



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

Cover Page

Order ID : P4763

Project ID : Rotor Clip - PO# 5183.0001

Client : VERINA CONSULTING GROUP, LLC

Lab Sample Number

P4763-01

Client Sample Number

Water Treatment Discharge

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: 11/18/2024

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 #: P4763

Completed

For thorough review, the report must have the following:

GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

COVER PAGE:

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

✓

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

✓

CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: KETAN PATEL

Date: 11/18/2024



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LAB CHRONICLE

OrderID:	P4763	OrderDate:	11/7/2024 12:44:00 PM
Client:	VERINA CONSULTING GROUP, LLC	Project:	Rotor Clip - PO# 5183.0001
Contact:	Michael Valenzi	Location:	L11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4763-01	Water Treatment Discharge	Water	Metals Group4	6010D	11/07/24	11/08/24	11/11/24	11/07/24



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Hit Summary Sheet
SW-846

SDG No.: P4763

Order ID: P4763

Client: VERINA CONSULTING GROUP, LLC

Project ID: Rotor Clip - PO# 5183.0001

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : Water Treatment Discharge								
P4763-01	Water Treatment Discharge	Water	Chromium	47.6		0.66	5.00	ug/L
P4763-01	Water Treatment Discharge	Water	Copper	14.7		7.07	10.0	ug/L
P4763-01	Water Treatment Discharge	Water	Nickel	18.4	J	0.85	20.0	ug/L
P4763-01	Water Treatment Discharge	Water	Zinc	88.2		1.75	20.0	ug/L



SAMPLE DATA

Report of Analysis

Client:	VERINA CONSULTING GROUP, LLC	Date Collected:	11/07/24
Project:	Rotor Clip - PO# 5183.0001	Date Received:	11/07/24
Client Sample ID:	Water Treatment Discharge	SDG No.:	P4763
Lab Sample ID:	P4763-01	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-47-3	Chromium	47.6		1	0.66	5.00	ug/L	11/08/24 12:30	11/11/24 16:30	SW6010	SW3010
7440-50-8	Copper	14.7		1	7.07	10.0	ug/L	11/08/24 12:30	11/11/24 16:30	SW6010	SW3010
7440-02-0	Nickel	18.4	J	1	0.85	20.0	ug/L	11/08/24 12:30	11/11/24 16:30	SW6010	SW3010
7440-66-6	Zinc	88.2	N	1	1.75	20.0	ug/L	11/08/24 12:30	11/11/24 16:30	SW6010	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group4			

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: VERINA CONSULTING GROUP, LLC **SDG No.:** P4763
Contract: VERI01 **Lab Code:** CHEM **Case No.:** P4763 **SAS No.:** P4763
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	Chromium	526	520	101	90 - 110	P	11/11/2024	14:25	LB133395
	Copper	534	510	105	90 - 110	P	11/11/2024	14:25	LB133395
	Nickel	520	530	98	90 - 110	P	11/11/2024	14:25	LB133395
	Zinc	1060	1000	106	90 - 110	P	11/11/2024	14:25	LB133395

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** P4763
Contract: VERI01 **Lab Code:** CHEM **Case No.:** P4763 **SAS No.:** P4763
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	Chromium	8.58	10.0	86	80 - 120	P	11/11/2024	14:47	LB133395
	Copper	21.4	20.0	107	80 - 120	P	11/11/2024	14:47	LB133395
	Nickel	36.1	40.0	90	80 - 120	P	11/11/2024	14:47	LB133395
	Zinc	42.1	40.0	105	80 - 120	P	11/11/2024	14:47	LB133395

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** P4763
Contract: VERI01 **Lab Code:** CHEM **Case No.:** P4763 **SAS No.:** P4763
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	Chromium	953	1000	95	90 - 110	P	11/11/2024	15:14	LB133395
	Copper	1250	1250	100	90 - 110	P	11/11/2024	15:14	LB133395
	Nickel	2410	2500	96	90 - 110	P	11/11/2024	15:14	LB133395
	Zinc	2530	2500	101	90 - 110	P	11/11/2024	15:14	LB133395
CCV02	Chromium	931	1000	93	90 - 110	P	11/11/2024	15:37	LB133395
	Copper	1210	1250	97	90 - 110	P	11/11/2024	15:37	LB133395
	Nickel	2340	2500	94	90 - 110	P	11/11/2024	15:37	LB133395
	Zinc	2480	2500	99	90 - 110	P	11/11/2024	15:37	LB133395
CCV03	Chromium	938	1000	94	90 - 110	P	11/11/2024	16:39	LB133395
	Copper	1230	1250	98	90 - 110	P	11/11/2024	16:39	LB133395
	Nickel	2370	2500	95	90 - 110	P	11/11/2024	16:39	LB133395
	Zinc	2490	2500	100	90 - 110	P	11/11/2024	16:39	LB133395
CCV04	Chromium	948	1000	95	90 - 110	P	11/11/2024	17:38	LB133395
	Copper	1280	1250	102	90 - 110	P	11/11/2024	17:38	LB133395
	Nickel	2440	2500	98	90 - 110	P	11/11/2024	17:38	LB133395
	Zinc	2510	2500	101	90 - 110	P	11/11/2024	17:38	LB133395



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Metals

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CRDL STANDARD FOR AA & ICP

Client: VERINA CONSULTING GROUP, LLC

SDG No.: P4763

Contract: VERI01

Lab Code: CHEM

Case No.: P4763

SAS No.: P4763

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Chromium	8.50	10.0	85	40 - 160	P	11/11/2024	14:59	LB133395
	Copper	20.7	20.0	104	40 - 160	P	11/11/2024	14:59	LB133395
	Nickel	36.2	40.0	90	40 - 160	P	11/11/2024	14:59	LB133395
	Zinc	41.1	40.0	103	40 - 160	P	11/11/2024	14:59	LB133395



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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: VERINA CONSULTING GROUP, LLC

SDG No.: P4763

Contract: VERI01

Lab Code: CHEM

Case No.: P4763

SAS No.: P4763

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Chromium	10.0	+/-10.0	U	10.0	P	11/11/2024	14:52	LB133395
	Copper	20.0	+/-20.0	U	20.0	P	11/11/2024	14:52	LB133395
	Nickel	40.0	+/-40.0	U	40.0	P	11/11/2024	14:52	LB133395
	Zinc	40.0	+/-40.0	U	40.0	P	11/11/2024	14:52	LB133395

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: VERINA CONSULTING GROUP, LLC		SDG No.: P4763							
Contract: VERI01	Lab Code: CHEM	Case No.: P4763	SAS No.: P4763						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Chromium	10.0	+/-10.0	U	10.0	P	11/11/2024	15:23	LB133395
	Copper	20.0	+/-20.0	U	20.0	P	11/11/2024	15:23	LB133395
	Nickel	40.0	+/-40.0	U	40.0	P	11/11/2024	15:23	LB133395
	Zinc	40.0	+/-40.0	U	40.0	P	11/11/2024	15:23	LB133395
CCB02	Chromium	10.0	+/-10.0	U	10.0	P	11/11/2024	15:42	LB133395
	Copper	20.0	+/-20.0	U	20.0	P	11/11/2024	15:42	LB133395
	Nickel	40.0	+/-40.0	U	40.0	P	11/11/2024	15:42	LB133395
	Zinc	40.0	+/-40.0	U	40.0	P	11/11/2024	15:42	LB133395
CCB03	Chromium	10.0	+/-10.0	U	10.0	P	11/11/2024	16:43	LB133395
	Copper	20.0	+/-20.0	U	20.0	P	11/11/2024	16:43	LB133395
	Nickel	40.0	+/-40.0	U	40.0	P	11/11/2024	16:43	LB133395
	Zinc	40.0	+/-40.0	U	40.0	P	11/11/2024	16:43	LB133395
CCB04	Chromium	10.0	+/-10.0	U	10.0	P	11/11/2024	17:43	LB133395
	Copper	20.0	+/-20.0	U	20.0	P	11/11/2024	17:43	LB133395
	Nickel	40.0	+/-40.0	U	40.0	P	11/11/2024	17:43	LB133395
	Zinc	40.0	+/-40.0	U	40.0	P	11/11/2024	17:43	LB133395

Metals
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PREPARATION BLANK SUMMARY

Client: VERINA CONSULTING GROUP, LLC

SDG No.: P4763

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB164796BL	WATER			Batch Number:	PB164796		Prep Date:	11/08/2024	
	Chromium	5.00	<5.00	U	5.00	P	11/11/2024	17:16	LB133395
	Copper	10.0	<10.0	U	10.0	P	11/11/2024	17:16	LB133395
	Nickel	20.0	<20.0	U	20.0	P	11/11/2024	17:16	LB133395
	Zinc	20.0	<20.0	U	20.0	P	11/11/2024	17:16	LB133395

Metals

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INTERFERENCE CHECK SAMPLE

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** P4763
Contract: VERI01 **Lab Code:** CHEM **Case No.:** P4763 **SAS No.:** P4763
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	Chromium	52.2	52.0	100	42	62	11/11/2024	15:04	LB133395
	Copper	15.3	2.0	765	-18	22	11/11/2024	15:04	LB133395
	Nickel	2.14	2.0	107	-38	42	11/11/2024	15:04	LB133395
	Zinc	-1.46			-40	40	11/11/2024	15:04	LB133395
ICSAB01	Chromium	541	542	100	460	624	11/11/2024	15:08	LB133395
	Copper	503	511	98	434	588	11/11/2024	15:08	LB133395
	Nickel	988	954	104	810	1100	11/11/2024	15:08	LB133395
	Zinc	834	952	88	809	1095	11/11/2024	15:08	LB133395



METAL

QC

DATA

metals
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MATRIX SPIKE SUMMARY

client: VERINA CONSULTING GROUP, LLC **level:** low **sdg no.:** P4763
contract: VERI01 **lab code:** CHEM **case no.:** P4763 **sas no.:** P4763
matrix: Water **sample id:** P4763-01 **client id:** Water Treatment DischargeMS
Percent Solids for Sample: NA **Spiked ID:** P4763-01MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Chromium	ug/L	75 - 125	228		47.6		200	90		P
Copper	ug/L	75 - 125	152		14.7		150	91		P
Nickel	ug/L	75 - 125	265		18.4	J	250	99		P
Zinc	ug/L	75 - 125	208		88.2		100	120		P

metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: VERINA CONSULTING GROUP, LLC **level:** low **sdg no.:** P4763
contract: VERI01 **lab code:** CHEM **case no.:** P4763 **sas no.:** P4763
matrix: Water **sample id:** P4763-01 **client id:** Water Treatment DischargeMSD
Percent Solids for Sample: NA **Spiked ID:** P4763-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Chromium	ug/L	75 - 125	230		47.6		200	91		P
Copper	ug/L	75 - 125	154		14.7		150	93		P
Nickel	ug/L	75 - 125	268		18.4	J	250	100		P
Zinc	ug/L	75 - 125	216		88.2		100	128	N	P

Metals
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POST DIGEST SPIKE SUMMARY

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** P4763
Contract: VERI01 **Lab Code:** CHEM **Case No.:** P4763 **SAS No.:** P4763
Matrix: Water **Level:** LOW **Client ID:** Water Treatment DischargeA
Sample ID: P4763-01 **Spiked ID:** P4763-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Zinc	ug/L	75 - 125	214		88.2		100	126		P

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: VERINA CONSULTING GROUP, LLC **Level:** LOW **SDG No.:** P4763
Contract: VERI01 **Lab Code:** CHEM **Case No.:** P4763 **SAS No.:** P4763
Matrix: Water **Sample ID:** P4763-01 **Client ID:** Water Treatment DischargeDUP
Percent Solids for Sample: NA **Duplicate ID** P4763-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Chromium	ug/L	20	47.6		50.1		5		P
Copper	ug/L	20	14.7		15.6		6		P
Nickel	ug/L	20	18.4	J	19.6	J	6		P
Zinc	ug/L	20	88.2		95.3		8		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: VERINA CONSULTING GROUP, LLC **Level:** LOW **SDG No.:** P4763
Contract: VERI01 **Lab Code:** CHEM **Case No.:** P4763 **SAS No.:** P4763
Matrix: Water **Sample ID:** P4763-01MS **Client ID:** Water Treatment DischargeMSD
Percent Solids for Sample: NA **Duplicate ID** P4763-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Chromium	ug/L	20	228		230		1		P
Copper	ug/L	20	152		154		1		P
Nickel	ug/L	20	265		268		1		P
Zinc	ug/L	20	208		216		4		P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: VERINA CONSULTING GROUP, LLC

SDG No.: P4763

Contract: VERI01

Lab Code: CHEM

Case No.: P4763

SAS No.: P4763

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB164796BS							
Chromium	ug/L	200	197		98	80 - 120	P
Copper	ug/L	150	158		105	80 - 120	P
Nickel	ug/L	250	246		98	80 - 120	P
Zinc	ug/L	100	107		107	80 - 120	P

Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

Water Treatment DischargeL

Lab Name: Chemtech Consulting Group

Contract: VERI01

Lab Code: CHEM **Lb No.:** lb133395 **Lab Sample ID :** P4763-01L **SDG No.:** P4763

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					
Chromium	47.6		49.2		3			P
Copper	14.7		50.0	U	100.0			P
Nickel	18.4	J	19.1	J	4			P
Zinc	88.2		89.5	J	1			P



METAL PREPARATION & INSTRUMENT DATA



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Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: VERINA CONSULTING GROUP, LLC

SDG No.: P4763

Contract: VERI01

Lab Code: CHEM

Case No.: P4763

SAS No.: P4763

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
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
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



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Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: VERINA CONSULTING GROUP, LLC

SDG No.: P4763

Contract: VERI01

Lab Code: CHEM

Case No.: P4763

SAS No.: P4763

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		As	Ba	Be	Cd	Co
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
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



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Metals

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ICP INTERELEMEN CORRECTION FACTORS

Client: VERINA CONSULTING GROUP, LLC

SDG No.: P4763

Contract: VERI01

Lab Code: CHEM

Case No.: P4763

SAS No.: P4763

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		Cr	Cu	K	Mn	Mo
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
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

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ICP INTERELEMEN CORRECTION FACTORS

Client: VERINA CONSULTING GROUP, LLC

SDG No.: P4763

Contract: VERI01

Lab Code: CHEM

Case No.: P4763

SAS No.: P4763

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
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
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



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Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: VERINA CONSULTING GROUP, LLC

SDG No.: P4763

Contract: VERI01

Lab Code: CHEM

Case No.: P4763

SAS No.: P4763

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		Sn	Ti	Tl	V	Zn
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
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 & ANALYTICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client: VERINA CONSULTING GROUP, LLC

SDG No.: P4763

Contract: VERI01

Lab Code: CHEM

Method: _____

Case No.: P4763 **SAS No.:** P4763

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB164796							
P4763-01	Water Treatment Discharge	SAM	WATER	11/08/2024	50.0	25.0	
P4763-01DUP	Water Treatment DischargeDUP	DUP	WATER	11/08/2024	50.0	25.0	
P4763-01MS	Water Treatment DischargeMS	MS	WATER	11/08/2024	50.0	25.0	
P4763-01MSD	Water Treatment DischargeMSD	MSD	WATER	11/08/2024	50.0	25.0	
PB164796BL	PB164796BL	MB	WATER	11/08/2024	50.0	25.0	
PB164796BS	PB164796BS	LCS	WATER	11/08/2024	50.0	25.0	

metals
- 14 -
ANALYSIS RUN LOG

Client: VERINA CONSULTING GROUP, LLC

Contract: VERI01

Lab code: CHEM

Case no.: P4763

Sas no.: P4763

Sdg no.: P4763

Instrument id number:

Method:

Run number: LB133395

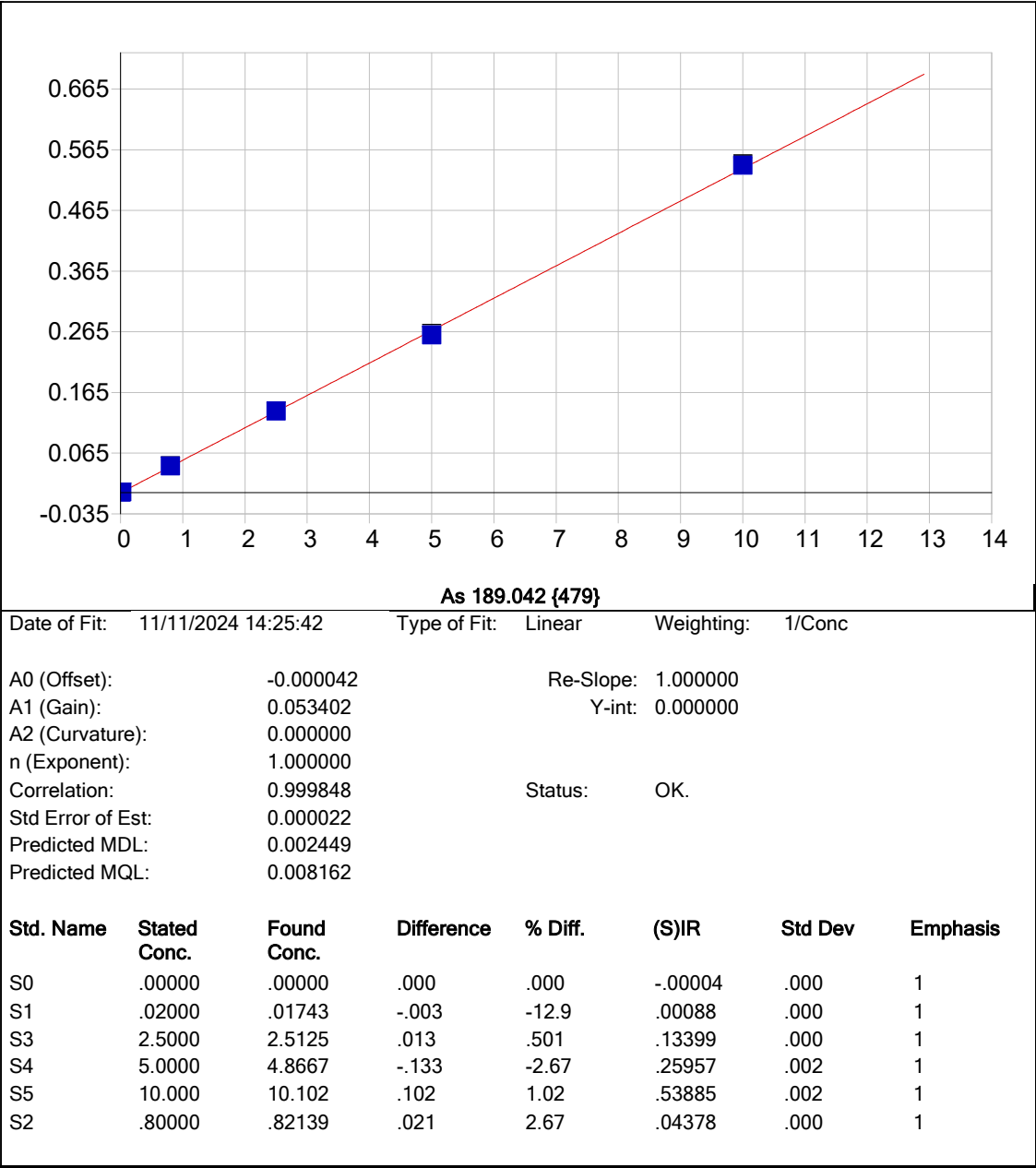
Start date: 11/11/2024

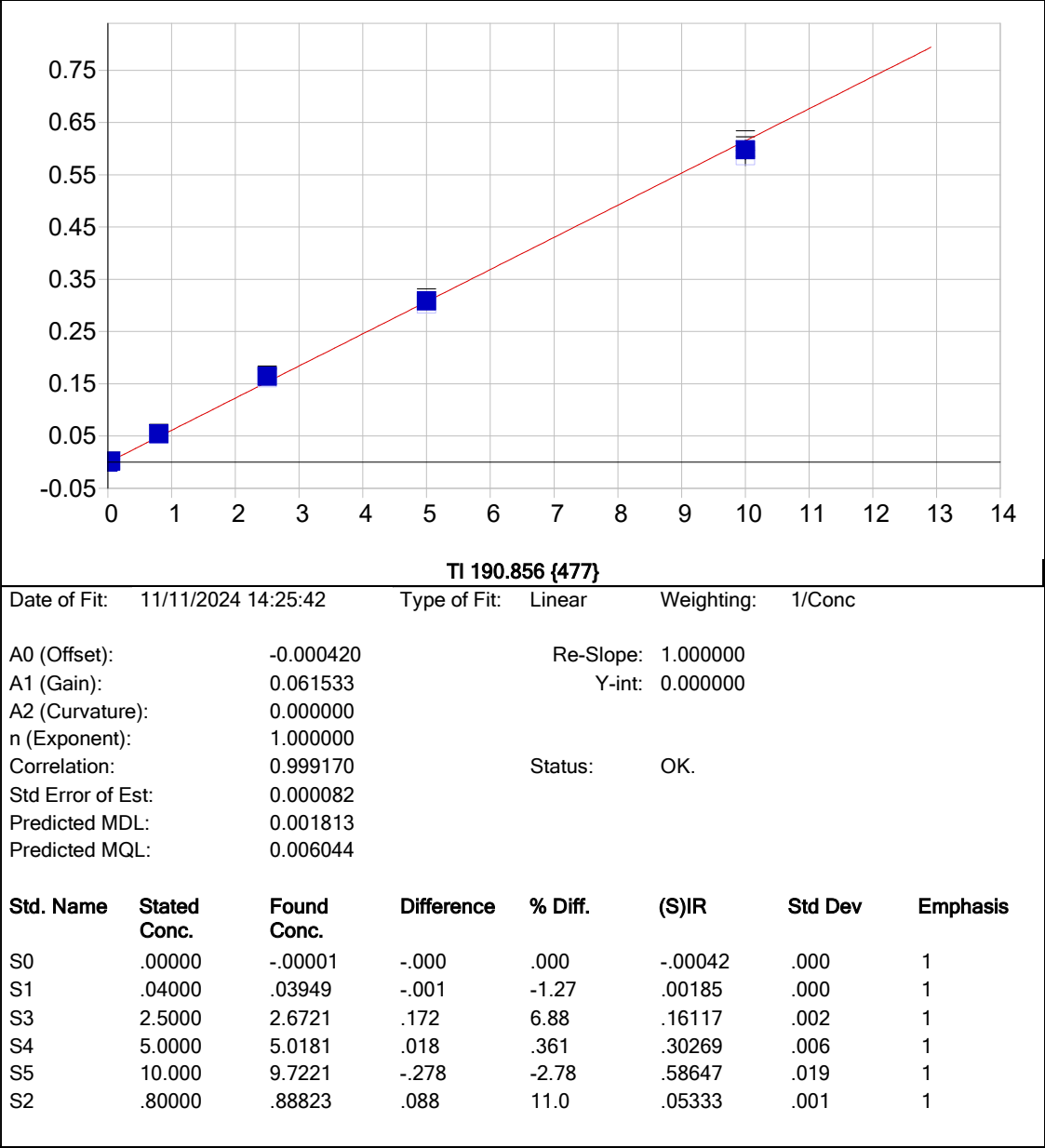
End date: 11/11/2024

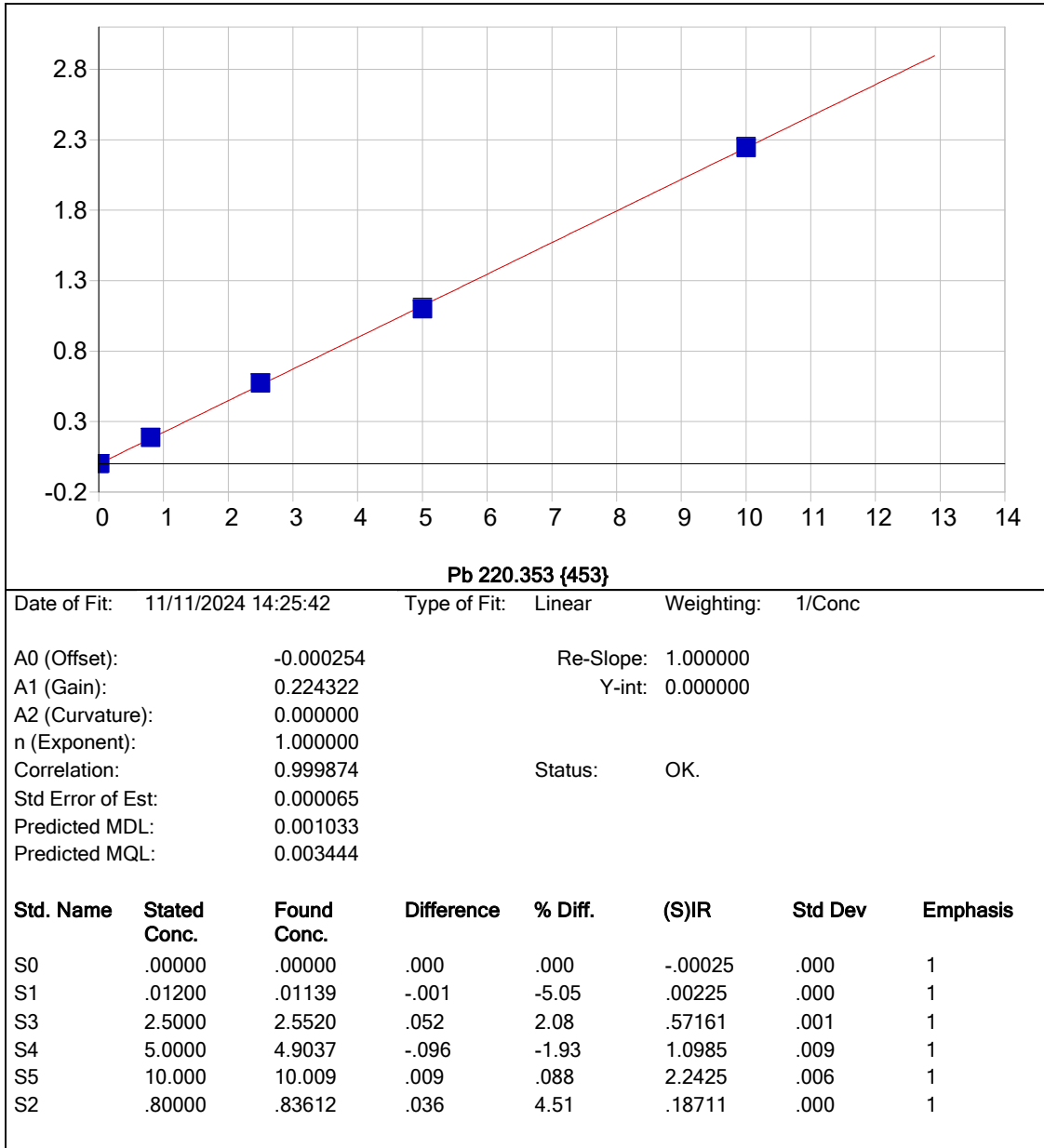
Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1359	Cr,Cu,Ni,Zn
S1	S1	1	1404	Cr,Cu,Ni,Zn
S2	S2	1	1408	Cr,Cu,Ni,Zn
S3	S3	1	1412	Cr,Cu,Ni,Zn
S4	S4	1	1417	Cr,Cu,Ni,Zn
S5	S5	1	1421	Cr,Cu,Ni,Zn
ICV01	ICV01	1	1425	Cr,Cu,Ni,Zn
LLICV01	LLICV01	1	1447	Cr,Cu,Ni,Zn
ICB01	ICB01	1	1452	Cr,Cu,Ni,Zn
CRI01	CRI01	1	1459	Cr,Cu,Ni,Zn
ICSA01	ICSA01	1	1504	Cr,Cu,Ni,Zn
ICSAB01	ICSAB01	1	1508	Cr,Cu,Ni,Zn
CCV01	CCV01	1	1514	Cr,Cu,Ni,Zn
CCB01	CCB01	1	1523	Cr,Cu,Ni,Zn
CCV02	CCV02	1	1537	Cr,Cu,Ni,Zn
CCB02	CCB02	1	1542	Cr,Cu,Ni,Zn
P4763-01	Water Treatment Discharge	1	1630	Cr,Cu,Ni,Zn
CCV03	CCV03	1	1639	Cr,Cu,Ni,Zn
CCB03	CCB03	1	1643	Cr,Cu,Ni,Zn
P4763-01DUP	Water Treatment DischargeDUP	1	1655	Cr,Cu,Ni,Zn
P4763-01L	Water Treatment DischargeL	5	1659	Cr,Cu,Ni,Zn
P4763-01MS	Water Treatment DischargeMS	1	1704	Cr,Cu,Ni,Zn
P4763-01MSD	Water Treatment DischargeMSD	1	1708	Cr,Cu,Ni,Zn
P4763-01A	Water Treatment DischargeA	1	1712	Zn
PB164796BL	PB164796BL	1	1716	Cr,Cu,Ni,Zn
PB164796BS	PB164796BS	1	1720	Cr,Cu,Ni,Zn
CCV04	CCV04	1	1738	Cr,Cu,Ni,Zn
CCB04	CCB04	1	1743	Cr,Cu,Ni,Zn



