

Cover Page

Order ID : Q2994

Project ID : Bayshore Soil BSM Management

Client : Core Environmental Consultants and Services, Inc.

Lab Sample Number

Q2994-01

Client Sample Number

PAULDING-WC1

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

Signature : _____

Date: 9/4/2025

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 #: Q2994

Completed

For thorough review, the report must have the following:

GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

COVER PAGE:

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

✓

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

✓

CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: MAHESH PATEL

Date: 09/04/2025

LAB CHRONICLE

OrderID:	Q2994	OrderDate:	8/29/2025 1:47:15 PM
Client:	Core Environmental Consultants and Services, Inc.	Project:	Bayshore Soil BSM Management
Contact:	Ronald Tramosch	Location:	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2994-01	PAULDING-WC1	SOIL			08/29/25			08/29/25
			Mercury	7471B		09/03/25	09/03/25	
			Metals ICP-TAL	6010D		09/02/25	09/02/25	

Hit Summary Sheet
SW-846

SDG No.: Q2994

Order ID: Q2994

Client: Core Environmental Consultants and Services, Inc.

Project ID: Bayshore Soil BSM Management

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : PAULDING-WC1								
Q2994-01	PAULDING-WC1	SOIL	Aluminum	4740		0.80	4.78	mg/Kg
Q2994-01	PAULDING-WC1	SOIL	Arsenic	4.19		0.18	0.96	mg/Kg
Q2994-01	PAULDING-WC1	SOIL	Barium	50.1		0.70	4.78	mg/Kg
Q2994-01	PAULDING-WC1	SOIL	Beryllium	0.40		0.024	0.29	mg/Kg
Q2994-01	PAULDING-WC1	SOIL	Cadmium	0.49		0.023	0.29	mg/Kg
Q2994-01	PAULDING-WC1	SOIL	Calcium	11100		10.6	95.6	mg/Kg
Q2994-01	PAULDING-WC1	SOIL	Chromium	10.9		0.045	0.48	mg/Kg
Q2994-01	PAULDING-WC1	SOIL	Cobalt	5.50		0.096	1.43	mg/Kg
Q2994-01	PAULDING-WC1	SOIL	Copper	46.8		0.21	0.96	mg/Kg
Q2994-01	PAULDING-WC1	SOIL	Iron	12100		3.81	4.78	mg/Kg
Q2994-01	PAULDING-WC1	SOIL	Lead	196		0.12	0.57	mg/Kg
Q2994-01	PAULDING-WC1	SOIL	Magnesium	4460		11.5	95.6	mg/Kg
Q2994-01	PAULDING-WC1	SOIL	Manganese	192		0.13	0.96	mg/Kg
Q2994-01	PAULDING-WC1	SOIL	Mercury	0.87	D	0.016	0.029	mg/Kg
Q2994-01	PAULDING-WC1	SOIL	Nickel	18.2		0.12	1.91	mg/Kg
Q2994-01	PAULDING-WC1	SOIL	Potassium	1090		26.5	95.6	mg/Kg
Q2994-01	PAULDING-WC1	SOIL	Silver	0.53		0.12	0.48	mg/Kg
Q2994-01	PAULDING-WC1	SOIL	Sodium	753		17.0	95.6	mg/Kg
Q2994-01	PAULDING-WC1	SOIL	Vanadium	16.0		0.24	1.91	mg/Kg
Q2994-01	PAULDING-WC1	SOIL	Zinc	111		0.22	1.91	mg/Kg



SAMPLE DATA

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	08/29/25
Project:	Bayshore Soil BSM Management	Date Received:	08/29/25
Client Sample ID:	PAULDING-WC1	SDG No.:	Q2994
Lab Sample ID:	Q2994-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	91

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4740		1	0.80	4.78	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7440-36-0	Antimony	0.21	UN	1	0.21	2.39	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7440-38-2	Arsenic	4.19	*	1	0.18	0.96	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7440-39-3	Barium	50.1	N	1	0.70	4.78	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7440-41-7	Beryllium	0.40		1	0.024	0.29	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7440-43-9	Cadmium	0.49		1	0.023	0.29	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7440-70-2	Calcium	11100		1	10.6	95.6	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7440-47-3	Chromium	10.9		1	0.045	0.48	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7440-48-4	Cobalt	5.50		1	0.096	1.43	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7440-50-8	Copper	46.8	N*	1	0.21	0.96	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7439-89-6	Iron	12100		1	3.81	4.78	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7439-92-1	Lead	196	N*	1	0.12	0.57	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7439-95-4	Magnesium	4460	*	1	11.5	95.6	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7439-96-5	Manganese	192		1	0.13	0.96	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7439-97-6	Mercury	0.87	DN	2	0.016	0.029	mg/Kg	09/03/25 09:15	09/03/25 14:28	7471B	
7440-02-0	Nickel	18.2		1	0.12	1.91	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7440-09-7	Potassium	1090	N	1	26.5	95.6	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7782-49-2	Selenium	0.25	U	1	0.25	0.96	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7440-22-4	Silver	0.53		1	0.12	0.48	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7440-23-5	Sodium	753	N	1	17.0	95.6	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.91	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7440-62-2	Vanadium	16.0		1	0.24	1.91	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7440-66-6	Zinc	111		1	0.22	1.91	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, Inc

SDG No.: Q2994

Contract: CORE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV19	Mercury	3.92	4.0	98	90 - 110	CV	09/03/2025	13:16	LB137054

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, Inc

SDG No.: Q2994

Contract: CORE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV55	Mercury	5.17	5.0	104	90 - 110	CV	09/03/2025	13:21	LB137054
CCV56	Mercury	5.03	5.0	101	90 - 110	CV	09/03/2025	13:53	LB137054
CCV57	Mercury	5.10	5.0	102	90 - 110	CV	09/03/2025	14:21	LB137054
CCV58	Mercury	5.10	5.0	102	90 - 110	CV	09/03/2025	14:30	LB137054

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q2994

Contract: CORE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7900	8000	99	90 - 110	P	09/02/2025	11:30	LB137041
	Antimony	4120	4000	103	90 - 110	P	09/02/2025	11:30	LB137041
	Arsenic	4020	4000	101	90 - 110	P	09/02/2025	11:30	LB137041
	Barium	7990	8000	100	90 - 110	P	09/02/2025	11:30	LB137041
	Beryllium	200	200	100	90 - 110	P	09/02/2025	11:30	LB137041
	Cadmium	1990	2000	100	90 - 110	P	09/02/2025	11:30	LB137041
	Calcium	19700	20000	98	90 - 110	P	09/02/2025	11:30	LB137041
	Chromium	820	800	102	90 - 110	P	09/02/2025	11:30	LB137041
	Cobalt	1990	2000	100	90 - 110	P	09/02/2025	11:30	LB137041
	Copper	1020	1000	102	90 - 110	P	09/02/2025	11:30	LB137041
	Iron	4090	4000	102	90 - 110	P	09/02/2025	11:30	LB137041
	Lead	3920	4000	98	90 - 110	P	09/02/2025	11:30	LB137041
	Magnesium	19600	20000	98	90 - 110	P	09/02/2025	11:30	LB137041
	Manganese	1950	2000	98	90 - 110	P	09/02/2025	11:30	LB137041
	Nickel	1990	2000	100	90 - 110	P	09/02/2025	11:30	LB137041
	Potassium	20200	20000	101	90 - 110	P	09/02/2025	11:30	LB137041
	Selenium	4070	4000	102	90 - 110	P	09/02/2025	11:30	LB137041
	Silver	1030	1000	103	90 - 110	P	09/02/2025	11:30	LB137041
	Sodium	19700	20000	98	90 - 110	P	09/02/2025	11:30	LB137041
	Thallium	4050	4000	101	90 - 110	P	09/02/2025	11:30	LB137041
	Vanadium	1970	2000	99	90 - 110	P	09/02/2025	11:30	LB137041
	Zinc	2030	2000	102	90 - 110	P	09/02/2025	11:30	LB137041

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, Inc

SDG No.: Q2994

Contract: CORE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	112	100	112	80 - 120	P	09/02/2025	11:34	LB137041
	Antimony	49.3	50.0	99	80 - 120	P	09/02/2025	11:34	LB137041
	Arsenic	22.0	20.0	110	80 - 120	P	09/02/2025	11:34	LB137041
	Barium	99.2	100	99	80 - 120	P	09/02/2025	11:34	LB137041
	Beryllium	6.24	6.0	104	80 - 120	P	09/02/2025	11:34	LB137041
	Cadmium	6.01	6.0	100	80 - 120	P	09/02/2025	11:34	LB137041
	Calcium	2090	2000	104	80 - 120	P	09/02/2025	11:34	LB137041
	Chromium	10.2	10.0	102	80 - 120	P	09/02/2025	11:34	LB137041
	Cobalt	29.8	30.0	99	80 - 120	P	09/02/2025	11:34	LB137041
	Copper	21.7	20.0	109	80 - 120	P	09/02/2025	11:34	LB137041
	Iron	114	100	114	80 - 120	P	09/02/2025	11:34	LB137041
	Lead	12.3	12.0	103	80 - 120	P	09/02/2025	11:34	LB137041
	Magnesium	2210	2000	110	80 - 120	P	09/02/2025	11:34	LB137041
	Manganese	21.8	20.0	109	80 - 120	P	09/02/2025	11:34	LB137041
	Nickel	40.3	40.0	101	80 - 120	P	09/02/2025	11:34	LB137041
	Potassium	2050	2000	102	80 - 120	P	09/02/2025	11:34	LB137041
	Selenium	22.6	20.0	113	80 - 120	P	09/02/2025	11:34	LB137041
	Silver	10.5	10.0	106	80 - 120	P	09/02/2025	11:34	LB137041
	Sodium	1870	2000	94	80 - 120	P	09/02/2025	11:34	LB137041
	Thallium	42.1	40.0	105	80 - 120	P	09/02/2025	11:34	LB137041
	Vanadium	40.6	40.0	101	80 - 120	P	09/02/2025	11:34	LB137041
	Zinc	43.6	40.0	109	80 - 120	P	09/02/2025	11:34	LB137041

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, Inc

SDG No.: Q2994

Contract: CORE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	10400	10000	104	90 - 110	P	09/02/2025	12:20	LB137041
	Antimony	5300	5000	106	90 - 110	P	09/02/2025	12:20	LB137041
	Arsenic	5280	5000	106	90 - 110	P	09/02/2025	12:20	LB137041
	Barium	10200	10000	102	90 - 110	P	09/02/2025	12:20	LB137041
	Beryllium	260	250	104	90 - 110	P	09/02/2025	12:20	LB137041
	Cadmium	2620	2500	105	90 - 110	P	09/02/2025	12:20	LB137041
	Calcium	25900	25000	104	90 - 110	P	09/02/2025	12:20	LB137041
	Chromium	1080	1000	108	90 - 110	P	09/02/2025	12:20	LB137041
	Cobalt	2600	2500	104	90 - 110	P	09/02/2025	12:20	LB137041
	Copper	1320	1250	106	90 - 110	P	09/02/2025	12:20	LB137041
	Iron	5300	5000	106	90 - 110	P	09/02/2025	12:20	LB137041
	Lead	5190	5000	104	90 - 110	P	09/02/2025	12:20	LB137041
	Magnesium	25900	25000	104	90 - 110	P	09/02/2025	12:20	LB137041
	Manganese	2540	2500	102	90 - 110	P	09/02/2025	12:20	LB137041
	Nickel	2610	2500	104	90 - 110	P	09/02/2025	12:20	LB137041
	Potassium	26300	25000	105	90 - 110	P	09/02/2025	12:20	LB137041
	Selenium	5360	5000	107	90 - 110	P	09/02/2025	12:20	LB137041
	Silver	1320	1250	106	90 - 110	P	09/02/2025	12:20	LB137041
	Sodium	25600	25000	102	90 - 110	P	09/02/2025	12:20	LB137041
	Thallium	5290	5000	106	90 - 110	P	09/02/2025	12:20	LB137041
	Vanadium	2600	2500	104	90 - 110	P	09/02/2025	12:20	LB137041
	Zinc	2680	2500	107	90 - 110	P	09/02/2025	12:20	LB137041
CCV02	Aluminum	10200	10000	102	90 - 110	P	09/02/2025	13:19	LB137041
	Antimony	5400	5000	108	90 - 110	P	09/02/2025	13:19	LB137041
	Arsenic	5340	5000	107	90 - 110	P	09/02/2025	13:19	LB137041
	Barium	9840	10000	98	90 - 110	P	09/02/2025	13:19	LB137041
	Beryllium	256	250	102	90 - 110	P	09/02/2025	13:19	LB137041
	Cadmium	2590	2500	104	90 - 110	P	09/02/2025	13:19	LB137041
	Calcium	25000	25000	100	90 - 110	P	09/02/2025	13:19	LB137041
	Chromium	1060	1000	106	90 - 110	P	09/02/2025	13:19	LB137041
	Cobalt	2590	2500	104	90 - 110	P	09/02/2025	13:19	LB137041
	Copper	1320	1250	106	90 - 110	P	09/02/2025	13:19	LB137041
	Iron	5040	5000	101	90 - 110	P	09/02/2025	13:19	LB137041
	Lead	5140	5000	103	90 - 110	P	09/02/2025	13:19	LB137041

