water	Metals ICP-Group1	1:1 HNO3 to pH < 2	ARAM01	M11	12/04/2024	6010D
P5093-01	LL-001	Water	Metals ICP-TAL	1:1 HNO3 to pH < 2	RTHR01	L41	12/04/2024	6010D
P5093-02	LL-001-FB-12-4-24	Water	Metals ICP-TAL	1:1 HNO3 to pH < 2	RTHR01	L41	12/04/2024	6010D
P5141-01	WATER TREATMENT DISCHAF	Water	Metals Group5	1:1 HNO3 to pH < 2	VERI01	M11	12/05/2024	6010D
P5145-01	286085	Water	Metals PSEG Group2	1:1 HNO3 to pH < 2	PSEG03	L51	12/05/2024	6010D

Date/Time 12/09/24 8:50

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

12/09/24 7:50

CP 8m

ggf huet-dueg

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB133780

Review By	jaswal	Review On	12/6/2024 9:22:30 PM
Supervise By	mohan	Supervise On	12/6/2024 9:24:55 PM

STD. NAME	STD REF.#
ICAL Standard	MP83482,MP83484,MP83485,MP83486,MP83487,MP83488
ICV Standard	MP83489
CCV Standard	MP83491
ICSA Standard	
CRI Standard	MP83493
LCS Standard	
Chk Standard	MP83490,MP83492,MP83494,MP83496

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	12/06/24 11:18		Mohan	OK
2	S0.2	S0.2	CAL2	12/06/24 11:20		Mohan	OK
3	S2.5	S2.5	CAL3	12/06/24 11:23		Mohan	OK
4	S5	S5	CAL4	12/06/24 11:25		Mohan	OK
5	S7.5	S7.5	CAL5	12/06/24 11:30		Mohan	OK
6	S10	S10	CAL6	12/06/24 11:35		Mohan	OK
7	ICV11	ICV11	ICV	12/06/24 11:38		Mohan	OK
8	ICB11	ICB11	ICB	12/06/24 11:40		Mohan	OK
9	CCV95	CCV95	CCV	12/06/24 11:42		Mohan	OK
10	CCB95	CCB95	CCB	12/06/24 11:45		Mohan	OK
11	CRA	CRA	CRDL	12/06/24 11:47		Mohan	OK
12	HighStd	HighStd	HIGH STD	12/06/24 11:49		Mohan	OK
13	ChkStd	ChkStd	SAM	12/06/24 11:51		Mohan	OK
14	PB165437BL	PB165437BL	MB	12/06/24 11:56		Mohan	OK
15	PB165437BS	PB165437BS	LCS	12/06/24 11:59	for Non DOD Pass- 119 recovery	Mohan	OK
16	P4368-07	LOD-MDL-WATER-01	SAM	12/06/24 12:12		Mohan	OK
17	P4368-08	LOQ-WATER-02-QT4	LOQ	12/06/24 12:14	true Value = 0.2	Mohan	OK
18	P4813-07	419	SAM	12/06/24 12:16		Mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB133780

Review By	jaswal	Review On	12/6/2024 9:22:30 PM
Supervise By	mohan	Supervise On	12/6/2024 9:24:55 PM
STD. NAME	STD REF.#		
ICAL Standard	MP83482,MP83484,MP83485,MP83486,MP83487,MP83488		
ICV Standard	MP83489		
CCV Standard	MP83491		
ICSA Standard			
CRI Standard	MP83493		
LCS Standard			
Chk Standard	MP83490,MP83492,MP83494,MP83496		