METAL RAW DATA

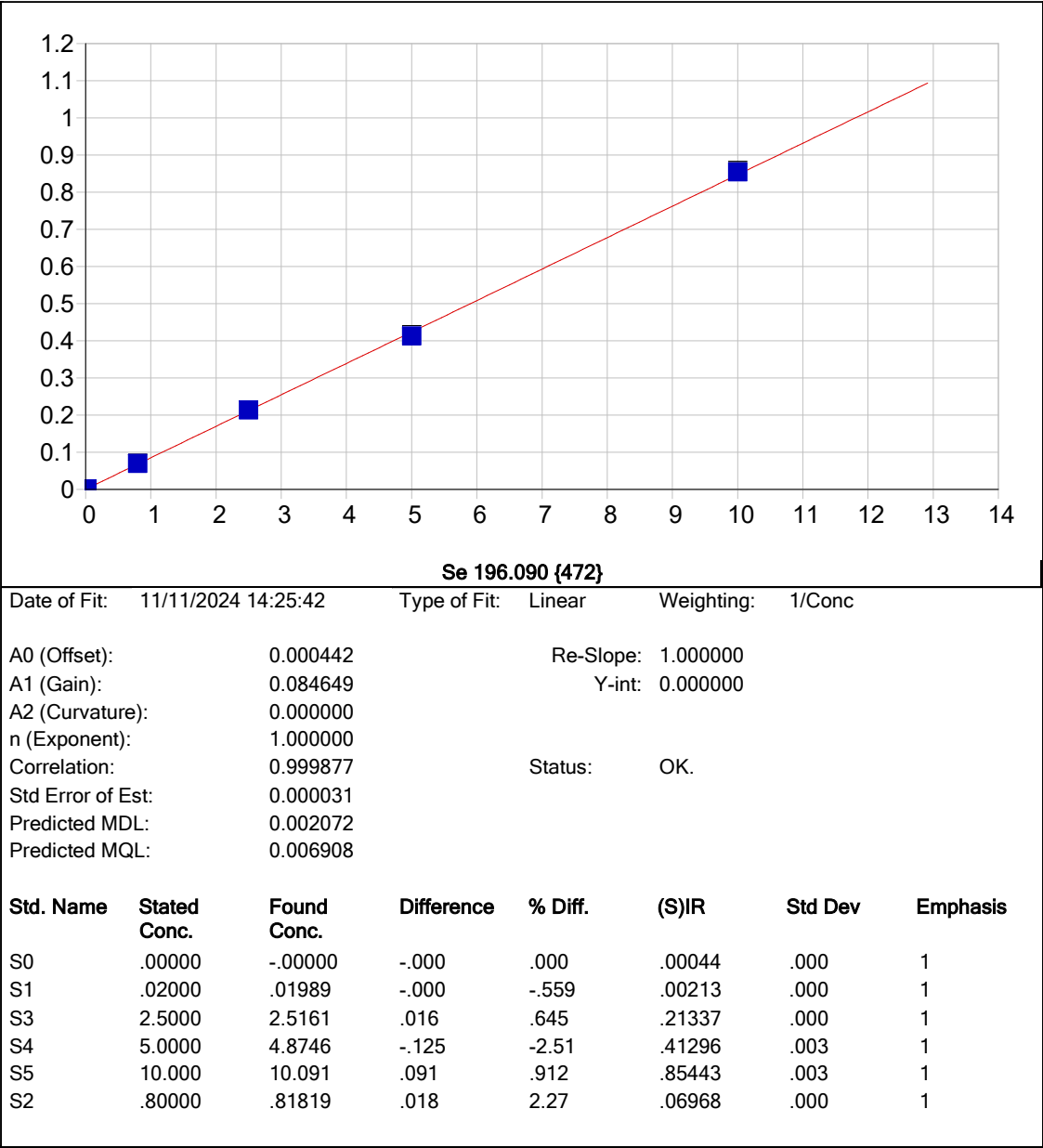


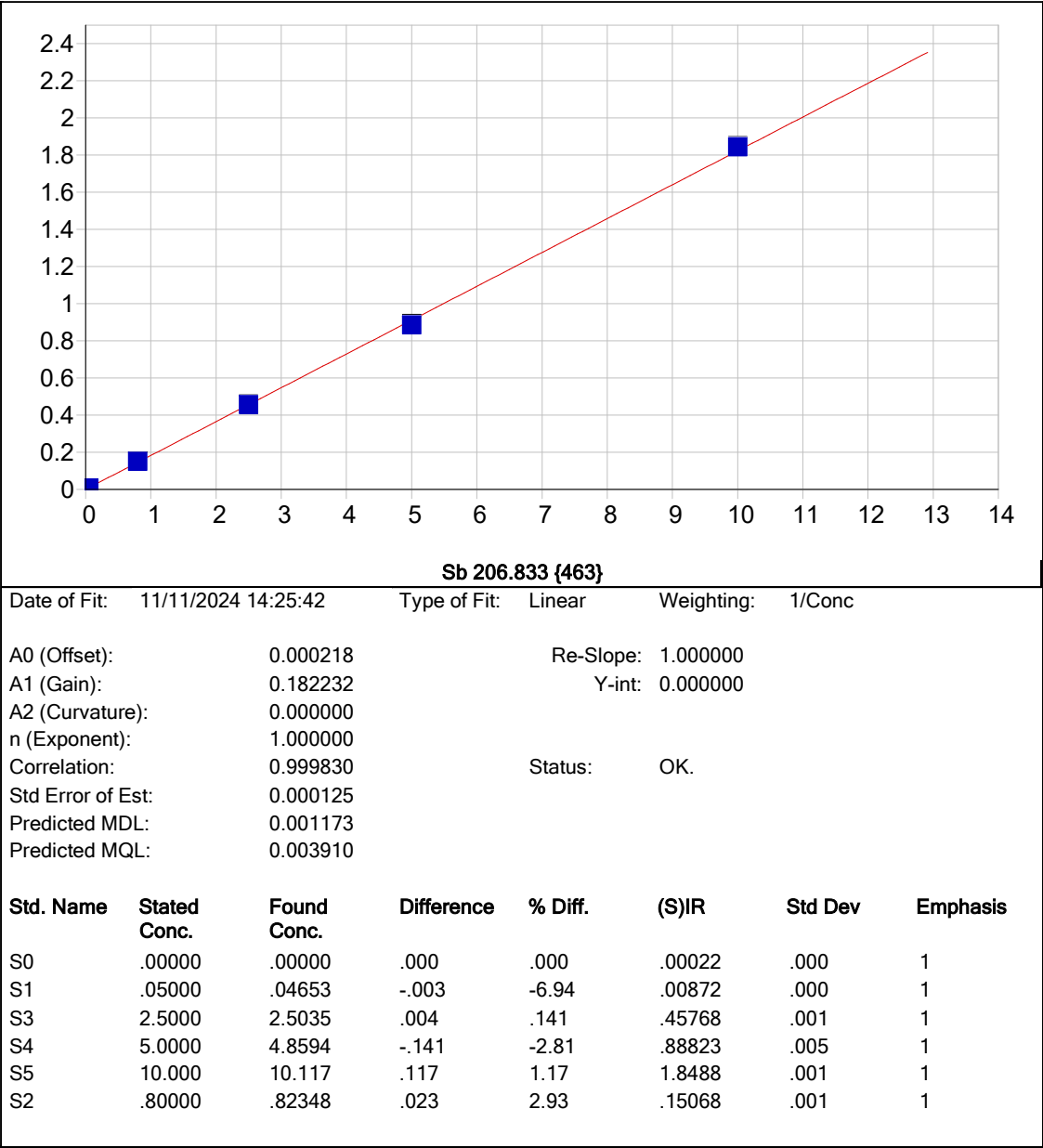


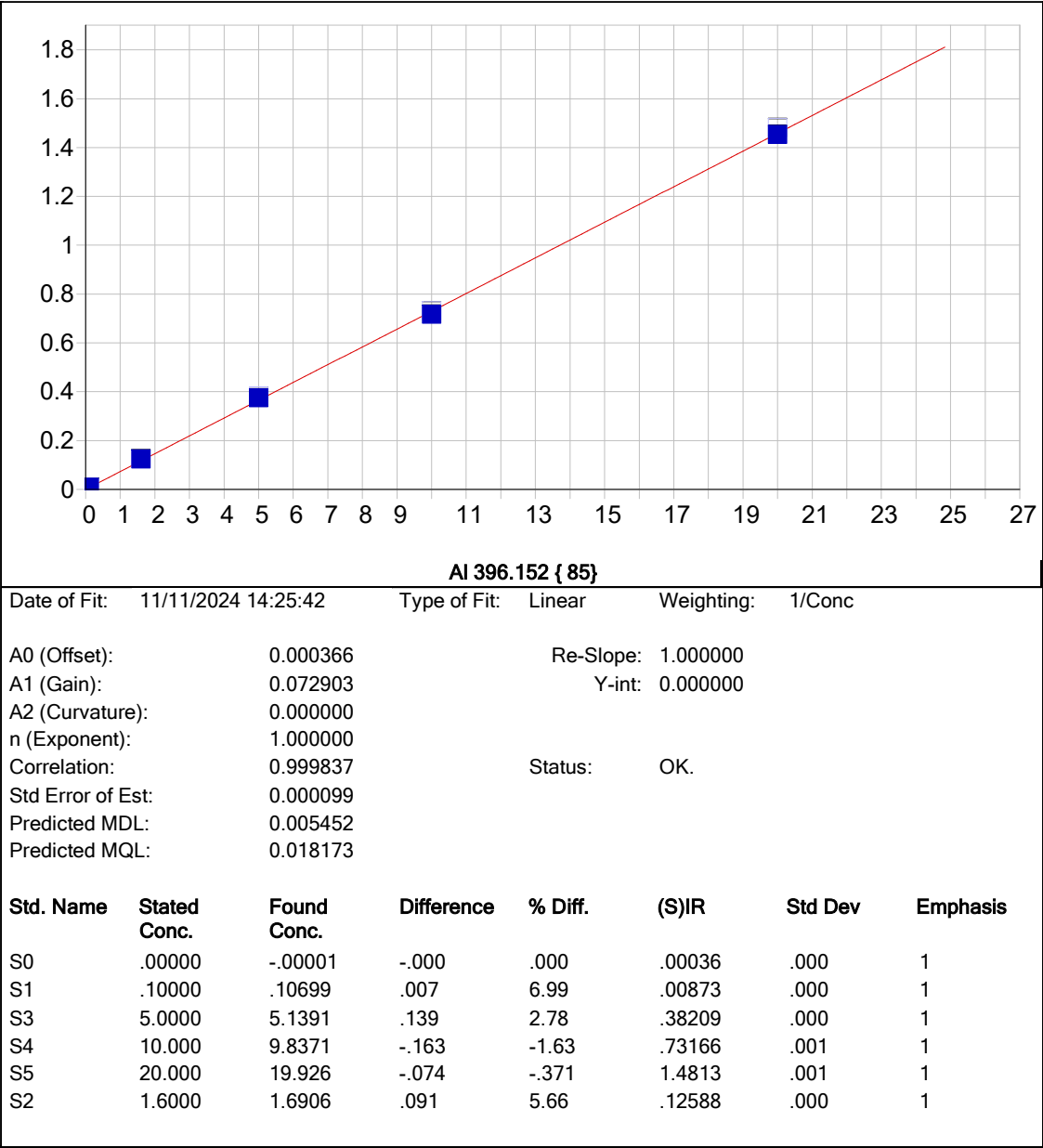


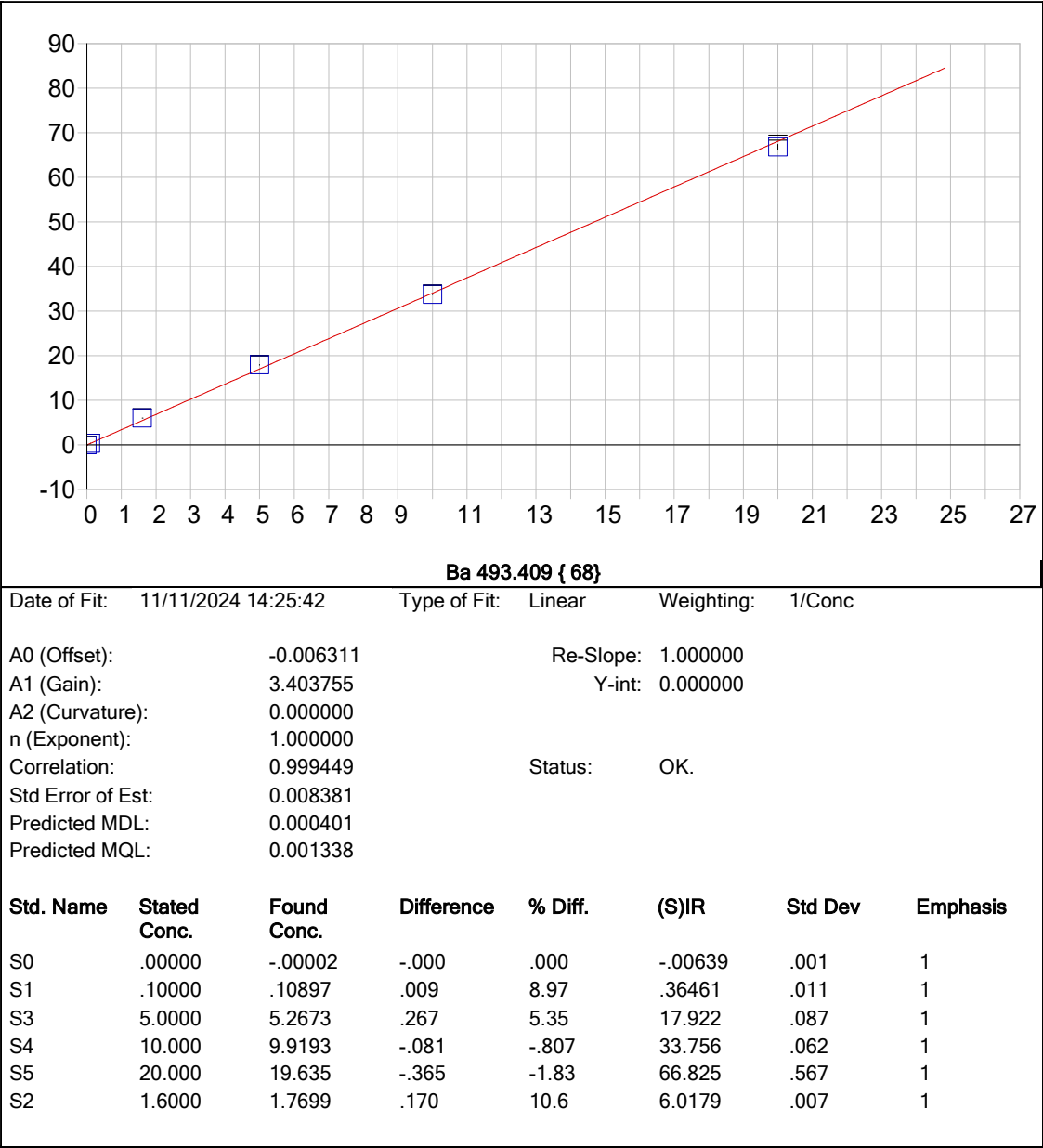
Date of Fit: 11/11/2024 14:25:42 Type of Fit: Linear Weighting: 1/Conc

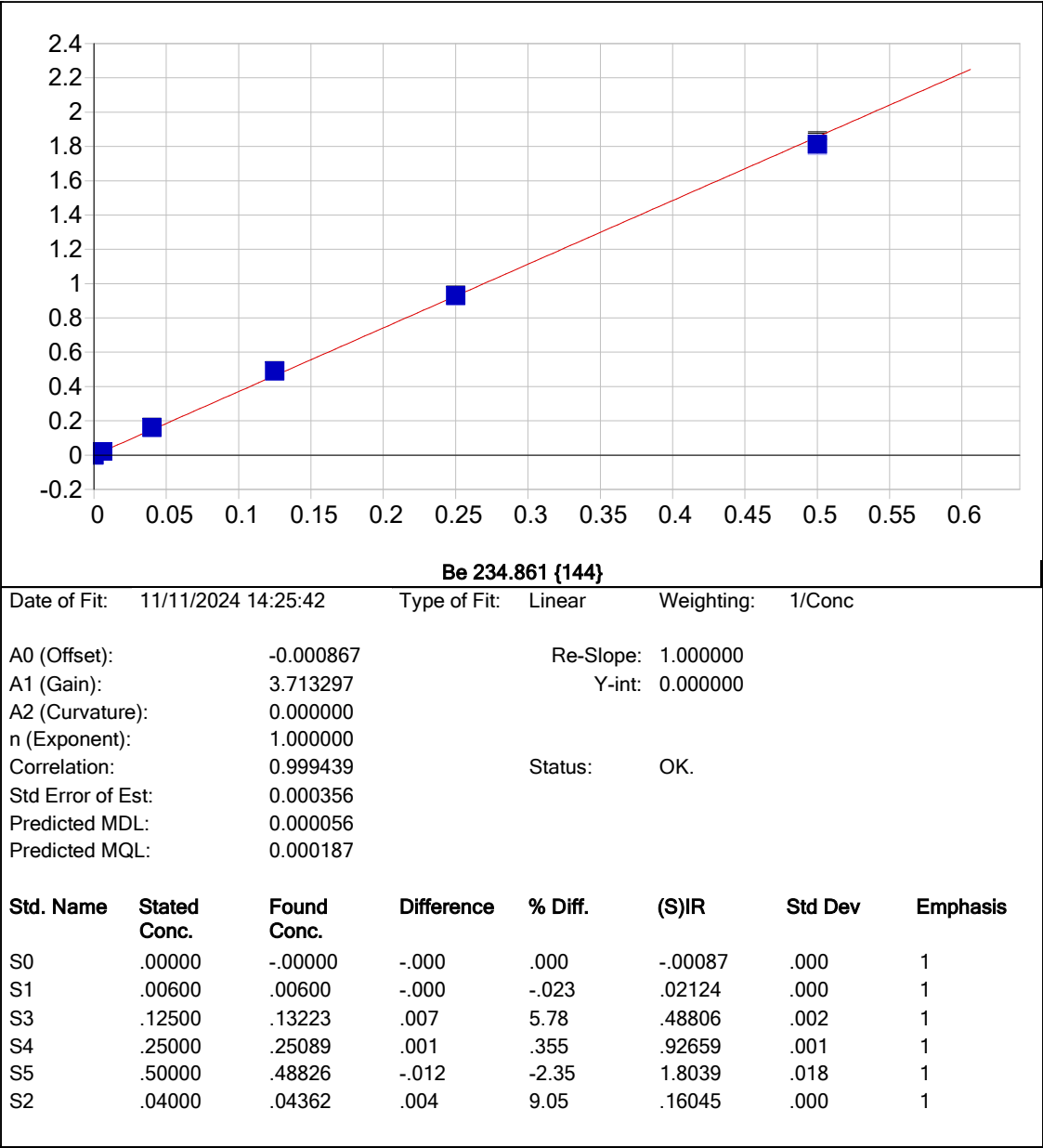
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A1 (Gain): 0.224322 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999874 Status: OK.
Std Error of Est: 0.000065
Predicted MDL: 0.001033
Predicted MQL: 0.003444