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q2994

Contract: CORE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24900	25000	100	90 - 110	P	09/02/2025	13:19	LB137041
	Manganese	2430	2500	97	90 - 110	P	09/02/2025	13:19	LB137041
	Nickel	2590	2500	104	90 - 110	P	09/02/2025	13:19	LB137041
	Potassium	25400	25000	102	90 - 110	P	09/02/2025	13:19	LB137041
	Selenium	5460	5000	109	90 - 110	P	09/02/2025	13:19	LB137041
	Silver	1310	1250	105	90 - 110	P	09/02/2025	13:19	LB137041
	Sodium	23300	25000	93	90 - 110	P	09/02/2025	13:19	LB137041
	Thallium	5430	5000	109	90 - 110	P	09/02/2025	13:19	LB137041
	Vanadium	2540	2500	102	90 - 110	P	09/02/2025	13:19	LB137041
	Zinc	2530	2500	101	90 - 110	P	09/02/2025	13:19	LB137041
CCV03	Aluminum	10300	10000	103	90 - 110	P	09/02/2025	14:08	LB137041
	Antimony	5400	5000	108	90 - 110	P	09/02/2025	14:08	LB137041
	Arsenic	5320	5000	106	90 - 110	P	09/02/2025	14:08	LB137041
	Barium	10100	10000	101	90 - 110	P	09/02/2025	14:08	LB137041
	Beryllium	256	250	102	90 - 110	P	09/02/2025	14:08	LB137041
	Cadmium	2590	2500	104	90 - 110	P	09/02/2025	14:08	LB137041
	Calcium	25300	25000	101	90 - 110	P	09/02/2025	14:08	LB137041
	Chromium	1070	1000	107	90 - 110	P	09/02/2025	14:08	LB137041
	Cobalt	2590	2500	104	90 - 110	P	09/02/2025	14:08	LB137041
	Copper	1320	1250	106	90 - 110	P	09/02/2025	14:08	LB137041
	Iron	5290	5000	106	90 - 110	P	09/02/2025	14:08	LB137041
	Lead	5140	5000	103	90 - 110	P	09/02/2025	14:08	LB137041
	Magnesium	25200	25000	101	90 - 110	P	09/02/2025	14:08	LB137041
	Manganese	2480	2500	99	90 - 110	P	09/02/2025	14:08	LB137041
	Nickel	2590	2500	104	90 - 110	P	09/02/2025	14:08	LB137041
	Potassium	26300	25000	105	90 - 110	P	09/02/2025	14:08	LB137041
	Selenium	5460	5000	109	90 - 110	P	09/02/2025	14:08	LB137041
	Silver	1330	1250	106	90 - 110	P	09/02/2025	14:08	LB137041
	Sodium	25000	25000	100	90 - 110	P	09/02/2025	14:08	LB137041
	Thallium	5370	5000	107	90 - 110	P	09/02/2025	14:08	LB137041
	Vanadium	2560	2500	103	90 - 110	P	09/02/2025	14:08	LB137041
	Zinc	2650	2500	106	90 - 110	P	09/02/2025	14:08	LB137041
CCV04	Aluminum	10300	10000	103	90 - 110	P	09/02/2025	14:59	LB137041
	Antimony	5420	5000	108	90 - 110	P	09/02/2025	14:59	LB137041

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q2994

Contract: CORE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	5350	5000	107	90 - 110	P	09/02/2025	14:59	LB137041
	Barium	10100	10000	101	90 - 110	P	09/02/2025	14:59	LB137041
	Beryllium	252	250	101	90 - 110	P	09/02/2025	14:59	LB137041
	Cadmium	2590	2500	104	90 - 110	P	09/02/2025	14:59	LB137041
	Calcium	25400	25000	102	90 - 110	P	09/02/2025	14:59	LB137041
	Chromium	1070	1000	107	90 - 110	P	09/02/2025	14:59	LB137041
	Cobalt	2590	2500	104	90 - 110	P	09/02/2025	14:59	LB137041
	Copper	1320	1250	106	90 - 110	P	09/02/2025	14:59	LB137041
	Iron	5350	5000	107	90 - 110	P	09/02/2025	14:59	LB137041
	Lead	5140	5000	103	90 - 110	P	09/02/2025	14:59	LB137041
	Magnesium	25500	25000	102	90 - 110	P	09/02/2025	14:59	LB137041
	Manganese	2500	2500	100	90 - 110	P	09/02/2025	14:59	LB137041
	Nickel	2600	2500	104	90 - 110	P	09/02/2025	14:59	LB137041
	Potassium	26400	25000	106	90 - 110	P	09/02/2025	14:59	LB137041
	Selenium	5490	5000	110	90 - 110	P	09/02/2025	14:59	LB137041
	Silver	1320	1250	106	90 - 110	P	09/02/2025	14:59	LB137041
	Sodium	25600	25000	102	90 - 110	P	09/02/2025	14:59	LB137041
	Thallium	5470	5000	109	90 - 110	P	09/02/2025	14:59	LB137041
	Vanadium	2580	2500	103	90 - 110	P	09/02/2025	14:59	LB137041
	Zinc	2630	2500	105	90 - 110	P	09/02/2025	14:59	LB137041
CCV05	Aluminum	9690	10000	97	90 - 110	P	09/02/2025	16:03	LB137041
	Antimony	5140	5000	103	90 - 110	P	09/02/2025	16:03	LB137041
	Arsenic	5070	5000	101	90 - 110	P	09/02/2025	16:03	LB137041
	Barium	9490	10000	95	90 - 110	P	09/02/2025	16:03	LB137041
	Beryllium	234	250	93	90 - 110	P	09/02/2025	16:03	LB137041
	Cadmium	2420	2500	97	90 - 110	P	09/02/2025	16:03	LB137041
	Calcium	23800	25000	95	90 - 110	P	09/02/2025	16:03	LB137041
	Chromium	984	1000	98	90 - 110	P	09/02/2025	16:03	LB137041
	Cobalt	2440	2500	97	90 - 110	P	09/02/2025	16:03	LB137041
	Copper	1250	1250	100	90 - 110	P	09/02/2025	16:03	LB137041
	Iron	4860	5000	97	90 - 110	P	09/02/2025	16:03	LB137041
	Lead	4800	5000	96	90 - 110	P	09/02/2025	16:03	LB137041
	Magnesium	23800	25000	95	90 - 110	P	09/02/2025	16:03	LB137041
	Manganese	2340	2500	94	90 - 110	P	09/02/2025	16:03	LB137041

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, Inc

SDG No.: Q2994

Contract: CORE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2440	2500	98	90 - 110	P	09/02/2025	16:03	LB137041
	Potassium	24900	25000	100	90 - 110	P	09/02/2025	16:03	LB137041
	Selenium	5210	5000	104	90 - 110	P	09/02/2025	16:03	LB137041
	Silver	1230	1250	98	90 - 110	P	09/02/2025	16:03	LB137041
	Sodium	23500	25000	94	90 - 110	P	09/02/2025	16:03	LB137041
	Thallium	4980	5000	100	90 - 110	P	09/02/2025	16:03	LB137041
	Vanadium	2420	2500	97	90 - 110	P	09/02/2025	16:03	LB137041
	Zinc	2470	2500	99	90 - 110	P	09/02/2025	16:03	LB137041
CCV06	Aluminum	9710	10000	97	90 - 110	P	09/02/2025	16:54	LB137041
	Antimony	5220	5000	104	90 - 110	P	09/02/2025	16:54	LB137041
	Arsenic	5140	5000	103	90 - 110	P	09/02/2025	16:54	LB137041
	Barium	9580	10000	96	90 - 110	P	09/02/2025	16:54	LB137041
	Beryllium	237	250	95	90 - 110	P	09/02/2025	16:54	LB137041
	Cadmium	2450	2500	98	90 - 110	P	09/02/2025	16:54	LB137041
	Calcium	23800	25000	95	90 - 110	P	09/02/2025	16:54	LB137041
	Chromium	1010	1000	101	90 - 110	P	09/02/2025	16:54	LB137041
	Cobalt	2460	2500	98	90 - 110	P	09/02/2025	16:54	LB137041
	Copper	1260	1250	101	90 - 110	P	09/02/2025	16:54	LB137041
	Iron	5060	5000	101	90 - 110	P	09/02/2025	16:54	LB137041
	Lead	4860	5000	97	90 - 110	P	09/02/2025	16:54	LB137041
	Magnesium	23700	25000	95	90 - 110	P	09/02/2025	16:54	LB137041
	Manganese	2340	2500	93	90 - 110	P	09/02/2025	16:54	LB137041
	Nickel	2460	2500	98	90 - 110	P	09/02/2025	16:54	LB137041
	Potassium	25800	25000	103	90 - 110	P	09/02/2025	16:54	LB137041
	Selenium	5300	5000	106	90 - 110	P	09/02/2025	16:54	LB137041
	Silver	1270	1250	102	90 - 110	P	09/02/2025	16:54	LB137041
	Sodium	23600	25000	94	90 - 110	P	09/02/2025	16:54	LB137041
	Thallium	5080	5000	102	90 - 110	P	09/02/2025	16:54	LB137041
	Vanadium	2430	2500	97	90 - 110	P	09/02/2025	16:54	LB137041
	Zinc	2570	2500	103	90 - 110	P	09/02/2025	16:54	LB137041
CCV07	Aluminum	9570	10000	96	90 - 110	P	09/02/2025	17:43	LB137041
	Antimony	5080	5000	102	90 - 110	P	09/02/2025	17:43	LB137041
	Arsenic	4990	5000	100	90 - 110	P	09/02/2025	17:43	LB137041
	Barium	9600	10000	96	90 - 110	P	09/02/2025	17:43	LB137041