19	P5074-02	COMP	SAM	12/06/24 12:23		Mohan	OK
20	P5074-02DUP	COMPDUP	DUP	12/06/24 12:26		Mohan	OK
21	CCV96	CCV96	CCV	12/06/24 12:36		Mohan	OK
22	CCB96	CCB96	CCB	12/06/24 12:41		Mohan	OK
23	P5074-02MS	COMPMS	MS	12/06/24 12:43		Mohan	OK
24	P5074-02MSD	COMPMSD	MSD	12/06/24 12:45		Mohan	OK
25	P5093-01	LL-001	SAM	12/06/24 12:47		Mohan	OK
26	P5093-02	LL-001-FB-12-4-24	SAM	12/06/24 12:50		Mohan	OK
27	P5145-01	286085	SAM	12/06/24 12:52		Mohan	OK
28	P5074-02L	COMPL	SD	12/06/24 12:54		Mohan	OK
29	P5074-02A	COMPA	PS	12/06/24 12:57		Mohan	OK
30	CCV97	CCV97	CCV	12/06/24 12:59		Mohan	OK
31	CCB97	CCB97	CCB	12/06/24 13:01		Mohan	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB133866

Review By	mohan	Review On	12/13/2024 3:24:42 AM
Supervise By	jaswal	Supervise On	12/13/2024 3:25:04 AM
STD. NAME	STD REF.#		
ICAL Standard	MP83552,MP83553,MP83554,MP83555,MP83556,MP83558		
ICV Standard	MP83559		
CCV Standard	MP83562		
ICSA Standard	MP83560,MP83561		
CRI Standard	MP83558		
LCS Standard			
Chk Standard	MP83565,MP83566		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	12/10/24 10:38		Kareem	OK
2	S1	S1	CAL2	12/10/24 10:43		Kareem	OK
3	S2	S2	CAL3	12/10/24 10:47		Kareem	OK
4	S3	S3	CAL4	12/10/24 10:51		Kareem	OK
5	S4	S4	CAL5	12/10/24 10:56		Kareem	OK
6	S5	S5	CAL6	12/10/24 11:00		Kareem	OK
7	ICV01	ICV01	ICV	12/10/24 11:04		Kareem	OK
8	LLICV01	LLICV01	LLICV	12/10/24 11:08		Kareem	OK
9	ICB01	ICB01	ICB	12/10/24 11:20		Kareem	OK
10	CRI01	CRI01	CRDL	12/10/24 11:24		Kareem	OK
11	ICSA01	ICSA01	ICSA	12/10/24 11:36		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	12/10/24 11:40		Kareem	OK
13	CCV01	CCV01	CCV	12/10/24 11:44		Kareem	OK
14	CCB01	CCB01	CCB	12/10/24 11:48		Kareem	OK
15	PB165463BL	PB165463BL	MB	12/10/24 11:53		Kareem	OK
16	PB165463BS	PB165463BS	LCS	12/10/24 11:57	0.1ml of m6001 and m6010 were added to 10ml of the sample	Kareem	OK
17	PB165464BL	PB165464BL	MB	12/10/24 12:01		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB133866

Review By	mohan	Review On	12/13/2024 3:24:42 AM
Supervise By	jaswal	Supervise On	12/13/2024 3:25:04 AM

STD. NAME	STD REF.#
ICAL Standard	MP83552,MP83553,MP83554,MP83555,MP83556,MP83558
ICV Standard	MP83559
CCV Standard	MP83562
ICSA Standard	MP83560,MP83561
CRI Standard	MP83558
LCS Standard	
Chk Standard	MP83565,MP83566