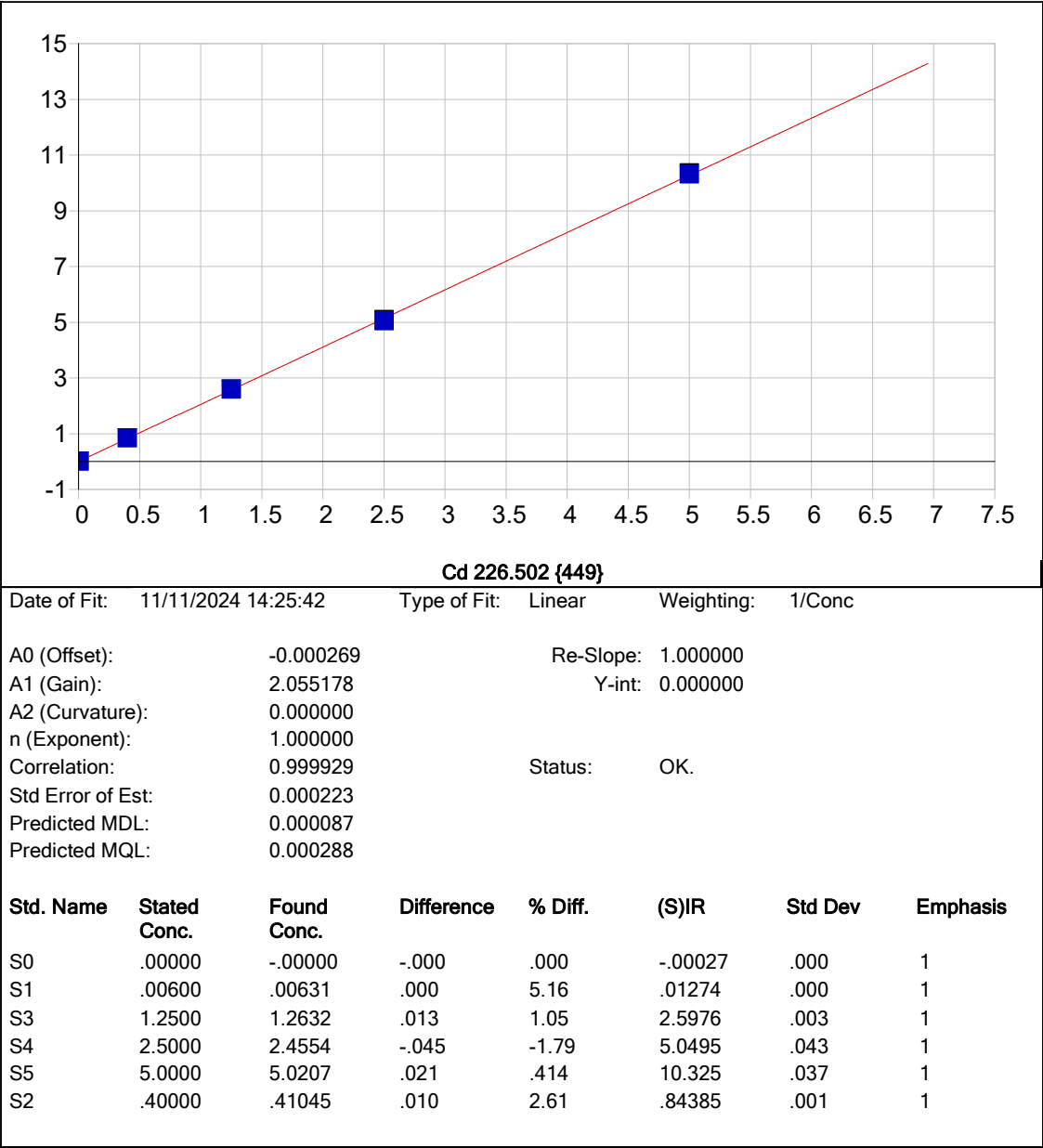


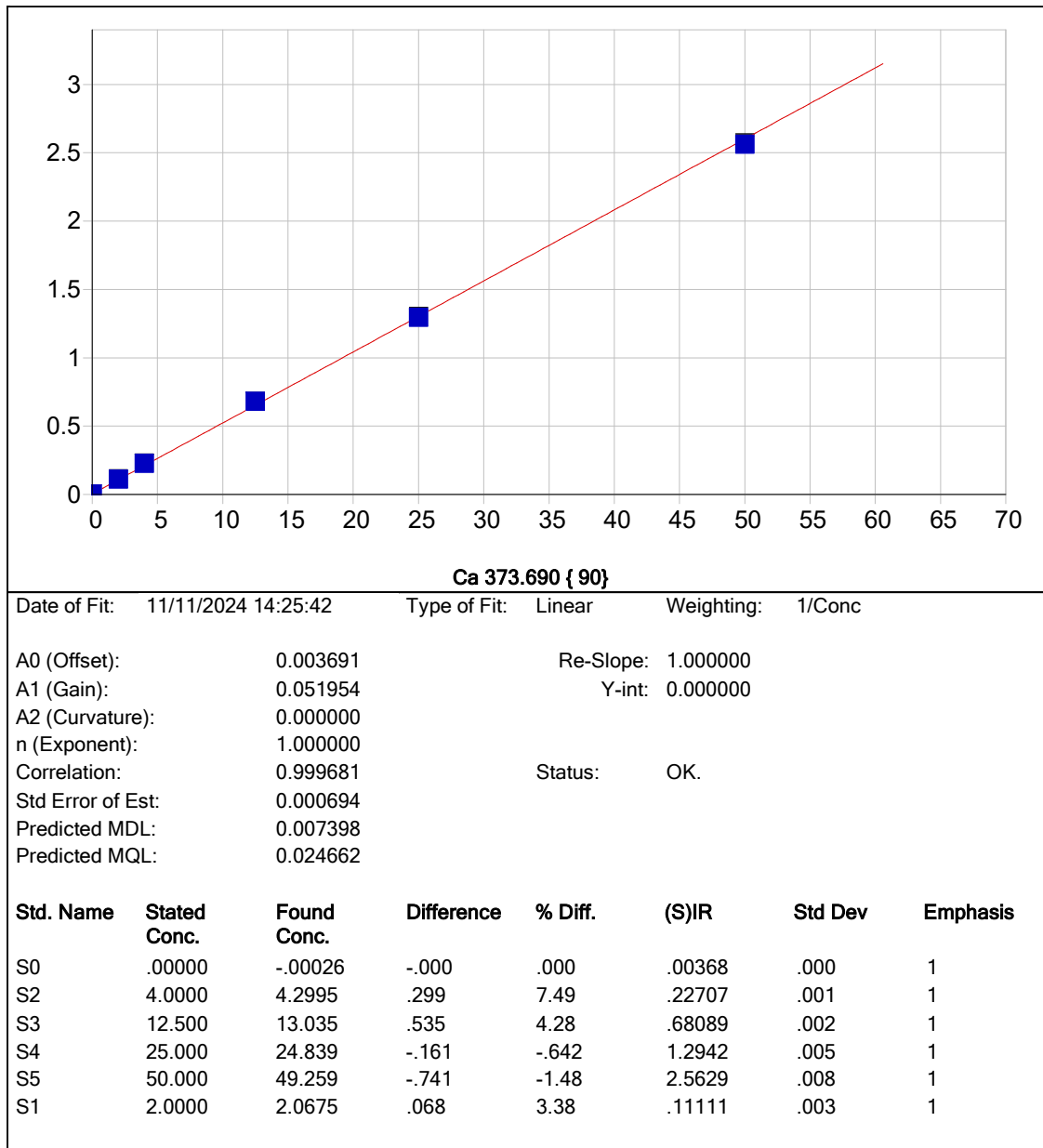


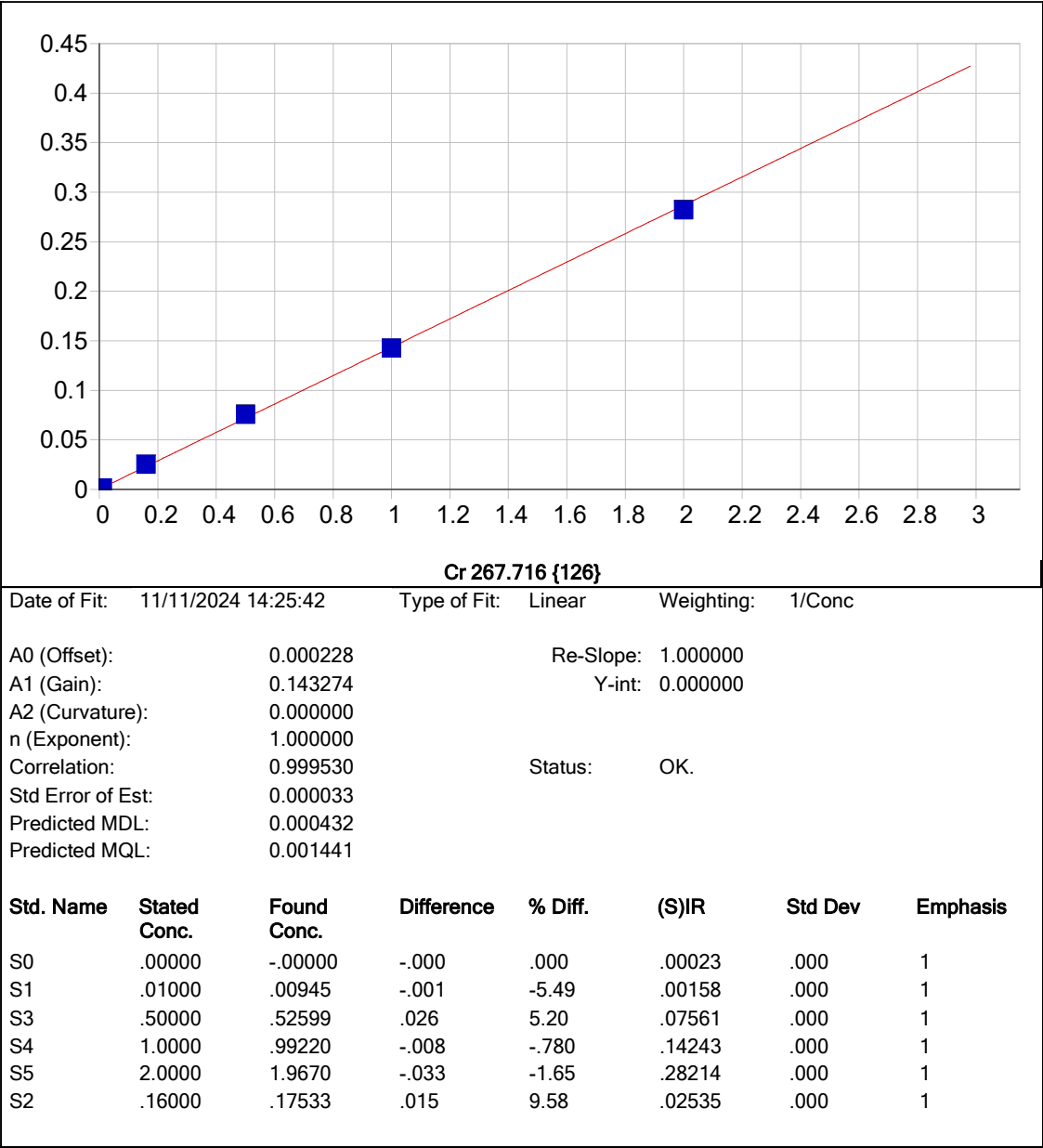


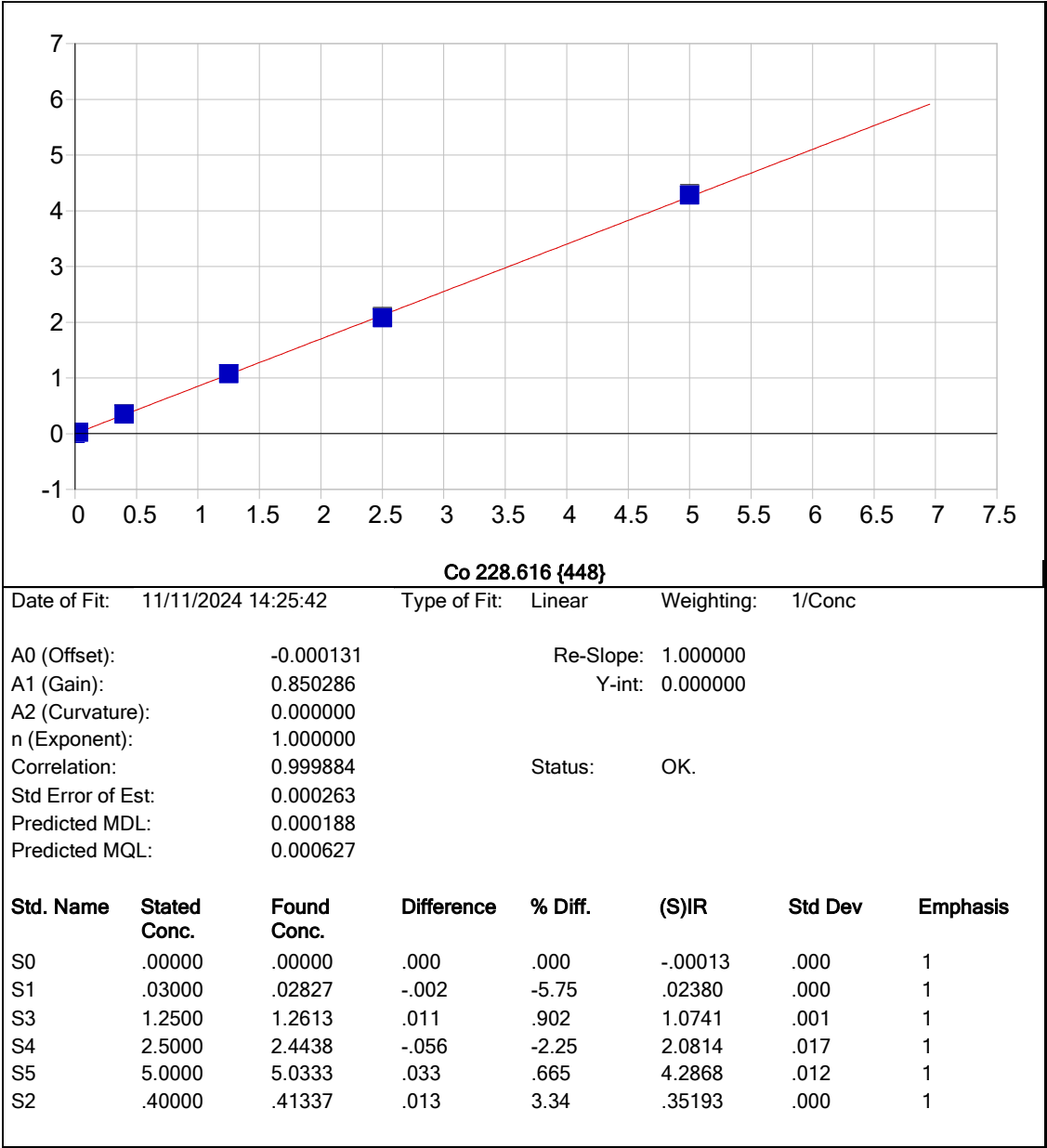






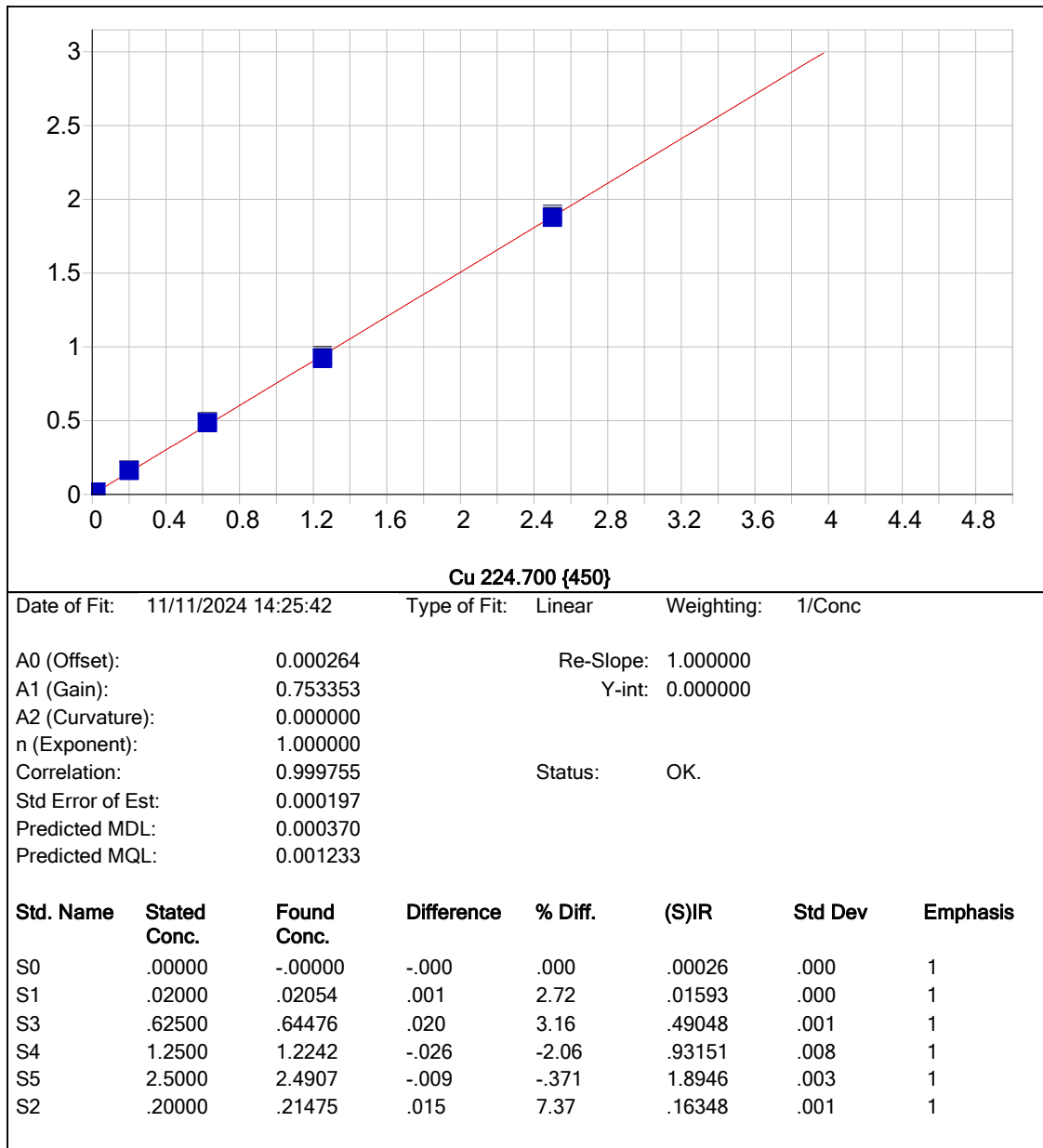


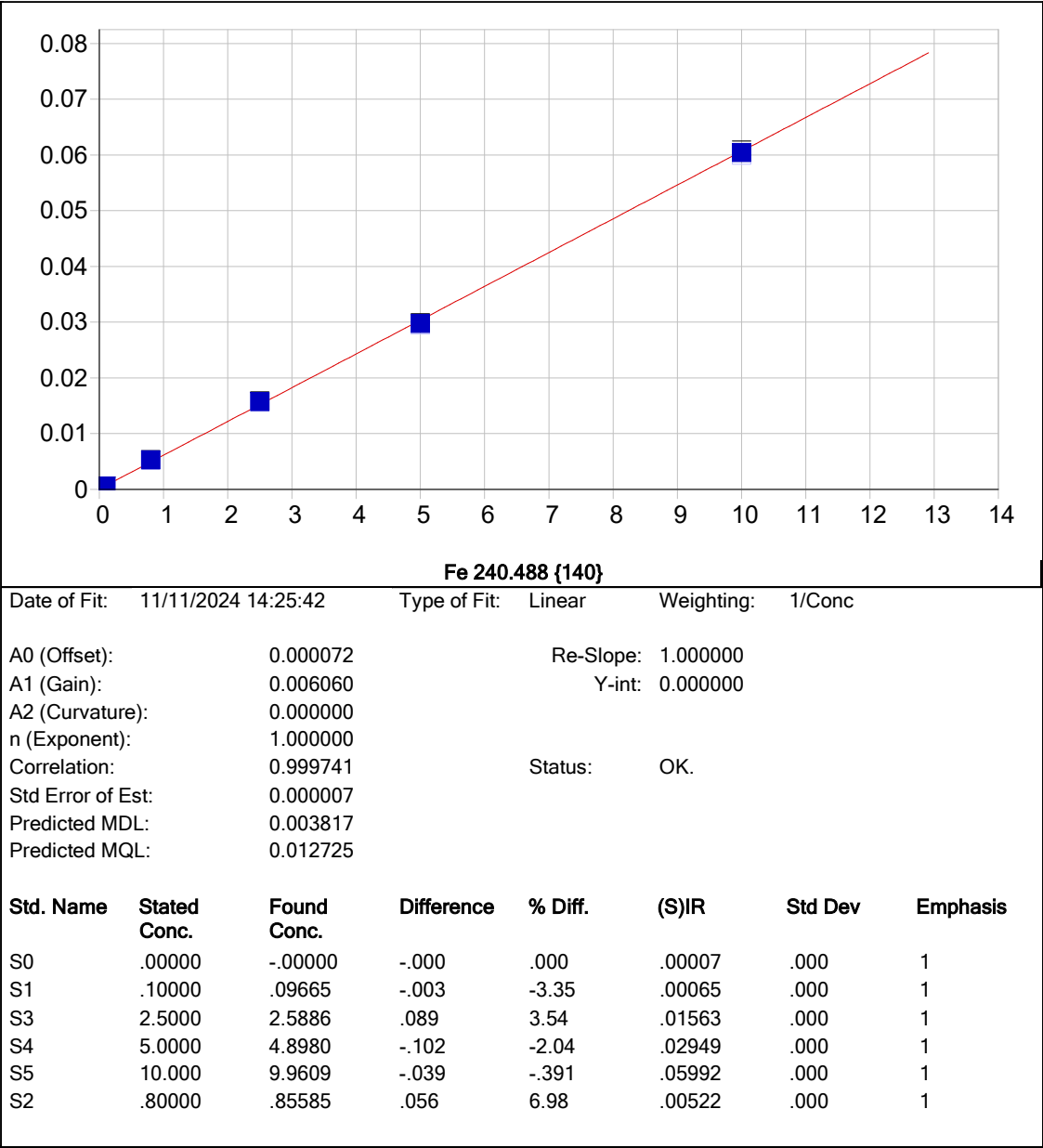


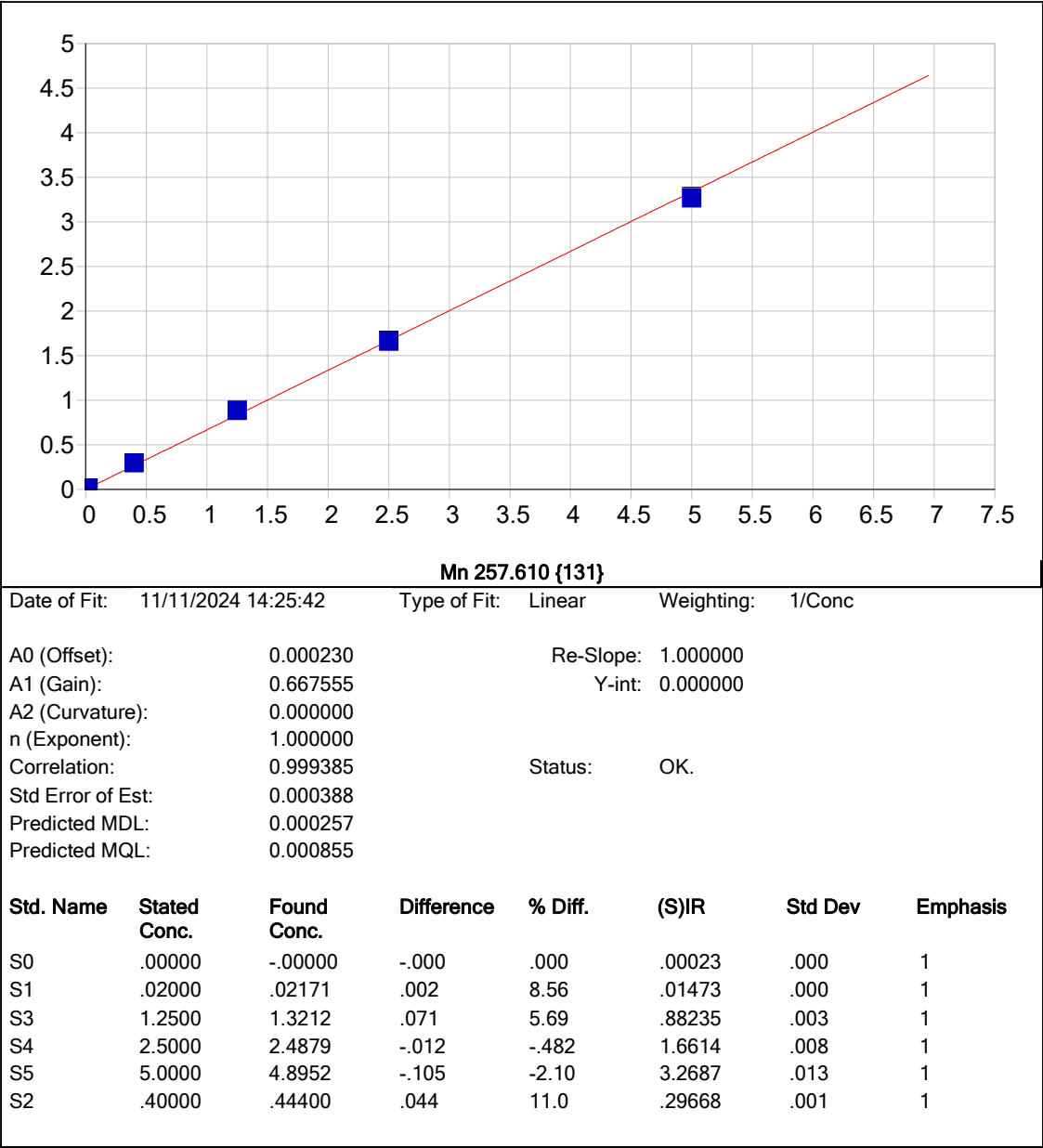


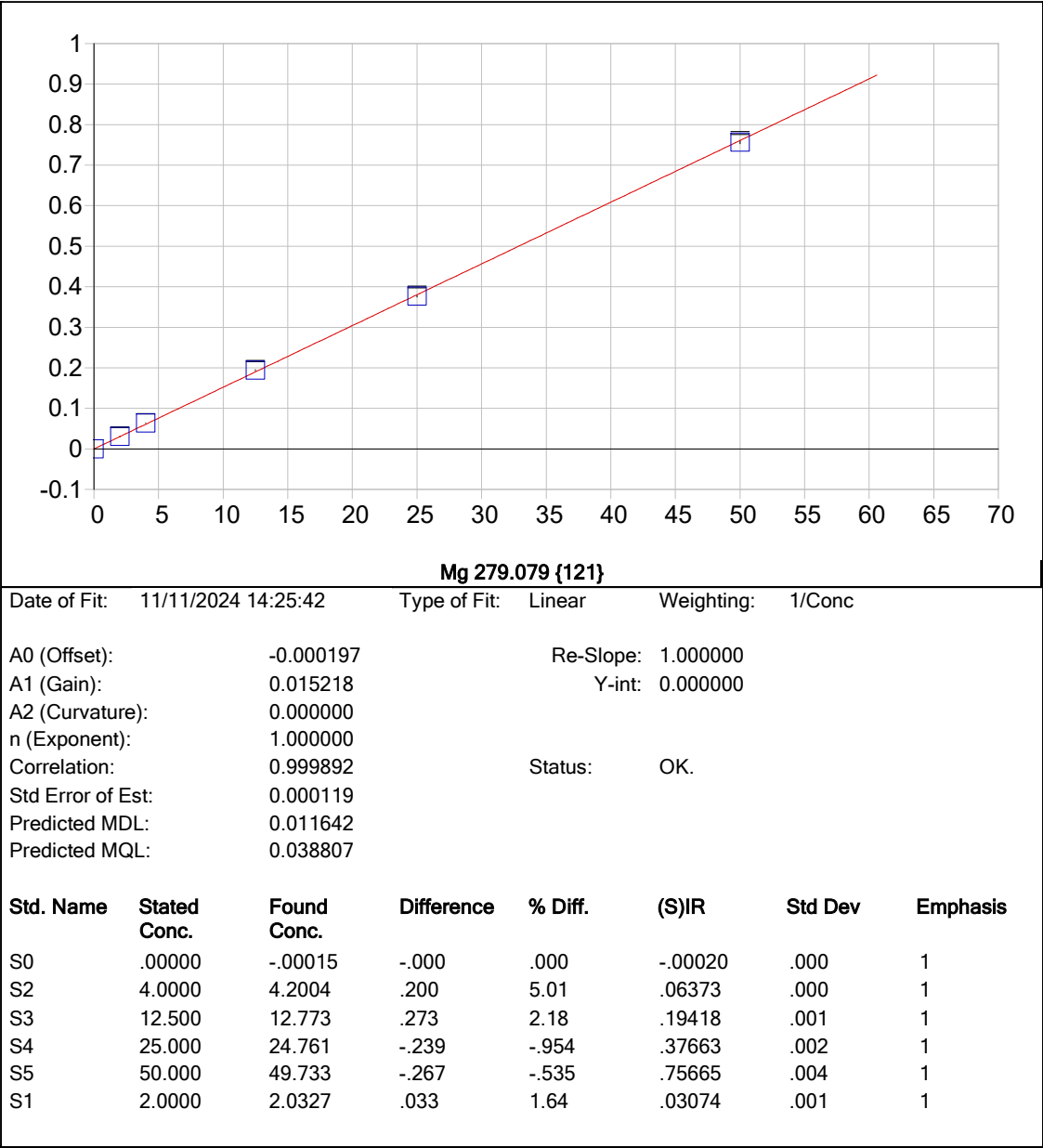
Date of Fit: 11/11/2024 14:25:42 Type of Fit: Linear Weighting: 1/Conc

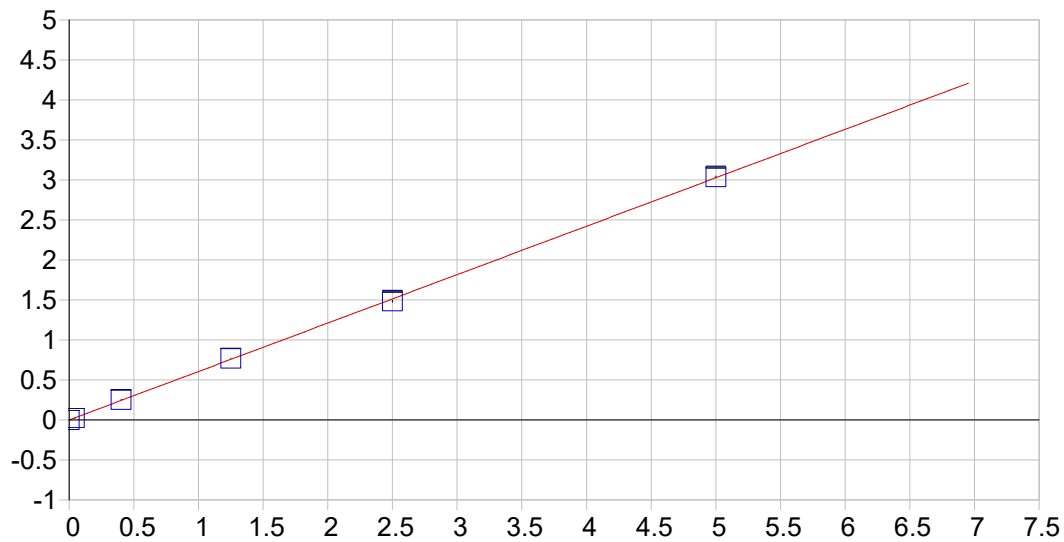
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A1 (Gain): 0.850286 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999884 Status: OK.
Std Error of Est: 0.000263
Predicted MDL: 0.000188
Predicted MQL: 0.000627









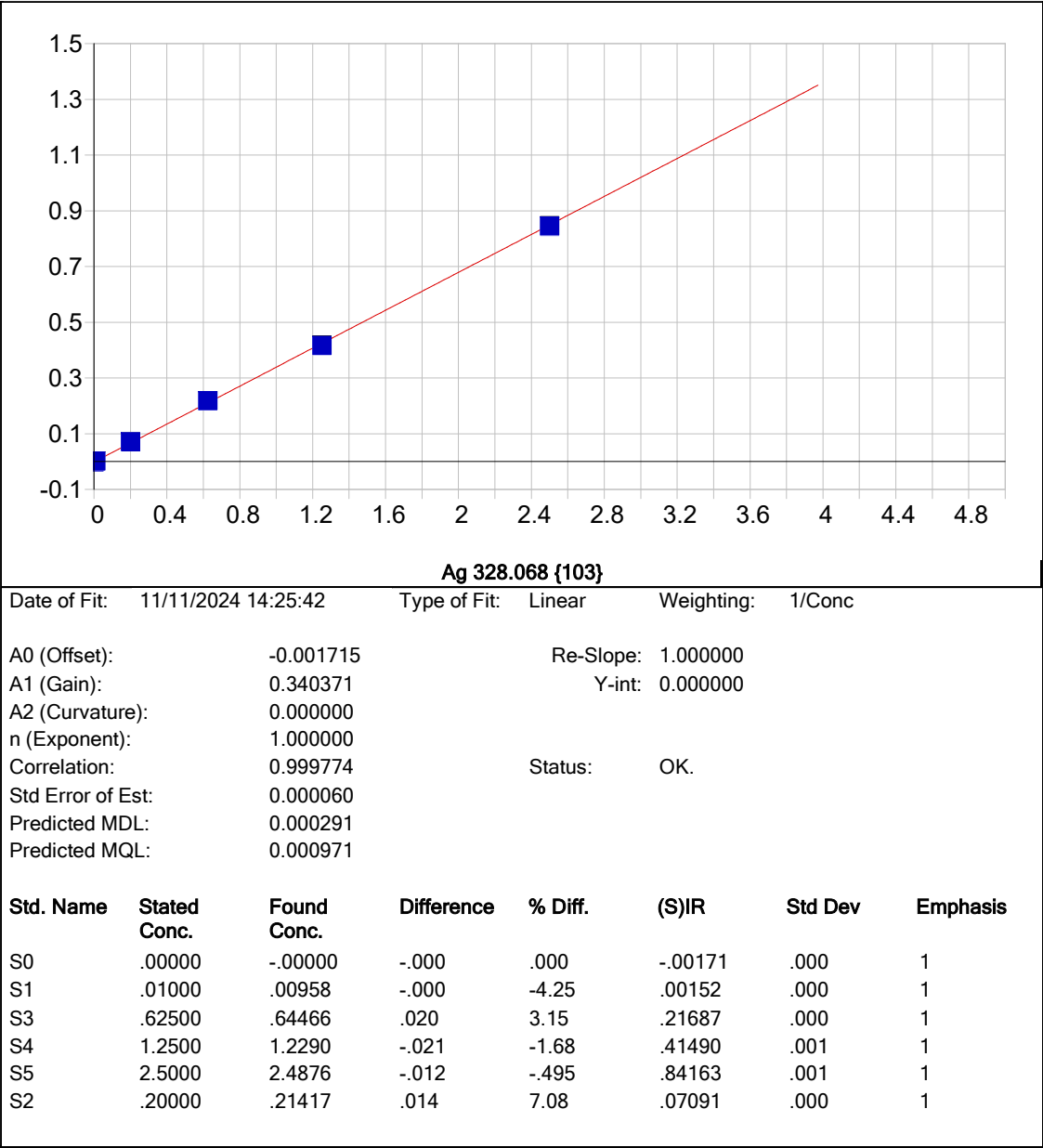


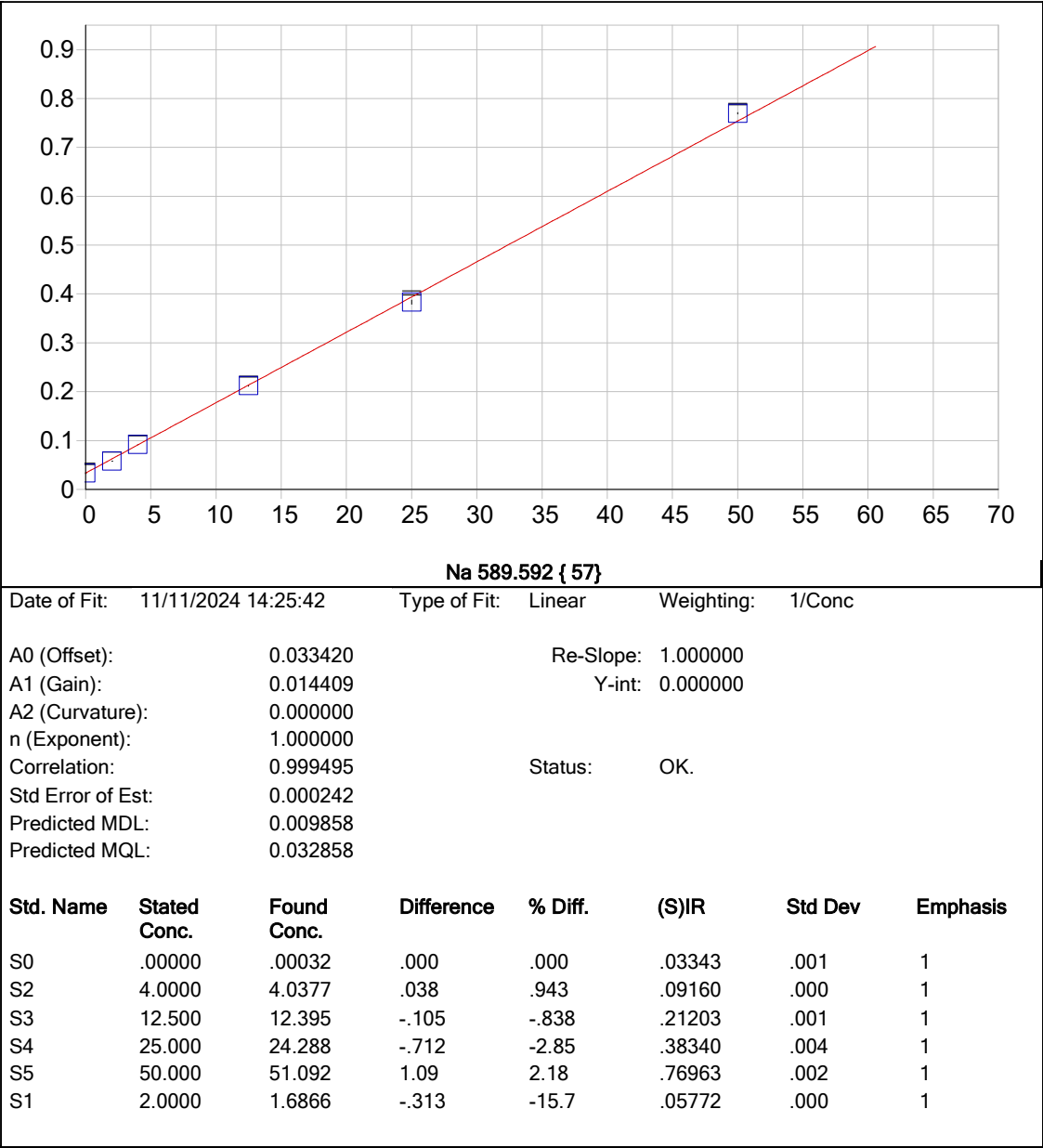
Ni 231.604 {446}

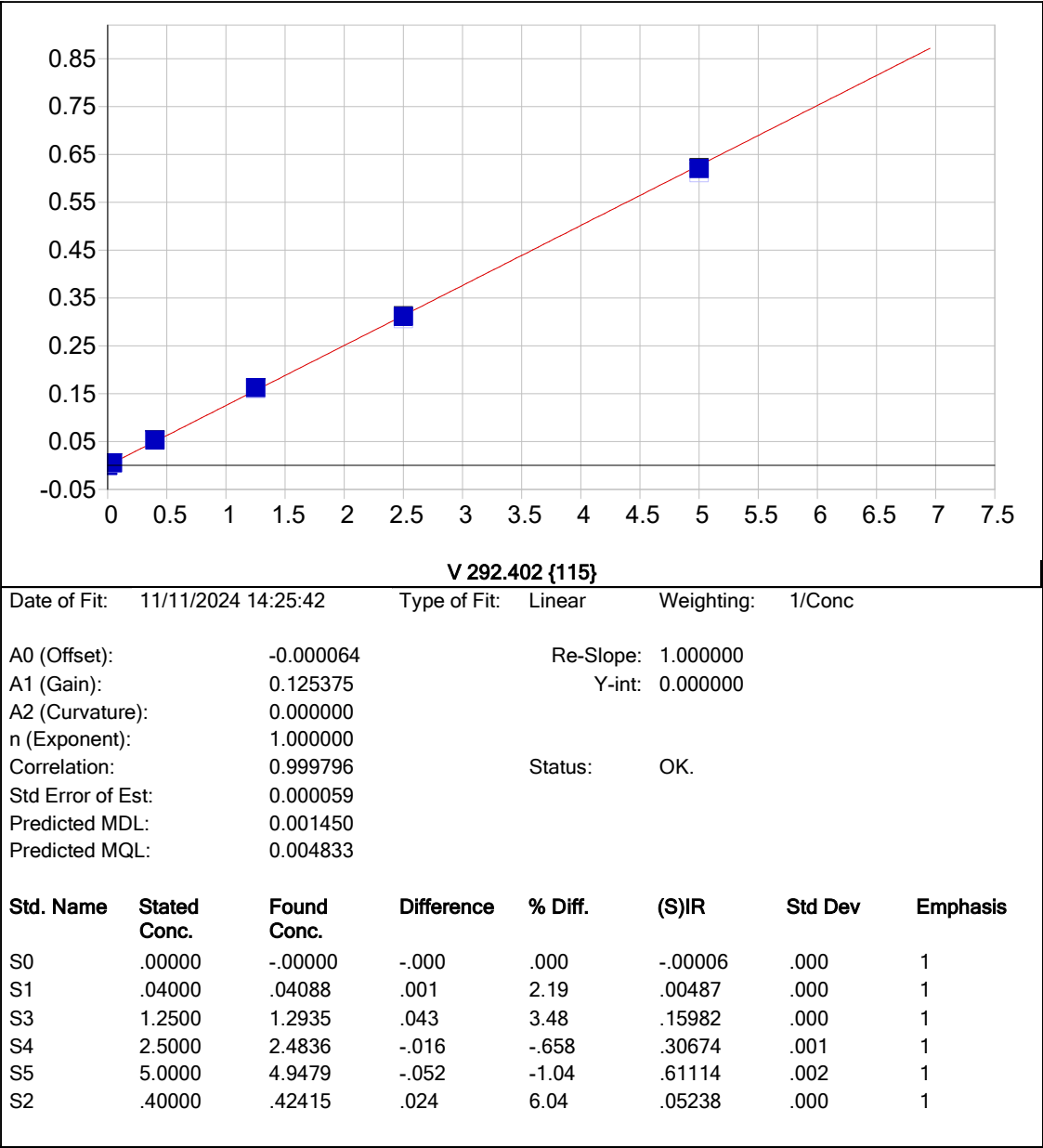
Date of Fit: 11/11/2024 14:25:42 Type of Fit: Linear Weighting: 1/Conc

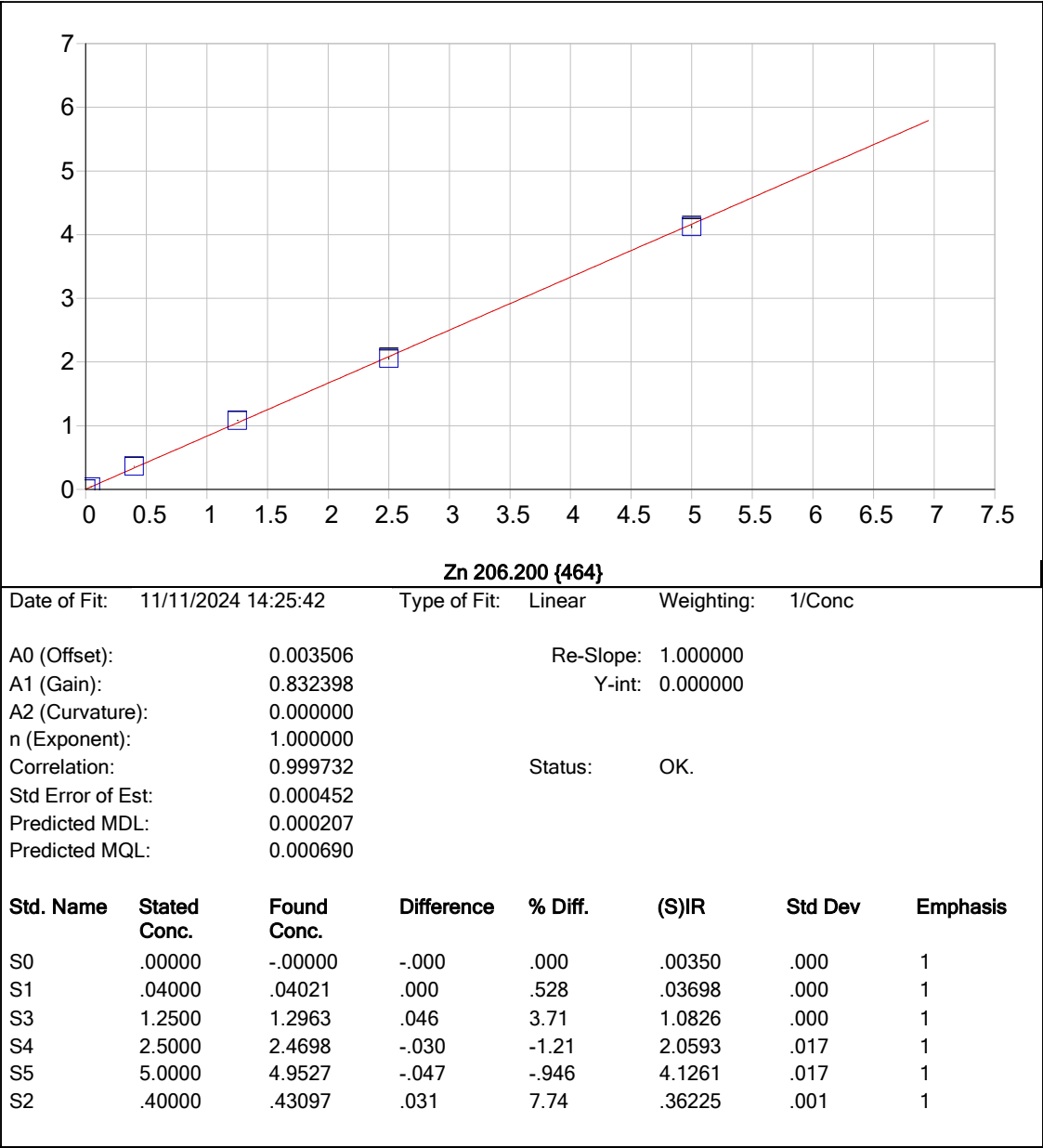
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A1 (Gain): 0.605267 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999876 Status: OK.
Std Error of Est: 0.000224
Predicted MDL: 0.000297
Predicted MQL: 0.000992

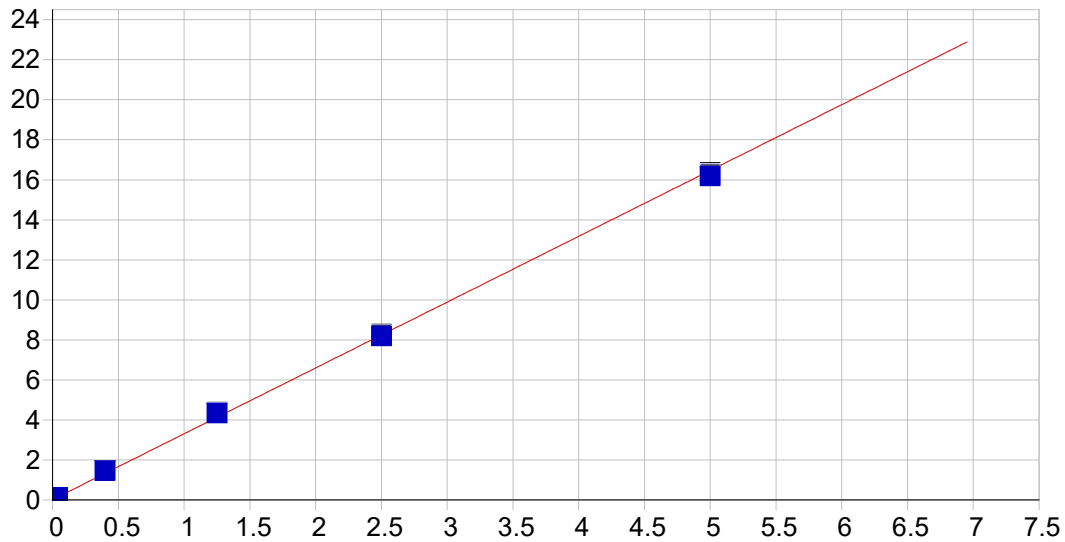
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00007	.000	1
S1	.04000	.03687	-.003	-7.82	.02239	.000	1
S3	1.2500	1.2707	.021	1.66	.76918	.001	1
S4	2.5000	2.4508	-.049	-1.97	1.4834	.013	1
S5	5.0000	5.0152	.015	.304	3.0356	.010	1
S2	.40000	.41644	.016	4.11	.25213	.001	1









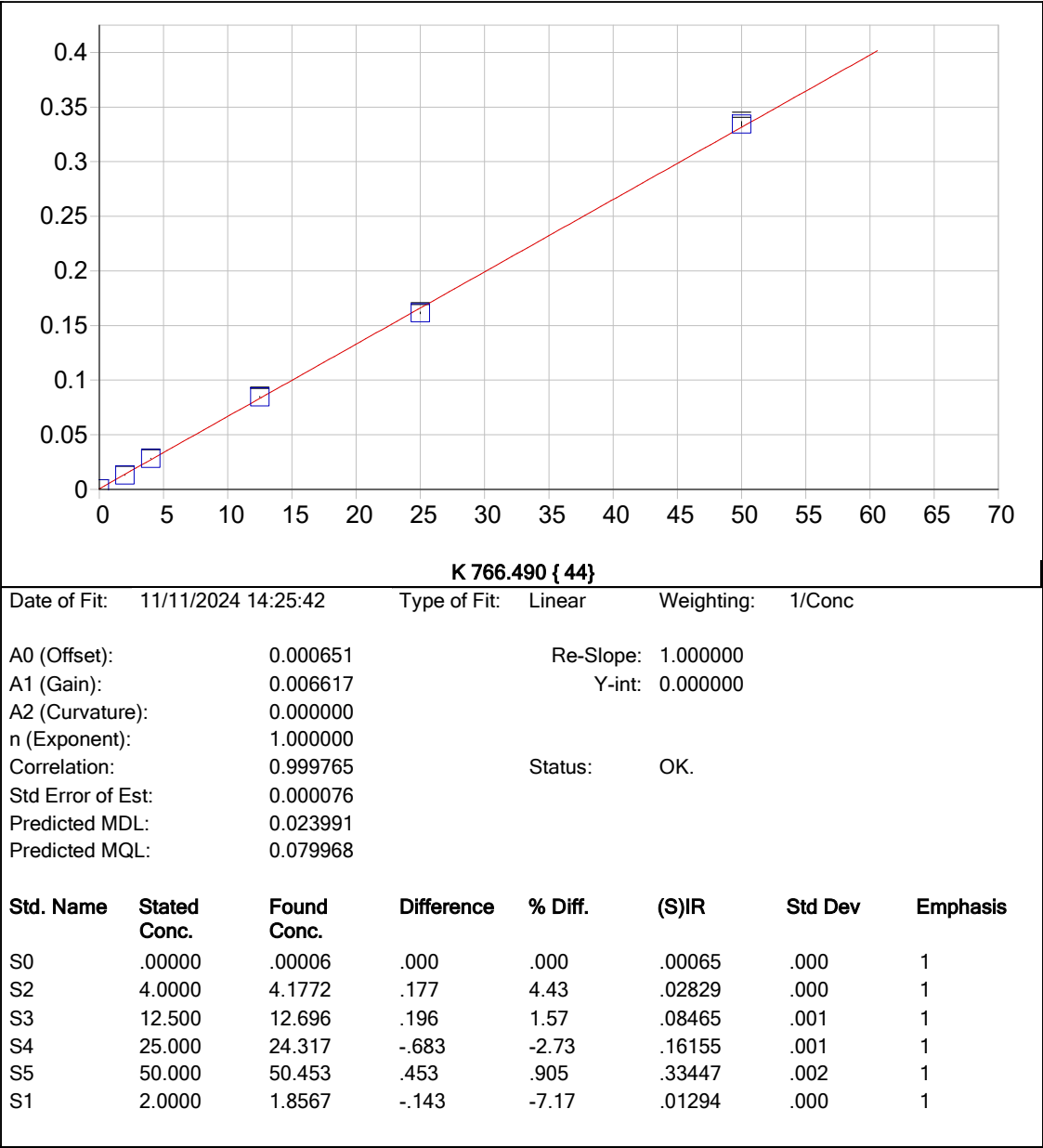


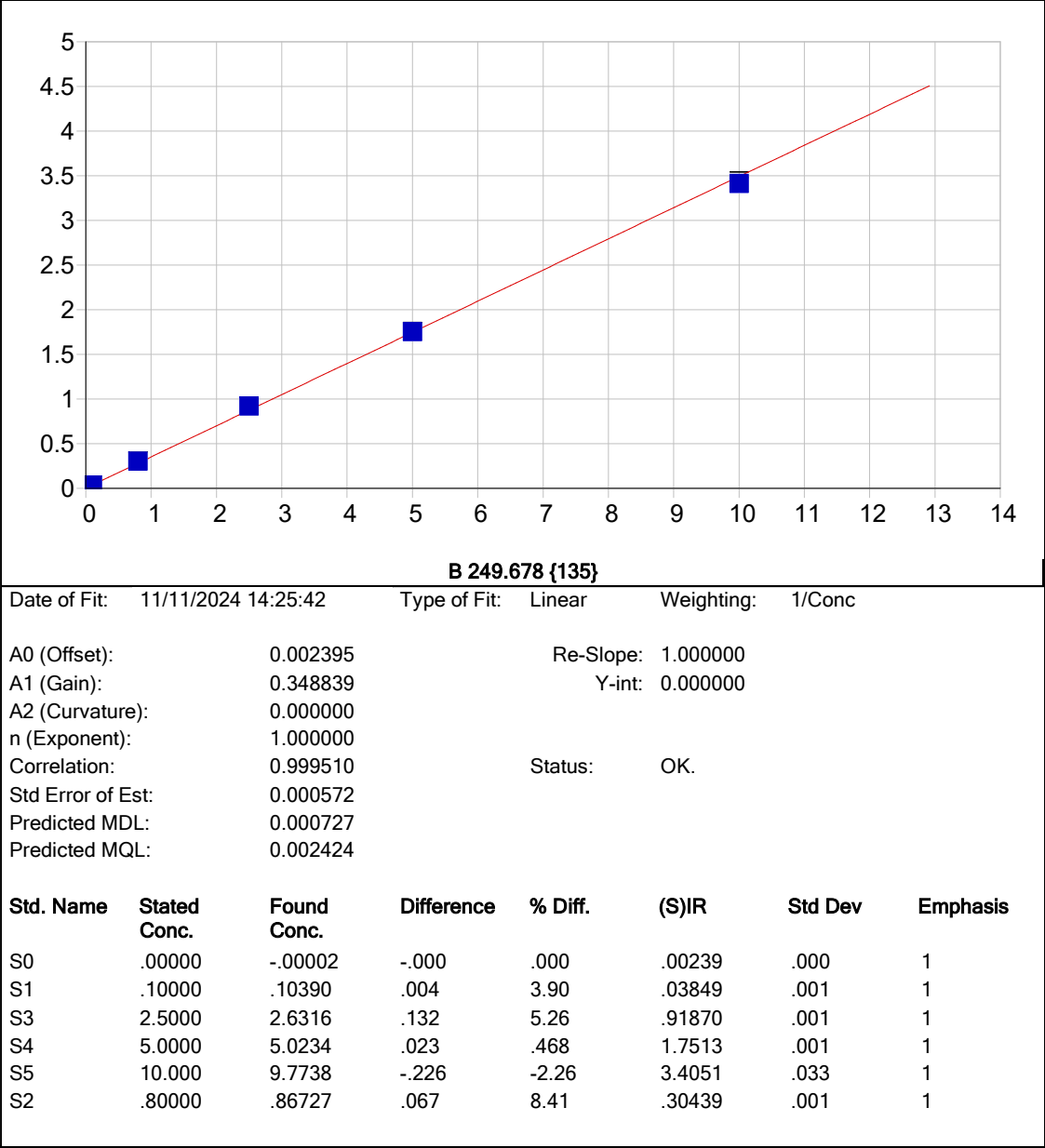
Zn 213.856 {158}

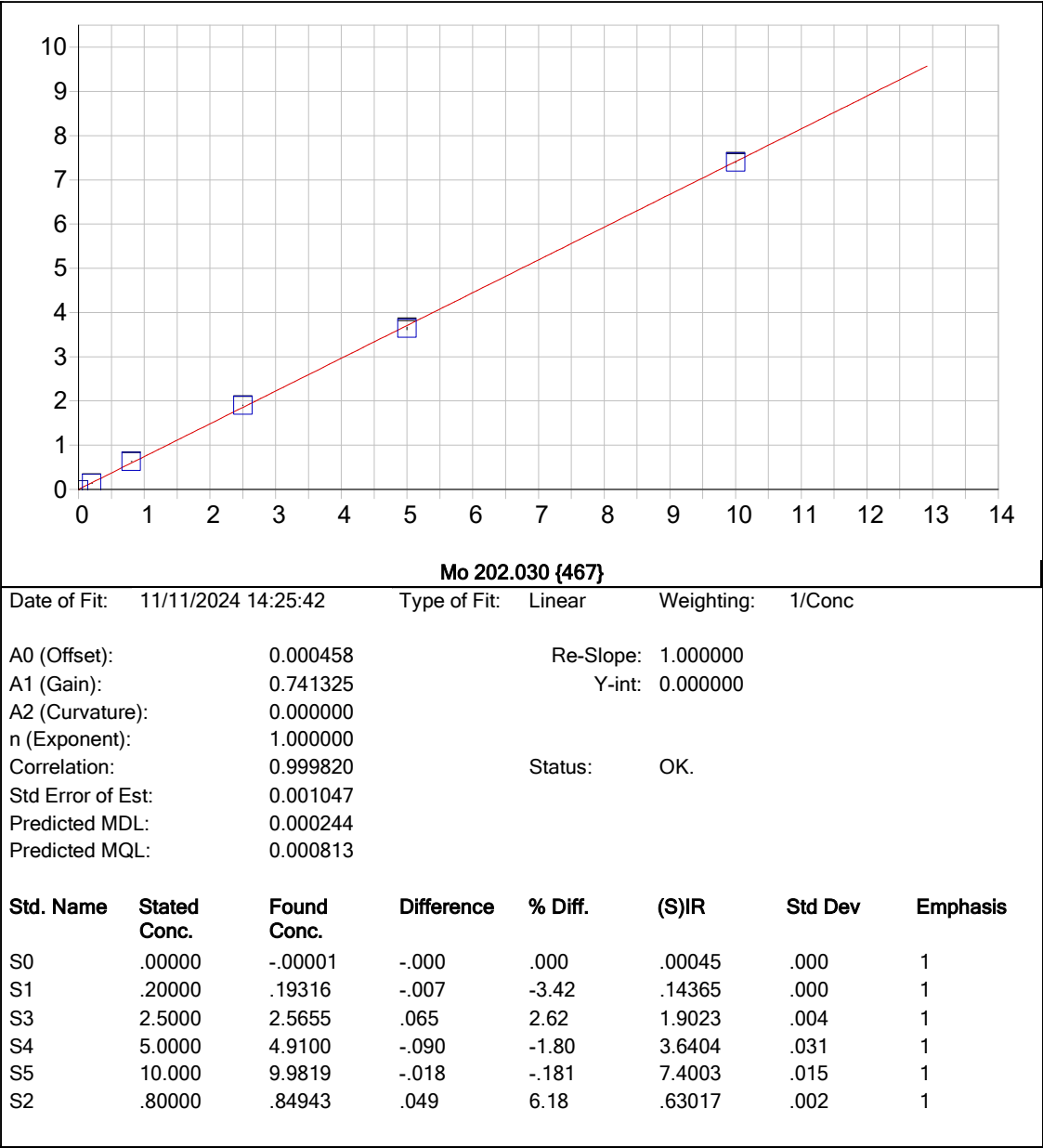
Date of Fit: 11/11/2024 14:25:42 Type of Fit: Linear Weighting: 1/Conc