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, Inc

SDG No.: Q2994

Contract: CORE02

Lab Code: ACE

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
CCV07	Beryllium	225	250	90	90 - 110	P	09/02/2025	17:43	LB137041
	Cadmium	2380	2500	95	90 - 110	P	09/02/2025	17:43	LB137041
	Calcium	23500	25000	94	90 - 110	P	09/02/2025	17:43	LB137041
	Chromium	971	1000	97	90 - 110	P	09/02/2025	17:43	LB137041
	Cobalt	2390	2500	96	90 - 110	P	09/02/2025	17:43	LB137041
	Copper	1230	1250	98	90 - 110	P	09/02/2025	17:43	LB137041
	Iron	5110	5000	102	90 - 110	P	09/02/2025	17:43	LB137041
	Lead	4700	5000	94	90 - 110	P	09/02/2025	17:43	LB137041
	Magnesium	23300	25000	93	90 - 110	P	09/02/2025	17:43	LB137041
	Manganese	2330	2500	93	90 - 110	P	09/02/2025	17:43	LB137041
	Nickel	2390	2500	96	90 - 110	P	09/02/2025	17:43	LB137041
	Potassium	25700	25000	103	90 - 110	P	09/02/2025	17:43	LB137041
	Selenium	5150	5000	103	90 - 110	P	09/02/2025	17:43	LB137041
	Silver	1230	1250	98	90 - 110	P	09/02/2025	17:43	LB137041
	Sodium	24700	25000	99	90 - 110	P	09/02/2025	17:43	LB137041
	Thallium	4790	5000	96	90 - 110	P	09/02/2025	17:43	LB137041
	Vanadium	2410	2500	96	90 - 110	P	09/02/2025	17:43	LB137041
	Zinc	2500	2500	100	90 - 110	P	09/02/2025	17:43	LB137041
CCV08	Aluminum	9610	10000	96	90 - 110	P	09/02/2025	18:25	LB137041
	Antimony	5150	5000	103	90 - 110	P	09/02/2025	18:25	LB137041
	Arsenic	5040	5000	101	90 - 110	P	09/02/2025	18:25	LB137041
	Barium	9700	10000	97	90 - 110	P	09/02/2025	18:25	LB137041
	Beryllium	229	250	91	90 - 110	P	09/02/2025	18:25	LB137041
	Cadmium	2400	2500	96	90 - 110	P	09/02/2025	18:25	LB137041
	Calcium	23700	25000	95	90 - 110	P	09/02/2025	18:25	LB137041
	Chromium	977	1000	98	90 - 110	P	09/02/2025	18:25	LB137041
	Cobalt	2420	2500	97	90 - 110	P	09/02/2025	18:25	LB137041
	Copper	1240	1250	99	90 - 110	P	09/02/2025	18:25	LB137041
	Iron	5030	5000	101	90 - 110	P	09/02/2025	18:25	LB137041
	Lead	4760	5000	95	90 - 110	P	09/02/2025	18:25	LB137041
	Magnesium	23300	25000	93	90 - 110	P	09/02/2025	18:25	LB137041
	Manganese	2360	2500	94	90 - 110	P	09/02/2025	18:25	LB137041
	Nickel	2410	2500	97	90 - 110	P	09/02/2025	18:25	LB137041
	Potassium	25200	25000	101	90 - 110	P	09/02/2025	18:25	LB137041

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q2994

Contract: CORE02

Lab Code: ACE

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
CCV08	Selenium	5190	5000	104	90 - 110	P	09/02/2025	18:25	LB137041
	Silver	1230	1250	98	90 - 110	P	09/02/2025	18:25	LB137041
	Sodium	24000	25000	96	90 - 110	P	09/02/2025	18:25	LB137041
	Thallium	4760	5000	95	90 - 110	P	09/02/2025	18:25	LB137041
	Vanadium	2420	2500	97	90 - 110	P	09/02/2025	18:25	LB137041
	Zinc	2490	2500	100	90 - 110	P	09/02/2025	18:25	LB137041

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q2994

Contract: CORE02

Lab Code: ACE

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	Aluminum	114	100	114	65 - 135	P	09/02/2025	11:46	LB137041
	Antimony	51.0	50.0	102	65 - 135	P	09/02/2025	11:46	LB137041
	Arsenic	20.4	20.0	102	65 - 135	P	09/02/2025	11:46	LB137041
	Barium	96.6	100	97	65 - 135	P	09/02/2025	11:46	LB137041
	Beryllium	6.23	6.0	104	65 - 135	P	09/02/2025	11:46	LB137041
	Cadmium	5.96	6.0	99	65 - 135	P	09/02/2025	11:46	LB137041
	Calcium	2050	2000	103	65 - 135	P	09/02/2025	11:46	LB137041
	Chromium	10.7	10.0	107	65 - 135	P	09/02/2025	11:46	LB137041
	Cobalt	29.8	30.0	100	65 - 135	P	09/02/2025	11:46	LB137041
	Copper	21.9	20.0	109	65 - 135	P	09/02/2025	11:46	LB137041
	Iron	114	100	114	65 - 135	P	09/02/2025	11:46	LB137041
	Lead	12.9	12.0	108	65 - 135	P	09/02/2025	11:46	LB137041
	Magnesium	2170	2000	108	65 - 135	P	09/02/2025	11:46	LB137041
	Manganese	22.0	20.0	110	65 - 135	P	09/02/2025	11:46	LB137041
	Nickel	40.5	40.0	101	65 - 135	P	09/02/2025	11:46	LB137041
	Potassium	1940	2000	97	65 - 135	P	09/02/2025	11:46	LB137041
	Selenium	18.1	20.0	90	65 - 135	P	09/02/2025	11:46	LB137041
	Silver	10.8	10.0	108	65 - 135	P	09/02/2025	11:46	LB137041
	Sodium	1780	2000	89	65 - 135	P	09/02/2025	11:46	LB137041
	Thallium	42.1	40.0	105	65 - 135	P	09/02/2025	11:46	LB137041
	Vanadium	40.1	40.0	100	65 - 135	P	09/02/2025	11:46	LB137041
	Zinc	43.6	40.0	109	65 - 135	P	09/02/2025	11:46	LB137041
CRA	Mercury	0.22	0.2	108	70 - 130	CV	09/03/2025	13:25	LB137054



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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q2994

Contract: CORE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB19	Mercury	0.076	+/-0.2	U	0.20	CV	09/03/2025	13:18	LB137054

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q2994

Contract: CORE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB55	Mercury	0.076	+/-0.2	U	0.20	CV	09/03/2025	13:23	LB137054
CCB56	Mercury	0.076	+/-0.2	U	0.20	CV	09/03/2025	13:56	LB137054
CCB57	Mercury	0.076	+/-0.2	U	0.20	CV	09/03/2025	14:23	LB137054
CCB58	Mercury	0.076	+/-0.2	U	0.20	CV	09/03/2025	14:33	LB137054

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q2994

Contract: CORE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	09/02/2025	11:39	LB137041
	Antimony	6.76	+/-25	U	50.0	P	09/02/2025	11:39	LB137041
	Arsenic	5.12	+/-10	U	20.0	P	09/02/2025	11:39	LB137041
	Barium	14.6	+/-50	U	100	P	09/02/2025	11:39	LB137041
	Beryllium	0.56	+/-3	U	6.00	P	09/02/2025	11:39	LB137041
	Cadmium	0.50	+/-3	U	6.00	P	09/02/2025	11:39	LB137041
	Calcium	234	+/-1000	U	2000	P	09/02/2025	11:39	LB137041
	Chromium	2.12	+/-5	U	10.0	P	09/02/2025	11:39	LB137041
	Cobalt	2.26	+/-15	U	30.0	P	09/02/2025	11:39	LB137041
	Copper	4.60	+/-10	U	20.0	P	09/02/2025	11:39	LB137041
	Iron	23.4	+/-50	U	100	P	09/02/2025	11:39	LB137041
	Lead	2.30	+/-6	U	12.0	P	09/02/2025	11:39	LB137041
	Magnesium	244	+/-1000	U	2000	P	09/02/2025	11:39	LB137041
	Manganese	5.94	+/-10	U	20.0	P	09/02/2025	11:39	LB137041
	Nickel	3.06	+/-20	U	40.0	P	09/02/2025	11:39	LB137041
	Potassium	918	+/-1000	U	2000	P	09/02/2025	11:39	LB137041
	Selenium	9.64	+/-10	U	20.0	P	09/02/2025	11:39	LB137041
	Silver	1.62	+/-5	U	10.0	P	09/02/2025	11:39	LB137041
	Sodium	868	+/-1000	U	2000	P	09/02/2025	11:39	LB137041
	Thallium	4.38	+/-20	U	40.0	P	09/02/2025	11:39	LB137041
	Vanadium	6.26	+/-20	U	40.0	P	09/02/2025	11:39	LB137041
	Zinc	16.7	+/-20	U	40.0	P	09/02/2025	11:39	LB137041

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q2994

Contract: CORE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	09/02/2025	12:24	LB137041
	Antimony	6.76	+/-25	U	50.0	P	09/02/2025	12:24	LB137041
	Arsenic	5.12	+/-10	U	20.0	P	09/02/2025	12:24	LB137041
	Barium	14.6	+/-50	U	100	P	09/02/2025	12:24	LB137041
	Beryllium	0.56	+/-3	U	6.00	P	09/02/2025	12:24	LB137041
	Cadmium	0.50	+/-3	U	6.00	P	09/02/2025	12:24	LB137041
	Calcium	234	+/-1000	U	2000	P	09/02/2025	12:24	LB137041
	Chromium	2.12	+/-5	U	10.0	P	09/02/2025	12:24	LB137041
	Cobalt	2.26	+/-15	U	30.0	P	09/02/2025	12:24	LB137041
	Copper	4.60	+/-10	U	20.0	P	09/02/2025	12:24	LB137041
	Iron	23.4	+/-50	U	100	P	09/02/2025	12:24	LB137041
	Lead	2.30	+/-6	U	12.0	P	09/02/2025	12:24	LB137041
	Magnesium	244	+/-1000	U	2000	P	09/02/2025	12:24	LB137041
	Manganese	5.94	+/-10	U	20.0	P	09/02/2025	12:24	LB137041
	Nickel	3.06	+/-20	U	40.0	P	09/02/2025	12:24	LB137041
	Potassium	918	+/-1000	U	2000	P	09/02/2025	12:24	LB137041
	Selenium	9.64	+/-10	U	20.0	P	09/02/2025	12:24	LB137041
	Silver	1.62	+/-5	U	10.0	P	09/02/2025	12:24	LB137041
	Sodium	868	+/-1000	U	2000	P	09/02/2025	12:24	LB137041
	Thallium	4.38	+/-20	U	40.0	P	09/02/2025	12:24	LB137041
	Vanadium	6.26	+/-20	U	40.0	P	09/02/2025	12:24	LB137041
	Zinc	16.7	+/-20	U	40.0	P	09/02/2025	12:24	LB137041
CCB02	Aluminum	11.3	+/-50	U	100	P	09/02/2025	13:23	LB137041
	Antimony	6.76	+/-25	U	50.0	P	09/02/2025	13:23	LB137041
	Arsenic	5.12	+/-10	U	20.0	P	09/02/2025	13:23	LB137041
	Barium	14.6	+/-50	U	100	P	09/02/2025	13:23	LB137041
	Beryllium	0.56	+/-3	U	6.00	P	09/02/2025	13:23	LB137041
	Cadmium	0.50	+/-3	U	6.00	P	09/02/2025	13:23	LB137041
	Calcium	234	+/-1000	U	2000	P	09/02/2025	13:23	LB137041
	Chromium	2.12	+/-5	U	10.0	P	09/02/2025	13:23	LB137041
	Cobalt	2.26	+/-15	U	30.0	P	09/02/2025	13:23	LB137041
	Copper	4.60	+/-10	U	20.0	P	09/02/2025	13:23	LB137041
	Iron	23.4	+/-50	U	100	P	09/02/2025	13:23	LB137041
	Lead	2.30	+/-6	U	12.0	P	09/02/2025	13:23	LB137041
	Magnesium	244	+/-1000	U	2000	P	09/02/2025	13:23	LB137041
	Manganese	5.94	+/-10	U	20.0	P	09/02/2025	13:23	LB137041
	Nickel	3.06	+/-20	U	40.0	P	09/02/2025	13:23	LB137041
	Potassium	918	+/-1000	U	2000	P	09/02/2025	13:23	LB137041
	Selenium	9.64	+/-10	U	20.0	P	09/02/2025	13:23	LB137041