18	PB165464BS	PB165464BS	LCS	12/10/24 12:06	0.1ml of m6001 and m6010 were added to 10ml of the sample	Kareem	OK
19	P5145-01	286085	SAM	12/10/24 12:10		Kareem	OK
20	P5074-02	COMP	SAM	12/10/24 12:14		Kareem	OK
21	P5093-01	LL-001	SAM	12/10/24 12:18		Kareem	OK
22	P5093-02	LL-001-FB-12-4-24	SAM	12/10/24 12:22		Kareem	OK
23	P5093-02DUP	LL-001-FB-12-4-24DUP	DUP	12/10/24 12:27		Kareem	OK
24	P5093-02L	LL-001-FB-12-4-24L	SD	12/10/24 12:31		Kareem	OK
25	CCV02	CCV02	CCV	12/10/24 12:35		Kareem	OK
26	CCB02	CCB02	CCB	12/10/24 12:39		Kareem	OK
27	P5093-02MS	LL-001-FB-12-4-24MS	MS	12/10/24 12:44	0.1ml of m6001 and m6010 were added to 10ml of the sample	Kareem	OK
28	P5093-02MSD	LL-001-FB-12-4-24MSD	MSD	12/10/24 12:48	0.1ml of m6001 and m6010 were added to 10ml of the sample	Kareem	OK
29	P5093-02A	LL-001-FB-12-4-24A	PS	12/10/24 12:53	0.1ml of m6001 and m6010 were added to 10ml of the sample	Kareem	OK
30	P5141-01	WATER TREATMENT	SAM	12/10/24 12:57		Kareem	OK
31	P5174-01	ROLL-OFF-COMP	SAM	12/10/24 13:01		Kareem	OK
32	P5175-01	OK-01-12062024	SAM	12/10/24 13:05		Kareem	OK
33	P5176-01	EO-02-12062024	SAM	12/10/24 13:09		Kareem	OK
34	P5176-03	EO-03-12062024	SAM	12/10/24 13:13		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB133866

Review By	mohan	Review On	12/13/2024 3:24:42 AM
Supervise By	jaswal	Supervise On	12/13/2024 3:25:04 AM

STD. NAME	STD REF.#
ICAL Standard	MP83552,MP83553,MP83554,MP83555,MP83556,MP83558
ICV Standard	MP83559
CCV Standard	MP83562
ICSA Standard	MP83560,MP83561
CRI Standard	MP83558
LCS Standard	
Chk Standard	MP83565,MP83566

35	P5196-01	MH-761	SAM	12/10/24 13:18		Kareem	OK
36	P5196-01DUP	MH-761DUP	DUP	12/10/24 13:22		Kareem	OK
37	CCV03	CCV03	CCV	12/10/24 13:26		Kareem	OK
38	CCB03	CCB03	CCB	12/10/24 13:30		Kareem	OK
39	P5196-01L	MH-761L	SD	12/10/24 13:34		Kareem	OK
40	P5196-01MS	MH-761MS	MS	12/10/24 13:39	0.1ml of m6001 and m6010 were added to 10ml of the sample	Kareem	OK
41	P5196-01MSD	MH-761MSD	MSD	12/10/24 13:43	0.1ml of m6001 and m6010 were added to 10ml of the sample	Kareem	OK
42	P5196-01A	MH-761A	PS	12/10/24 13:47	0.1ml of m6001 and m6010 were added to 10ml of the sample	Kareem	OK
43	LR1	LR1	HIGH STD	12/10/24 13:52		Kareem	OK
44	LR2	LR2	HIGH STD	12/10/24 13:57		Kareem	OK
45	CCV04	CCV04	CCV	12/10/24 14:19		Kareem	OK
46	CCB04	CCB04	CCB	12/10/24 14:24		Kareem	OK



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. **P5074**
QUOTE NO.
COC Number **2041884**

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: **Asamar K Uniforms**
ADDRESS: **740 Frelinghuysen Ave**
CITY: **Newark** STATE: **NJ** ZIP: **07114**
ATTENTION: **Jarrod Mills**
PHONE: **973-824-1101** FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: **Monthly**
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

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

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS 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 _____

TPH
DOBS
TSS
Trace Metals
Heavy Metals
1 2 3 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.	Grab Comp	W			12-4-24	0920	1	✓										
2.		W	✓		12-4-24	0924	3	✓	✓	✓								
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: 1.	DATE/TIME: 12-4-24 0938	RECEIVED BY: 1.	0938	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.50 °C
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: 2.	12-4-24	Comments:
RELINQUISHED BY SAMPLER: 3.	DATE/TIME: 12-4-24 1730	RECEIVED BY: 3.		

Page ____ of ____

CLIENT: ☐ Hand Delivered ☐ Other _____
CHEMTECH: ☐ Picked Up ☐ Field Sampling

Shipment Complete
☐ YES ☐ NO



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

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488