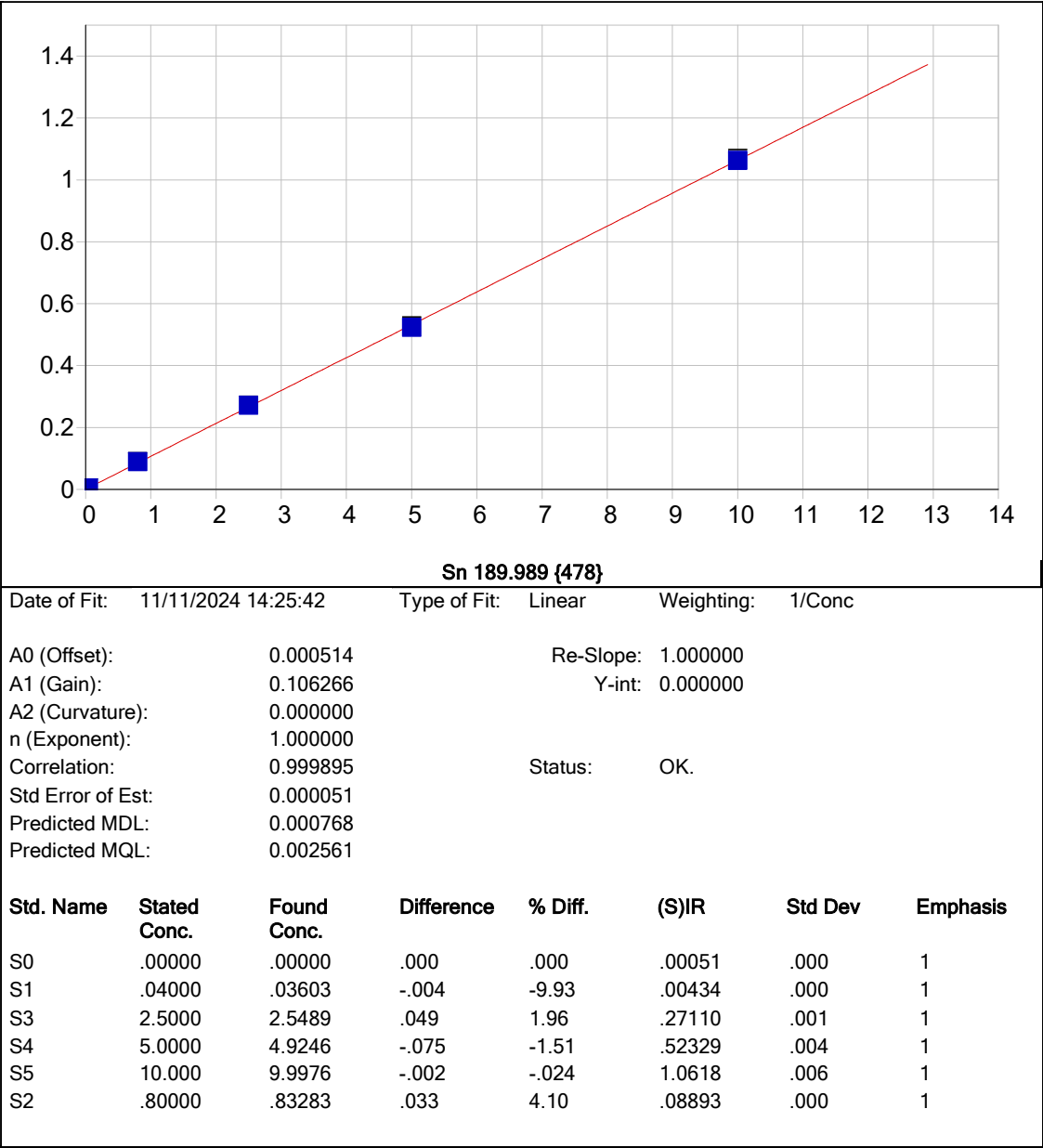
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A1 (Gain): 3.289917 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999571 Status: OK.
Std Error of Est: 0.002277
Predicted MDL: 0.000226
Predicted MQL: 0.000755

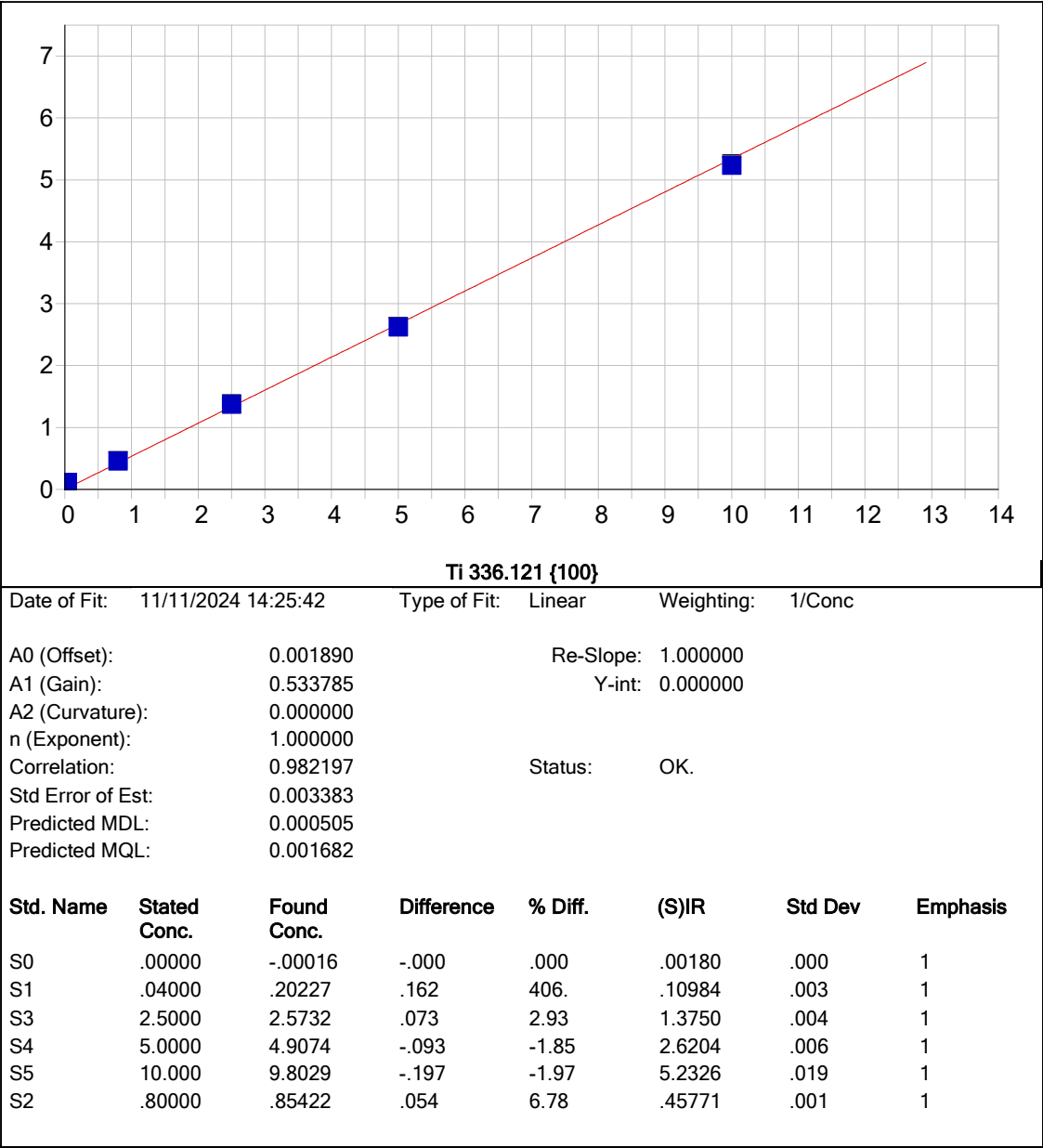
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.01481	.000	1
S1	.04000	.04019	.000	.465	.14796	.002	1
S3	1.2500	1.3119	.062	4.96	4.3596	.019	1
S4	2.5000	2.4857	-.014	-.571	8.2498	.029	1
S5	5.0000	4.9153	-.085	-1.69	16.300	.055	1
S2	.40000	.43690	.037	9.22	1.4613	.004	1