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q2994

Contract: CORE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	09/02/2025	13:23	LB137041
	Sodium	868	+/-1000	U	2000	P	09/02/2025	13:23	LB137041
	Thallium	4.38	+/-20	U	40.0	P	09/02/2025	13:23	LB137041
	Vanadium	6.26	+/-20	U	40.0	P	09/02/2025	13:23	LB137041
	Zinc	16.7	+/-20	U	40.0	P	09/02/2025	13:23	LB137041
CCB03	Aluminum	14.9	+/-50	J	100	P	09/02/2025	14:12	LB137041
	Antimony	6.76	+/-25	U	50.0	P	09/02/2025	14:12	LB137041
	Arsenic	5.12	+/-10	U	20.0	P	09/02/2025	14:12	LB137041
	Barium	14.6	+/-50	U	100	P	09/02/2025	14:12	LB137041
	Beryllium	0.56	+/-3	U	6.00	P	09/02/2025	14:12	LB137041
	Cadmium	0.50	+/-3	U	6.00	P	09/02/2025	14:12	LB137041
	Calcium	234	+/-1000	U	2000	P	09/02/2025	14:12	LB137041
	Chromium	2.12	+/-5	U	10.0	P	09/02/2025	14:12	LB137041
	Cobalt	2.26	+/-15	U	30.0	P	09/02/2025	14:12	LB137041
	Copper	4.60	+/-10	U	20.0	P	09/02/2025	14:12	LB137041
	Iron	23.4	+/-50	U	100	P	09/02/2025	14:12	LB137041
	Lead	2.30	+/-6	U	12.0	P	09/02/2025	14:12	LB137041
	Magnesium	244	+/-1000	U	2000	P	09/02/2025	14:12	LB137041
	Manganese	5.94	+/-10	U	20.0	P	09/02/2025	14:12	LB137041
	Nickel	3.06	+/-20	U	40.0	P	09/02/2025	14:12	LB137041
	Potassium	918	+/-1000	U	2000	P	09/02/2025	14:12	LB137041
	Selenium	9.64	+/-10	U	20.0	P	09/02/2025	14:12	LB137041
	Silver	1.62	+/-5	U	10.0	P	09/02/2025	14:12	LB137041
	Sodium	868	+/-1000	U	2000	P	09/02/2025	14:12	LB137041
	Thallium	4.38	+/-20	U	40.0	P	09/02/2025	14:12	LB137041
	Vanadium	6.26	+/-20	U	40.0	P	09/02/2025	14:12	LB137041
	Zinc	16.7	+/-20	U	40.0	P	09/02/2025	14:12	LB137041
CCB04	Aluminum	18.0	+/-50	J	100	P	09/02/2025	15:03	LB137041
	Antimony	6.76	+/-25	U	50.0	P	09/02/2025	15:03	LB137041
	Arsenic	5.12	+/-10	U	20.0	P	09/02/2025	15:03	LB137041
	Barium	14.6	+/-50	U	100	P	09/02/2025	15:03	LB137041
	Beryllium	0.56	+/-3	U	6.00	P	09/02/2025	15:03	LB137041
	Cadmium	0.50	+/-3	U	6.00	P	09/02/2025	15:03	LB137041
	Calcium	234	+/-1000	U	2000	P	09/02/2025	15:03	LB137041
	Chromium	2.12	+/-5	U	10.0	P	09/02/2025	15:03	LB137041
	Cobalt	2.26	+/-15	U	30.0	P	09/02/2025	15:03	LB137041
	Copper	4.60	+/-10	U	20.0	P	09/02/2025	15:03	LB137041
	Iron	23.4	+/-50	U	100	P	09/02/2025	15:03	LB137041
	Lead	2.30	+/-6	U	12.0	P	09/02/2025	15:03	LB137041

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q2994

Contract: CORE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	09/02/2025	15:03	LB137041
	Manganese	5.94	+/-10	U	20.0	P	09/02/2025	15:03	LB137041
	Nickel	3.06	+/-20	U	40.0	P	09/02/2025	15:03	LB137041
	Potassium	918	+/-1000	U	2000	P	09/02/2025	15:03	LB137041
	Selenium	9.64	+/-10	U	20.0	P	09/02/2025	15:03	LB137041
	Silver	1.62	+/-5	U	10.0	P	09/02/2025	15:03	LB137041
	Sodium	868	+/-1000	U	2000	P	09/02/2025	15:03	LB137041
	Thallium	4.38	+/-20	U	40.0	P	09/02/2025	15:03	LB137041
	Vanadium	6.26	+/-20	U	40.0	P	09/02/2025	15:03	LB137041
	Zinc	16.7	+/-20	U	40.0	P	09/02/2025	15:03	LB137041
CCB05	Aluminum	11.3	+/-50	U	100	P	09/02/2025	16:07	LB137041
	Antimony	6.76	+/-25	U	50.0	P	09/02/2025	16:07	LB137041
	Arsenic	5.12	+/-10	U	20.0	P	09/02/2025	16:07	LB137041
	Barium	14.6	+/-50	U	100	P	09/02/2025	16:07	LB137041
	Beryllium	0.56	+/-3	U	6.00	P	09/02/2025	16:07	LB137041
	Cadmium	0.50	+/-3	U	6.00	P	09/02/2025	16:07	LB137041
	Calcium	234	+/-1000	U	2000	P	09/02/2025	16:07	LB137041
	Chromium	2.12	+/-5	U	10.0	P	09/02/2025	16:07	LB137041
	Cobalt	2.26	+/-15	U	30.0	P	09/02/2025	16:07	LB137041
	Copper	4.60	+/-10	U	20.0	P	09/02/2025	16:07	LB137041
	Iron	23.4	+/-50	U	100	P	09/02/2025	16:07	LB137041
	Lead	2.30	+/-6	U	12.0	P	09/02/2025	16:07	LB137041
	Magnesium	244	+/-1000	U	2000	P	09/02/2025	16:07	LB137041
	Manganese	5.94	+/-10	U	20.0	P	09/02/2025	16:07	LB137041
	Nickel	3.06	+/-20	U	40.0	P	09/02/2025	16:07	LB137041
	Potassium	918	+/-1000	U	2000	P	09/02/2025	16:07	LB137041
	Selenium	9.64	+/-10	U	20.0	P	09/02/2025	16:07	LB137041
	Silver	1.62	+/-5	U	10.0	P	09/02/2025	16:07	LB137041
	Sodium	868	+/-1000	U	2000	P	09/02/2025	16:07	LB137041
	Thallium	4.38	+/-20	U	40.0	P	09/02/2025	16:07	LB137041
	Vanadium	6.26	+/-20	U	40.0	P	09/02/2025	16:07	LB137041
	Zinc	16.7	+/-20	U	40.0	P	09/02/2025	16:07	LB137041
CCB06	Aluminum	11.3	+/-50	U	100	P	09/02/2025	16:58	LB137041
	Antimony	6.76	+/-25	U	50.0	P	09/02/2025	16:58	LB137041
	Arsenic	5.12	+/-10	U	20.0	P	09/02/2025	16:58	LB137041
	Barium	14.6	+/-50	U	100	P	09/02/2025	16:58	LB137041
	Beryllium	0.56	+/-3	U	6.00	P	09/02/2025	16:58	LB137041
	Cadmium	0.50	+/-3	U	6.00	P	09/02/2025	16:58	LB137041
	Calcium	234	+/-1000	U	2000	P	09/02/2025	16:58	LB137041

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q2994

Contract: CORE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	09/02/2025	16:58	LB137041
	Cobalt	2.26	+/-15	U	30.0	P	09/02/2025	16:58	LB137041
	Copper	4.60	+/-10	U	20.0	P	09/02/2025	16:58	LB137041
	Iron	23.4	+/-50	U	100	P	09/02/2025	16:58	LB137041
	Lead	2.30	+/-6	U	12.0	P	09/02/2025	16:58	LB137041
	Magnesium	244	+/-1000	U	2000	P	09/02/2025	16:58	LB137041
	Manganese	5.94	+/-10	U	20.0	P	09/02/2025	16:58	LB137041
	Nickel	3.06	+/-20	U	40.0	P	09/02/2025	16:58	LB137041
	Potassium	918	+/-1000	U	2000	P	09/02/2025	16:58	LB137041
	Selenium	9.64	+/-10	U	20.0	P	09/02/2025	16:58	LB137041
	Silver	1.62	+/-5	U	10.0	P	09/02/2025	16:58	LB137041
	Sodium	868	+/-1000	U	2000	P	09/02/2025	16:58	LB137041
	Thallium	4.38	+/-20	U	40.0	P	09/02/2025	16:58	LB137041
	Vanadium	6.26	+/-20	U	40.0	P	09/02/2025	16:58	LB137041
	Zinc	16.7	+/-20	U	40.0	P	09/02/2025	16:58	LB137041
CCB07	Aluminum	11.3	+/-50	U	100	P	09/02/2025	17:47	LB137041
	Antimony	6.76	+/-25	U	50.0	P	09/02/2025	17:47	LB137041
	Arsenic	5.12	+/-10	U	20.0	P	09/02/2025	17:47	LB137041
	Barium	14.6	+/-50	U	100	P	09/02/2025	17:47	LB137041
	Beryllium	0.56	+/-3	U	6.00	P	09/02/2025	17:47	LB137041
	Cadmium	0.50	+/-3	U	6.00	P	09/02/2025	17:47	LB137041
	Calcium	234	+/-1000	U	2000	P	09/02/2025	17:47	LB137041
	Chromium	2.12	+/-5	U	10.0	P	09/02/2025	17:47	LB137041
	Cobalt	2.26	+/-15	U	30.0	P	09/02/2025	17:47	LB137041
	Copper	4.60	+/-10	U	20.0	P	09/02/2025	17:47	LB137041
	Iron	23.4	+/-50	U	100	P	09/02/2025	17:47	LB137041
	Lead	2.30	+/-6	U	12.0	P	09/02/2025	17:47	LB137041
	Magnesium	244	+/-1000	U	2000	P	09/02/2025	17:47	LB137041
	Manganese	5.94	+/-10	U	20.0	P	09/02/2025	17:47	LB137041
	Nickel	3.06	+/-20	U	40.0	P	09/02/2025	17:47	LB137041
	Potassium	918	+/-1000	U	2000	P	09/02/2025	17:47	LB137041
	Selenium	9.64	+/-10	U	20.0	P	09/02/2025	17:47	LB137041
	Silver	1.62	+/-5	U	10.0	P	09/02/2025	17:47	LB137041
	Sodium	868	+/-1000	U	2000	P	09/02/2025	17:47	LB137041
	Thallium	4.38	+/-20	U	40.0	P	09/02/2025	17:47	LB137041
	Vanadium	6.26	+/-20	U	40.0	P	09/02/2025	17:47	LB137041
	Zinc	16.7	+/-20	U	40.0	P	09/02/2025	17:47	LB137041
CCB08	Aluminum	11.3	+/-50	U	100	P	09/02/2025	18:29	LB137041
	Antimony	6.76	+/-25	U	50.0	P	09/02/2025	18:29	LB137041

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q2994

Contract: CORE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	5.12	+/-10	U	20.0	P	09/02/2025	18:29	LB137041
	Barium	14.6	+/-50	U	100	P	09/02/2025	18:29	LB137041
	Beryllium	0.56	+/-3	U	6.00	P	09/02/2025	18:29	LB137041
	Cadmium	0.50	+/-3	U	6.00	P	09/02/2025	18:29	LB137041
	Calcium	234	+/-1000	U	2000	P	09/02/2025	18:29	LB137041
	Chromium	2.12	+/-5	U	10.0	P	09/02/2025	18:29	LB137041
	Cobalt	2.26	+/-15	U	30.0	P	09/02/2025	18:29	LB137041
	Copper	4.60	+/-10	U	20.0	P	09/02/2025	18:29	LB137041
	Iron	23.4	+/-50	U	100	P	09/02/2025	18:29	LB137041
	Lead	2.30	+/-6	U	12.0	P	09/02/2025	18:29	LB137041
	Magnesium	244	+/-1000	U	2000	P	09/02/2025	18:29	LB137041
	Manganese	5.94	+/-10	U	20.0	P	09/02/2025	18:29	LB137041
	Nickel	3.06	+/-20	U	40.0	P	09/02/2025	18:29	LB137041
	Potassium	918	+/-1000	U	2000	P	09/02/2025	18:29	LB137041
	Selenium	9.64	+/-10	U	20.0	P	09/02/2025	18:29	LB137041
	Silver	1.62	+/-5	U	10.0	P	09/02/2025	18:29	LB137041
	Sodium	868	+/-1000	U	2000	P	09/02/2025	18:29	LB137041
	Thallium	4.38	+/-20	U	40.0	P	09/02/2025	18:29	LB137041
	Vanadium	6.26	+/-20	U	40.0	P	09/02/2025	18:29	LB137041
	Zinc	16.7	+/-20	U	40.0	P	09/02/2025	18:29	LB137041

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, **SDG No.:** Q2994

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB169525BL		SOLID		Batch Number:	PB169525		Prep Date:	09/03/2025	
	Mercury	0.0080	<0.014	U	0.014	CV	09/03/2025	13:32	LB137054

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Core Environmental Consultants and Services,

SDG No.:

Q2994

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB169492BL	SOLID			Batch Number:	PB169492		Prep Date:	09/02/2025	
	Aluminum	0.84	<2.5	U	5.00	P	09/02/2025	16:49	LB137041
	Antimony	0.22	<1.25	U	2.50	P	09/02/2025	16:49	LB137041
	Arsenic	0.19	<0.5	U	1.00	P	09/02/2025	16:49	LB137041
	Barium	0.73	<2.5	U	5.00	P	09/02/2025	16:49	LB137041
	Beryllium	0.025	<0.15	U	0.30	P	09/02/2025	16:49	LB137041
	Cadmium	0.024	<0.15	U	0.30	P	09/02/2025	16:49	LB137041
	Calcium	11.1	<50	U	100	P	09/02/2025	16:49	LB137041
	Chromium	0.047	<0.25	U	0.50	P	09/02/2025	16:49	LB137041
	Cobalt	0.10	<0.75	U	1.50	P	09/02/2025	16:49	LB137041
	Copper	0.22	<0.5	U	1.00	P	09/02/2025	16:49	LB137041
	Iron	3.99	<2.5	U	5.00	P	09/02/2025	16:49	LB137041
	Lead	0.13	<0.3	U	0.60	P	09/02/2025	16:49	LB137041
	Magnesium	12.0	<50	U	100	P	09/02/2025	16:49	LB137041
	Manganese	0.14	<0.5	U	1.00	P	09/02/2025	16:49	LB137041
	Nickel	0.13	<1	U	2.00	P	09/02/2025	16:49	LB137041
	Potassium	28.9	<50	J	100	P	09/02/2025	16:49	LB137041
	Selenium	0.26	<0.5	U	1.00	P	09/02/2025	16:49	LB137041
	Silver	0.12	<0.25	U	0.50	P	09/02/2025	16:49	LB137041
	Sodium	17.8	<50	U	100	P	09/02/2025	16:49	LB137041
	Thallium	0.23	<1	U	2.00	P	09/02/2025	16:49	LB137041
	Vanadium	0.25	<1	U	2.00	P	09/02/2025	16:49	LB137041
	Zinc	0.23	<1	U	2.00	P	09/02/2025	16:49	LB137041

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q2994

Contract: CORE02

Lab Code: ACE

ICS Source: EPA

Instrument ID: P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	287000	255000	112	216000	294000	09/02/2025	11:50	LB137041
	Antimony	-2.46			-50	50	09/02/2025	11:50	LB137041
	Arsenic	7.18			-20	20	09/02/2025	11:50	LB137041
	Barium	0.86	6.0	14	-94	106	09/02/2025	11:50	LB137041
	Beryllium	1.76			-6	6	09/02/2025	11:50	LB137041
	Cadmium	1.62	1.0	162	-5	7	09/02/2025	11:50	LB137041
	Calcium	270000	245000	110	208000	282000	09/02/2025	11:50	LB137041
	Chromium	55.4	52.0	106	42	62	09/02/2025	11:50	LB137041
	Cobalt	1.95			-30	30	09/02/2025	11:50	LB137041
	Copper	-1.12	2.0	56	-18	22	09/02/2025	11:50	LB137041
	Iron	113000	101000	112	85600	116500	09/02/2025	11:50	LB137041
	Lead	5.22			-12	12	09/02/2025	11:50	LB137041
	Magnesium	287000	255000	112	216000	294000	09/02/2025	11:50	LB137041
	Manganese	10.9	7.0	156	-13	27	09/02/2025	11:50	LB137041
	Nickel	6.62	2.0	331	-38	42	09/02/2025	11:50	LB137041
	Potassium	306			0	0	09/02/2025	11:50	LB137041
	Selenium	-0.056			-20	20	09/02/2025	11:50	LB137041
	Silver	2.72			-10	10	09/02/2025	11:50	LB137041
	Sodium	108			0	0	09/02/2025	11:50	LB137041
	Thallium	-4.64			-40	40	09/02/2025	11:50	LB137041
	Vanadium	5.83			-40	40	09/02/2025	11:50	LB137041
	Zinc	4.26			-40	40	09/02/2025	11:50	LB137041
ICSAB01	Aluminum	249000	247000	101	209000	285000	09/02/2025	11:56	LB137041
	Antimony	601	618	97	525	711	09/02/2025	11:56	LB137041
	Arsenic	106	104	102	88.4	120	09/02/2025	11:56	LB137041
	Barium	482	537	90	437	637	09/02/2025	11:56	LB137041
	Beryllium	485	495	98	420	570	09/02/2025	11:56	LB137041
	Cadmium	978	972	101	826	1120	09/02/2025	11:56	LB137041
	Calcium	235000	235000	100	199000	271000	09/02/2025	11:56	LB137041
	Chromium	549	542	101	460	624	09/02/2025	11:56	LB137041
	Cobalt	489	476	103	404	548	09/02/2025	11:56	LB137041
	Copper	481	511	94	434	588	09/02/2025	11:56	LB137041
	Iron	101000	99300	102	84400	114500	09/02/2025	11:56	LB137041
	Lead	49.2	49.0	100	37	61	09/02/2025	11:56	LB137041
	Magnesium	250000	248000	101	210000	286000	09/02/2025	11:56	LB137041
	Manganese	478	507	94	430	584	09/02/2025	11:56	LB137041
	Nickel	975	954	102	810	1100	09/02/2025	11:56	LB137041
	Potassium	110			0	0	09/02/2025	11:56	LB137041
	Selenium	51.1	46.0	111	26	66	09/02/2025	11:56	LB137041
	Silver	215	201	107	170	232	09/02/2025	11:56	LB137041
	Sodium	41.8			0	0	09/02/2025	11:56	LB137041
	Thallium	108	108	100	68	148	09/02/2025	11:56	LB137041

Metals

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INTERFERENCE CHECK SAMPLE

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q2994

Contract: CORE02

Lab Code: ACE

ICS Source: EPA

Instrument ID: P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	473	491	96	417	565	09/02/2025	11:56	LB137041
	Zinc	1040	952	109	809	1095	09/02/2025	11:56	LB137041



METAL

QC

DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Core Environmental Consultants and Service **level:** low **sdg no.:** Q2994
contract: CORE02 **lab code:** ACE
matrix: Solid **sample id:** Q2995-01 **client id:** RT5427MS
Percent Solids for Sample: 91.4 **Spiked ID:** Q2995-01MS **Percent Solids for Spike Sample:** 91.4

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.32		0.014	U	0.27	119.6		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Core Environmental Consultants and Service **level:** low **sdg no.:** Q2994
contract: CORE02 **lab code:** ACE
matrix: Solid **sample id:** Q2995-01 **client id:** RT5427MSD
Percent Solids for Sample: 91.4 **Spiked ID:** Q2995-01MSD **Percent Solids for Spike Sample:** 91.4

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.33		0.014	U	0.27	120.4	N	CV

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Core Environmental Consultants and Service **level:** low **sdg no.:** Q2994
contract: CORE02 **lab code:** ACE
matrix: Solid **sample id:** Q2998-01 **client id:** AU-05-082925MS

Percent Solids for Sample: 94.5 **Spiked ID:** Q2998-01MS **Percent Solids for Spike Sample:** 94.5

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	3740		3160		95.3	615		P
Antimony	mg/Kg	75 - 125	22.1		2.41	U	38.1	58	N	P
Arsenic	mg/Kg	75 - 125	40.0		4.63		38.1	93		P
Barium	mg/Kg	75 - 125	34.0		24.7		9.5	98		P
Beryllium	mg/Kg	75 - 125	8.28		0.32		9.5	84		P
Cadmium	mg/Kg	75 - 125	9.08		0.30		9.5	92		P
Calcium	mg/Kg	75 - 125	12100		12500		47.7	-944		P
Chromium	mg/Kg	75 - 125	26.4		9.49		19.1	89		P
Cobalt	mg/Kg	75 - 125	11.6		2.57		9.5	95		P
Copper	mg/Kg	75 - 125	25.9		14.5		14.3	79		P
Iron	mg/Kg	75 - 125	8710		8830		140	-81		P
Lead	mg/Kg	75 - 125	76.3		41.4		47.7	73	N	P
Magnesium	mg/Kg	75 - 125	6170		5460		95.3	746		P
Manganese	mg/Kg	75 - 125	70.6		67.5		9.5	33		P
Nickel	mg/Kg	75 - 125	29.0		7.23		23.8	91		P
Potassium	mg/Kg	75 - 125	1080		532		480	113		P
Selenium	mg/Kg	75 - 125	88.1		0.96	U	95.3	92		P
Silver	mg/Kg	75 - 125	3.63		0.36	J	3.6	91		P
Sodium	mg/Kg	75 - 125	375		217		140	113		P
Thallium	mg/Kg	75 - 125	82.2		1.92	U	95.3	86		P
Vanadium	mg/Kg	75 - 125	26.1		13.5		14.3	88		P
Zinc	mg/Kg	75 - 125	61.4		53.7		9.5	81		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Core Environmental Consultants and Service **level:** low **sdg no.:** Q2994
contract: CORE02 **lab code:** ACE
matrix: Solid **sample id:** Q2998-01 **client id:** AU-05-082925MSD

Percent Solids for Sample: 94.5 **Spiked ID:** Q2998-01MSD **Percent Solids for Spike Sample:** 94.5

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	4230		3160		87.8	1219		P
Antimony	mg/Kg	75 - 125	19.5		2.41	U	35.1	56	N	P
Arsenic	mg/Kg	75 - 125	37.5		4.63		35.1	94		P
Barium	mg/Kg	75 - 125	37.2		24.7		8.8	142	N	P
Beryllium	mg/Kg	75 - 125	7.57		0.32		8.8	82		P
Cadmium	mg/Kg	75 - 125	8.54		0.30		8.8	94		P
Calcium	mg/Kg	75 - 125	12500		12500		43.9	32		P
Chromium	mg/Kg	75 - 125	25.0		9.49		17.6	88		P
Cobalt	mg/Kg	75 - 125	11.1		2.57		8.8	97		P
Copper	mg/Kg	75 - 125	31.6		14.5		13.2	129	N	P
Iron	mg/Kg	75 - 125	9110		8830		130	222		P
Lead	mg/Kg	75 - 125	79.7		41.4		43.9	87		P
Magnesium	mg/Kg	75 - 125	6290		5460		87.8	946		P
Manganese	mg/Kg	75 - 125	78.9		67.5		8.8	129		P
Nickel	mg/Kg	75 - 125	28.2		7.23		22.0	95		P
Potassium	mg/Kg	75 - 125	1090		532		440	126	N	P
Selenium	mg/Kg	75 - 125	82.1		0.96	U	87.8	94		P
Silver	mg/Kg	75 - 125	3.50		0.36	J	3.3	95		P
Sodium	mg/Kg	75 - 125	427		217		130	161	N	P
Thallium	mg/Kg	75 - 125	76.4		1.92	U	87.8	87		P
Vanadium	mg/Kg	75 - 125	25.8		13.5		13.2	93		P
Zinc	mg/Kg	75 - 125	72.5		53.7		8.8	213		P