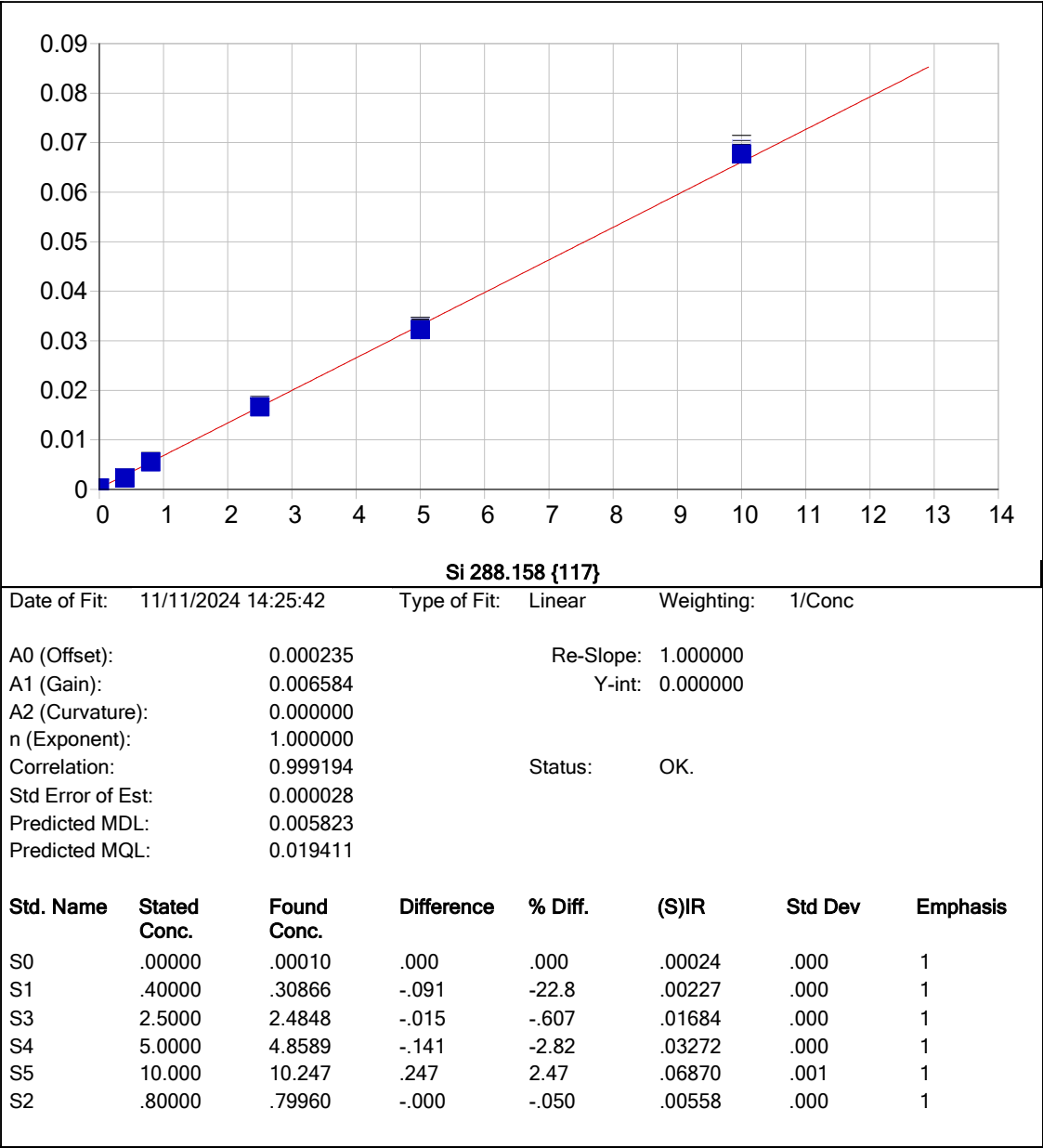


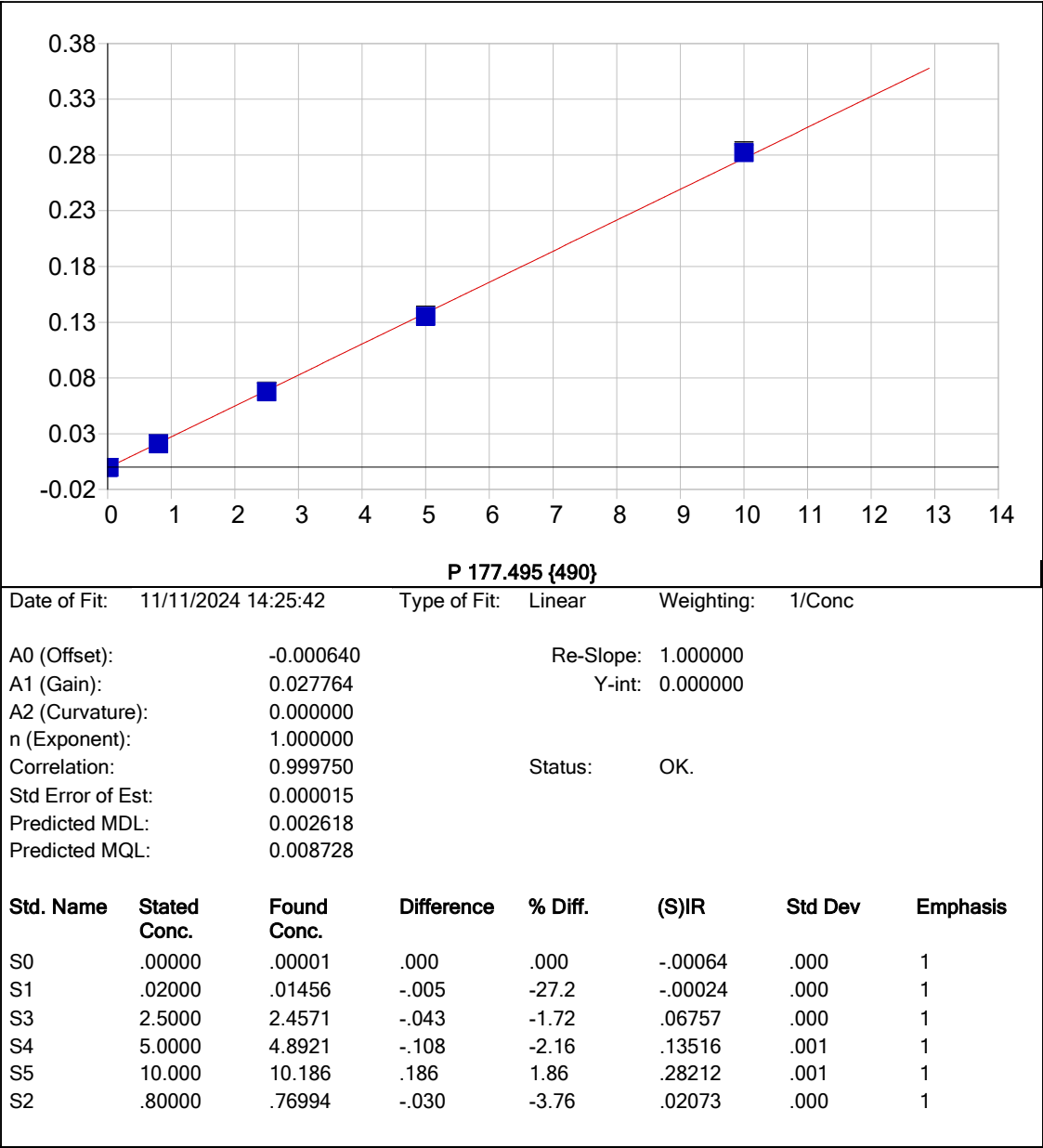


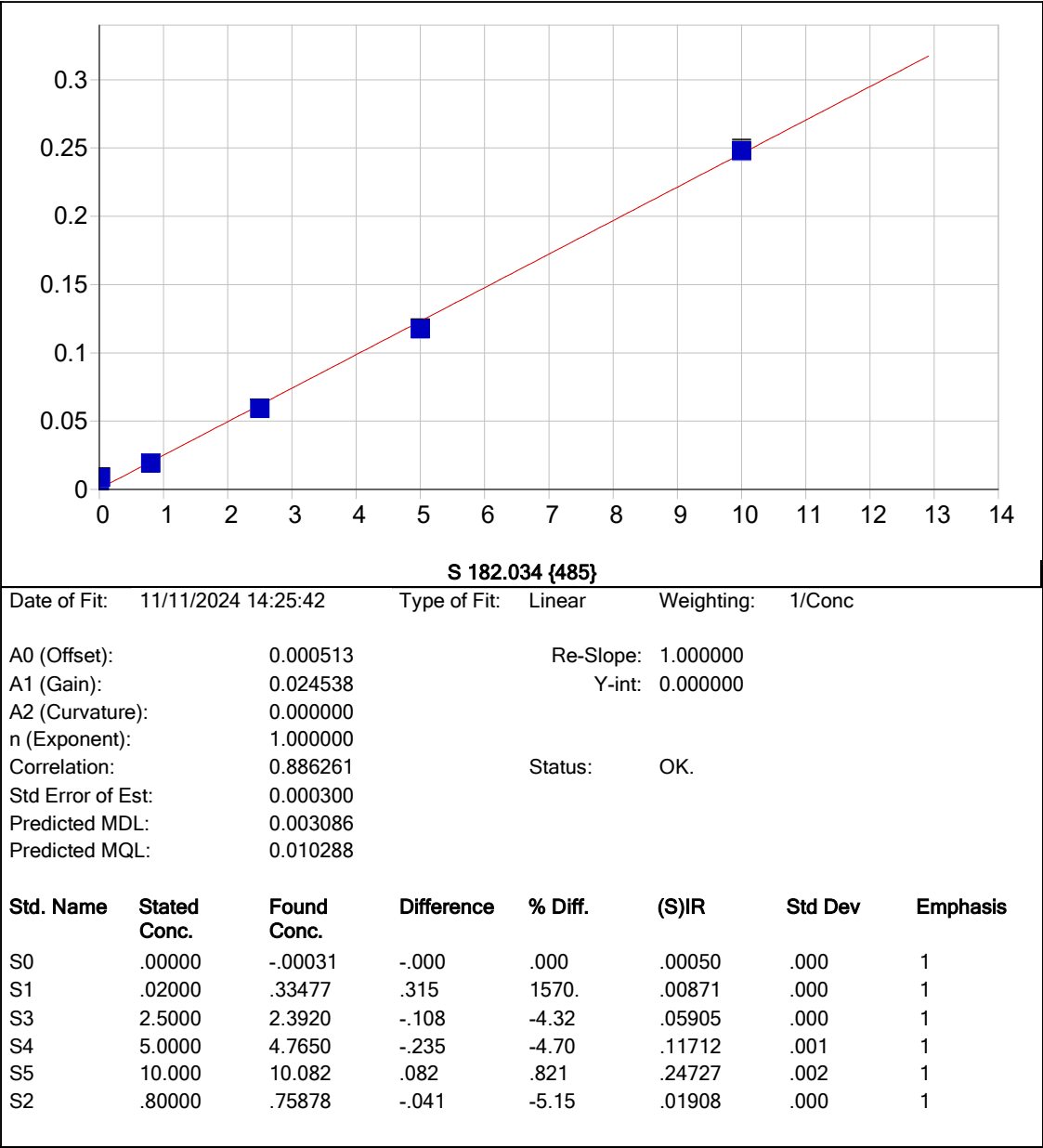


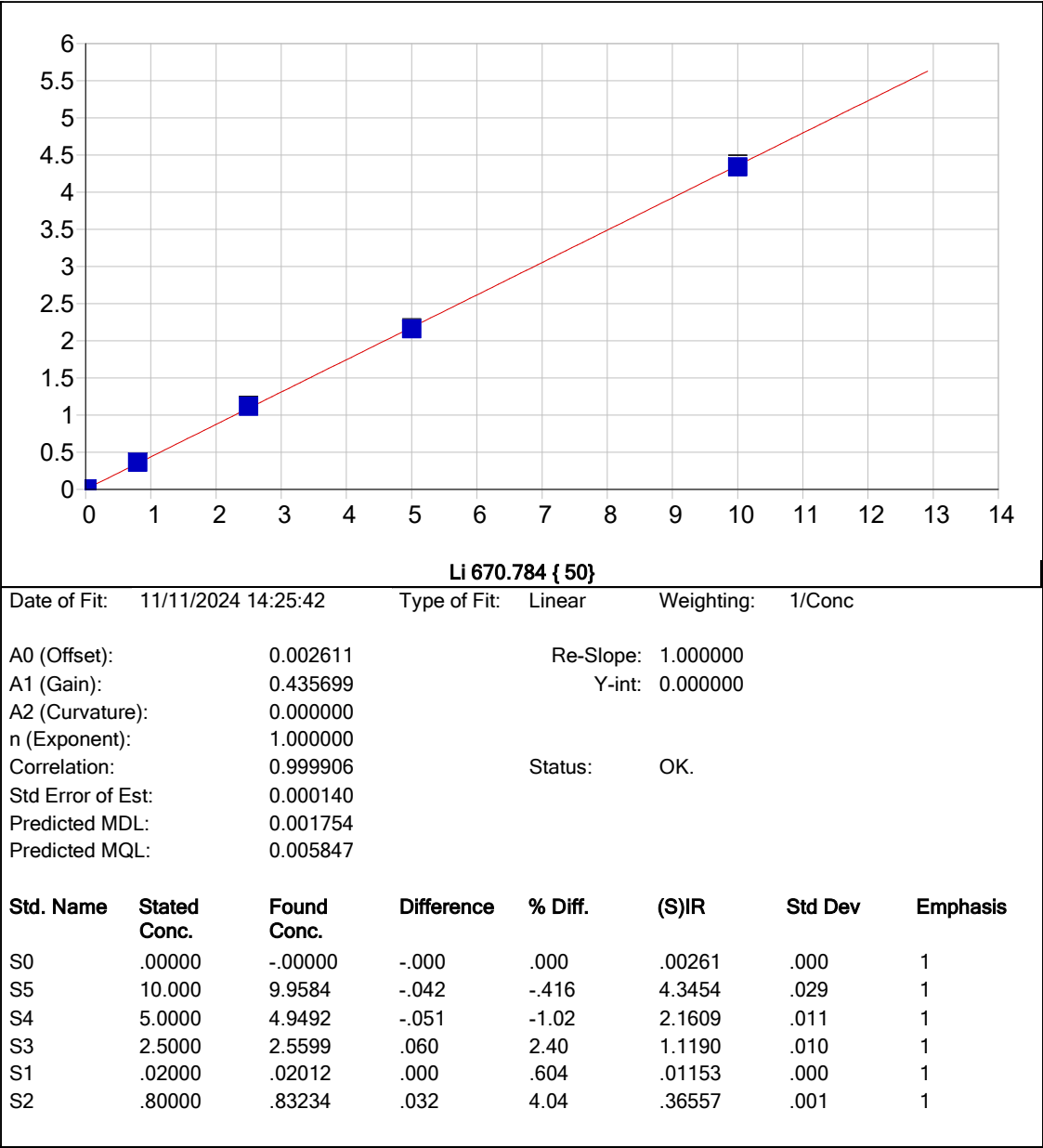


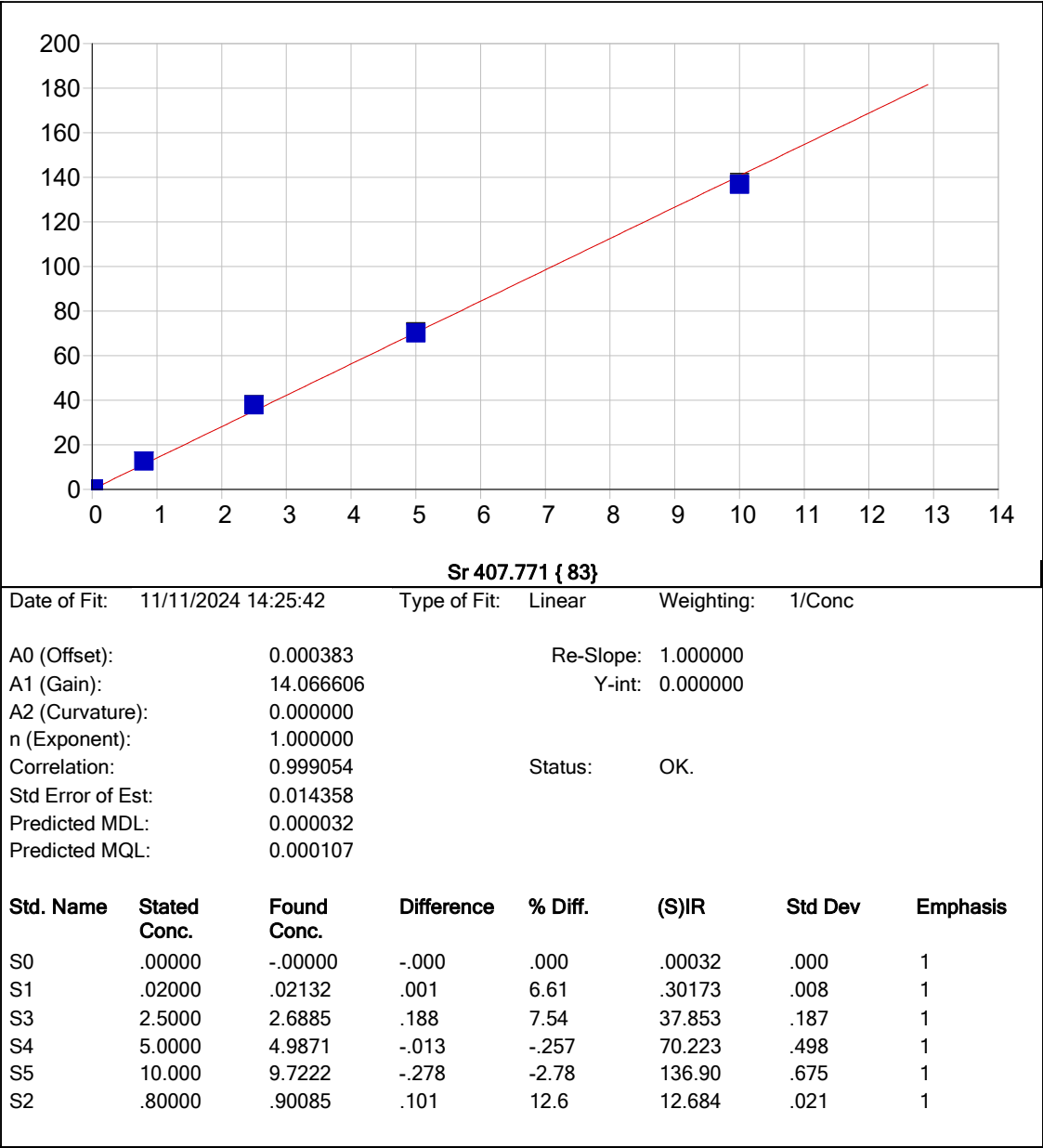


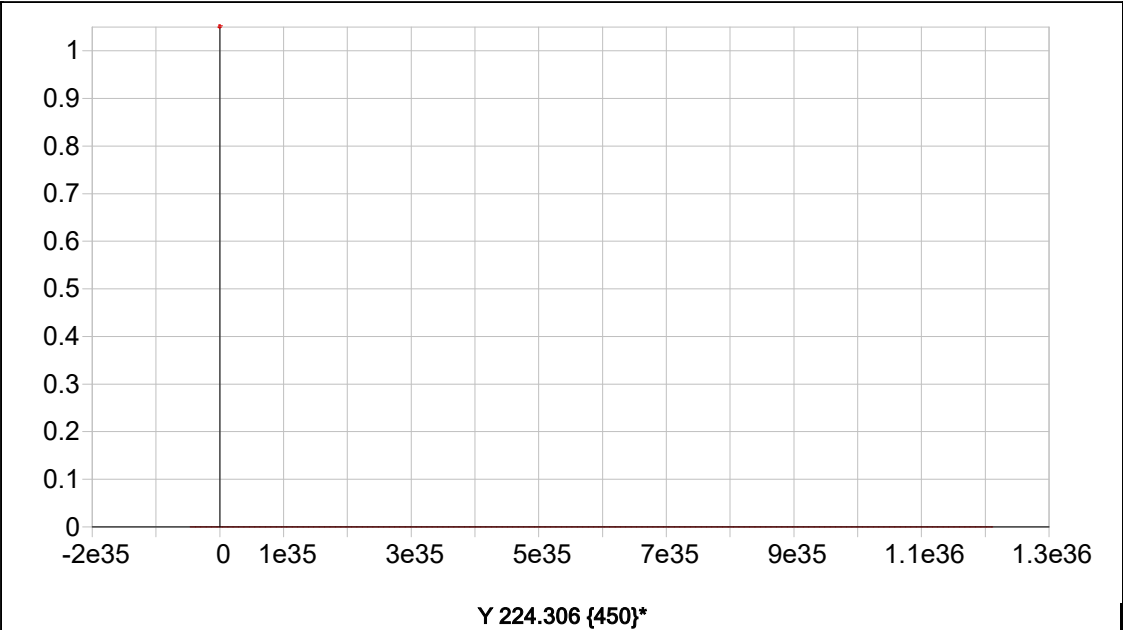






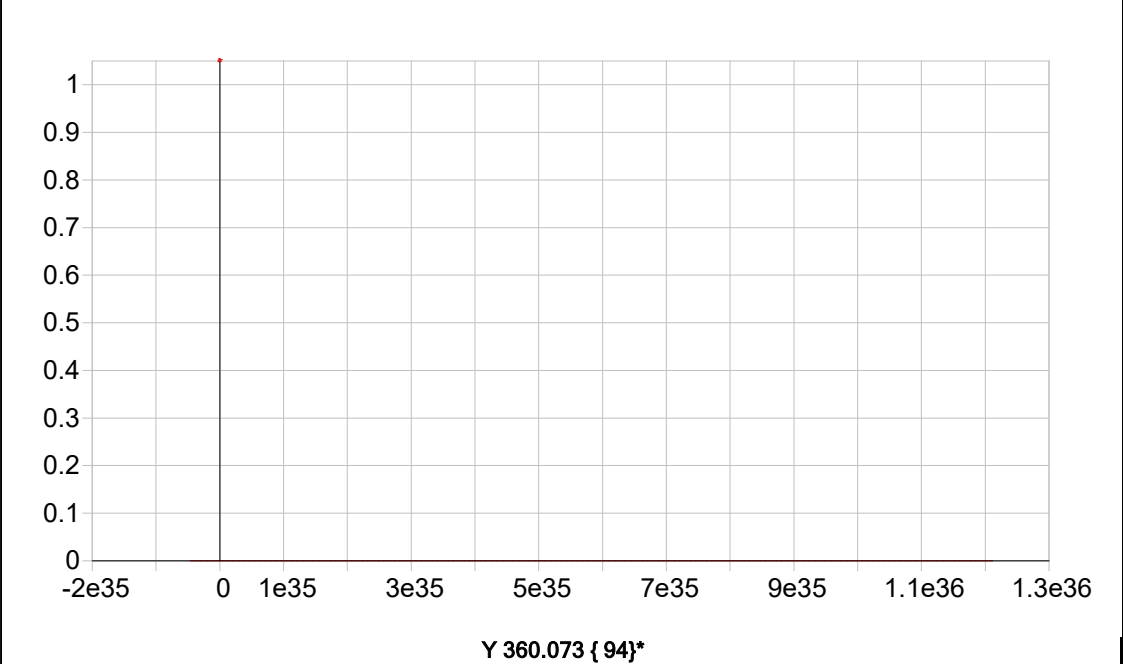




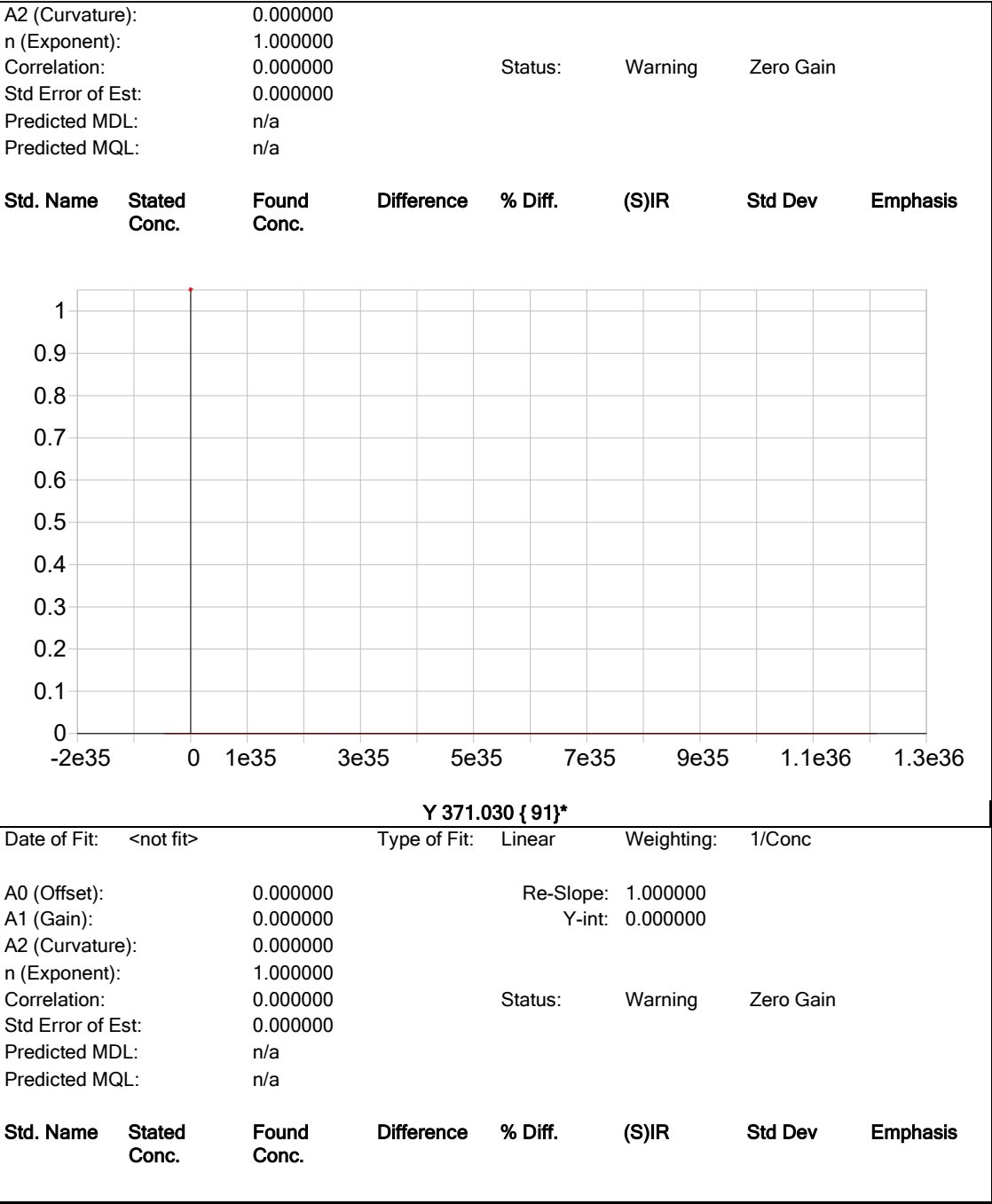


Date of Fit:	11/11/2024 13:58:52	Type of Fit:	Linear	Weighting:	1/Conc
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A1 (Gain):	0.000000	Y-int:	0.000000		
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000	Status:	Warning	Zero Gain	
Std Error of Est:	0.000000				
Predicted 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: 11/11/2024 13:59:51 Type: Cal
Method: NON EPA-6010-200.7(v2467) 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	-.00004	-.00042	-.00025	.00044	.00022	.00036	-.00639	-.00087
Stddev	.00004	.00007	.00011	.00013	.00019	.00032	.00136	.00017
%RSD	93.943	16.733	42.625	29.670	89.207	87.955	21.228	19.836
#1	-.00008	-.00037	-.00013	.00056	.00002	.00002	-.00793	-.00070
#2	-.00004	-.00050	-.00029	.00030	.00022	.00065	-.00585	-.00087
#3	-.00000	-.00039	-.00034	.00046	.00041	.00043	-.00538	-.00104
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	-.00027	.00368	.00023	-.00013	.00026	.00007	.00023	-.00020
Stddev	.00013	.00024	.00004	.00004	.00015	.00002	.00017	.00009
%RSD	46.446	6.4269	17.088	27.201	59.035	21.355	75.145	47.724
#1	-.00017	.00394	.00019	-.00015	.00043	.00007	.00026	-.00011
#2	-.00041	.00349	.00022	-.00015	.00022	.00009	.00038	-.00030
#3	-.00022	.00360	.00027	-.00009	.00013	.00006	.00004	-.00020
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	.00007	-.00171	.03343	-.00006	.01481	.00065	.00239	.00045
Stddev	.00010	.00009	.00124	.00021	.00038	.00013	.00006	.00018
%RSD	139.56	5.3520	3.6972	317.77	2.5333	20.360	2.6258	40.324
#1	.00011	-.00162	.03213	.00004	.01452	.00050	.00243	.00064
#2	-.00004	-.00172	.03355	.00007	.01523	.00073	.00232	.00028
#3	.00014	-.00181	.03460	-.00030	.01468	.00072	.00242	.00044
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	.00051	.00180	.00024	-.00064	.00050	.00261	.00032	
Stddev	.00002	.00012	.00003	.00005	.00003	.00041	.00023	
%RSD	4.2281	6.7768	12.341	7.0922	6.2158	15.840	73.222	
#1	.00053	.00194	.00022	-.00068	.00048	.00269	.00049	
#2	.00049	.00175	.00027	-.00065	.00054	.00298	.00005	
#3	.00052	.00172	.00022	-.00059	.00049	.00216	.00040	

Sample Name: S0 Acquired: 11/11/2024 13:59:51 Type: Cal
Method: NON EPA-6010-200.7(v2467) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3012.2	65950.	13421.	2257.5	4974.5
Stddev	10.4	143.	19.	7.1	13.7
%RSD	.34471	.21757	.14392	.31355	.27586
#1	3000.3	65786.	13405.	2251.8	4958.7
#2	3016.5	66011.	13442.	2265.4	4981.9
#3	3019.7	66053.	13417.	2255.4	4983.0

Sample Name: S1 Acquired: 11/11/2024 14:04:17 Type: Cal
Method: NON EPA-6010-200.7(v2467) 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	.00088	.00185	.00225	.00213	.00872	.00873	.36461	.02124
Stddev	.00003	.00008	.00037	.00007	.00019	.00025	.01123	.00028
%RSD	2.9668	4.2307	16.300	3.2738	2.2045	2.8801	3.0792	1.3207
#1	.00089	.00193	.00266	.00208	.00886	.00877	.37167	.02114
#2	.00085	.00177	.00214	.00221	.00879	.00896	.37049	.02156
#3	.00090	.00186	.00195	.00210	.00850	.00846	.35166	.02103
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	.01274	.11111	.00158	.02380	.01593	.00065	.01473	.03074
Stddev	.00008	.00270	.00003	.00010	.00043	.00001	.00017	.00075
%RSD	.62822	2.4340	2.0968	.42832	2.6846	1.0437	1.1310	2.4491
#1	.01273	.11245	.00161	.02386	.01625	.00065	.01486	.03121
#2	.01267	.11288	.00155	.02369	.01545	.00066	.01478	.03114
#3	.01283	.10799	.00160	.02387	.01610	.00064	.01454	.02987
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	.02239	.00152	.05772	.00487	.14796	.01294	.03849	.14365
Stddev	.00008	.00005	.00018	.00019	.00165	.00013	.00133	.00004
%RSD	.37900	3.3820	.30923	3.9177	1.1144	.97156	3.4598	.02735
#1	.02240	.00147	.05755	.00508	.14672	.01307	.03907	.14364
#2	.02246	.00157	.05771	.00471	.14732	.01282	.03943	.14370
#3	.02230	.00152	.05791	.00483	.14983	.01292	.03697	.14362
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	.00434	.10984	.00227	-.00024	.00871	.01153	.30173	
Stddev	.00003	.00305	.00001	.00003	.00012	.00027	.00754	
%RSD	.74276	2.7781	.34134	11.857	1.3805	2.3323	2.5005	
#1	.00437	.11148	.00228	-.00027	.00880	.01144	.30570	
#2	.00434	.11172	.00227	-.00021	.00875	.01184	.30646	
#3	.00431	.10632	.00227	-.00022	.00857	.01132	.29303	

Sample Name: S1 Acquired: 11/11/2024 14:04:17 Type: Cal
Method: NON EPA-6010-200.7(v2467) 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	3055.2	67546.	13263.	2308.7	4971.2
Stddev	7.2	62.	342.	12.1	13.1
%RSD	.23587	.09196	2.5793	.52508	.26379
#1	3047.4	67483.	13100.	2297.8	4956.1
#2	3056.6	67607.	13034.	2321.7	4978.3
#3	3061.6	67548.	13657.	2306.4	4979.3

Sample Name: S2 Acquired: 11/11/2024 14:08:42 Type: Cal
Method: NON EPA-6010-200.7(v2467) 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	.04378	.05333	.18711	.06968	.15068	.12588	6.0179	.16045
Stddev	.00024	.00052	.00030	.00011	.00061	.00030	.0068	.00023
%RSD	.54827	.98037	.15867	.15695	.40477	.24048	.11355	.14590

#1	.04351	.05297	.18686	.06964	.15049	.12557	6.0149	.16023
#2	.04386	.05308	.18703	.06981	.15018	.12589	6.0257	.16041
#3	.04397	.05393	.18744	.06960	.15136	.12617	6.0130	.16070

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	.84385	.22707	.02535	.35193	.16348	.00522	.29668	.06373
Stddev	.00142	.00128	.00002	.00005	.00054	.00000	.00100	.00027
%RSD	.16851	.56480	.06887	.01311	.32871	.06779	.33867	.42221

#1	.84295	.22606	.02536	.35190	.16330	.00521	.29606	.06376
#2	.84311	.22851	.02533	.35190	.16306	.00522	.29784	.06398
#3	.84549	.22663	.02537	.35198	.16409	.00522	.29615	.06344

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	.25213	.07091	.09160	.05238	1.4613	.02829	.30439	.63017
Stddev	.00051	.00013	.00043	.00009	.0039	.00028	.00054	.00155
%RSD	.20242	.18882	.46574	.17316	.26966	.98104	.17867	.24645

#1	.25180	.07094	.09174	.05248	1.4630	.02801	.30404	.62936
#2	.25187	.07103	.09194	.05236	1.4642	.02857	.30411	.62918
#3	.25272	.07077	.09112	.05230	1.4568	.02829	.30501	.63196

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	.08893	.45771	.00558	.02073	.01908	.36557	12.684	
Stddev	.00024	.00145	.00002	.00007	.00013	.00119	.021	
%RSD	.26675	.31718	.33874	.35863	.69767	.32644	.16492	

#1	.08866	.45665	.00556	.02065	.01912	.36694	12.661	
#2	.08900	.45936	.00559	.02077	.01893	.36472	12.703	
#3	.08912	.45710	.00559	.02078	.01919	.36506	12.687	

Sample Name: S2 Acquired: 11/11/2024 14:08:42 Type: Cal
Method: NON EPA-6010-200.7(v2467) 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	2856.4	61807.	13221.	2119.3	4553.6
Stddev	7.0	114.	23.	8.5	11.1
%RSD	.24405	.18489	.17319	.40341	.24295
#1	2854.7	61827.	13222.	2122.1	4547.9
#2	2864.0	61684.	13198.	2109.8	4566.4
#3	2850.4	61910.	13243.	2126.2	4546.6

Sample Name: S3 Acquired: 11/11/2024 14:12:53 Type: Cal
Method: NON EPA-6010-200.7(v2467) 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	.13399	.16117	.57161	.21337	.45768	.38209	17.922	.48806
Stddev	.00007	.00228	.00113	.00045	.00130	.00045	.087	.00181
%RSD	.05023	1.4176	.19803	.21282	.28308	.11819	.48420	.37113
#1	.13392	.15854	.57036	.21292	.45714	.38261	17.863	.49015
#2	.13405	.16229	.57257	.21337	.45673	.38181	18.022	.48708
#3	.13400	.16267	.57189	.21383	.45916	.38186	17.882	.48694
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.5976	.68089	.07561	1.0741	.49048	.01563	.88235	.19418
Stddev	.0027	.00180	.00015	.0011	.00098	.00008	.00320	.00128
%RSD	.10391	.26446	.19560	.10296	.19967	.49385	.36321	.66114
#1	2.5990	.67895	.07554	1.0743	.49002	.01556	.88171	.19271
#2	2.5992	.68123	.07578	1.0751	.48981	.01561	.87951	.19506
#3	2.5945	.68250	.07551	1.0729	.49160	.01571	.88582	.19478
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	.76918	.21687	.21203	.15982	4.3596	.08465	.91870	1.9023
Stddev	.00087	.00040	.00101	.00047	.0188	.00056	.00110	.0039
%RSD	.11339	.18331	.47542	.29235	.43235	.65657	.12005	.20501
#1	.76878	.21641	.21273	.15954	4.3740	.08434	.91935	1.9007
#2	.77018	.21716	.21087	.15956	4.3383	.08433	.91933	1.8994
#3	.76859	.21703	.21248	.16036	4.3665	.08530	.91743	1.9068
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	.27110	1.3750	.01684	.06757	.05905	1.1190	37.853	
Stddev	.00078	.0040	.00014	.00030	.00028	.0100	.187	
%RSD	.28830	.29282	.80451	.44777	.47044	.89678	.49336	
#1	.27021	1.3753	.01670	.06772	.05874	1.1232	37.718	
#2	.27167	1.3708	.01686	.06777	.05926	1.1075	38.066	
#3	.27143	1.3788	.01697	.06722	.05916	1.1262	37.776	

Sample Name: S3 Acquired: 11/11/2024 14:12:53 Type: Cal
Method: NON EPA-6010-200.7(v2467) 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	2863.3	62549.	13501.	2114.5	4474.1
Stddev	6.9	127.	37.	12.4	1.6
%RSD	.23926	.20287	.27733	.58461	.03511
#1	2859.3	62695.	13467.	2105.7	4473.7
#2	2871.2	62487.	13495.	2128.6	4475.8
#3	2859.4	62465.	13541.	2109.1	4472.8

Sample Name: S4 Acquired: 11/11/2024 14:17:15 Type: Cal
Method: NON EPA-6010-200.7(v2467) 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	.25957	.30269	1.0985	.41296	.88823	.73166	33.756	.92659
Stddev	.00238	.00574	.0085	.00310	.00548	.00050	.062	.00149
%RSD	.91536	1.8950	.77611	.75069	.61750	.06867	.18319	.16080
#1	.26216	.30764	1.1071	.41619	.89374	.73223	33.686	.92831
#2	.25903	.29640	1.0983	.41269	.88817	.73149	33.802	.92586
#3	.25750	.30402	1.0901	.41001	.88277	.73126	33.781	.92561
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.0495	1.2942	.14243	2.0814	.93151	.02949	1.6614	.37663
Stddev	.0429	.0053	.00021	.0169	.00772	.00014	.0079	.00230
%RSD	.85017	.41367	.15062	.81211	.82900	.46394	.47483	.61087
#1	5.0909	1.2924	.14218	2.0983	.93900	.02949	1.6603	.37518
#2	5.0522	1.3002	.14251	2.0814	.93196	.02963	1.6698	.37928
#3	5.0052	1.2899	.14259	2.0645	.92358	.02936	1.6541	.37543
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	1.4834	.41490	.38340	.30674	8.2498	.16155	1.7513	3.6404
Stddev	.0130	.00092	.00435	.00127	.0293	.00080	.0012	.0306
%RSD	.87538	.22190	1.1345	.41495	.35541	.49343	.07064	.84009
#1	1.4963	.41547	.38651	.30573	8.2761	.16195	1.7526	3.6724
#2	1.4837	.41538	.38525	.30817	8.2553	.16206	1.7502	3.6372
#3	1.4703	.41383	.37843	.30632	8.2182	.16063	1.7512	3.6115
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	.52329	2.6204	.03272	.13516	.11712	2.1609	70.223	
Stddev	.00394	.0055	.00018	.00095	.00085	.0113	.498	
%RSD	.75302	.21093	.54658	.70381	.72235	.52429	.70968	
#1	.52758	2.6215	.03253	.13625	.11803	2.1658	69.655	
#2	.52246	2.6254	.03288	.13469	.11637	2.1690	70.426	
#3	.51984	2.6145	.03276	.13453	.11696	2.1480	70.587	

Sample Name: S4 Acquired: 11/11/2024 14:17:15 Type: Cal
Method: NON EPA-6010-200.7(v2467) 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	2867.2	63493.	13704.	2104.2	4398.2
Stddev	20.7	196.	22.	10.3	32.1
%RSD	.72064	.30808	.15970	.49067	.73001
#1	2847.9	63418.	13701.	2095.2	4368.0
#2	2864.6	63346.	13684.	2102.1	4394.7
#3	2889.0	63715.	13727.	2115.5	4431.9

Sample Name: S5 Acquired: 11/11/2024 14:21:30 Type: Cal
Method: NON EPA-6010-200.7(v2467) 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	.53885	.58647	2.2425	.85443	1.8488	1.4813	66.825	1.8039
Stddev	.00210	.01898	.0062	.00310	.0006	.0010	.567	.0185
%RSD	.38974	3.2361	.27560	.36303	.03481	.06788	.84799	1.0230
#1	.54075	.60834	2.2454	.85784	1.8490	1.4821	67.472	1.8237
#2	.53659	.57682	2.2354	.85177	1.8481	1.4802	66.415	1.7872
#3	.53920	.57427	2.2466	.85369	1.8493	1.4816	66.588	1.8007
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	10.325	2.5629	.28214	4.2868	1.8946	.05992	3.2687	.75665
Stddev	.037	.0084	.00046	.0121	.0029	.00044	.0131	.00378
%RSD	.35883	.32747	.16185	.28292	.15133	.73327	.39994	.49900
#1	10.344	2.5653	.28246	4.2920	1.8945	.05943	3.2765	.75678
#2	10.283	2.5535	.28233	4.2729	1.8918	.06029	3.2536	.75281
#3	10.349	2.5698	.28162	4.2955	1.8975	.06003	3.2760	.76036
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	3.0356	.84163	.76963	.61114	16.300	.33447	3.4051	7.4003
Stddev	.0105	.00104	.00157	.00188	.055	.00226	.0327	.0152
%RSD	.34524	.12317	.20418	.30793	.33774	.67569	.96098	.20498
#1	3.0389	.84266	.77054	.61228	16.280	.33189	3.4379	7.4133
#2	3.0239	.84164	.77054	.60897	16.362	.33608	3.3724	7.3836
#3	3.0440	.84058	.76782	.61218	16.258	.33545	3.4049	7.4039
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	1.0618	5.2326	.06870	.28212	.24727	4.3454	136.90	
Stddev	.0058	.0188	.00089	.00124	.00174	.0286	.68	
%RSD	.54925	.35875	1.2980	.43972	.70390	.65897	.49330	
#1	1.0677	5.2470	.06769	.28339	.24913	4.3714	137.11	
#2	1.0560	5.2114	.06900	.28091	.24569	4.3147	136.14	
#3	1.0618	5.2394	.06939	.28208	.24700	4.3501	137.44	

Sample Name: S5 Acquired: 11/11/2024 14:21:30 Type: Cal
Method: NON EPA-6010-200.7(v2467) 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	2655.2	60363.	13459.	1954.2	4019.5
Stddev	5.7	160.	91.	12.5	5.6
%RSD	.21296	.26444	.67501	.64200	.13891
#1	2661.7	60492.	13362.	1963.8	4025.0
#2	2652.3	60185.	13542.	1940.0	4019.6
#3	2651.7	60414.	13475.	1958.9	4013.9

Sample Name: ICV01 Acquired: 11/11/2024 14:25:42 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	1.043284	1.090807	1.026650	1.054391	1.016761	2.615747
Stddev	.009146	.013560	.000851	.005790	.004079	.006657
%RSD	.8766189	1.243091	.0829060	.5491564	.4011319	.2544880
#1	1.050179	1.087162	1.026144	1.058822	1.020222	2.613571
#2	1.046764	1.105817	1.026173	1.056510	1.017796	2.610451
#3	1.032909	1.079442	1.027633	1.047839	1.012264	2.623220
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5309964	.5229741	.5092198	10.33559	.5259832	.5185200
Stddev	.0008445	.0009038	.0001182	.03588	.0009974	.0004792
%RSD	.1590397	.1728153	.0232168	.3471231	.1896227	.0924236
#1	.5301692	.5238436	.5093335	10.29602	.5249419	.5185451
#2	.5318572	.5230390	.5090975	10.36600	.5269300	.5189862
#3	.5309629	.5220396	.5092284	10.34476	.5260776	.5180287
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5342801	10.25365	.5315498	6.117100	.5198094	.2604740
Stddev	.0016609	.05032	.0013467	.043582	.0006860	.0003793
%RSD	.3108751	.4907118	.2533614	.7124599	.1319780	.1456051
#1	.5360320	10.19723	.5300130	6.075204	.5192759	.2604178
#2	.5340798	10.26981	.5325239	6.162192	.5195689	.2608783
#3	.5327283	10.29389	.5321125	6.113904	.5205833	.2601260
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.452369	.5110632	1.061996	10.13397	2.346740	2.495962
Stddev	.012987	.0011396	.003657	.03012	.004632	.003410
%RSD	.1373929	.2229842	.3443712	.2972499	.1973976	.1366082
#1	9.455026	.5097479	1.064938	10.16783	2.351940	2.498585
#2	9.463822	.5117558	1.063149	10.11016	2.343054	2.497193
#3	9.438260	.5116858	1.057901	10.12391	2.345226	2.492108

Sample Name: ICV01 Acquired: 11/11/2024 14:25:42 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	2.368569	2.421521	F 1.895440	F .0001587	F -.017271	F .0029124
Stddev	.002048	.003054	.013095	.0003134	.002648	.0006629
%RSD	.0864528	.1261030	.6908877	197.4500	15.33046	22.76050
#1	2.368464	2.418142	1.880891	.0004841	-.016840	.0033314
#2	2.370666	2.424081	1.906281	-.000141	-.020109	.0021482
#3	2.366575	2.422341	1.899150	.000133	-.014866	.0032577

Elem	Sr4077
Units	ppm
Avg	F -.008773
Stddev	.000053
%RSD	.6053470
#1	-.008713
#2	-.008790
#3	-.008815

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2771.369	61310.16	13451.57	2007.525	4449.116
Stddev	5.438	113.88	40.20	5.052	1.971
%RSD	.1962172	.1857513	.2988154	.2516335	.0443059
#1	2765.134	61375.77	13429.76	2005.748	4448.083
#2	2775.128	61178.66	13426.99	2003.602	4451.389
#3	2773.845	61376.05	13497.96	2013.225	4447.875

Sample Name: LLICV01 Acquired: 11/11/2024 14:47:32 Type: Unk
Method: NON EPA-6010-200.7(v2467) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0173957	.0376133	.0112533	.0197521	.0473063	.0965309
Stddev	.0004097	.0011018	.0006574	.0016651	.0007395	.0047056
%RSD	2.355364	2.929269	5.841489	8.429832	1.563129	4.874689
#1	.0170056	.0363725	.0119174	.0215761	.0481535	.1007483
#2	.0173590	.0379905	.0112396	.0193668	.0467906	.0914553
#3	.0178226	.0384770	.0106029	.0183135	.0469747	.0973892
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0931493	.0054052	.0061692	1.869560	.0085787	.0273935
Stddev	.0010314	.0000285	.0000643	.021858	.0003304	.0001237
%RSD	1.107218	.5276429	1.042199	1.169170	3.851304	.4514541
#1	.0936488	.0053892	.0062030	1.872420	.0081998	.0273809
#2	.0919632	.0053883	.0062095	1.846412	.0087297	.0272766
#3	.0938357	.0054381	.0060950	1.889847	.0088066	.0275230
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0214239	.0985224	.0187796	1.858492	.0361255	.0102261
Stddev	.0004370	.0031390	.0004010	.013132	.0002321	.0002523
%RSD	2.039824	3.186069	2.135411	.7065974	.6423536	2.467447
#1	.0218236	.0949175	.0191526	1.853928	.0363790	.0105168
#2	.0209573	.0999986	.0183555	1.848251	.0359237	.0100640
#3	.0214909	.1006512	.0188308	1.873298	.0360738	.0100976
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.386950	.0374229	.0420745	1.858050	.0895778	.1975584
Stddev	.052492	.0005645	.0004236	.010774	.0001805	.0004079
%RSD	2.199119	1.508417	1.006765	.5798735	.2015179	.2064778
#1	2.329634	.0368673	.0420588	1.845645	.0895912	.1974504
#2	2.398532	.0374054	.0425057	1.865078	.0897513	.1972154
#3	2.432684	.0379959	.0416590	1.863426	.0893910	.1980095

Sample Name: LLICV01 Acquired: 11/11/2024 14:47:32 Type: Unk
Method: NON EPA-6010-200.7(v2467) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0344170	F .1831646	.3342161	F .0142263	F .3285291	.0162831
Stddev	.0003818	.0010350	.0088527	.0006624	.0014915	.0015380
%RSD	1.109324	.5650844	2.648786	4.656227	.4539883	9.445341
#1	.0347171	.1831531	.3369953	.0147827	.3284016	.0170698
#2	.0339873	.1821354	.3243073	.0144027	.3271055	.0172685
#3	.0345466	.1842053	.3413457	.0134936	.3300803	.0145109

Elem	Sr4077
Units	ppm
Avg	.0190919
Stddev	.0000871
%RSD	.4561337
#1	.0190937
#2	.0190040
#3	.0191781

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2888.617	62933.21	14474.31	2066.705	4799.012
Stddev	9.268	207.35	75.94	10.936	12.873
%RSD	.3208486	.3294801	.5246576	.5291618	.2682348
#1	2878.356	63084.89	14469.63	2066.278	4786.439
#2	2896.382	63017.81	14552.49	2077.849	4812.165
#3	2891.112	62696.94	14400.82	2055.989	4798.432

Sample Name: ICB01 Acquired: 11/11/2024 14:52:59 Type: Unk
Method: NON EPA-6010-200.7(v2467) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002864	.0006875	.0004774	.0000194	.0002759	-.001273
Stddev	.001047	.0016212	.0008522	.0011649	.0009927	.004393
%RSD	36.55583	235.7883	178.5028	6017.809	359.7500	345.1435
#1	-.003752	.0024567	.0014283	-.001325	.0012214	.003149
#2	-.003132	.0003329	.0002211	.000722	.0003645	-.001332
#3	-.001710	-.000727	-.000217	.000661	-.000758	-.005636
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002657	.0000689	-.000023	-.031016	-.002232	.0000407
Stddev	.000107	.0000625	.000034	.001776	.000300	.0000915
%RSD	4.011127	90.69949	147.4574	5.725251	13.43254	224.9023
#1	-.002711	.0000037	.000016	-.032152	-.002533	.0001300
#2	-.002534	.0001282	-.000047	-.028970	-.002231	-.000053
#3	-.002726	.0000747	-.000038	-.031927	-.001933	.000045
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000477	-.013316	-.000369	.0021229	-.000827	.0003993
Stddev	.000165	.002171	.000086	.0105260	.000236	.0000802
%RSD	34.58687	16.30271	23.29453	495.8300	28.52886	20.07767
#1	-.000643	-.013233	-.000468	-.002295	-.000577	.0003506
#2	-.000313	-.015527	-.000320	.014138	-.000858	.0003554
#3	-.000475	-.011188	-.000319	-.005475	-.001046	.0004918
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.920602	-.000121	-.001322	-.097144	-.004003	-.000242
Stddev	.049557	.001083	.000211	.010089	.000340	.000063
%RSD	5.383072	892.5022	15.97600	10.38588	8.495012	25.91913
#1	-.977826	.000781	-.001556	-.094754	-.004203	-.000224
#2	-.891919	-.001323	-.001146	-.108214	-.003610	-.000311
#3	-.892063	.000178	-.001263	-.088465	-.004195	-.000189

Sample Name: ICB01 Acquired: 11/11/2024 14:52:59 Type: Unk
Method: NON EPA-6010-200.7(v2467) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003066	.0002903	-.009111	-.003880	F -.010881	-.000219
Stddev	.000218	.0001630	.003460	.001042	.001574	.000954
%RSD	7.115577	56.15542	37.97630	26.86025	14.46845	434.9016
#1	-.003282	.0002535	-.012404	-.004477	-.012667	-.001131
#2	-.002846	.0004686	-.005505	-.004485	-.010285	-.000299
#3	-.003069	.0001489	-.009424	-.002676	-.009692	.000772

Elem	Sr4077
Units	ppm
Avg	-.000005
Stddev	.000011
%RSD	218.7346
#1	-.000015
#2	-.000008
#3	.000007

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2864.210	62369.06	14239.37	2026.939	4850.092
Stddev	11.134	215.23	9.10	7.264	13.679
%RSD	.3887194	.3450876	.0638777	.3583586	.2820303
#1	2851.569	62156.43	14238.71	2032.647	4835.302
#2	2868.500	62363.96	14230.62	2018.763	4852.685
#3	2872.561	62586.79	14248.78	2029.407	4862.289

Sample Name: CRI01 Acquired: 11/11/2024 14:59:05 Type: Unk
Method: NON EPA-6010-200.7(v2467) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0175351	.0378443	.0108830	.0208260	.0472823	.1031447
Stddev	.0012437	.0022428	.0006133	.0006468	.0014772	.0031184
%RSD	7.092851	5.926478	5.635379	3.105931	3.124128	3.023354
#1	.0161281	.0359788	.0110118	.0200848	.0466314	.1012615
#2	.0179889	.0403327	.0102155	.0211167	.0462423	.1067443
#3	.0184881	.0372212	.0114216	.0212765	.0489731	.1014285
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0930006	.0054018	.0061661	1.870859	.0085033	.0272594
Stddev	.0003296	.0000817	.0000501	.014567	.0001494	.0001355
%RSD	.3544015	1.512267	.8129335	.7786487	1.757227	.4971064
#1	.0930325	.0053171	.0062109	1.854318	.0083498	.0272419
#2	.0926562	.0054800	.0061120	1.876485	.0086483	.0271335
#3	.0933131	.0054083	.0061754	1.881775	.0085119	.0274028
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0207310	.0928213	.0189046	1.848033	.0361610	.0099520
Stddev	.0004275	.0045925	.0000187	.013221	.0003543	.0001646
%RSD	2.062322	4.947661	.0988350	.7154245	.9797886	1.653622
#1	.0204128	.0967137	.0188965	1.840629	.0358064	.0098106
#2	.0205632	.0877562	.0189259	1.863298	.0361615	.0099128
#3	.0212170	.0939941	.0188913	1.840173	.0365150	.0101327
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.575157	.0369377	.0410628	1.747725	.0887355	.1976591
Stddev	.027510	.0012686	.0005017	.007822	.0004960	.0022867
%RSD	1.068280	3.434289	1.221769	.4475704	.5589574	1.156879
#1	2.581293	.0372203	.0416389	1.756550	.0881813	.1962226
#2	2.545097	.0380411	.0407225	1.741647	.0888873	.1964588
#3	2.599081	.0355517	.0408269	1.744977	.0891378	.2002960

Sample Name: CRI01 Acquired: 11/11/2024 14:59:05 Type: Unk
Method: NON EPA-6010-200.7(v2467) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0350577	F .1841148	.3165941	.0152235	F .3278481	.0166759
Stddev	.0010068	.0006415	.0009798	.0011839	.0019180	.0004650
%RSD	2.871779	.3484475	.3094710	7.776471	.5850110	2.788211
#1	.0352678	.1836046	.3168975	.0143091	.3267831	.0170271
#2	.0339624	.1839049	.3154985	.0148007	.3266989	.0168520
#3	.0359428	.1848350	.3173863	.0165607	.3300622	.0161486

Elem	Sr4077
Units	ppm
Avg	.0192130
Stddev	.0000260
%RSD	.1354757
#1	.0192430
#2	.0191966
#3	.0191995

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2891.623	65735.75	14343.60	2110.185	4803.657
Stddev	31.146	173.21	37.96	1.991	41.779
%RSD	1.077117	.2634975	.2646227	.0943285	.8697284
#1	2909.996	65803.06	14376.40	2108.808	4825.066
#2	2909.211	65865.20	14302.02	2112.468	4830.392
#3	2855.661	65538.99	14352.39	2109.281	4755.513