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: Core Environmental Consultants and Service **SDG No.:** Q2994
Contract: CORE02 **Lab Code:** ACE
Matrix: Solid **Level:** LOW **Client ID:** RT5427A
Sample ID: Q2995-01 **Spiked ID:** Q2995-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.28		0.014	U	0.28	100		CV

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: Core Environmental Consultants and Service

SDG No.: Q2994

Contract: CORE02

Lab Code: ACE

Matrix: Solid

Level: LOW

Client ID: AU-05-082925A

Sample ID: Q2998-01 **Spiked ID:** Q2998-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	37.1		2.41	U	38.5	96		P
Barium	mg/Kg	75 - 125	34.7		24.7		9.60	104		P
Copper	mg/Kg	75 - 125	28.7		14.5		14.4	98		P
Lead	mg/Kg	75 - 125	93.7		41.4		48.1	109		P
Potassium	mg/Kg	75 - 125	1090		532		480	115		P
Sodium	mg/Kg	75 - 125	378		217		140	115		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>Core Environmental Consultants and Service</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2994</u>
Contract:	<u>CORE02</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q2995-01</u>	Client ID:	<u>RT5427DUP</u>
Percent Solids for Sample:	91.4	Duplicate ID	Q2995-01DUP	Percent Solids for Spike Sample:	91.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.014	U	0.0070	J	200.0		CV

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Core Environmental Consultants and Service</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2994</u>
Contract:	<u>CORE02</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q2995-01MS</u>	Client ID:	<u>RT5427MSD</u>
Percent Solids for Sample:	91.4	Duplicate ID	Q2995-01MSD	Percent Solids for Spike Sample:	91.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.32		0.33		1		CV

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Core Environmental Consultants and Service **Level:** LOW **SDG No.:** Q2994
Contract: CORE02 **Lab Code:** ACE
Matrix: Solid **Sample ID:** Q2998-01 **Client ID:** AU-05-082925DUP

Percent Solids for Sample: 94.5 **Duplicate ID** Q2998-01DUP **Percent Solids for Spike Sample:** 94.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	3160		3460		9		P
Antimony	mg/Kg	20	2.41	U	2.34	U			P
Arsenic	mg/Kg	20	4.63		6.12		28	*	P
Barium	mg/Kg	20	24.7		26.6		7		P
Beryllium	mg/Kg	20	0.32		0.36		11		P
Cadmium	mg/Kg	20	0.30		0.35		17		P
Calcium	mg/Kg	20	12500		13100		5		P
Chromium	mg/Kg	20	9.49		10.4		9		P
Cobalt	mg/Kg	20	2.57		2.92		13		P
Copper	mg/Kg	20	14.5		18.2		23	*	P
Iron	mg/Kg	20	8830		9280		5		P
Lead	mg/Kg	20	41.4		61.2		39	*	P
Magnesium	mg/Kg	20	5460		6750		21	*	P
Manganese	mg/Kg	20	67.5		76.4		12		P
Nickel	mg/Kg	20	7.23		8.18		12		P
Potassium	mg/Kg	20	532		620		15		P
Selenium	mg/Kg	20	0.96	U	0.94	U			P
Silver	mg/Kg	20	0.36	J	0.25	J	37		P
Sodium	mg/Kg	20	217		229		5		P
Thallium	mg/Kg	20	1.92	U	1.87	U			P
Vanadium	mg/Kg	20	13.5		14.7		9		P
Zinc	mg/Kg	20	53.7		54.0		1		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Core Environmental Consultants and Service **Level:** LOW **SDG No.:** Q2994
Contract: CORE02 **Lab Code:** ACE
Matrix: Solid **Sample ID:** Q2998-01MS **Client ID:** AU-05-082925MSD

Percent Solids for Sample: 94.5 **Duplicate ID** Q2998-01MSD **Percent Solids for Spike Sample:** 94.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	3740		4230		12		P
Antimony	mg/Kg	20	22.1		19.5		13		P
Arsenic	mg/Kg	20	40.0		37.5		6		P
Barium	mg/Kg	20	34.0		37.2		9		P
Beryllium	mg/Kg	20	8.28		7.57		9		P
Cadmium	mg/Kg	20	9.08		8.54		6		P
Calcium	mg/Kg	20	12100		12500		3		P
Chromium	mg/Kg	20	26.4		25.0		5		P
Cobalt	mg/Kg	20	11.6		11.1		4		P
Copper	mg/Kg	20	25.9		31.6		20		P
Iron	mg/Kg	20	8710		9110		4		P
Lead	mg/Kg	20	76.3		79.7		4		P
Magnesium	mg/Kg	20	6170		6290		2		P
Manganese	mg/Kg	20	70.6		78.9		11		P
Nickel	mg/Kg	20	29.0		28.2		3		P
Potassium	mg/Kg	20	1080		1090		1		P
Selenium	mg/Kg	20	88.1		82.1		7		P
Silver	mg/Kg	20	3.63		3.50		4		P
Sodium	mg/Kg	20	375		427		13		P
Thallium	mg/Kg	20	82.2		76.4		7		P
Vanadium	mg/Kg	20	26.1		25.8		1		P
Zinc	mg/Kg	20	61.4		72.5		17		P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Core Environmental Consultants and Service

SDG No.: Q2994

Contract: CORE02

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169492BS							
Aluminum	mg/Kg	100	99.9		100	80 - 120	P
Antimony	mg/Kg	40.0	39.8		100	80 - 120	P
Arsenic	mg/Kg	40.0	41.5		104	80 - 120	P
Barium	mg/Kg	10.0	9.20		92	80 - 120	P
Beryllium	mg/Kg	10.0	10.0		100	80 - 120	P
Cadmium	mg/Kg	10.0	9.74		97	80 - 120	P
Calcium	mg/Kg	50.0	50.5	J	101	80 - 120	P
Chromium	mg/Kg	20.0	20.7		104	80 - 120	P
Cobalt	mg/Kg	10.0	9.96		100	80 - 120	P
Copper	mg/Kg	15.0	16.0		107	80 - 120	P
Iron	mg/Kg	150	151		101	80 - 120	P
Lead	mg/Kg	50.0	48.4		97	80 - 120	P
Magnesium	mg/Kg	100	97.4	J	97	80 - 120	P
Manganese	mg/Kg	10.0	9.74		97	80 - 120	P
Nickel	mg/Kg	25.0	25.1		100	80 - 120	P
Potassium	mg/Kg	500	508		102	80 - 120	P
Selenium	mg/Kg	100	107		107	80 - 120	P
Silver	mg/Kg	3.8	3.89		102	80 - 120	P
Sodium	mg/Kg	150	133		89	80 - 120	P
Thallium	mg/Kg	100	100		100	80 - 120	P
Vanadium	mg/Kg	15.0	14.9		99	80 - 120	P
Zinc	mg/Kg	10.0	10.7		107	80 - 120	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Core Environmental Consultants and Service

SDG No.: Q2994

Contract: CORE02

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169525BS Mercury	mg/Kg	0.27	0.32		119	80 - 120	CV

Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

RT5427L

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

Lb No.: lb137054

Lab Sample ID : Q2995-01L

SDG No.: Q2994

Matrix (soil/water): Solid

Level (low/med): LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ- ence	Q	M
	C		C				
Mercury	0.014	U	0.070	U			CV

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

AU-05-082925L

Lab Name: Alliance **Contract:** CORE02
Lab Code: ACE **Lb No.:** lb137041 **Lab Sample ID :** Q2998-01L **SDG No.:** Q2994
Matrix (soil/water): Solid **Level (low/med):** LOW
Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ-ence	Q	M
		C		C			
Aluminum	3160		3590		14		P
Antimony	2.41	U	12.0	U			P
Arsenic	4.63		4.17	J	10		P
Barium	24.7		26.6		8		P
Beryllium	0.32		0.40	J	25		P
Cadmium	0.30		0.14	J	54		P
Calcium	12500		14500		16		P
Chromium	9.49		10.8		13		P
Cobalt	2.57		2.49	J	3		P
Copper	14.5		15.2		5		P
Iron	8830		9850		12		P
Lead	41.4		39.6		4		P
Magnesium	5460		6160		13		P
Manganese	67.5		78.1		16		P
Nickel	7.23		7.14	J	1		P
Potassium	532		621		17		P
Selenium	0.96	U	4.81	U			P
Silver	0.36	J	2.41	U	100.0		P
Sodium	217		225	J	4		P
Thallium	1.92	U	9.62	U			P
Vanadium	13.5		15.3		13		P
Zinc	53.7		59.8		11		P



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMEN CORRECTION FACTORS

Client: Core Environmental Consultants and Service

SDG No.: Q2994

Contract: CORE02

Lab Code: ACE

Instrument ID:

Date:

Interement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Core Environmental Consultants and Service

SDG No.: Q2994

Contract: CORE02

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Core Environmental Consultants and Service

SDG No.: Q2994

Contract: CORE02

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

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ICP INTERELEMEN CORRECTION FACTORS

Client: Core Environmental Consultants and Service

SDG No.: Q2994

Contract: CORE02

Lab Code: ACE

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
Aluminum	396.100	0.0000000	0.0000000	0.0012800	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMEN CORRECTION FACTORS

Client: Core Environmental Consultants and Service

SDG No.: Q2994

Contract: CORE02

Lab Code: ACE

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
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	-0.0035600	-0.0007970	0.0000000	-0.0018900	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Cobalt	228.616	0.0000000	0.0018800	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	-0.0039700	0.0000000	-0.0115600	0.0000000
Vanadium	292.402	0.0000000	0.0005320	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000



METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client: Core Environmental Consultants and Service **SDG No.:** Q2994
Contract: CORE02 **Lab Code:** ACE **Method:** _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB169492							
PB169492BL	PB169492BL	MB	SOLID	09/02/2025	2.00	100.0	100.00
PB169492BS	PB169492BS	LCS	SOLID	09/02/2025	2.00	100.0	100.00
Q2994-01	PAULDING-WC1	SAM	SOLID	09/02/2025	2.30	100.0	91.00
Q2998-01DUP	AU-05-082925DUP	DUP	SOLID	09/02/2025	2.26	100.0	94.50
Q2998-01MS	AU-05-082925MS	MS	SOLID	09/02/2025	2.22	100.0	94.50
Q2998-01MSD	AU-05-082925MSD	MSD	SOLID	09/02/2025	2.41	100.0	94.50

Metals

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SAMPLE PREPARATION SUMMARY

Client: Core Environmental Consultants and Service **SDG No.:** Q2994
Contract: CORE02 **Lab Code:** ACE **Method:** _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB169525							
PB169525BL	PB169525BL	MB	SOLID	09/03/2025	0.51	35.0	100.00
PB169525BS	PB169525BS	LCS	SOLID	09/03/2025	0.51	35.0	100.00
Q2994-01	PAULDING-WC1	SAM	SOLID	09/03/2025	0.53	35.0	91.00
Q2995-01DUP	RT5427DUP	DUP	SOLID	09/03/2025	0.59	35.0	91.40
Q2995-01MS	RT5427MS	MS	SOLID	09/03/2025	0.56	35.0	91.40
Q2995-01MSD	RT5427MSD	MSD	SOLID	09/03/2025	0.56	35.0	91.40

metals
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ANALYSIS RUN LOG

Client: Core Environmental Consultants and Servic

Contract: CORE02

Lab code: ACE

Sdg no.: Q2994

Instrument id number:

Method:

Run number: LB137041

Start date: 09/02/2025

End date: 09/02/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1104	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1109	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1113	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1117	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1121	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1125	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1130	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1134	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1139	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1146	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1150	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1156	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1220	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1224	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1319	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1323	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1408	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1412	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1459	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1503	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1603	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1607	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB169492BL	PB169492BL	1	1649	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1654	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1658	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB169492BS	PB169492BS	1	1702	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2994-01	PAULDING-WC1	1	1706	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2998-01DUP	AU-05-082925DUP	1	1727	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2998-01L	AU-05-082925L	5	1731	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2998-01MS	AU-05-082925MS	1	1735	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2998-01MSD	AU-05-082925MSD	1	1739	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	1743	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1747	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2998-01A	AU-05-082925A	1	1751	Ba,Cu,K,Na,Pb,Sb
CCV08	CCV08	1	1825	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	1829	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

metals
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ANALYSIS RUN LOG

Client: Core Environmental Consultants and Service

Contract: CORE02

Lab code: ACE

Sdg no.: Q2994

Instrument id number: _____

Method: _____

Run number: LB137054

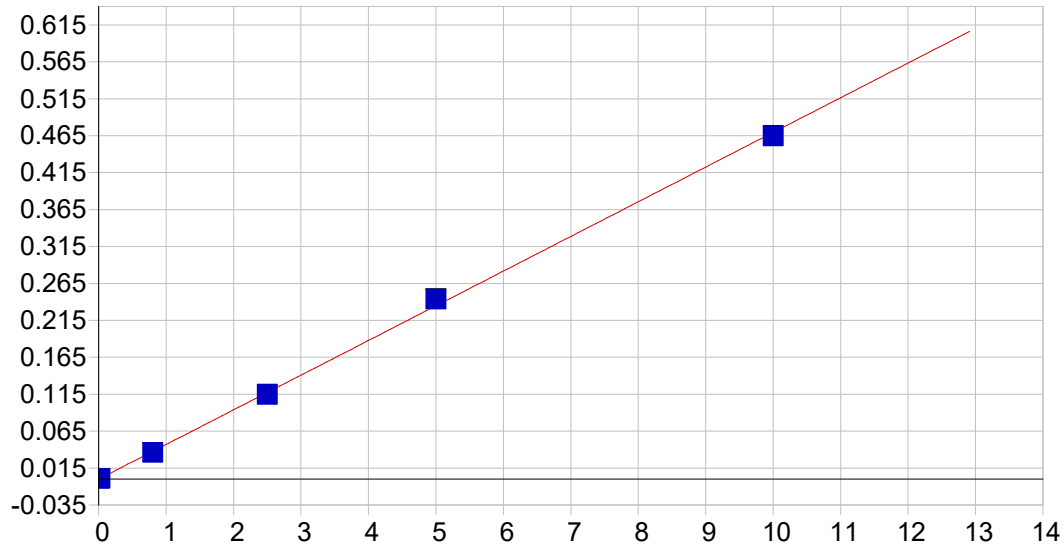
Start date: 09/03/2025

End date: 09/03/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1302	HG
S0.2	S0.2	1	1304	HG
S2.5	S2.5	1	1306	HG
S5	S5	1	1309	HG
S7.5	S7.5	1	1311	HG
S10	S10	1	1313	HG
ICV19	ICV19	1	1316	HG
ICB19	ICB19	1	1318	HG
CCV55	CCV55	1	1321	HG
CCB55	CCB55	1	1323	HG
CRA	CRA	1	1325	HG
PB169525BL	PB169525BL	1	1332	HG
PB169525BS	PB169525BS	1	1340	HG
CCV56	CCV56	1	1353	HG
CCB56	CCB56	1	1356	HG
Q2995-01DUP	RT5427DUP	1	1358	HG
Q2995-01MS	RT5427MS	1	1400	HG
Q2995-01MSD	RT5427MSD	1	1403	HG
Q2995-01L	RT5427L	5	1419	HG
CCV57	CCV57	1	1421	HG
CCB57	CCB57	1	1423	HG
Q2995-01A	RT5427A	1	1425	HG
Q2994-01	PAULDING-WC1	2	1428	HG
CCV58	CCV58	1	1430	HG
CCB58	CCB58	1	1433	HG



METAL RAW DATA

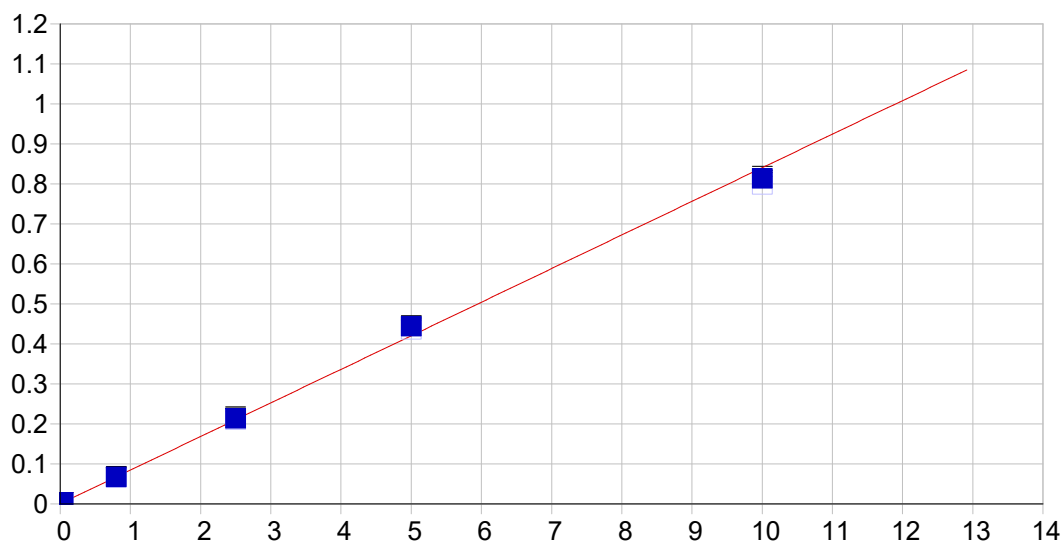


As 189.042 {479}

Date of Fit: 9/2/2025 12:21:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000105 Re-Slope: 1.000000
A1 (Gain): 0.046954 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999696 Status: OK.
Std Error of Est: 0.000027
Predicted MDL: 0.002308
Predicted MQL: 0.007694

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00011	.000	1
S1	.02000	.01894	-.001	-5.28	.00078	.000	1
S3	2.5000	2.4382	-.062	-2.47	.11426	.000	1
S4	5.0000	5.1931	.193	3.86	.24349	.001	1
S5	10.000	9.8990	-.101	-1.01	.46421	.001	1
S2	.80000	.77084	-.029	-3.65	.03605	.000	1