Sample Name: ICSA01 Acquired: 11/11/2024 15:04:18 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	.0048705	.0012889	.0082833	-.019732	-.001952	255.7180
Stddev	.0016997	.0031153	.0008299	.004841	.001611	.7215
%RSD	34.89679	241.6989	10.01931	24.53167	82.52000	.2821471
#1	.0066932	.0046273	.0077311	-.022606	-.001653	255.0604
#2	.0033289	.0007801	.0078812	-.022446	-.000512	256.4898
#3	.0045895	-.001541	.0092377	-.014143	-.003693	255.6038
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027381	.0014253	.0069944	235.5197	.0521893	.0023356
Stddev	.0002541	.0000713	.0001129	.5209	.0005778	.0000730
%RSD	9.281538	5.004741	1.613426	.2211900	1.107157	3.124669
#1	.0024881	.0014499	.0068708	236.0996	.0525706	.0022537
#2	.0027301	.0013449	.0070919	235.3682	.0524728	.0023594
#3	.0029962	.0014811	.0070207	235.0912	.0515245	.0023937
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0153261	100.1594	.0022874	258.1688	.0021409	-.001257
Stddev	.0012284	.1245	.0002742	.4365	.0004613	.000127
%RSD	8.015245	.1242571	11.98865	.1690799	21.54752	10.13281
#1	.0147014	100.0626	.0024054	258.6313	.0019945	-.001402
#2	.0167413	100.1158	.0019739	258.1112	.0026577	-.001163
#3	.0145356	100.2998	.0024829	257.7640	.0017706	-.001207
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.318137	.0047945	-.001455	-.027301	F -.288510	-.000369
Stddev	.053087	.0005183	.000260	.018071	.001916	.000346
%RSD	16.68669	10.81098	17.86933	66.19324	.6639462	93.84280
#1	-.376626	.0047334	-.001190	-.038436	-.290575	-.000449
#2	-.304780	.0043094	-.001466	-.037017	-.288164	-.000668
#3	-.273004	.0053406	-.001709	-.006450	-.286791	.000010

Sample Name: ICSA01 Acquired: 11/11/2024 15:04:18 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	-0.006293	-0.001208	-0.001274	-0.000349	F -0.024105	F .0419101
Stddev	.001467	.000766	.005627	.000513	.007586	.0025789
%RSD	23.30445	63.40621	441.5798	147.0537	31.47020	6.153461
#1	-0.006118	-0.000521	-0.007006	.000231	-0.032692	.0396577
#2	-0.004922	-0.002035	-0.001057	-0.000743	-0.021310	.0447233
#3	-0.007840	-0.001070	.004241	-0.000535	-0.018313	.0413494

Elem	Sr4077
Units	ppm
Avg	.0013272
Stddev	.0003776
%RSD	28.45266
#1	.0015776
#2	.0008928
#3	.0015111

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2500.054	55265.68	13523.73	1785.208	3748.862
Stddev	5.988	163.29	36.08	13.033	8.759
%RSD	.2395348	.2954630	.2667774	.7300535	.2336403
#1	2496.886	55403.44	13492.61	1798.685	3741.099
#2	2506.961	55085.31	13515.30	1784.268	3758.358
#3	2496.314	55308.29	13563.28	1772.671	3747.129

Sample Name: ICSAB01 Acquired: 11/11/2024 15:08:39 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	.1152871	.0914876	.0563019	.0325784	.6209411	255.7490
Stddev	.0055154	.0015080	.0020969	.0037241	.0041228	1.6002
%RSD	4.784040	1.648362	3.724325	11.43134	.6639536	.6256932

#1	.1089543	.0898168	.0581118	.0288386	.6251087	257.5212
#2	.1178694	.0918981	.0540041	.0362867	.6168647	255.3160
#3	.1190377	.0927479	.0567898	.0326098	.6208501	254.4099

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4993782	.4922505	.9830532	234.7941	.5410303	.5012073
Stddev	.0011539	.0016228	.0001170	.5086	.0008820	.0004905
%RSD	.2310736	.3296790	.0119008	.2166311	.1630304	.0978640

#1	.4987158	.4941153	.9831760	235.3302	.5406796	.5017471
#2	.4987081	.4911586	.9829431	234.3183	.5420338	.5010859
#3	.5007106	.4914775	.9830405	234.7338	.5403776	.5007888

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5025040	100.5776	.4807043	257.3612	.9883650	.2009268
Stddev	.0003147	.4659	.0012125	.6100	.0018584	.0001664
%RSD	.0626283	.4631901	.2522264	.2370207	.1880299	.0828134

#1	.5028673	100.1414	.4815686	258.0279	.9876102	.2010376
#2	.5023153	100.5229	.4812259	256.8309	.9870028	.2010074
#3	.5023294	101.0683	.4793183	257.2249	.9904821	.2007355

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.382641	.4841174	.8338965	-.038480	.8535440	.9438333
Stddev	.083409	.0027472	.0022634	.011861	.0029268	.0015081
%RSD	21.79814	.5674601	.2714207	30.82235	.3429053	.1597891

#1	-.467369	.4860925	.8362163	-.048620	.8567226	.9450804
#2	-.379934	.4809801	.8337792	-.041383	.8509604	.9442625
#3	-.300618	.4852795	.8316941	-.025438	.8529489	.9421571

Sample Name: ICSAB01 Acquired: 11/11/2024 15:08:39 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	.8960211	.8814092	F .7821241	F -.001323	F -.020100	F .0412238
Stddev	.0008275	.0013667	.0095456	.004457	.002938	.0008207
%RSD	.0923518	.1550642	1.220477	336.8499	14.61580	1.990876
#1	.8957816	.8819642	.7764783	.002151	-.021010	.0406778
#2	.8953397	.8798522	.7767488	.000228	-.022475	.0408260
#3	.8969419	.8824111	.7931454	-.006349	-.016815	.0421676

Elem	Sr4077
Units	ppm
Avg	F .0009027
Stddev	.0004493
%RSD	49.76833
#1	.0014079
#2	.0007525
#3	.0005479

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2470.245	54789.80	13532.89	1769.836	3722.060
Stddev	6.576	54.54	57.09	6.784	8.224
%RSD	.2662222	.0995490	.4218597	.3833330	.2209663
#1	2462.654	54780.55	13469.40	1762.365	3713.263
#2	2473.882	54740.48	13549.26	1775.613	3729.557
#3	2474.200	54848.38	13580.00	1771.529	3723.359

Sample Name: CCV01 Acquired: 11/11/2024 15:14:46 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	4.908608	4.794339	4.824475	5.021013	4.987331	9.725240	9.465405
Stddev	.001973	.056449	.006499	.004258	.008090	.019748	.091116
%RSD	.0401890	1.177410	.1346997	.0848008	.1622155	.2030607	.9626211
#1	4.907926	4.734336	4.819487	5.018445	4.996394	9.740872	9.534386
#2	4.910831	4.846392	4.822114	5.025928	4.980840	9.703046	9.362115
#3	4.907066	4.802290	4.831824	5.018667	4.984758	9.731803	9.499714
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2365168	2.383128	23.57438	.9532361	2.404155	1.245941	4.986992
Stddev	.0007298	.003996	.09416	.0015284	.002893	.001461	.030430
%RSD	.3085525	.1676755	.3994275	.1603373	.1203163	.1172749	.6101814
#1	.2373080	2.378540	23.54364	.9540225	2.401177	1.247057	4.958527
#2	.2358700	2.384997	23.49944	.9542112	2.404334	1.244287	4.983386
#3	.2363724	2.385847	23.68008	.9514746	2.406954	1.246480	5.019065
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.344137	23.70011	2.409012	1.243590	26.02954	2.392360	2.533601
Stddev	.010061	.10996	.001733	.001717	.13604	.001013	.013306
%RSD	.4291805	.4639821	.0719293	.1380670	.5226196	.0423560	.5251778
#1	2.343946	23.70550	2.407749	1.245459	26.18427	2.391409	2.544573
#2	2.334173	23.58755	2.408300	1.242083	25.97563	2.392246	2.537429
#3	2.354291	23.80728	2.410988	1.243228	25.92872	2.393426	2.518800
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.61452	4.533588	5.004696	4.765302	4.731408	5.118256	5.025163
Stddev	.04030	.018136	.002296	.009743	.011844	.001319	.014910
%RSD	.1573309	.4000284	.0458753	.2044565	.2503169	.0257779	.2967062
#1	25.66104	4.546673	5.004248	4.754333	4.738732	5.117746	5.008161
#2	25.59022	4.512886	5.002657	4.768620	4.717744	5.119755	5.036009
#3	25.59231	4.541204	5.007183	4.772953	4.737748	5.117268	5.031319

Sample Name: CCV01 Acquired: 11/11/2024 15:14:46 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	4.727095	4.651761	4.857140
Stddev	.016488	.018009	.033998
%RSD	.3488025	.3871353	.6999694

#1	4.711682	4.670632	4.819621
#2	4.744481	4.634760	4.865890
#3	4.725122	4.649891	4.885908

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2687.198	58903.63	13930.80	1915.620	4215.170
Stddev	8.084	103.45	48.88	10.411	8.393
%RSD	.3008253	.1756287	.3508807	.5434800	.1991130

#1	2677.924	58802.75	13897.58	1904.024	4205.846
#2	2692.755	59009.47	13986.93	1918.670	4222.121
#3	2690.915	58898.65	13907.90	1924.165	4217.542

Sample Name: CCB01 Acquired: 11/11/2024 15:23:08 Type: Unk
Method: NON EPA-6010-200.7(v2467) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003315	-.000599	-.000221	-.001231	.0015297	-.004682
Stddev	.001956	.000425	.000533	.000323	.0009839	.002247
%RSD	59.01520	70.82869	241.1479	26.21249	64.32068	47.98379

#1	-.001082	-.001078	.000318	-.001597	.0014863	-.007268
#2	-.004728	-.000269	-.000234	-.001108	.0005682	-.003207
#3	-.004136	-.000450	-.000748	-.000988	.0025347	-.003572

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002160	.0000959	.0000279	-.047154	-.001789	.0000514
Stddev	.000260	.0000335	.0000252	.008176	.000142	.0001922
%RSD	12.02727	34.98262	90.02429	17.33884	7.951285	374.0989

#1	-.002434	.0001178	.0000333	-.051804	-.001705	-.000153
#2	-.002130	.0000573	.0000006	-.051944	-.001710	.000228
#3	-.001917	.0001126	.0000500	-.037713	-.001954	.000079

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000495	-.012188	-.000589	-.003597	-.000516	.0003071
Stddev	.000068	.002198	.000154	.008025	.000030	.0000614
%RSD	13.68428	18.03280	26.23648	223.0854	5.834068	19.98629

#1	-.000550	-.009650	-.000412	-.010169	-.000481	.0003779
#2	-.000517	-.013446	-.000695	-.005969	-.000536	.0002753
#3	-.000420	-.013466	-.000659	.005346	-.000531	.0002682

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.895980	-.000489	-.003479	-.095694	-.000479	-.000438
Stddev	.042615	.000878	.000089	.015313	.000255	.000283
%RSD	4.756265	179.4735	2.563214	16.00229	53.33586	64.55097

#1	-.941512	.000147	-.003582	-.100779	-.000184	-.000305
#2	-.889376	-.000123	-.003426	-.078485	-.000628	-.000246
#3	-.857052	-.001492	-.003430	-.107818	-.000624	-.000762

Sample Name: CCB01 Acquired: 11/11/2024 15:23:08 Type: Unk
Method: NON EPA-6010-200.7(v2467) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002941	.0002555	-.011262	-.002677	F -.013592	.0000032
Stddev	.000461	.0004230	.001983	.000875	.001674	.0013707
%RSD	15.65872	165.5348	17.60906	32.67092	12.31226	42896.49
#1	-.002809	-.000052	-.012942	-.002974	-.012701	.0013773
#2	-.003453	.000738	-.009074	-.001693	-.012553	-.000004
#3	-.002561	.000081	-.011768	-.003365	-.015523	-.001364

Elem	Sr4077
Units	ppm
Avg	-.000010
Stddev	.000013
%RSD	134.4863
#1	.000001
#2	-.000025
#3	-.000005

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2863.864	64041.55	14253.46	2056.008	4834.970
Stddev	7.324	104.44	14.02	8.762	15.332
%RSD	.2557519	.1630760	.0983505	.4261885	.3170997
#1	2857.772	64099.04	14238.53	2066.012	4821.182
#2	2871.991	64104.61	14255.49	2052.324	4851.481
#3	2861.829	63921.00	14266.35	2049.690	4832.248

Sample Name: P4797-01 Acquired: 11/11/2024 15:28:59 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	.1145866	-.019384	2.136724	-.045279	.0011775	120.3084
Stddev	.0044973	.004064	.007798	.004618	.0009699	1.4354
%RSD	3.924791	20.96436	.3649385	10.19948	82.37031	1.193138
#1	.1125163	-.023734	2.142056	-.047179	.0013120	119.1940
#2	.1114973	-.015686	2.127774	-.048644	.0001474	119.8030
#3	.1197462	-.018732	2.140341	-.040014	.0020732	121.9282
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.116301	.0319977	.0439524	263.5458	.3952674	.1956220
Stddev	.026616	.0004190	.0006118	3.2006	.0032543	.0003464
%RSD	1.257688	1.309453	1.391921	1.214446	.8233160	.1770629
#1	2.101347	.0315776	.0446582	261.1288	.3915711	.1957911
#2	2.100524	.0320001	.0436260	262.3329	.3965291	.1952235
#3	2.147031	.0324155	.0435730	267.1756	.3977018	.1958513
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.306993	176.0225	3.047817	110.1967	.3362630	.0003806
Stddev	.005016	1.0895	.046062	1.5643	.0007986	.0000952
%RSD	.3837918	.6189404	1.511301	1.419554	.2374965	25.01171
#1	1.312745	174.8479	3.006937	108.6851	.3359956	.0002861
#2	1.304709	176.2196	3.038790	110.0962	.3356324	.0003792
#3	1.303526	176.9999	3.097724	111.8089	.3371610	.0004764
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	156.8717	.3941442	6.879647	27.22425	-.176410	.0164810
Stddev	.8336	.0047833	.004998	.10059	.002908	.0001606
%RSD	.5314126	1.213595	.0726480	.3695031	1.648416	.9744207
#1	155.9145	.3896547	6.875002	27.23812	-.177911	.0166521
#2	157.2625	.3936026	6.884936	27.11744	-.173059	.0163336
#3	157.4382	.3991752	6.879002	27.31719	-.178262	.0164572

Sample Name: P4797-01 Acquired: 11/11/2024 15:28:59 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	.0125811	1.179926	F 55.04755	F 24.45049	F 54.09138	.1637996
Stddev	.0011882	.015429	.14203	.15163	.61900	.0026199
%RSD	9.444209	1.307627	.2580183	.6201602	1.144357	1.599444
#1	.0113128	1.167672	54.91194	24.31928	54.76309	.1617640
#2	.0127621	1.174854	55.03548	24.41570	53.54396	.1628794
#3	.0136684	1.197253	55.19524	24.61650	53.96709	.1667554

Elem	Sr4077
Units	ppm
Avg	1.069722
Stddev	.004503
%RSD	.4209089
#1	1.065294
#2	1.069575
#3	1.074295

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3058.794	71068.09	17730.25	2199.542	3371.887
Stddev	14.813	157.35	135.42	17.965	16.480
%RSD	.4842603	.2214019	.7637593	.8167494	.4887334
#1	3046.325	70913.86	17839.17	2179.153	3354.729
#2	3054.890	71062.04	17772.95	2206.426	3373.341
#3	3075.168	71228.38	17578.63	2213.047	3387.592

Sample Name: P4701-04 Acquired: 11/11/2024 15:33:25 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	-.007828	-.013514	.0006237	.0022222	.0014182	.0569731	.8643090
Stddev	.002286	.002377	.0009291	.0005613	.0012150	.0068274	.0148336
%RSD	29.19713	17.58823	148.9794	25.25986	85.67500	11.98350	1.716233

#1	-.005215	-.016246	-.000401	.0017389	.0006034	.0515208	.8482865
#2	-.009454	-.011925	.000861	.0020899	.0008364	.0646305	.8670769
#3	-.008815	-.012370	.001411	.0028379	.0028147	.0547680	.8775636

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000756	.0005230	9.553661	.0003631	.0139971	.0029633	2.064901
Stddev	.000042	.0000251	.164450	.0001864	.0000898	.0000279	.027285
%RSD	5.498648	4.801218	1.721332	51.32194	.6417747	.9411498	1.321393

#1	-.000720	.0005468	9.385515	.0002150	.0141005	.0029503	2.033395
#2	-.000747	.0004968	9.561322	.0005723	.0139526	.0029444	2.080873
#3	-.000801	.0005255	9.714148	.0003020	.0139382	.0029953	2.080435

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.64957	.6564956	.0127976	.0001279	466.2953	-.001068	.0516474
Stddev	.19058	.0131118	.0002737	.0001273	3.5863	.000588	.0008352
%RSD	1.635912	1.997245	2.138428	99.54945	.7691141	55.07698	1.617138

#1	11.45004	.6436430	.0130871	.0002735	465.0886	-.001576	.0507308
#2	11.66896	.6559915	.0127627	.0000723	470.3293	-.001206	.0523653
#3	11.82971	.6698522	.0125431	.0000378	463.4679	-.000423	.0518461

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7606177	.0071587	-.000548	-.001849	.0009341	.9304426	.0049338
Stddev	.0015205	.0004489	.000331	.000475	.0001675	.0088807	.0035699
%RSD	.1999036	6.270191	60.42838	25.66335	17.93102	.9544583	72.35619

#1	.7616787	.0066733	-.000344	-.002396	.0007847	.9215290	.0042729
#2	.7588757	.0072437	-.000370	-.001552	.0011151	.9392900	.0017405
#3	.7612986	.0075589	-.000931	-.001599	.0009024	.9305089	.0087879

Sample Name: P4701-04 Acquired: 11/11/2024 15:33:25 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	.4580402	.0040234	.0480601
Stddev	.0091962	.0014532	.0008273
%RSD	2.007723	36.11861	1.721322

#1	.4648312	.0038037	.0471608
#2	.4617145	.0055739	.0482308
#3	.4475749	.0026925	.0487886

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2497.239	56771.23	13670.82	1812.131	3889.561
Stddev	17.618	659.74	175.95	25.428	33.853
%RSD	.7054820	1.162110	1.287017	1.403198	.8703544

#1	2478.600	57304.52	13856.85	1835.525	3852.112
#2	2499.501	56033.45	13648.53	1785.068	3898.581
#3	2513.617	56975.70	13507.08	1815.800	3917.991

Sample Name: CCV02 Acquired: 11/11/2024 15:37:53 Type: Unk
Method: NON EPA-6010-200.7(v2467) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.820929	5.397408	4.697813	4.989859	4.889340	9.393869
Stddev	.009248	.064289	.007116	.010146	.006685	.003622
%RSD	.1918239	1.191101	.1514733	.2033257	.1367246	.0385593
#1	4.810568	5.345463	4.689682	4.988267	4.889168	9.392936
#2	4.823873	5.377452	4.702904	4.980604	4.882743	9.390804
#3	4.828346	5.469308	4.700854	5.000707	4.896109	9.397866
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.091982	.2306559	2.324061	22.77573	.9307852	2.333493
Stddev	.057969	.0013190	.003133	.04949	.0039137	.003927
%RSD	.6375820	.5718328	.1348215	.2172713	.4204716	.1683014
#1	9.104004	.2320428	2.320552	22.78959	.9324519	2.329343
#2	9.028944	.2305076	2.326578	22.81681	.9335896	2.337151
#3	9.142997	.2294174	2.325055	22.72080	.9263140	2.333984
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.209758	4.942907	2.255071	22.84940	2.336784	1.231781
Stddev	.000843	.014169	.004421	.08396	.003122	.001150
%RSD	.0696643	.2866561	.1960636	.3674407	.1336195	.0933418
#1	1.209578	4.930674	2.258966	22.91241	2.333184	1.232760
#2	1.209020	4.939614	2.255981	22.88170	2.338418	1.230515
#3	1.210676	4.958432	2.250265	22.75409	2.338751	1.232068
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.30134	2.309482	2.476739	25.42681	F 4.443119	4.939929
Stddev	.14340	.003189	.007232	.07357	.013231	.006613
%RSD	.5452232	.1380786	.2919946	.2893235	.2977796	.1338785
#1	26.43023	2.310977	2.470894	25.36313	4.455896	4.939314
#2	26.32693	2.311648	2.474496	25.40996	4.443985	4.933644
#3	26.14687	2.305820	2.484827	25.50734	4.429477	4.946829

Sample Name: CCV02 Acquired: 11/11/2024 15:37:53 Type: Unk
Method: NON EPA-6010-200.7(v2467) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.678381	4.561519	5.202931	4.735734	4.666920	F 4.475226
Stddev	.007580	.008187	.016538	.012018	.014244	.013318
%RSD	.1620244	.1794734	.3178637	.2537774	.3052177	.2975843
#1	4.672143	4.569810	5.187716	4.721891	4.657210	4.489514
#2	4.676182	4.561306	5.200544	4.741808	4.660278	4.473008
#3	4.686817	4.553440	5.220533	4.743503	4.683272	4.463157

Elem	Sr4077
Units	ppm
Avg	4.683991
Stddev	.042182
%RSD	.9005629
#1	4.720963
#2	4.692966
#3	4.638044

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2732.948	58526.92	14202.46	1913.695	4289.792
Stddev	5.443	31.48	68.26	8.215	3.658
%RSD	.1991522	.0537903	.4806281	.4292744	.0852707
#1	2727.927	58493.55	14136.27	1920.002	4285.591
#2	2738.732	58556.09	14198.47	1916.677	4292.274
#3	2732.185	58531.12	14272.62	1904.405	4291.511

Sample Name: CCB02 Acquired: 11/11/2024 15:42:14 Type: Unk
Method: NON EPA-6010-200.7(v2468) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002019	-.001553	.0003260	-.000489	-.000250	-.000345
Stddev	.001548	.000557	.0005930	.001499	.000554	.003687
%RSD	76.65284	35.87958	181.8888	306.9435	221.7334	1069.315
#1	-.003623	-.001979	.0009951	-.002160	-.000597	.000952
#2	-.001898	-.000922	.0001177	.000740	.000389	-.004504
#3	-.000535	-.001757	-.000135	-.000046	-.000541	.002518
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001530	.0000758	.0000534	-.042647	-.001852	.0000727
Stddev	.000124	.0000380	.0000510	.004612	.000207	.0000727
%RSD	8.111972	50.15408	95.45368	10.81499	11.18449	100.0277
#1	-.001440	.0001052	.0001043	-.044414	-.002084	.0000024
#2	-.001478	.0000892	.0000023	-.046115	-.001785	.0001477
#3	-.001672	.0000329	.0000538	-.037413	-.001686	.0000681
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000586	-.012017	-.000389	-.001648	-.000645	.0003634
Stddev	.000235	.003674	.000072	.010640	.000221	.0002540
%RSD	40.13464	30.57475	18.48319	645.4458	34.24698	69.90706
#1	-.000459	-.008959	-.000441	-.008795	-.000491	.0001270
#2	-.000858	-.010999	-.000419	-.006731	-.000898	.0006320
#3	-.000442	-.016092	-.000307	.010580	-.000546	.0003311
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.938965	.0007305	-.003502	-.085369	.0017616	.0000033
Stddev	.048844	.0001198	.000167	.004723	.0006323	.0002305
%RSD	5.201886	16.39661	4.766151	5.532134	35.89055	7049.625
#1	-.988879	.0005923	-.003695	-.090794	.0021370	.0001111
#2	-.936749	.0007967	-.003409	-.083144	.0010317	.0001600
#3	-.891267	.0008026	-.003403	-.082170	.0021162	-.000261

Sample Name: CCB02 Acquired: 11/11/2024 15:42:14 Type: Unk
Method: NON EPA-6010-200.7(v2468) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002304	-.000002	-.009563	-.003057	F -.010471	-.000480
Stddev	.000379	.000311	.003930	.002184	.002681	.000768
%RSD	16.46951	13039.35	41.10080	71.45607	25.60094	159.8211
#1	-.002436	.000261	-.012287	-.004324	-.009033	.000013
#2	-.001876	-.000345	-.005057	-.004313	-.008816	-.000089
#3	-.002599	.000078	-.011344	-.000535	-.013564	-.001365

Elem	Sr4077
Units	ppm
Avg	.0000327
Stddev	.0000200
%RSD	61.01323
#1	.0000373
#2	.0000109
#3	.0000500

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2870.753	64328.55	14485.85	2063.842	4799.575
Stddev	10.305	115.72	19.99	12.300	11.765
%RSD	.3589522	.1798963	.1380259	.5959943	.2451320
#1	2859.606	64402.16	14483.02	2061.135	4786.997
#2	2879.932	64195.16	14507.11	2053.119	4810.310
#3	2872.719	64388.32	14467.43	2077.269	4801.418

Sample Name: P4791-02 Acquired: 11/11/2024 15:46:51 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	-.007295	-.009117	.0827071	-.000490	.0099357	5.610029
Stddev	.001092	.001440	.0015186	.001563	.0007222	.111322
%RSD	14.97266	15.79031	1.836094	319.0405	7.268331	1.984332
#1	-.007327	-.007877	.0818711	.000070	.0091202	5.481884
#2	-.008370	-.010695	.0844600	-.002256	.0104942	5.665341
#3	-.006187	-.008778	.0817902	.000716	.0101928	5.682861
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4730189	.0003639	.0025405	116.3437	.0363557	.0234217
Stddev	.0079584	.0000728	.0000366	2.5180	.0001582	.0004805
%RSD	1.682467	19.99949	1.442385	2.164293	.4352405	2.051409
#1	.4638296	.0003755	.0025189	113.4365	.0364017	.0229080
#2	.4775597	.0004302	.0025197	117.7557	.0364858	.0234971
#3	.4776676	.0002860	.0025828	117.8388	.0361795	.0238600
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3214237	25.34984	.5041986	16.14753	.0395369	.0004910
Stddev	.0043576	.13403	.0105459	.35531	.0003591	.0001840
%RSD	1.355719	.5287208	2.091607	2.200420	.9082318	37.47036
#1	.3165230	25.19508	.4920884	15.73776	.0392194	.0002923
#2	.3248619	25.42638	.5113596	16.33471	.0399266	.0005254
#3	.3228862	25.42807	.5091477	16.37012	.0394648	.0006554
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	173.8568	.0222423	4.259007	11.27483	.0331680	.0149991
Stddev	.1869	.0019290	.009383	.04286	.0003415	.0005838
%RSD	.1075179	8.672605	.2203212	.3801238	1.029663	3.892348
#1	173.6413	.0201135	4.249537	11.29112	.0334539	.0143267
#2	173.9531	.0227390	4.268302	11.22622	.0332601	.0153772
#3	173.9759	.0238744	4.259183	11.30716	.0327898	.0152933

Sample Name: P4791-02 Acquired: 11/11/2024 15:46:51 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	.0243256	.2493510	F 11.50908	1.380365	F 74.35475	.0491557
Stddev	.0001443	.0039694	.05560	.026374	1.15605	.0017616
%RSD	.5931389	1.591884	.4830873	1.910622	1.554774	3.583782
#1	.0242759	.2449281	11.45810	1.350192	73.02406	.0471273
#2	.0244881	.2526039	11.50078	1.399024	75.11175	.0503027
#3	.0242127	.2505210	11.56836	1.391878	74.92844	.0500371

Elem	Sr4077
Units	ppm
Avg	.4322399
Stddev	.0073390
%RSD	1.697902
#1	.4237655
#2	.4364724
#3	.4364818

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2342.214	52459.38	12953.04	1688.220	3663.405
Stddev	20.887	57.06	207.01	2.016	35.810
%RSD	.8917806	.1087698	1.598172	.1194325	.9775046
#1	2366.208	52498.65	13192.06	1686.228	3703.678
#2	2328.094	52485.55	12830.48	1690.260	3635.147
#3	2332.340	52393.92	12836.60	1688.172	3651.392

Sample Name: P4791-02DUP Acquired: 11/11/2024 15:51:00 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	-.005264	-.011631	.0836077	.0001207	.0084525	5.898965
Stddev	.003411	.003307	.0016576	.0036265	.0002287	.020401
%RSD	64.79522	28.43648	1.982572	3005.074	2.705623	.3458422
#1	-.006283	-.015442	.0853365	-.003501	.0086570	5.880091
#2	-.001460	-.009941	.0834548	.000112	.0082056	5.896193
#3	-.008050	-.009509	.0820319	.003752	.0084949	5.920610
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5043180	.0004064	.0023399	122.1143	.0381385	.0232779
Stddev	.0009349	.0000526	.0001709	.7948	.0003693	.0005266
%RSD	.1853842	12.94030	7.302027	.6508822	.9683131	2.262277
#1	.5044918	.0003543	.0025220	122.0287	.0382761	.0238843
#2	.5033084	.0004054	.0023148	121.3658	.0377202	.0229355
#3	.5051539	.0004595	.0021830	122.9485	.0384193	.0230140
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3192892	26.41183	.5306359	16.96241	.0388023	.0004862
Stddev	.0092983	.31808	.0018768	.09822	.0007227	.0000654
%RSD	2.912184	1.204315	.3536819	.5790213	1.862459	13.45608
#1	.3299093	26.37796	.5308447	16.98107	.0396367	.0005509
#2	.3153459	26.11203	.5286635	16.85620	.0383895	.0004877
#3	.3126123	26.74549	.5323995	17.04996	.0383806	.0004201
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	185.9938	.0229641	4.411026	11.79501	.0350770	.0153910
Stddev	1.5186	.0016447	.052232	.06365	.0013133	.0003555
%RSD	.8164940	7.161857	1.184120	.5396755	3.744124	2.310072
#1	185.7759	.0248499	4.405099	11.78287	.0345512	.0157840
#2	184.5960	.0222151	4.362010	11.73829	.0365717	.0152970
#3	187.6097	.0218272	4.465968	11.86386	.0341080	.0150918

Sample Name: P4791-02DUP Acquired: 11/11/2024 15:51:00 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	.0244311	.2638366	F 11.95221	1.377161	F 73.56068	.0506749
Stddev	.0006928	.0007005	.12285	.034545	1.40785	.0003875
%RSD	2.835762	.2655213	1.027824	2.508395	1.913869	.7647558
#1	.0249729	.2641867	11.94497	1.417049	75.17564	.0510593
#2	.0246700	.2630301	11.83315	1.357397	72.91433	.0506810
#3	.0236505	.2642931	12.07852	1.357036	72.59205	.0502843

Elem	Sr4077
Units	ppm
Avg	.4590560
Stddev	.0011557
%RSD	.2517453
#1	.4589211
#2	.4579737
#3	.4602731

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2345.978	50517.48	12306.45	1624.871	3678.362
Stddev	60.266	474.06	77.90	21.163	93.487
%RSD	2.568898	.9384129	.6329872	1.302460	2.541526
#1	2276.682	50285.64	12222.70	1613.527	3571.685
#2	2375.110	51062.85	12376.74	1649.288	3717.393
#3	2386.144	50203.96	12319.90	1611.798	3746.008

Sample Name: P4791-02LX5 Acquired: 11/11/2024 15:55:11 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	-.004835	-.002663	.0148437	.0026155	.0032739	1.069285
Stddev	.001273	.000961	.0008751	.0010665	.0015387	.007479
%RSD	26.32098	36.10847	5.895309	40.77471	46.99913	.6994409

#1	-.006228	-.003599	.0138608	.0014832	.0050060	1.061745
#2	-.003734	-.002711	.0155381	.0027624	.0027504	1.069408
#3	-.004541	-.001678	.0151322	.0036009	.0020652	1.076702

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0895879	.0001292	.0004933	21.61404	.0050786	.0044207
Stddev	.0001517	.0000232	.0000482	.16745	.0001478	.0003441
%RSD	.1693301	17.91772	9.776736	.7747135	2.909819	7.784387

#1	.0895755	.0001544	.0005329	21.50143	.0050715	.0048029
#2	.0894428	.0001246	.0005074	21.53422	.0052299	.0043238
#3	.0897454	.0001087	.0004396	21.80646	.0049346	.0041355

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0611585	4.568188	.0955416	3.027096	.0062419	.0003564
Stddev	.0005569	.034067	.0008080	.021789	.0002212	.0000591
%RSD	.9105336	.7457381	.8456700	.7198000	3.543335	16.57829

#1	.0608592	4.535800	.0950935	3.002043	.0064050	.0003211
#2	.0608154	4.565049	.0950569	3.037617	.0059901	.0003235
#3	.0618011	4.603716	.0964743	3.041629	.0063305	.0004246

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.89601	.0041721	.8052843	1.968640	.0039132	.0025339
Stddev	.18790	.0008404	.0033298	.023212	.0000257	.0001497
%RSD	.6502475	20.14332	.4134948	1.179113	.6557604	5.909070

#1	29.01054	.0044005	.8090640	1.985098	.0039340	.0024117
#2	28.99833	.0048747	.8040050	1.942090	.0038845	.0024891
#3	28.67916	.0032411	.8027838	1.978733	.0039211	.0027009

Sample Name: P4791-02LX5 Acquired: 11/11/2024 15:55:11 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	.0016069	.0479675	2.041228	.2342142	F 13.65605	.0099772
Stddev	.0007145	.0003607	.002926	.0005123	.07997	.0008391
%RSD	44.46399	.7520590	.1433338	.2187417	.5856201	8.410453
#1	.0008056	.0477396	2.041027	.2344344	13.67557	.0099283
#2	.0018376	.0477794	2.044249	.2336286	13.56813	.0091636
#3	.0021776	.0483834	2.038408	.2345796	13.72446	.0108397

Elem	Sr4077
Units	ppm
Avg	.0832417
Stddev	.0001566
%RSD	.1880987
#1	.0831180
#2	.0831893
#3	.0834177

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2629.586	59135.08	13861.23	1862.904	4300.676
Stddev	13.539	297.10	25.95	19.914	17.200
%RSD	.5148775	.5024123	.1871896	1.068960	.3999317
#1	2616.888	58839.00	13834.63	1839.935	4285.622
#2	2643.833	59133.06	13886.47	1873.448	4319.422
#3	2628.038	59433.19	13862.60	1875.329	4296.985

Sample Name: P4791-02MS Acquired: 11/11/2024 15:59:26 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	.7949950	1.940040	.9513786	1.967335	.7348181	7.458489
Stddev	.0043898	.034411	.0056528	.015428	.0053410	.042148
%RSD	.5521790	1.773718	.5941684	.7841947	.7268404	.5650961

#1	.8000394	1.979536	.9576889	1.984569	.7408322	7.436006
#2	.7920418	1.924053	.9467782	1.962625	.7329940	7.432349
#3	.7929038	1.916530	.9496686	1.954811	.7306282	7.507111

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6140184	.1845155	.1842224	106.4587	.4123664	.2089101
Stddev	.0029392	.0008280	.0013255	.9023	.0029863	.0015944
%RSD	.4786810	.4487574	.7195039	.8475663	.7241961	.7631821

#1	.6114517	.1843346	.1857377	106.1871	.4090640	.2105801
#2	.6133788	.1837928	.1832783	105.7235	.4131580	.2074041
#3	.6172247	.1854190	.1836510	107.4657	.4148772	.2087461

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5573298	24.58374	.8143171	16.46559	.5017408	.0654409
Stddev	.0042257	.20134	.0073824	.14804	.0037423	.0003974
%RSD	.7581975	.8190135	.9065713	.8990950	.7458596	.6073122

#1	.5622035	24.35236	.8119270	16.47924	.5055660	.0650321
#2	.5546891	24.67976	.8084260	16.31120	.4980873	.0658259
#3	.5550969	24.71910	.8225985	16.60634	.5015692	.0654648

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.1733	.3077120	3.960567	19.61924	.2527749	.4174820
Stddev	1.6627	.0011763	.022743	.21207	.0016703	.0028626
%RSD	1.092604	.3822581	.5742377	1.080918	.6607952	.6856777

#1	150.4139	.3080015	3.941845	19.39696	.2524939	.4207647
#2	153.7185	.3064180	3.985877	19.81936	.2512629	.4155055
#3	152.3874	.3087164	3.953980	19.64141	.2545679	.4161759

Sample Name: P4791-02MS Acquired: 11/11/2024 15:59:26 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	.6383028	.4242234	F 11.10506	6.905861	F 63.85045	.2173253
Stddev	.0059793	.0028367	.10308	.044157	.36040	.0020580
%RSD	.9367569	.6686688	.9282159	.6394203	.5644375	.9469742
#1	.6446649	.4219209	10.98680	6.956847	64.17311	.2149632
#2	.6327991	.4233571	11.17585	6.880800	63.46152	.2187318
#3	.6374443	.4273922	11.15254	6.879936	63.91671	.2182808

Elem	Sr4077
Units	ppm
Avg	.5856662
Stddev	.0024140
%RSD	.4121709
#1	.5847006
#2	.5838845
#3	.5884134

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2517.853	56062.12	13076.71	1757.457	3954.692
Stddev	20.476	259.05	75.01	13.044	31.653
%RSD	.8132452	.4620854	.5736012	.7422302	.8003967
#1	2494.848	56211.94	13010.03	1760.771	3918.479
#2	2524.625	55762.99	13157.92	1743.076	3968.515
#3	2534.085	56211.43	13062.18	1768.525	3977.083

Sample Name: P4791-02MSD Acquired: 11/11/2024 16:03:23 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	.7968277	1.828112	.9572149	1.972285	.7369416	7.395360
Stddev	.0052471	.075104	.0038419	.016278	.0030484	.032589
%RSD	.6585004	4.108297	.4013569	.8253422	.4136511	.4406619
#1	.7930635	1.788611	.9539309	1.956548	.7343495	7.357775
#2	.7945981	1.781000	.9614398	1.971253	.7361754	7.412548
#3	.8028214	1.914723	.9562740	1.989055	.7403000	7.415756
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6133876	.1839353	.1848213	105.4906	.4055097	.2095037
Stddev	.0025468	.0006063	.0011987	.5509	.0033854	.0012615
%RSD	.4151971	.3296449	.6485714	.5222125	.8348543	.6021190
#1	.6113428	.1837541	.1834497	104.8713	.4093927	.2081655
#2	.6162403	.1834403	.1856685	105.6743	.4031774	.2106709
#3	.6125798	.1846116	.1853455	105.9261	.4039590	.2096748
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5617547	24.38018	.8111304	16.41573	.5030066	.0664760
Stddev	.0026227	.18591	.0040666	.15291	.0016080	.0004862
%RSD	.4668822	.7625320	.5013460	.9314577	.3196770	.7313836
#1	.5587270	24.56725	.8064501	16.25060	.5011856	.0670319
#2	.5633303	24.19546	.8137986	16.44416	.5042311	.0662667
#3	.5632066	24.37784	.8131427	16.55242	.5036031	.0661296
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.9141	.3056290	3.823154	19.39092	.2521363	.4222890
Stddev	1.3297	.0026204	.041139	.17440	.0005125	.0028328
%RSD	.8695735	.8573844	1.076051	.8993761	.2032626	.6708274
#1	154.3798	.3026872	3.860852	19.59010	.2520507	.4190733
#2	152.5774	.3064865	3.779274	19.31699	.2526862	.4233779
#3	151.7852	.3077131	3.829336	19.26567	.2516720	.4244157

Sample Name: P4791-02MSD Acquired: 11/11/2024 16:03:23 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	.6421665	.4206066	F 10.98892	7.110286	F 64.53466	.2179680
Stddev	.0060051	.0026185	.05217	.057348	.82863	.0004960
%RSD	.9351249	.6225558	.4747746	.8065481	1.284013	.2275698
#1	.6360943	.4177937	11.04312	7.044076	63.73347	.2183733
#2	.6423031	.4229734	10.93904	7.144376	64.48225	.2181159
#3	.6481021	.4210528	10.98460	7.142405	65.38825	.2174149

Elem	Sr4077
Units	ppm
Avg	.5838759
Stddev	.0025733
%RSD	.4407279
#1	.5820459
#2	.5868183
#3	.5827635

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2496.026	56382.99	13046.81	1792.173	3913.771
Stddev	4.385	509.99	23.54	16.585	8.330
%RSD	.1756671	.9045187	.1804478	.9254355	.2128407
#1	2501.001	55794.89	13060.77	1774.731	3923.389
#2	2494.353	56703.47	13019.63	1807.743	3908.864
#3	2492.724	56650.61	13060.03	1794.045	3909.059

Sample Name: P4791-02A Acquired: 11/11/2024 16:07:21 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	.7801573	1.861428	.9360565	1.931587	.7190918	7.290066
Stddev	.0034001	.064297	.0034718	.015231	.0051753	.018952
%RSD	.4358167	3.454157	.3708935	.7885100	.7196974	.2599695
#1	.7836444	1.935616	.9394846	1.947565	.7244437	7.301316
#2	.7768516	1.821849	.9325426	1.917234	.7141133	7.268185
#3	.7799760	1.826820	.9361423	1.929962	.7187186	7.300696
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6050140	.1825812	.1810801	104.1513	.4131825	.2056207
Stddev	.0033109	.0004999	.0011056	.4462	.0075383	.0008352
%RSD	.5472415	.2738209	.6105853	.4283934	1.824449	.4061791
#1	.6067921	.1820121	.1822450	103.7059	.4052052	.2063366
#2	.6011939	.1829497	.1800452	104.1497	.4201874	.2047032
#3	.6070559	.1827818	.1809502	104.5983	.4141549	.2058225
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5490868	25.04495	.8016023	16.20632	.4936661	.0682324
Stddev	.0032261	.32028	.0026525	.06814	.0019265	.0011721
%RSD	.5875344	1.278827	.3308941	.4204814	.3902417	1.717803
#1	.5525157	24.69095	.8005363	16.13556	.4956165	.0673058
#2	.5461116	25.31465	.7996487	16.21188	.4917644	.0695500
#3	.5486330	25.12925	.8046219	16.27151	.4936174	.0678413
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	157.7075	.2994054	3.908947	19.84856	.2529790	.4153336
Stddev	1.0871	.0010317	.067753	.16056	.0008377	.0028514
%RSD	.6892858	.3445731	1.733282	.8089174	.3311317	.6865427
#1	156.5901	.2996030	3.837258	19.67783	.2524495	.4177089
#2	158.7614	.3003240	3.971921	19.99651	.2539448	.4121713
#3	157.7710	.2982892	3.917662	19.87134	.2525427	.4161206

Sample Name: P4791-02A Acquired: 11/11/2024 16:07:21 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	.6302380	.4142187	F 11.27318	6.962048	F 63.58688	.2152394
Stddev	.0024582	.0024498	.15223	.038799	.64364	.0013454
%RSD	.3900375	.5914338	1.350399	.5572857	1.012216	.6250560
#1	.6328050	.4128267	11.12161	6.934616	64.30227	.2148137
#2	.6279055	.4127819	11.42607	6.945090	63.05472	.2141584
#3	.6300033	.4170474	11.27186	7.006439	63.40366	.2167461

Elem	Sr4077
Units	ppm
Avg	.5750983
Stddev	.0033962
%RSD	.5905418
#1	.5774909
#2	.5712112
#3	.5765929

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2547.604	54729.21	13148.53	1762.061	3990.911
Stddev	22.820	645.11	14.96	23.483	34.641
%RSD	.8957611	1.178723	.1137397	1.332676	.8680074
#1	2521.687	55286.34	13133.70	1785.206	3951.002
#2	2564.687	54022.43	13148.29	1738.254	4013.203
#3	2556.437	54878.86	13163.61	1762.724	4008.529

Sample Name: P4792-04 Acquired: 11/11/2024 16:11:19 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	.0226352	-.005074	1.740962	.0009008	.0067229	21.07896
Stddev	.0015064	.001297	.002026	.0037010	.0008628	.02639
%RSD	6.654888	25.55711	.1163499	410.8483	12.83461	.1251981
#1	.0223146	-.004125	1.740726	-.001714	.0063190	21.05017
#2	.0242760	-.004546	1.739064	-.000719	.0077136	21.08473
#3	.0213149	-.006551	1.743095	.005136	.0061360	21.10199
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.748557	.0015498	.0094477	166.9963	.0974428	.0246617
Stddev	.007300	.0000779	.0000839	.4305	.0002752	.0001250
%RSD	.4174920	5.027047	.8885294	.2577717	.2824026	.5066360
#1	1.744692	.0014797	.0095207	166.7324	.0971252	.0246149
#2	1.744002	.0016337	.0093559	167.4930	.0975932	.0245669
#3	1.756977	.0015361	.0094664	166.7634	.0976100	.0248033
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8381820	52.86035	1.502211	57.52651	.1131396	.0019958
Stddev	.0018709	.11201	.001264	.16567	.0003939	.0002243
%RSD	.2232052	.2118890	.0841411	.2879961	.3481561	11.23790
#1	.8394645	52.83764	1.501792	57.44379	.1135238	.0022479
#2	.8360352	52.76143	1.501210	57.71725	.1127366	.0019210
#3	.8390463	52.98197	1.503631	57.41848	.1131585	.0018184
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	221.4947	.0797937	2.840295	65.03238	.0913046	.0347426
Stddev	1.7699	.0008488	.011148	.30652	.0002561	.0007432
%RSD	.7990675	1.063690	.3925099	.4713290	.2804348	2.139120
#1	219.5914	.0802116	2.853150	64.96920	.0915949	.0338934
#2	221.8018	.0803525	2.834462	64.76238	.0911112	.0350599
#3	223.0910	.0788170	2.833273	65.36557	.0912076	.0352744

Sample Name: P4792-04 Acquired: 11/11/2024 16:11:19 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	.0155213	.9233554	F 32.91923	F 14.14010	F 56.98510	.0638674
Stddev	.0017760	.0014714	.05144	.06420	.16411	.0011729
%RSD	11.44202	.1593516	.1562554	.4539981	.2879790	1.836493
#1	.0174722	.9223019	32.95218	14.16253	56.94131	.0625821
#2	.0139986	.9227278	32.85996	14.06770	56.84732	.0648799
#3	.0150932	.9250365	32.94556	14.19008	57.16665	.0641402

Elem	Sr4077
Units	ppm
Avg	.9788206
Stddev	.0043630
%RSD	.4457369
#1	.9738516
#2	.9820241
#3	.9805862

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2494.039	56978.82	13816.97	1804.903	3775.392
Stddev	9.587	56.79	39.34	2.234	15.935
%RSD	.3844152	.0996644	.2847127	.1237841	.4220775
#1	2491.062	57044.37	13843.80	1804.080	3770.623
#2	2504.762	56944.66	13771.81	1807.432	3793.167
#3	2486.293	56947.43	13835.29	1803.197	3762.387

Sample Name: PB164826BL Acquired: 11/11/2024 16:22:47 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	-.003942	.0006484	-.000258	.0004594	-.000622	-.000460	-.002143
Stddev	.000991	.0018354	.000196	.0005789	.001098	.003137	.000272
%RSD	25.13926	283.0562	75.73819	126.0246	176.5593	682.1816	12.70640

#1	-.002901	-.000924	-.000190	.0001999	-.000170	-.002788	-.001950
#2	-.004050	.000204	-.000479	.0011226	-.001874	-.001698	-.002024
#3	-.004874	.002665	-.000106	.0000556	.000178	.003107	-.002455

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001069	.0000761	-.039756	-.001927	.0001313	-.000942	-.009833
Stddev	.0000290	.0000619	.005614	.000208	.0000078	.000112	.001714
%RSD	27.12167	81.26830	14.12072	10.79071	5.918320	11.83534	17.43287

#1	.0000743	.0001386	-.033619	-.002031	.0001278	-.001044	-.011662
#2	.0001168	.0000750	-.044633	-.001688	.0001402	-.000823	-.008263
#3	.0001297	.0000148	-.041015	-.002063	.0001258	-.000959	-.009573

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000420	.0086879	-.000768	.0005622	-.938001	-.000220	-.003328
Stddev	.000195	.0055486	.000042	.0001033	.010956	.000472	.000158
%RSD	46.50412	63.86673	5.462517	18.38074	1.168064	214.8258	4.743090

#1	-.000401	.0085817	-.000753	.0006658	-.950169	-.000082	-.003340
#2	-.000624	.0031931	-.000736	.0005618	-.928918	.000168	-.003479
#3	-.000235	.0142888	-.000816	.0004591	-.934916	-.000746	-.003164

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.091028	-.003882	-.000230	-.003099	.0000544	-.007779	-.003104
Stddev	.017189	.000229	.000148	.000681	.0002471	.004706	.000982
%RSD	18.88352	5.901948	64.33408	21.96664	454.0999	60.49336	31.63202

#1	-.079954	-.003626	-.000208	-.002417	.0000066	-.008327	-.002072
#2	-.110830	-.004068	-.000388	-.003779	.0003218	-.002824	-.003212
#3	-.082299	-.003952	-.000094	-.003100	-.000165	-.012188	-.004027

Sample Name: PB164826BL Acquired: 11/11/2024 16:22:47 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	.0004074	.0004270	.0000373
Stddev	.0028946	.0007649	.0000254
%RSD	710.5678	179.1431	68.04573

#1	.0003590	.0013086	.0000632
#2	-.002463	.0000314	.0000124
#3	.003326	-.000059	.0000365

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2823.423	63241.58	14132.72	2009.336	4800.651
Stddev	5.680	247.43	36.53	19.519	6.163
%RSD	.2011595	.3912506	.2585068	.9713976	.1283825

#1	2819.957	62960.04	14164.94	1988.810	4798.309
#2	2829.978	63424.49	14093.03	2011.538	4807.642
#3	2820.335	63340.20	14140.19	2027.660	4796.003

Sample Name: PB164826BS Acquired: 11/11/2024 16:26:51 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	.7899462	2.232851	.9463297	2.015966	.7816175	1.939872
Stddev	.0015247	.024694	.0028750	.005268	.0023631	.006523
%RSD	.1930163	1.105962	.3038006	.2613192	.3023393	.3362762
#1	.7908389	2.204525	.9465443	2.010271	.7790551	1.932351
#2	.7908141	2.244176	.9433534	2.016961	.7837111	1.943277
#3	.7881857	2.249852	.9490913	2.020666	.7820862	1.943989
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1862610	.1916026	.1845103	.9407593	.3702449	.1891652
Stddev	.0004717	.0008308	.0001663	.0032995	.0014298	.0001023
%RSD	.2532550	.4336133	.0901062	.3507272	.3861626	.0540684
#1	.1862795	.1906435	.1845138	.9379206	.3687245	.1891998
#2	.1857803	.1921015	.1843423	.9443793	.3715623	.1890501
#3	.1867231	.1920627	.1846747	.9399779	.3704479	.1892457
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3048719	2.883756	.1907115	1.873345	.4738300	.0739237
Stddev	.0002829	.032516	.0009575	.017027	.0007877	.0003404
%RSD	.0927874	1.127560	.5020489	.9089289	.1662387	.4605051
#1	.3046914	2.847248	.1896331	1.855569	.4740983	.0736518
#2	.3051980	2.894416	.1914617	1.874956	.4729432	.0743055
#3	.3047264	2.909605	.1910397	1.889510	.4744484	.0738137
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.561449	.2878393	.2018667	9.696529	.2567468	.4073680
Stddev	.016953	.0022073	.0008137	.051509	.0006479	.0010820
%RSD	.6618359	.7668683	.4031093	.5312147	.2523310	.2656050
#1	2.547785	.2866761	.2028053	9.695076	.2574842	.4067313
#2	2.556142	.2903850	.2013590	9.645762	.2564872	.4067555
#3	2.580420	.2864568	.2014358	9.748750	.2562691	.4086173

Sample Name: PB164826BS Acquired: 11/11/2024 16:26:51 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	.6545182	.1880058	F .7115275	5.524553	F -.014411	.1788567
Stddev	.0006494	.0004914	.0012432	.021988	.002312	.0007831
%RSD	.0992132	.2613706	.1747254	.3980014	16.04477	.4378424
#1	.6537805	.1876316	.7115684	5.504697	-.014422	.1788804
#2	.6550034	.1878235	.7127498	5.520780	-.012094	.1796277
#3	.6547707	.1885622	.7102643	5.548184	-.016718	.1780620

Elem	Sr4077
Units	ppm
Avg	.1955009
Stddev	.0004521
%RSD	.2312289
#1	.1950606
#2	.1954782
#3	.1959639

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2769.392	61225.01	13821.48	1970.393	4536.945
Stddev	2.936	97.42	36.49	9.141	4.702
%RSD	.1060191	.1591113	.2639888	.4639077	.1036285
#1	2767.692	61117.48	13816.61	1960.151	4532.776
#2	2772.782	61250.17	13787.67	1973.302	4542.041
#3	2767.701	61307.37	13860.15	1977.725	4536.020

Sample Name: P4763-01 Acquired: 11/11/2024 16:30:50 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	-.008006	-.017681	.0020287	.0056845	.0024774	43.48345
Stddev	.003522	.002576	.0007471	.0005078	.0012141	.34230
%RSD	43.98516	14.57160	36.82548	8.933021	49.00722	.7871963
#1	-.003942	-.015216	.0011965	.0053754	.0014102	43.85722
#2	-.009935	-.017471	.0022479	.0062705	.0022237	43.40789
#3	-.010142	-.020356	.0026417	.0054075	.0037983	43.18524
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031092	-.000084	-.000115	16.66791	.0952695	-.000179
Stddev	.0001059	.000012	.000051	.11044	.0011051	.000156
%RSD	3.406569	13.68547	44.60189	.6626171	1.159963	87.10125
#1	.0030406	-.000078	-.000074	16.79360	.0963672	-.000010
#2	.0032312	-.000098	-.000098	16.62373	.0952840	-.000317
#3	.0030557	-.000077	-.000172	16.58640	.0941572	-.000210
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0294799	.1935819	.0117594	2.956767	.0368773	.0003120
Stddev	.0004521	.0053465	.0000494	.021874	.0001515	.0002052
%RSD	1.533456	2.761896	.4200177	.7398009	.4107060	65.75786
#1	.0299154	.1970021	.0117369	2.977911	.0370510	.0005401
#2	.0295113	.1963228	.0117252	2.958162	.0367730	.0002532
#3	.0290129	.1874207	.0118160	2.934229	.0368079	.0001427
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2593.903	.0008912	.1764525	164.8092	4.820722	.0286795
Stddev	45.876	.0033680	.0012246	1.6476	.049759	.0004682
%RSD	1.768619	377.9233	.6939944	.9996861	1.032187	1.632521
#1	2643.748	-.000593	.1775545	166.6160	4.877044	.0291740
#2	2584.515	.004746	.1766689	164.4218	4.802404	.0286216
#3	2553.448	-.001480	.1751342	163.3899	4.782719	.0282429

Sample Name: P4763-01 Acquired: 11/11/2024 16:30:50 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	.0081778	-.000344	.9296926	3.624987	F 912.5227	.0123275
Stddev	.0003063	.000161	.0128083	.012200	1.4323	.0008859
%RSD	3.746129	46.68305	1.377691	.3365405	.1569615	7.186535
#1	.0081674	-.000266	.9441679	3.634546	912.9923	.0121465
#2	.0078768	-.000529	.9250820	3.629169	913.6612	.0115460
#3	.0084892	-.000237	.9198279	3.611247	910.9145	.0132899

Elem	Sr4077
Units	ppm
Avg	.0811328
Stddev	.0003823
%RSD	.4711836
#1	.0815737
#2	.0809310
#3	.0808937

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2224.810	49789.86	12851.41	1585.703	3222.959
Stddev	8.014	687.17	113.83	15.483	8.532
%RSD	.3602229	1.380139	.8857068	.9764240	.2647220
#1	2216.241	49051.14	12727.12	1568.977	3213.297
#2	2232.122	49908.37	12876.52	1588.597	3229.457
#3	2226.066	50410.06	12950.57	1599.535	3226.122

Sample Name: CCV03 Acquired: 11/11/2024 16:39:20 Type: Unk
Method: NON EPA-6010-200.7(v2467) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.903029	4.580374	4.770572	5.095037	4.970044	9.631062
Stddev	.036039	.020419	.025492	.031227	.033884	.027225
%RSD	.7350394	.4457850	.5343629	.6128816	.6817673	.2826795
#1	4.897254	4.599717	4.754273	5.083371	4.962670	9.643613
#2	4.870226	4.582378	4.757494	5.071324	4.940454	9.599825
#3	4.941607	4.559028	4.799949	5.130417	5.007007	9.649747
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.436290	.2346076	2.347855	23.37577	.9376222	2.366711
Stddev	.080009	.0010948	.008950	.06523	.0065028	.009926
%RSD	.8478816	.4666484	.3812040	.2790600	.6935440	.4193922
#1	9.392202	.2340878	2.339154	23.34906	.9310441	2.359495
#2	9.388024	.2338695	2.347375	23.32813	.9377755	2.362607
#3	9.528645	.2358654	2.357035	23.45011	.9440471	2.378031
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.227549	4.882796	2.325084	23.52564	2.370041	1.226222
Stddev	.007806	.014688	.009483	.09585	.008808	.002046
%RSD	.6358774	.3008096	.4078593	.4074263	.3716457	.1668135
#1	1.224221	4.899068	2.326499	23.46182	2.363747	1.224264
#2	1.221959	4.878803	2.314973	23.47924	2.366269	1.226056
#3	1.236467	4.870518	2.333780	23.63586	2.380107	1.228345
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.43271	2.368446	2.491612	25.07322	F 4.475482	5.033922
Stddev	.18381	.003883	.002961	.04778	.023183	.030830
%RSD	.7227256	.1639532	.1188329	.1905636	.5179904	.6124371
#1	25.63180	2.366706	2.493866	25.12828	4.462561	5.015658
#2	25.26947	2.365737	2.488259	25.04871	4.461640	5.016591
#3	25.39684	2.372895	2.492711	25.04267	4.502246	5.069517

Sample Name: CCV03 Acquired: 11/11/2024 16:39:20 Type: Unk
Method: NON EPA-6010-200.7(v2467) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.767536	4.685714	5.069987	4.905044	4.796885	4.613347
Stddev	.017539	.015788	.035483	.022136	.012419	.026042
%RSD	.3678917	.3369462	.6998602	.4512974	.2588944	.5644893
#1	4.754134	4.691171	5.031420	4.880568	4.787114	4.636281
#2	4.761087	4.667921	5.077293	4.923661	4.792681	4.585036
#3	4.787387	4.698050	5.101249	4.910905	4.810860	4.618722

Elem	Sr4077
Units	ppm
Avg	4.821927
Stddev	.031237
%RSD	.6478037
#1	4.856173
#2	4.795000
#3	4.814609

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2721.324	59694.53	13909.46	1918.111	4265.349
Stddev	23.895	97.03	42.51	10.086	28.087
%RSD	.8780696	.1625417	.3056072	.5258349	.6584954
#1	2720.646	59582.53	13883.30	1907.060	4264.118
#2	2745.552	59753.34	13958.51	1920.454	4294.032
#3	2697.776	59747.70	13886.58	1926.820	4237.898

Sample Name: CCB03 Acquired: 11/11/2024 16:43:20 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	-.000713	.0013199	.0000917	-.000601	.0001940	-.001900	-.001732
Stddev	.002263	.0018632	.0003860	.001939	.0013982	.001380	.000275
%RSD	317.5375	141.1622	421.0850	322.6105	720.8224	72.64882	15.86105

#1	-.002775	.0001719	.0002786	-.002770	.0017960	-.003467	-.001649
#2	-.001071	.0034696	.0003486	.000965	-.000434	-.001365	-.002038
#3	.001708	.0003181	-.000352	.000002	-.000780	-.000867	-.001508

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000989	.0000761	-.049729	-.001614	.0000115	-.000354	-.013341
Stddev	.0000532	.0000308	.002437	.000453	.0001179	.000331	.000778
%RSD	53.79541	40.52035	4.901294	28.05123	1029.516	93.60255	5.835377

#1	.0001472	.0001094	-.047487	-.001256	-.000042	-.000705	-.013915
#2	.0001077	.0000704	-.052323	-.001463	.000147	-.000047	-.012455
#3	.0000419	.0000485	-.049377	-.002123	-.000070	-.000309	-.013652

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000509	-.004258	-.000523	.0003655	-.622747	.0012433	-.003354
Stddev	.000133	.010774	.000219	.0001282	.051779	.0008391	.000139
%RSD	26.03006	253.0553	41.89266	35.08524	8.314683	67.48738	4.145072

#1	-.000539	.000499	-.000768	.0002313	-.672175	.0019904	-.003261
#2	-.000364	-.016592	-.000458	.0004868	-.627166	.0014042	-.003287
#3	-.000625	.003320	-.000345	.0003784	-.568899	.0003355	-.003514

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.069830	.0075674	-.000385	-.002760	.0003562	-.003855	-.003660
Stddev	.016060	.0004429	.000181	.000392	.0002772	.005392	.003021
%RSD	22.99824	5.852863	47.06102	14.20918	77.81119	139.8838	82.52659

#1	-.085987	.0076586	-.000388	-.003110	.0004962	.001922	-.002182
#2	-.069635	.0079577	-.000203	-.002833	.0005355	-.008755	-.001663
#3	-.053869	.0070860	-.000565	-.002336	.0000370	-.004732	-.007135

Sample Name: CCB03 Acquired: 11/11/2024 16:43:20 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	.0017647	-.000216	.0000733
Stddev	.0008277	.000667	.0000380
%RSD	46.90544	308.0673	51.82306

#1	.0020549	.000040	.0001172
#2	.0008310	.000284	.0000511
#3	.0024083	-.000973	.0000517

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2879.485	64946.21	14104.04	2079.992	4872.040
Stddev	4.589	195.27	50.00	7.095	11.032
%RSD	.1593743	.3006681	.3544834	.3411219	.2264248

#1	2884.780	64726.88	14057.98	2071.841	4884.243
#2	2877.007	65101.18	14157.21	2084.786	4869.105
#3	2876.667	65010.57	14096.92	2083.348	4862.774

Sample Name: P4763-01DUP Acquired: 11/11/2024 16:55:21 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	-.007928	-.019627	.0002600	.0057229	.0017836	45.18913
Stddev	.001614	.003016	.0005261	.0017335	.0024529	.26983
%RSD	20.36246	15.36432	202.3228	30.29018	137.5303	.5971099

#1	-.009644	-.023105	-.000069	.0038650	.0045647	44.90491
#2	-.006439	-.018029	-.000018	.0060068	.0008578	45.44180
#3	-.007702	-.017746	.000867	.0072968	-.000072	45.22067

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032071	-.000064	-.000072	17.23407	.1002061	-.000068
Stddev	.0001330	.000035	.000064	.10417	.0006713	.000237
%RSD	4.147743	54.88602	90.02559	.6044437	.6698770	347.6170

#1	.0031738	-.000057	-.000075	17.11746	.1008922	.000134
#2	.0030939	-.000102	-.000134	17.31795	.1001753	-.000329
#3	.0033536	-.000033	-.000005	17.26679	.0995507	-.000010

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0312650	.2152087	.0119894	3.046154	.0392324	.0004375
Stddev	.0005720	.0029829	.0001232	.013645	.0005847	.0000387
%RSD	1.829458	1.386048	1.027344	.4479456	1.490213	8.837796

#1	.0319202	.2147340	.0118519	3.030399	.0399075	.0004374
#2	.0308657	.2124917	.0120897	3.053894	.0388987	.0003989
#3	.0310089	.2184005	.0120264	3.054170	.0388911	.0004763

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2406.192	.0009247	.1906124	179.3231	4.952862	.0303149
Stddev	34.990	.0005508	.0007261	.4257	.021110	.0006106
%RSD	1.454175	59.55944	.3809543	.2373910	.4262110	2.014325

#1	2433.945	.0003849	.1909146	179.6718	4.931520	.0310113
#2	2417.745	.0009035	.1897839	179.4488	4.973731	.0298709
#3	2366.886	.0014858	.1911386	178.8487	4.953337	.0300625

Sample Name: P4763-01DUP Acquired: 11/11/2024 16:55:21 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	.0096533	-.000634	1.010619	3.699187	F 955.5385	.0127744
Stddev	.0006132	.000467	.003609	.052778	14.1824	.0004155
%RSD	6.352292	73.67230	.3571312	1.426743	1.484226	3.252763
#1	.0100544	-.001166	1.010472	3.754237	971.1585	.0130465
#2	.0089474	-.000450	1.007086	3.649021	943.4681	.0129805
#3	.0099581	-.000287	1.014300	3.694301	951.9890	.0122961

Elem	Sr4077
Units	ppm
Avg	.0845830
Stddev	.0004632
%RSD	.5475933
#1	.0840753
#2	.0849824
#3	.0846912

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2117.199	46262.10	12517.60	1473.563	3075.493
Stddev	32.775	168.13	48.91	8.023	43.195
%RSD	1.548050	.3634246	.3907638	.5444745	1.404492
#1	2079.752	46068.75	12562.86	1467.486	3026.209
#2	2140.668	46343.74	12465.71	1482.657	3106.775
#3	2131.178	46373.83	12524.23	1470.546	3093.496

Sample Name: P4763-01LX5 Acquired: 11/11/2024 16:59:42 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	-.004964	-.002900	-.000018	.0019809	.0003299	9.092052
Stddev	.001948	.000672	.001029	.0008932	.0005223	.040718
%RSD	39.24873	23.17637	5733.168	45.09087	158.3235	.4478447
#1	-.004285	-.002507	-.000811	.0009517	.0006534	9.077286
#2	-.003446	-.002517	.001145	.0024374	-.000273	9.060778
#3	-.007161	-.003676	-.000388	.0025537	.000609	9.138094
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001957	.0000164	-.000096	3.636760	.0196825	-.000029
Stddev	.000989	.0000164	.000094	.032531	.0003280	.000075
%RSD	50.53034	99.70064	97.96530	.8945026	1.666368	257.0853
#1	-.003095	.0000316	.000011	3.615348	.0195867	.000057
#2	-.001308	-.000001	-.000135	3.620738	.0194131	-.000070
#3	-.001468	.000018	-.000165	3.674194	.0200477	-.000075
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066973	.0301444	.0021673	.6608719	.0076508	.0003970
Stddev	.0002559	.0019766	.0002015	.0156757	.0002753	.0003568
%RSD	3.820566	6.556932	9.297166	2.371978	3.598629	89.87308
#1	.0064045	.0288499	.0023747	.6529520	.0074294	.0008031
#2	.0068090	.0324195	.0019723	.6507363	.0079591	.0002537
#3	.0068782	.0291638	.0021550	.6789274	.0075639	.0001341
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	453.9635	.0014831	.0358182	31.89388	1.159493	.0061510
Stddev	4.8949	.0015257	.0005893	.17905	.008009	.0003262
%RSD	1.078255	102.8707	1.645234	.5613826	.6907751	5.303846
#1	457.9920	.0024448	.0353115	32.09093	1.156306	.0064168
#2	455.3827	.0022806	.0364649	31.84953	1.153568	.0062492
#3	448.5158	-.000276	.0356782	31.74117	1.168606	.0057869

Sample Name: P4763-01LX5 Acquired: 11/11/2024 16:59:42 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	-.000842	-.000036	.1811810	.7028726	F 237.9858	.0033629
Stddev	.000276	.000240	.0027131	.0056174	.5093	.0007447
%RSD	32.82377	658.6770	1.497461	.7992028	.2139906	22.14410
#1	-.001161	.000189	.1832844	.6997100	237.8293	.0041874
#2	-.000671	-.000289	.1781186	.7093583	237.5732	.0027394
#3	-.000694	-.000009	.1821400	.6995494	238.5550	.0031618

Elem	Sr4077
Units	ppm
Avg	.0173289
Stddev	.0001380
%RSD	.7962328
#1	.0174250
#2	.0171708
#3	.0173909

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2387.403	53605.96	13014.51	1719.031	3637.979
Stddev	16.177	311.26	49.87	14.411	16.624
%RSD	.6775785	.5806361	.3831972	.8383415	.4569490
#1	2369.899	53517.84	13024.92	1714.576	3619.220
#2	2390.506	53348.27	13058.36	1707.373	3643.833
#3	2401.803	53951.78	12960.26	1735.144	3650.883

Sample Name: P4763-01MS Acquired: 11/11/2024 17:04:07 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	.8983056	1.938984	.9242153	2.390987	.8602745	42.47564
Stddev	.0104803	.011166	.0083837	.012116	.0043607	.19215
%RSD	1.166669	.5758478	.9071111	.5067428	.5068940	.4523855
#1	.8874178	1.929765	.9170815	2.380137	.8597247	42.26547
#2	.8991748	1.951399	.9221150	2.388763	.8562148	42.51914
#3	.9083241	1.935788	.9334494	2.404061	.8648840	42.64232
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1983740	.1934932	.1976926	16.59958	.4560745	.1998250
Stddev	.0014783	.0002544	.0016361	.13354	.0018485	.0013430
%RSD	.7452029	.1314576	.8275998	.8045066	.4053112	.6720681
#1	.1968895	.1935814	.1965158	16.44716	.4553139	.1989827
#2	.1983865	.1932064	.1970011	16.65556	.4581820	.1991185
#3	.1998460	.1936916	.1995609	16.69602	.4547276	.2013737
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3035868	3.422985	.1982822	4.551784	.5300662	.0344582
Stddev	.0020472	.035548	.0015456	.048454	.0050629	.0007687
%RSD	.6743521	1.038504	.7795016	1.064506	.9551405	2.230832
#1	.3018742	3.384330	.1966312	4.495849	.5251049	.0345353
#2	.3030318	3.454270	.1985207	4.578642	.5298690	.0351855
#3	.3058543	3.430355	.1996947	4.580862	.5352249	.0336539
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2075.617	.2960289	.4169256	165.9078	4.749135	.4489085
Stddev	7.775	.0023583	.0017209	1.3715	.014530	.0026123
%RSD	.3745996	.7966428	.4127677	.8266557	.3059504	.5819256
#1	2066.789	.2936606	.4155426	164.6243	4.745230	.4469018
#2	2081.444	.2960490	.4188529	167.3529	4.736956	.4479614
#3	2078.620	.2983771	.4163813	165.7463	4.765218	.4518623

Sample Name: P4763-01MS Acquired: 11/11/2024 17:04:07 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	.6819305	.1924151	1.718599	F 10.10551	F 865.5397	.2042708
Stddev	.0064992	.0015435	.011276	.09822	5.7127	.0028136
%RSD	.9530635	.8021854	.6560943	.9719370	.6600163	1.377365
#1	.6757131	.1906368	1.705619	10.01829	859.3589	.2010733
#2	.6813994	.1932009	1.725972	10.08634	866.6342	.2053718
#3	.6886790	.1934076	1.724205	10.21190	870.6260	.2063674

Elem	Sr4077
Units	ppm
Avg	.2785248
Stddev	.0018587
%RSD	.6673410
#1	.2764149
#2	.2792390
#3	.2799205

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2153.899	47313.04	12349.07	1513.845	3147.638
Stddev	2.972	217.74	40.39	3.854	9.768
%RSD	.1379957	.4602032	.3270461	.2545947	.3103227
#1	2154.976	47433.40	12373.10	1512.815	3157.599
#2	2156.183	47061.70	12371.66	1510.610	3147.240
#3	2150.539	47444.03	12302.44	1518.109	3138.075

Sample Name: P4763-01MSD Acquired: 11/11/2024 17:08:17 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	.9219540	1.971365	.9332375	2.462332	.8801492	42.88354
Stddev	.0043459	.041182	.0002182	.005714	.0052451	.93275
%RSD	.4713825	2.089001	.0233769	.2320680	.5959334	2.175078

#1	.9268218	1.934692	.9329881	2.467289	.8833201	41.90770
#2	.9205762	1.963485	.9333932	2.456082	.8740950	42.97671
#3	.9184640	2.015917	.9333310	2.463625	.8830326	43.76621

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2002908	.1936257	.2003977	16.67845	.4607776	.2026105
Stddev	.0032142	.0031052	.0008067	.38949	.0008099	.0009724
%RSD	1.604763	1.603706	.4025365	2.335265	.1757699	.4799192

#1	.1969823	.1902901	.2008638	16.27143	.4616581	.2036941
#2	.2004886	.1941544	.1994662	16.71627	.4600644	.2018140
#3	.2034015	.1964326	.2008631	17.04764	.4606105	.2023234

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3081147	3.505050	.1988485	4.582107	.5362873	.0351091
Stddev	.0013699	.011927	.0041229	.111422	.0012086	.0001392
%RSD	.4446091	.3402902	2.073391	2.431686	.2253736	.3965122

#1	.3096612	3.491695	.1947863	4.467816	.5370026	.0352388
#2	.3070535	3.508811	.1987296	4.588086	.5348918	.0351266
#3	.3076294	3.514643	.2030296	4.690420	.5369676	.0349621

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2145.207	.2979935	.4315240	170.8219	4.748993	.4591120
Stddev	13.934	.0059171	.0011399	.1951	.072576	.0019429
%RSD	.6495520	1.985646	.2641543	.1142409	1.528245	.4231844

#1	2159.892	.2912653	.4320121	170.8417	4.673031	.4599220
#2	2143.559	.3003278	.4302213	170.6176	4.756320	.4568952
#3	2132.170	.3023875	.4323386	171.0064	4.817627	.4605188

Sample Name: P4763-01MSD Acquired: 11/11/2024 17:08:17 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	.6907950	.1944779	1.762210	F 10.37598	F 877.8293	.2039635
Stddev	.0025664	.0041737	.011426	.05010	3.1469	.0005444
%RSD	.3715145	2.146081	.6483923	.4828324	.3584843	.2669093
#1	.6933836	.1900612	1.750706	10.40291	877.1515	.2036979
#2	.6882514	.1950163	1.773556	10.31818	875.0766	.2036029
#3	.6907501	.1983563	1.762368	10.40686	881.2599	.2045897

Elem	Sr4077
Units	ppm
Avg	.2812881
Stddev	.0052768
%RSD	1.875951
#1	.2759178
#2	.2814803
#3	.2864662

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2111.024	46319.42	12336.75	1461.434	3094.286
Stddev	11.205	172.84	169.30	4.411	17.056
%RSD	.5308066	.3731505	1.372338	.3018335	.5512065
#1	2098.145	46139.90	12518.58	1457.399	3074.646
#2	2118.541	46333.65	12307.99	1460.761	3105.372
#3	2116.387	46484.70	12183.66	1466.143	3102.840

Sample Name: P4763-01A Acquired: 11/11/2024 17:12:26 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	.9318972	1.996726	.9454613	2.516817	.8931314	44.40391
Stddev	.0054557	.005977	.0020962	.015675	.0069641	.07986
%RSD	.5854384	.2993229	.2217064	.6228000	.7797399	.1798469
#1	.9338574	1.990005	.9432869	2.502787	.8858274	44.31408
#2	.9361019	2.001443	.9474693	2.513928	.8938700	44.43080
#3	.9257323	1.998730	.9456276	2.533735	.8996968	44.46685
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2015487	.1985464	.2020907	17.06197	.4535602	.2043662
Stddev	.0005087	.0007215	.0013078	.06744	.0015542	.0009176
%RSD	.2523788	.3633768	.6471478	.3952667	.3426601	.4489853
#1	.2016405	.1988445	.2010031	16.98920	.4552058	.2037355
#2	.2010004	.1977236	.2017270	17.07436	.4533572	.2039441
#3	.2020052	.1990710	.2035418	17.12236	.4521174	.2054188
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3138210	3.475262	.2022386	4.721737	.5412556	.0351148
Stddev	.0022508	.018421	.0008762	.014689	.0030580	.0003170
%RSD	.7172128	.5300616	.4332679	.3110978	.5649824	.9027412
#1	.3119749	3.455607	.2012625	4.706257	.5384513	.0348178
#2	.3131599	3.478046	.2024961	4.723470	.5407994	.0354486
#3	.3163283	3.492132	.2029572	4.735482	.5445161	.0350781
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2119.284	.3064790	.4283542	170.5916	4.844738	.4651898
Stddev	3.395	.0027827	.0027204	.1276	.005745	.0018410
%RSD	.1601936	.9079505	.6350854	.0747952	.1185778	.3957439
#1	2120.216	.3074077	.4276971	170.4515	4.844391	.4642200
#2	2115.521	.3033507	.4313430	170.6224	4.839175	.4640365
#3	2122.117	.3086785	.4260225	170.7010	4.850649	.4673129

Sample Name: P4763-01A Acquired: 11/11/2024 17:12:26 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	.6975771	.1991200	1.777277	F 10.49416	F 889.0967	.2037110
Stddev	.0018588	.0002065	.015860	.07177	2.5362	.0014656
%RSD	.2664694	.1037038	.8923887	.6839223	.2852545	.7194326
#1	.6965500	.1992860	1.762145	10.46421	886.3835	.2044612
#2	.6964584	.1991854	1.775908	10.44221	889.4987	.2020222
#3	.6997228	.1988888	1.793777	10.57605	891.4078	.2046496

Elem	Sr4077
Units	ppm
Avg	.2861224
Stddev	.0006698
%RSD	.2340850
#1	.2857774
#2	.2856956
#3	.2868944

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2074.882	46212.21	12034.40	1444.976	3053.744
Stddev	4.476	118.23	10.95	7.921	6.175
%RSD	.2157323	.2558486	.0910194	.5481775	.2022191
#1	2078.771	46151.40	12024.35	1446.779	3059.549
#2	2075.886	46136.76	12032.79	1436.309	3054.427
#3	2069.989	46348.47	12046.08	1451.840	3047.255

Sample Name: PB164796BL Acquired: 11/11/2024 17:16:36 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	-.002280	-.000631	-.000609	-.000627	.0008704	-.003187
Stddev	.000912	.001626	.000782	.000641	.0014102	.003123
%RSD	39.97176	257.7835	128.3640	102.3020	162.0175	97.98190
#1	-.002229	-.002139	-.001306	-.000235	-.000053	-.004475
#2	-.001395	-.000844	.000237	-.000279	.002494	.000374
#3	-.003216	.001091	-.000760	-.001366	.000171	-.005460
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002429	.0001189	.0000393	-.043866	-.001719	.0001957
Stddev	.000236	.0000138	.0000570	.007201	.000267	.0001517
%RSD	9.716473	11.59244	144.8411	16.41591	15.51974	77.51460
#1	-.002645	.0001161	.0001034	-.039141	-.001650	.0003708
#2	-.002465	.0001068	-.000006	-.052154	-.001494	.0001137
#3	-.002177	.0001339	.000020	-.040303	-.002014	.0001028
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000526	-.011228	-.000423	-.003984	-.000870	.0006095
Stddev	.000245	.002700	.000209	.006381	.000152	.0001452
%RSD	46.61644	24.04541	49.36273	160.1446	17.50827	23.81576
#1	-.000373	-.012013	-.000572	.003204	-.001032	.0006664
#2	-.000396	-.008222	-.000514	-.006177	-.000849	.0004445
#3	-.000809	-.013447	-.000184	-.008979	-.000730	.0007176
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.228120	-.000058	-.003239	.0693750	.0096156	-.000400
Stddev	.039248	.000208	.000173	.0085862	.0007424	.000208
%RSD	17.20500	356.9304	5.342472	12.37657	7.720419	52.12208
#1	-.267169	.000177	-.003416	.0596817	.0099701	-.000373
#2	-.188676	-.000136	-.003229	.0724177	.0101142	-.000620
#3	-.228517	-.000216	-.003070	.0760255	.0087624	-.000206

Sample Name: PB164796BL Acquired: 11/11/2024 17:16:36 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	-.002872	-.000055	-.008059	-.002665	F .1134361	.0006694
Stddev	.000410	.000417	.002944	.000738	.0153718	.0012388
%RSD	14.28718	759.6874	36.53129	27.69205	13.55109	185.0544
#1	-.002958	.000314	-.008111	-.003391	.1306218	-.000087
#2	-.002426	.000030	-.010977	-.001916	.1086878	.002099
#3	-.003233	-.000508	-.005090	-.002690	.1009986	-.000004

Elem	Sr4077
Units	ppm
Avg	-.000009
Stddev	.000017
%RSD	178.6711
#1	.000010
#2	-.000019
#3	-.000020

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2744.883	60215.90	13648.91	1933.625	4625.555
Stddev	9.647	196.10	50.59	14.749	25.067
%RSD	.3514661	.3256579	.3706766	.7627587	.5419269
#1	2735.694	59998.55	13603.07	1917.368	4605.891
#2	2744.025	60269.58	13640.46	1937.358	4616.994
#3	2754.931	60379.57	13703.19	1946.149	4653.782

Sample Name: PB164796BS Acquired: 11/11/2024 17:20:56 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	.8105907	2.276527	.9879506	2.069419	.8026778	2.071823
Stddev	.0103917	.058687	.0118552	.023185	.0076444	.004560
%RSD	1.281987	2.577933	1.199976	1.120340	.9523595	.2201053
#1	.8200889	2.343903	1.001076	2.089453	.8107005	2.075477
#2	.8121917	2.249124	.984754	2.074780	.8018546	2.073279
#3	.7994914	2.236553	.978021	2.044023	.7954784	2.066712
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1985535	.2060475	.1915828	1.005962	.3943988	.1967589
Stddev	.0003926	.0012265	.0022349	.006815	.0020902	.0024731
%RSD	.1977445	.5952512	1.166526	.6774492	.5299790	1.256899
#1	.1987788	.2074602	.1940543	1.001978	.3961433	.1994102
#2	.1981001	.2054274	.1909903	1.002077	.3920820	.1963522
#3	.1987815	.2052549	.1897040	1.013831	.3949709	.1945145
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3155549	3.028823	.2034621	2.008766	.4929432	.0782177
Stddev	.0036086	.006150	.0005089	.002356	.0056987	.0001971
%RSD	1.143568	.2030388	.2500988	.1173030	1.156045	.2520566
#1	.3191749	3.022054	.2040348	2.007893	.4991336	.0783187
#2	.3155321	3.034067	.2030619	2.011435	.4917804	.0779905
#3	.3119578	3.030347	.2032896	2.006971	.4879157	.0783438
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.362116	.3072046	.2134084	10.20006	.2868990	.4224946
Stddev	.036429	.0026508	.0008383	.05347	.0027545	.0043222
%RSD	1.542237	.8628668	.3928368	.5242107	.9600897	1.023030
#1	2.324090	.3082182	.2130726	10.16195	.2896802	.4267002
#2	2.365553	.3091990	.2127901	10.17706	.2868448	.4227192
#3	2.396705	.3041966	.2143626	10.26119	.2841720	.4180645

Sample Name: PB164796BS Acquired: 11/11/2024 17:20:56 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	.6768177	.1987389	F .7455487	5.775887	F .0515798	.1867272
Stddev	.0085319	.0007096	.0060895	.043709	.0027095	.0012145
%RSD	1.260593	.3570646	.8167850	.7567576	5.253056	.6504220
#1	.6864688	.1989180	.7409631	5.820914	.0545906	.1873701
#2	.6737052	.1979569	.7524580	5.773118	.0508112	.1853263
#3	.6702790	.1993418	.7432252	5.733627	.0493376	.1874851

Elem	Sr4077
Units	ppm
Avg	.2080095
Stddev	.0003819
%RSD	.1835762
#1	.2081167
#2	.2083264
#3	.2075856

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2745.831	59584.00	13219.81	1907.548	4503.817
Stddev	23.831	121.48	56.26	11.599	42.605
%RSD	.8679096	.2038767	.4255760	.6080463	.9459732
#1	2721.837	59713.55	13178.45	1920.898	4457.868
#2	2746.161	59565.82	13197.10	1899.940	4511.569
#3	2769.496	59472.64	13283.87	1901.806	4542.014

Sample Name: LR1 Acquired: 11/11/2024 17:28:14 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	.0484497	-.037043	-.013070	-.344275	-.019848	1857.227	.0183381
Stddev	.0042355	.002445	.003655	.013567	.008696	22.912	.0005734
%RSD	8.742092	6.599145	27.96568	3.940645	43.81530	1.233675	3.126788
#1	.0442152	-.036325	-.015560	-.350866	-.026049	1878.457	.0189582
#2	.0526862	-.039766	-.008874	-.328672	-.009907	1832.940	.0178272
#3	.0484476	-.035037	-.014776	-.353288	-.023588	1860.285	.0182287
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124247	.1909340	1662.462	.0009170	.0479742	.0362677	1058.179
Stddev	.0001203	.0017932	32.001	.0006146	.0005948	.0057585	4.658
%RSD	.9679869	.9391823	1.924944	67.01480	1.239747	15.87790	.4401642
#1	.0123646	.1926857	1693.238	.0012891	.0485372	.0394249	1059.568
#2	.0123464	.1891020	1629.362	.0012543	.0473521	.0296210	1061.984
#3	.0125632	.1910141	1664.788	.0002077	.0480333	.0397571	1052.985
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.130553	1823.855	.0139933	-.046334	1924.386	.0197244	.0924124
Stddev	.001591	23.111	.0018685	.001305	3.444	.0010974	.0018756
%RSD	1.218740	1.267175	13.35252	2.816251	.1789765	5.563547	2.029553
#1	-.131018	1848.867	.0154233	-.044942	1920.519	.0208953	.0903224
#2	-.128782	1803.292	.0118792	-.046530	1925.513	.0195585	.0929658
#3	-.131861	1819.406	.0146774	-.047529	1927.125	.0187194	.0939490
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1355.449	^ *****	-.011345	.0153414	-.036410	.1316351	.1341836
Stddev	6.496	-----	.001510	.0033849	.001589	.0106120	.0144869
%RSD	.4792273	-----	13.30637	22.06386	4.364151	8.061699	10.79632
#1	1349.414	^ -----	-.009610	.0157842	-.037886	.1353099	.1290517
#2	1354.610	^ -----	-.012361	.0184831	-.034728	.1399212	.1505379
#3	1362.324	^ -----	-.012063	.0117569	-.036616	.1196741	.1229613

Sample Name: LR1 Acquired: 11/11/2024 17:28:14 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	-.196376	.5622479	-1.04487
Stddev	.015948	.0012699	.00480
%RSD	8.121312	.2258605	.4597558

#1	-.187022	.5610925	-1.04621
#2	-.187315	.5636076	-1.04885
#3	-.214791	.5620437	-1.03953

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1582.805	36620.65	10187.84	1112.342	2170.513
Stddev	4.454	160.50	121.93	2.503	9.212
%RSD	.2814240	.4382642	1.196827	.2250174	.4244192

#1	1578.429	36786.92	10103.58	1115.108	2162.223
#2	1587.334	36466.63	10327.65	1110.233	2180.431
#3	1582.651	36608.41	10132.28	1111.685	2168.886

Sample Name: LR2 Acquired: 11/11/2024 17:33:08 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	.0072596	-.049325	232.2328	.0068068	.0034159	.0204023	^F *****
Stddev	.0026818	.002238	.6528	.0008516	.0003993	.0059618	----
%RSD	36.94108	4.537852	.2810866	12.51143	11.69025	29.22095	----

#1	.0058050	-.051318	232.0738	.0076090	.0030776	.0229098	^ ----
#2	.0103544	-.046903	231.6743	.0068984	.0038564	.0247008	^ ----
#3	.0056195	-.049753	232.9504	.0059131	.0033138	.0135964	^ ----

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003251	-.006285	.2311237	.0074749	-.009212	272.8433	-.050888
Stddev	.000111	.000129	.0045755	.0003107	.000286	1.1623	.002138
%RSD	3.415986	2.050763	1.979695	4.156467	3.103213	.4259799	4.200814

#1	-.003172	-.006409	.2316668	.0071736	-.008889	272.1804	-.048541
#2	-.003204	-.006152	.2263009	.0074568	-.009312	272.1641	-.052725
#3	-.003378	-.006296	.2354035	.0077942	-.009434	274.1853	-.051396

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.43354	-.104368	45.97170	.0024940	-1.23613	-.014990	31.57509
Stddev	.49041	.003295	.12008	.0002665	.01732	.000505	.24450
%RSD	1.155711	3.156777	.2612038	10.68671	1.401555	3.366603	.7743486

#1	42.92653	-.108112	45.96841	.0026125	-1.24349	-.014543	31.51876
#2	41.94575	-.101913	45.85330	.0021887	-1.21633	-.014890	31.84284
#3	42.42835	-.103077	46.09340	.0026807	-1.24855	-.015537	31.36366

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2261632	.0021846	-.006725	-.005805	-.040440	-.011557	.1656563
Stddev	.0358476	.0001251	.000240	.000244	.000168	.003634	.0062007
%RSD	15.85033	5.724469	3.562457	4.196618	.4165948	31.44797	3.743082

#1	.2636274	.0022223	-.006600	-.005588	-.040295	-.007384	.1666327
#2	.2226752	.0022864	-.006574	-.006068	-.040625	-.014031	.1713109
#3	.1921871	.0020450	-.007001	-.005760	-.040401	-.013256	.1590254

Sample Name: LR2 Acquired: 11/11/2024 17:33:08 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	.0203803	-.000472	.0019961
Stddev	.0023516	.001896	.0000236
%RSD	11.53885	401.5956	1.184018

#1	.0210110	-.000199	.0020204
#2	.0223523	.001273	.0019949
#3	.0177776	-.002490	.0019731

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2435.089	57711.73	13549.51	1738.107	4206.888
Stddev	8.266	71.26	68.65	6.515	13.755
%RSD	.3394600	.1234789	.5066868	.3748167	.3269662

#1	2440.095	57679.84	13474.63	1732.968	4214.994
#2	2439.623	57661.98	13609.49	1735.918	4214.665
#3	2425.548	57793.36	13564.40	1745.434	4191.007

Sample Name: CCV04 Acquired: 11/11/2024 17:38:54 Type: Unk
Method: NON EPA-6010-200.7(v2467) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.094742	5.471649	4.905319	5.315874	5.190267	9.892479	9.675340
Stddev	.006724	.023823	.022045	.016917	.018522	.040679	.160874
%RSD	.1319856	.4353864	.4494112	.3182408	.3568672	.4112154	1.662720
#1	5.088052	5.446701	4.889035	5.297516	5.174956	9.937464	9.860675
#2	5.094675	5.494159	4.896517	5.319271	5.184990	9.881693	9.571776
#3	5.101500	5.474087	4.930405	5.330835	5.210855	9.858279	9.593570
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2384162	2.406285	23.63854	.9475010	2.438365	1.276602	4.995528
Stddev	.0012919	.013410	.16570	.0042262	.014294	.004113	.053208
%RSD	.5418502	.5573050	.7009583	.4460354	.5862269	.3221580	1.065115
#1	.2393963	2.395936	23.57545	.9517452	2.428597	1.273828	4.935984
#2	.2369523	2.401484	23.51365	.9474647	2.431726	1.274651	5.012185
#3	.2389000	2.421435	23.82651	.9432931	2.454772	1.281327	5.038414
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.335197	23.76234	2.438439	1.262492	26.00617	2.404735	2.513806
Stddev	.019831	.27120	.014791	.001919	.31768	.007053	.008100
%RSD	.8492143	1.141289	.6065907	.1519821	1.221557	.2933147	.3222200
#1	2.319502	23.69635	2.426471	1.263351	26.03388	2.408447	2.507599
#2	2.328605	23.53023	2.433871	1.263831	26.30909	2.396601	2.522969
#3	2.357485	24.06045	2.454976	1.260293	25.67554	2.409158	2.510852
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.28797	4.562693	5.222402	4.867454	4.761035	5.197049	5.093732
Stddev	.14711	.025334	.016251	.026962	.002691	.053800	.018719
%RSD	.5596003	.5552360	.3111759	.5539152	.0565171	1.035208	.3674963
#1	26.20612	4.586595	5.209411	4.845863	4.764142	5.135785	5.098232
#2	26.45780	4.536136	5.217170	4.858826	4.759430	5.218765	5.073173
#3	26.20000	4.565348	5.240624	4.897674	4.759534	5.236597	5.109791

Sample Name: CCV04 Acquired: 11/11/2024 17:38:54 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	4.906702	4.692170	4.925860
Stddev	.025268	.036521	.040278
%RSD	.5149782	.7783409	.8176850
#1	4.887852	4.686072	4.960271
#2	4.896840	4.731355	4.881557
#3	4.935415	4.659081	4.935751

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2556.398	56301.37	13371.68	1793.497	4041.217
Stddev	5.118	216.42	69.92	11.891	16.387
%RSD	.2002080	.3843946	.5229326	.6629983	.4054854
#1	2557.716	56209.33	13293.95	1798.852	4050.084
#2	2560.728	56146.18	13429.48	1779.870	4051.259
#3	2550.750	56548.60	13391.60	1801.769	4022.307

Sample Name: CCB04 Acquired: 11/11/2024 17:43:10 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	-.003610	.0002980	.0012348	.0001898	.0018970	.0066539	-.001390
Stddev	.000810	.0009070	.0003274	.0010187	.0022581	.0045052	.000113
%RSD	22.44813	304.3591	26.50961	536.8650	119.0346	67.70879	8.151096
#1	-.004544	-.000359	.0012469	.0011016	.0039173	.0108747	-.001259
#2	-.003098	.001333	.0015560	.0003773	.0023142	.0071771	-.001451
#3	-.003188	-.000080	.0009016	-.000910	-.000541	.0019098	-.001460
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001070	.0001081	-.039126	-.001599	.0001140	.0001975	-.006827
Stddev	.0000452	.0000323	.004740	.000080	.0001340	.0003650	.001108
%RSD	42.21125	29.84713	12.11514	4.992661	117.5393	184.8161	16.23548
#1	.0001541	.0000954	-.034305	-.001687	-.000037	-.000122	-.006116
#2	.0001028	.0001448	-.039291	-.001579	.000160	.000595	-.008104
#3	.0000641	.0000841	-.043781	-.001532	.000219	.000119	-.006260
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001330	.0069542	-.000483	.0005711	-.676973	.0001922	-.003331
Stddev	.0001945	.0077407	.000306	.0000495	.059317	.0006376	.000242
%RSD	146.2993	111.3090	63.22632	8.674385	8.762098	331.6678	7.268293
#1	.0003495	.0130201	-.000578	.0006232	-.727456	.0007847	-.003400
#2	.0000767	-.001764	-.000730	.0005654	-.691820	-.000482	-.003532
#3	-.000027	.009606	-.000141	.0005246	-.611643	.000274	-.003062
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1480414	.0055585	.0001650	-.003230	.0008581	-.004582	-.003983
Stddev	.0294618	.0005706	.0003471	.000938	.0003511	.006726	.001856
%RSD	19.90107	10.26503	210.2894	29.03058	40.91068	146.7871	46.60346
#1	.1455089	.0062159	.0005291	-.002434	.0011934	.003078	-.004240
#2	.1199275	.0052676	.0001281	-.004263	.0008878	-.009522	-.002012
#3	.1786877	.0051920	-.000162	-.002991	.0004932	-.007302	-.005697

Sample Name: CCB04 Acquired: 11/11/2024 17:43:10 Type: Unk
Method: NON EPA-6010-200.7(v2467) 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	.0099553	.0003135	.0003460
Stddev	.0017032	.0014872	.0000955
%RSD	17.10862	474.3616	27.59549

#1	.0092636	-.000070	.0004490
#2	.0087068	-.000945	.0003286
#3	.0118956	.001955	.0002605

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2721.844	58547.13	13379.45	1894.941	4608.892
Stddev	5.877	121.91	31.01	8.146	9.539
%RSD	.2159016	.2082226	.2317941	.4298896	.2069593

#1	2716.833	58465.06	13345.41	1889.410	4607.096
#2	2728.312	58489.13	13386.83	1891.117	4619.201
#3	2720.386	58687.21	13406.10	1904.295	4600.379

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pipette ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

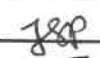
Block ID: 1. HOT BLOCK #3 2. N/A

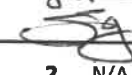
Start Digest Date: 11/08/2024 Time : 12:30 Temp : 96 °C

End Digest Date: 11/08/2024 Time : 15:35 Temp : 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #3

Dig Technician Signature: 

Supervisor Signature: 

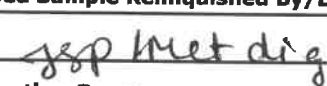
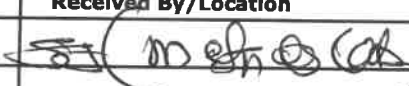
Temp : 1. 96°C 2. N/A

Standard 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	M6116
1:1 HCL	5.00	MP82127
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 : 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/8/24 16:00	 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
P4763-01	WATER TREATMENT DISCHARGE	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	1
P4763-01DUP	WATER TREATMENT DISCHARGE DUP	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	2
P4763-01MS	WATER TREATMENT DISCHARGE MS	<2	50	25	Colorless	Colorless	Clear	Clear	M6000,M6009	3
P4763-01MSD	WATER TREATMENT DISCHARGE MSD	<2	50	25	Colorless	Colorless	Clear	Clear	M6000,M6009	4
PB164796BL	PBW796	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	5
PB164796BS	LCS796	<2	50	25	Colorless	Colorless	Clear	Clear	M6000,M6009	6

WORKLIST(Hardcopy Internal Chain)

Worklist Name : PB164796

Worklist ID : 185256

Department : Digestion

Date : 11-08-2024 12:03:01

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4763-01	Water Treatment Discharge	Water	Metals Group4	1:1 HNO3 to pH < 2	VER101	L11	11/07/2024	6010D

Date/Time

11/8/24

12:15

Raw Sample Received by:

Raw Sample Relinquished by:

[Signature]
[Signature]

Date/Time

11/8/24

13:15

Raw Sample Received by:

Raw Sample Relinquished by:

[Signature]
[Signature]

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB133395

Review By	kareem	Review On	11/12/2024 2:12:26 PM
Supervise By	jaswal	Supervise On	11/12/2024 9:51:41 PM
STD. NAME	STD REF.#		
ICAL Standard	MP83078,MP8379,MP83080,MP83081,MP83082,MP83084		
ICV Standard	MP83085		
CCV Standard	MP83088		
ICSA Standard	MP83086,MP83087		
CRI Standard	MP83084		
LCS Standard			
Chk Standard	MP83091,MP83092		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/11/24 13:59		Kareem	OK
2	S1	S1	CAL2	11/11/24 14:04		Kareem	OK
3	S2	S2	CAL3	11/11/24 14:08		Kareem	OK
4	S3	S3	CAL4	11/11/24 14:12		Kareem	OK
5	S4	S4	CAL5	11/11/24 14:17		Kareem	OK
6	S5	S5	CAL6	11/11/24 14:21		Kareem	OK
7	ICV01	ICV01	ICV	11/11/24 14:25		Kareem	OK
8	LLICV01	LLICV01	LLICV	11/11/24 14:47		Kareem	OK
9	ICB01	ICB01	ICB	11/11/24 14:52		Kareem	OK
10	CRI01	CRI01	CRDL	11/11/24 14:59		Kareem	OK
11	ICSA01	ICSA01	ICSA	11/11/24 15:04		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	11/11/24 15:08		Kareem	OK
13	CCV01	CCV01	CCV	11/11/24 15:14		Kareem	OK
14	CCB01	CCB01	CCB	11/11/24 15:23		Kareem	OK
15	P4797-01	2885	SAM	11/11/24 15:28		Kareem	OK
16	P4701-04	BP-F3	SAM	11/11/24 15:33		Kareem	OK
17	CCV02	CCV02	CCV	11/11/24 15:37		Kareem	OK
18	CCB02	CCB02	CCB	11/11/24 15:42		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB133395

Review By	kareem	Review On	11/12/2024 2:12:26 PM
Supervise By	jaswal	Supervise On	11/12/2024 9:51:41 PM

STD. NAME	STD REF.#
ICAL Standard	MP83078,MP8379,MP83080,MP83081,MP83082,MP83084
ICV Standard	MP83085
CCV Standard	MP83088
ICSA Standard	MP83086,MP83087
CRI Standard	MP83084
LCS Standard	
Chk Standard	MP83091,MP83092

19	P4791-02	HINCHMAN-OILY-WA	SAM	11/11/24 15:46		Kareem	OK
20	P4791-02DUP	HINCHMAN-OILY-WA	DUP	11/11/24 15:51		Kareem	OK
21	P4791-02L	HINCHMAN-OILY-WA	SD	11/11/24 15:55		Kareem	OK
22	P4791-02MS	HINCHMAN-OILY-WA	MS	11/11/24 15:59	0.1ML OF M6010 AND M6001 WERE ADDED TO 10ML OF SAMPLE	Kareem	OK
23	P4791-02MSD	HINCHMAN-OILY-WA	MSD	11/11/24 16:03	0.1ML OF M6010 AND M6001 WERE ADDED TO 10ML OF SAMPLE	Kareem	OK
24	P4791-02A	HINCHMAN-OILY-WA	PS	11/11/24 16:07	0.1ML OF M6010 AND M6001 WERE ADDED TO 10ML OF SAMPLE	Kareem	OK
25	P4792-04	MANHOLE-WASTE-D	SAM	11/11/24 16:11		Kareem	OK
26	PB164826BL	PB164826BL	MB	11/11/24 16:22		Kareem	OK
27	PB164826BS	PB164826BS	LCS	11/11/24 16:26	0.1ML OF M6010 AND M6001 WERE ADDED TO 10ML OF SAMPLE	Kareem	OK
28	P4763-01	Water Treatment Disc	SAM	11/11/24 16:30		Kareem	OK
29	CCV03	CCV03	CCV	11/11/24 16:39		Kareem	OK
30	CCB03	CCB03	CCB	11/11/24 16:43		Kareem	OK
31	P4763-01DUP	Water Treatment Disc	DUP	11/11/24 16:55		Kareem	OK
32	P4763-01L	Water Treatment Disc	SD	11/11/24 16:59		Kareem	OK
33	P4763-01MS	Water Treatment Disc	MS	11/11/24 17:04	0.1ML OF M6010 AND M6001 WERE ADDED TO 10ML OF SAMPLE	Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB133395

Review By	kareem	Review On	11/12/2024 2:12:26 PM
Supervise By	jaswal	Supervise On	11/12/2024 9:51:41 PM

STD. NAME	STD REF.#
ICAL Standard	MP83078,MP8379,MP83080,MP83081,MP83082,MP83084
ICV Standard	MP83085
CCV Standard	MP83088
ICSA Standard	MP83086,MP83087
CRI Standard	MP83084
LCS Standard	
Chk Standard	MP83091,MP83092

34	P4763-01MSD	Water Treatment Disc	MSD	11/11/24 17:08	0.1ML OF M6010 AND M6001 WERE ADDED TO 10ML OF SAMPLE	Kareem	OK
35	P4763-01A	Water Treatment Disc	PS	11/11/24 17:12	0.1ML OF M6010 AND M6001 WERE ADDED TO 10ML OF SAMPLE	Kareem	OK
36	PB164796BL	PB164796BL	MB	11/11/24 17:16		Kareem	OK
37	PB164796BS	PB164796BS	LCS	11/11/24 17:20	0.1ML OF M6010 AND M6001 WERE ADDED TO 10ML OF SAMPLE	Kareem	OK
38	LR1	LR1	HIGH STD	11/11/24 17:28		Kareem	OK
39	LR2	LR2	HIGH STD	11/11/24 17:33		Kareem	OK
40	CCV04	CCV04	CCV	11/11/24 17:38		Kareem	OK
41	CCB04	CCB04	CCB	11/11/24 17:43		Kareem	OK



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Verina Consulting Group
ADDRESS: 1011 US-22, Suite 302
CITY: Bridgewater STATE: NJ ZIP: 08807
ATTENTION: Michael Valenzi
PHONE: 908-864-4400 FAX: 908-864-4400

CLIENT PROJECT INFORMATION

PROJECT NAME: Rotor Clip
PROJECT NO.: 5183.0001 LOCATION: NJ
PROJECT MANAGER: Michael Valenzi
e-mail: mvalenzi@vcg-llc.com
PHONE: 908-864-4400 FAX: 908-864-4400

CLIENT BILLING INFORMATION

BILL TO: SEE LEFT PO#: 5183.0001
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) 5 DAYS*
HARDCOPY (DATA PACKAGE): 5 DAYS*
EDD: 5 DAYS*

*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

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

1. Cr, Cu, Ni, Zn
2. Chlorine Demand
3. Ammonia
4.
5.
6.
7.
8.
9.

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										COMMENTS ← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER
			COMP	GRAB	DATE	TIME		B	E	C							
1.	Water Treatment Discharge	ww	X		11/07/24	10:13	3	X	X	X							
2.																	
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. <i>Levin Valenzi</i>	DATE/TIME: 11/07/24	RECEIVED BY: <i>[Signature]</i> 1215 11-7-24	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.76 °C Comments: Flow rate: 49 pH: 9.13 Temperature: 71.4 °F
RELINQUISHED BY SAMPLER: 2. <i>[Signature]</i>	DATE/TIME:	RECEIVED BY: 2. <i>[Signature]</i>	
RELINQUISHED BY SAMPLER: 3. <i>[Signature]</i>	DATE/TIME: 11-7-24	RECEIVED BY: 3. <i>[Signature]</i>	

Page 1 of 1

CLIENT: ☐ Hand Delivered ☐ Other

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