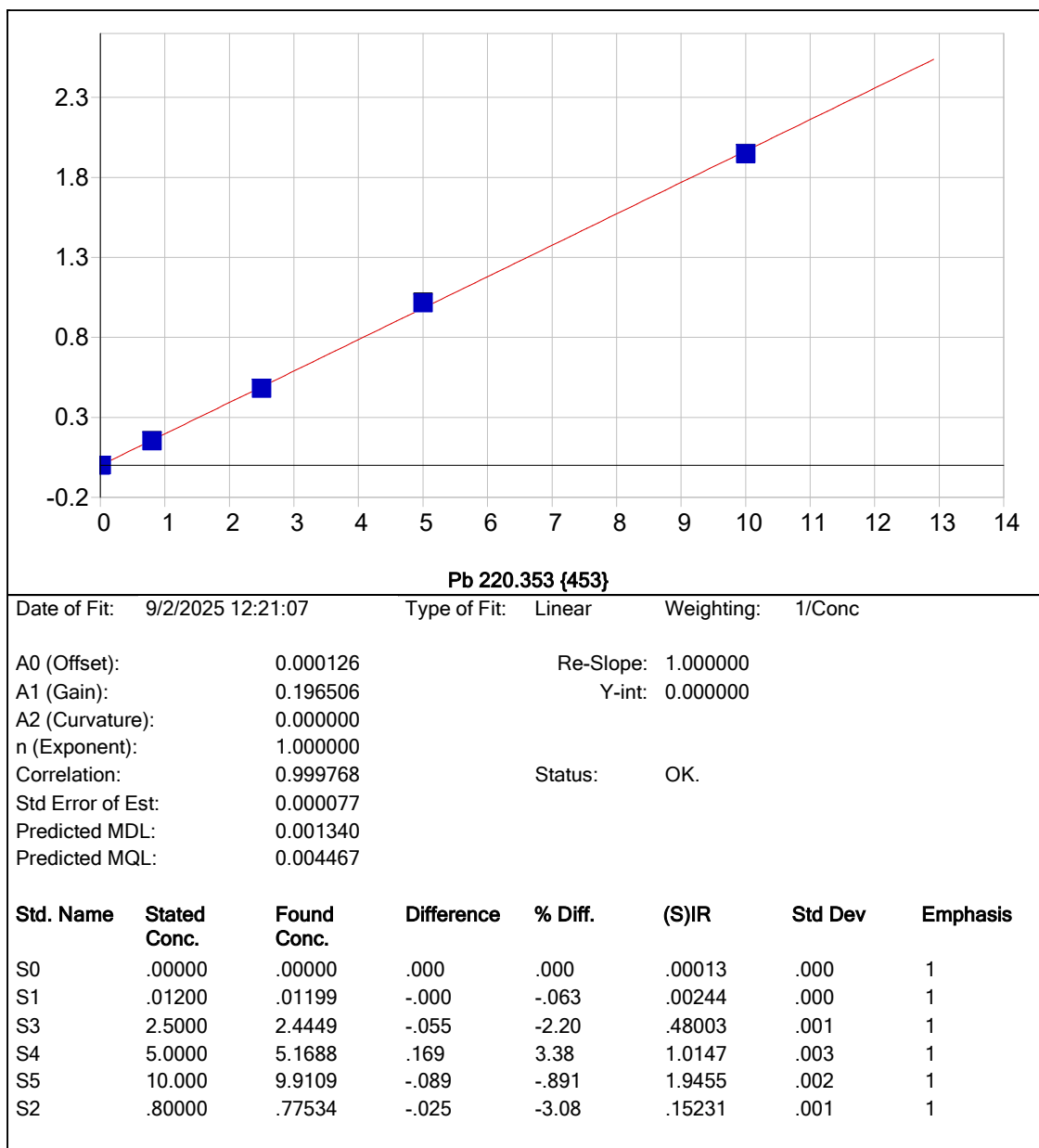


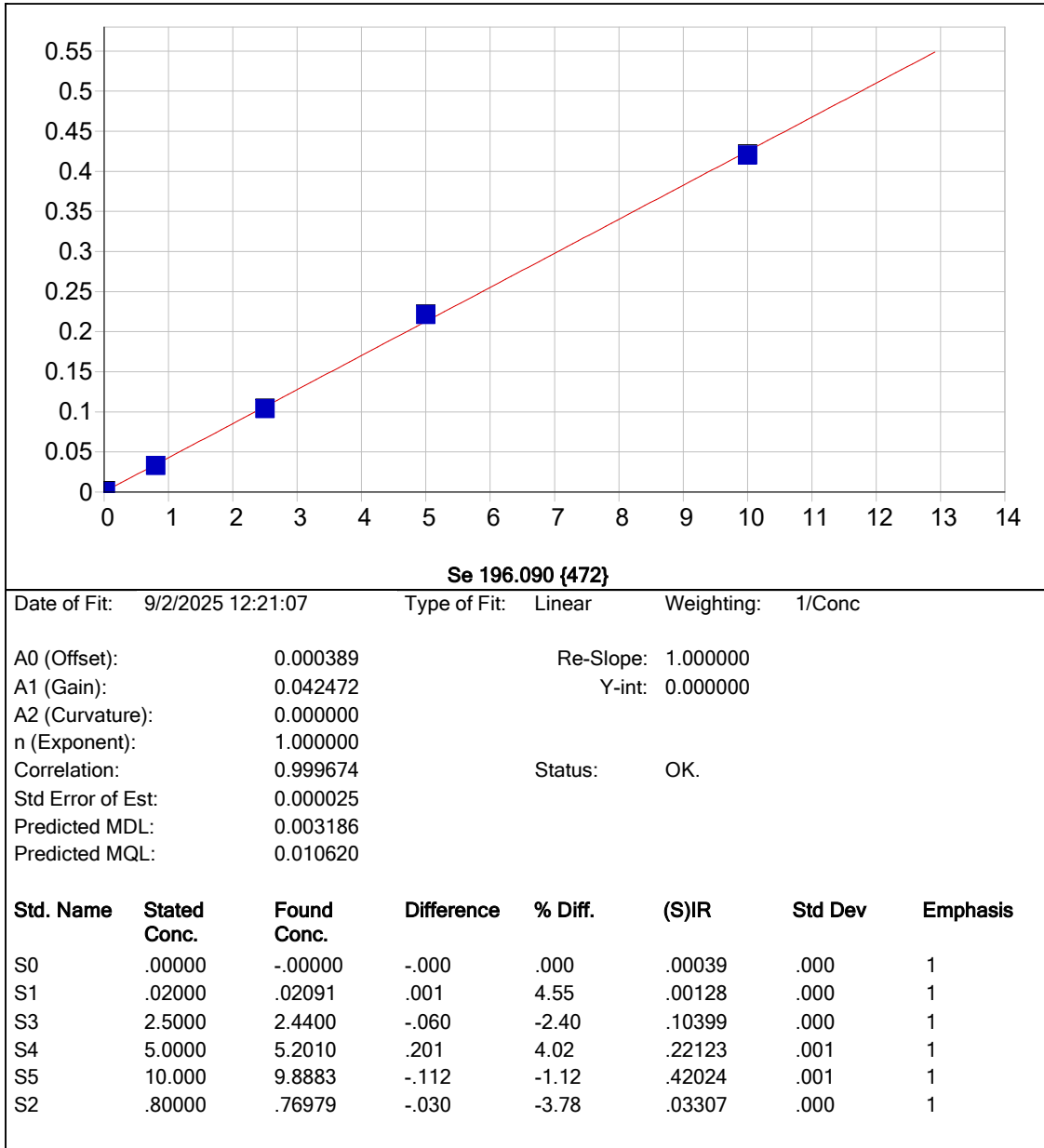
TI 190.856 {477}

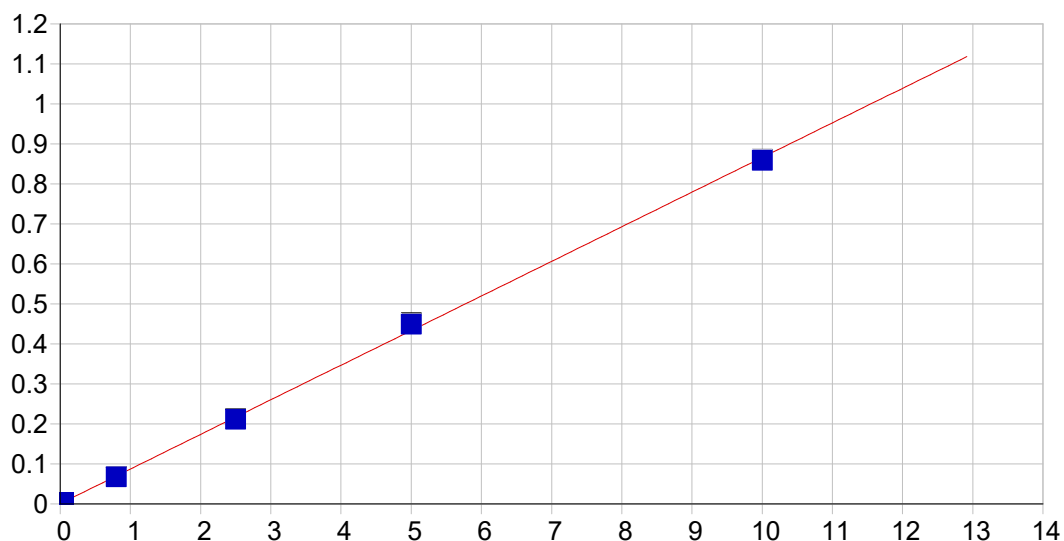
Date of Fit: 9/2/2025 12:21:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000508 Re-Slope: 1.000000
A1 (Gain): 0.083977 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999267 Status: OK.
Std Error of Est: 0.000105
Predicted MDL: 0.001653
Predicted MQL: 0.005509

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00051	.000	1
S1	.04000	.04138	.001	3.45	.00377	.000	1
S3	2.5000	2.5402	.040	1.61	.21000	.004	1
S4	5.0000	5.2775	.277	5.55	.43604	.002	1
S5	10.000	9.6870	-.313	-3.13	.79868	.005	1
S2	.80000	.79401	-.006	-.749	.06596	.002	1





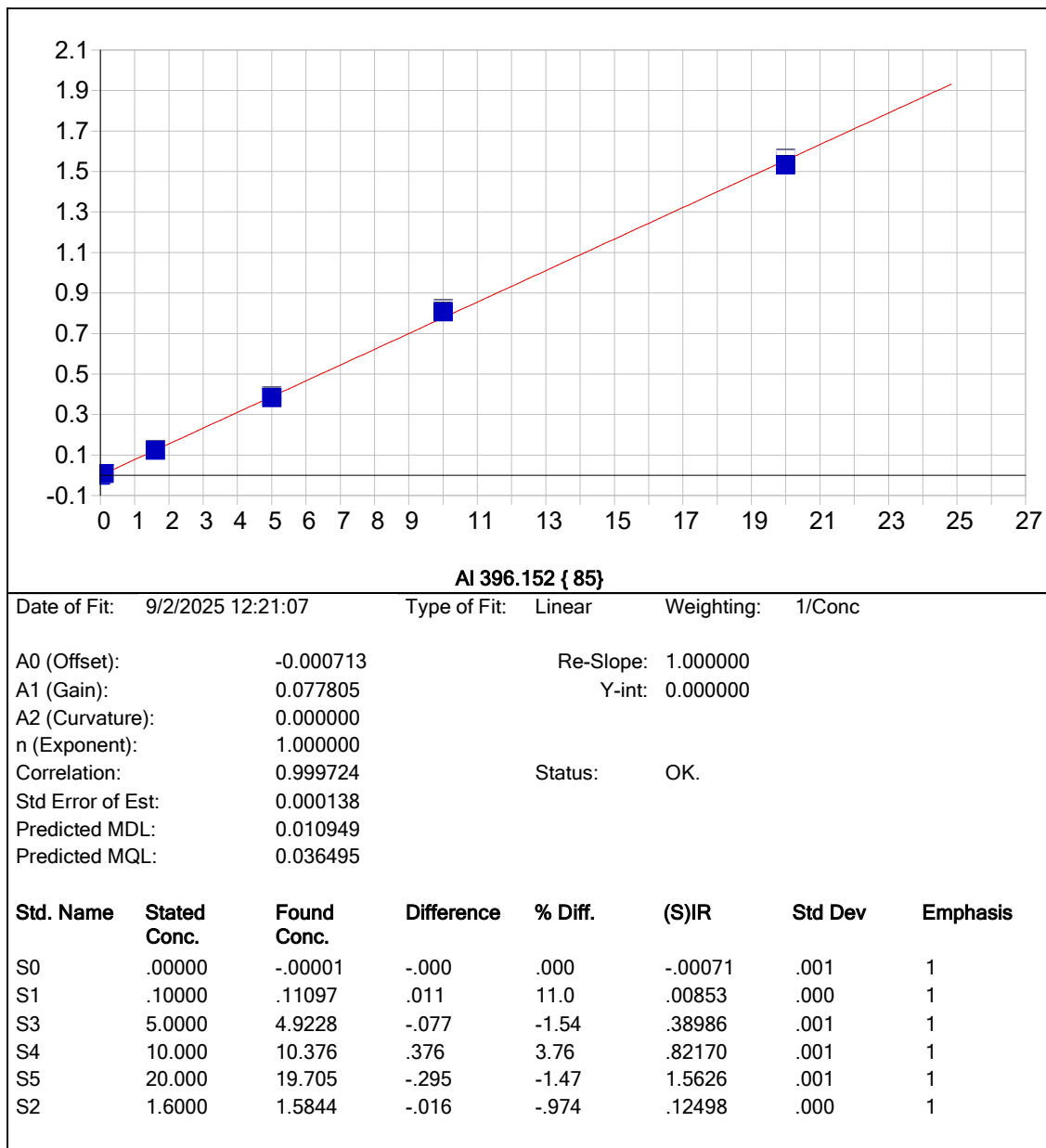


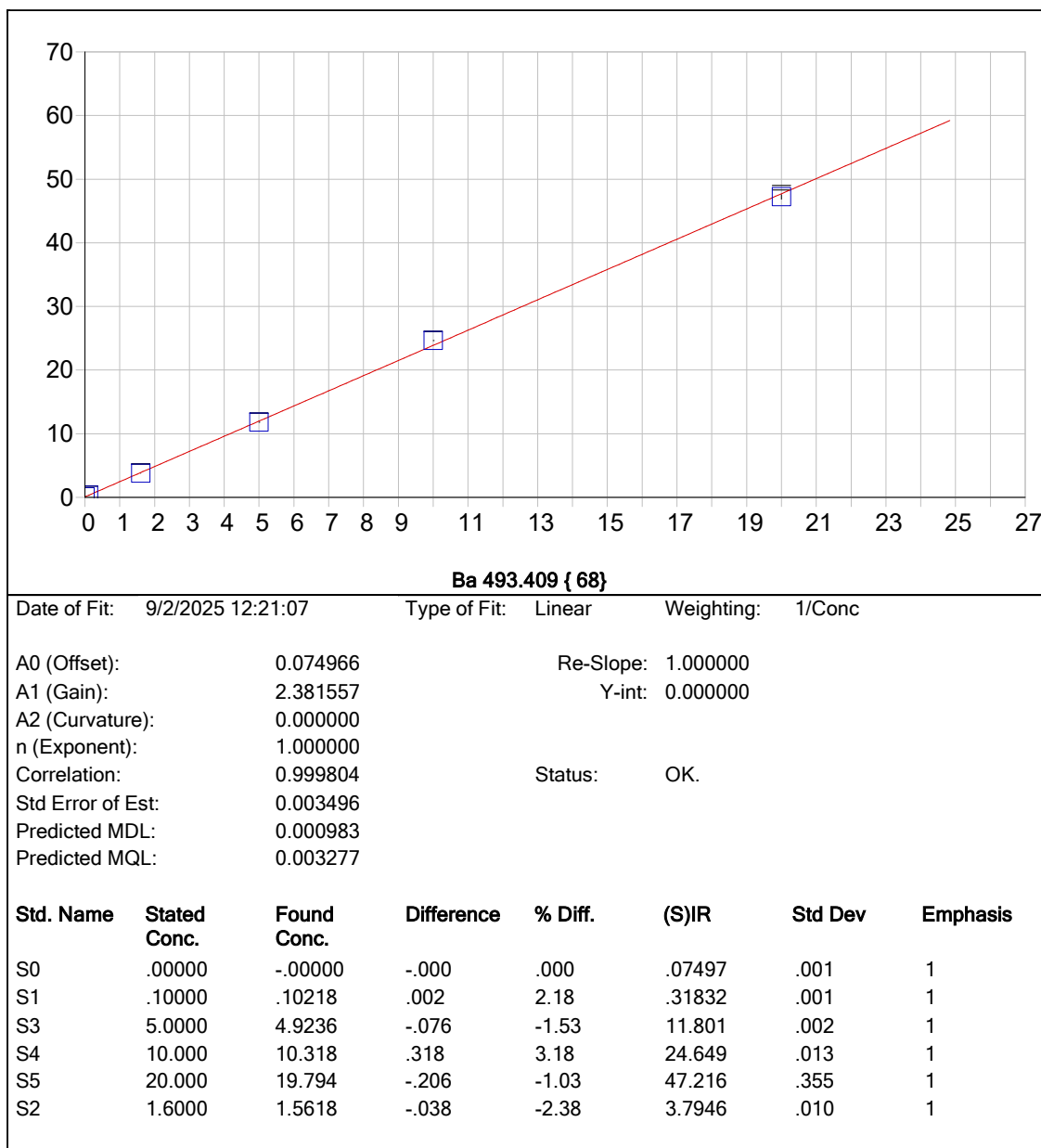
Sb 206.833 {463}

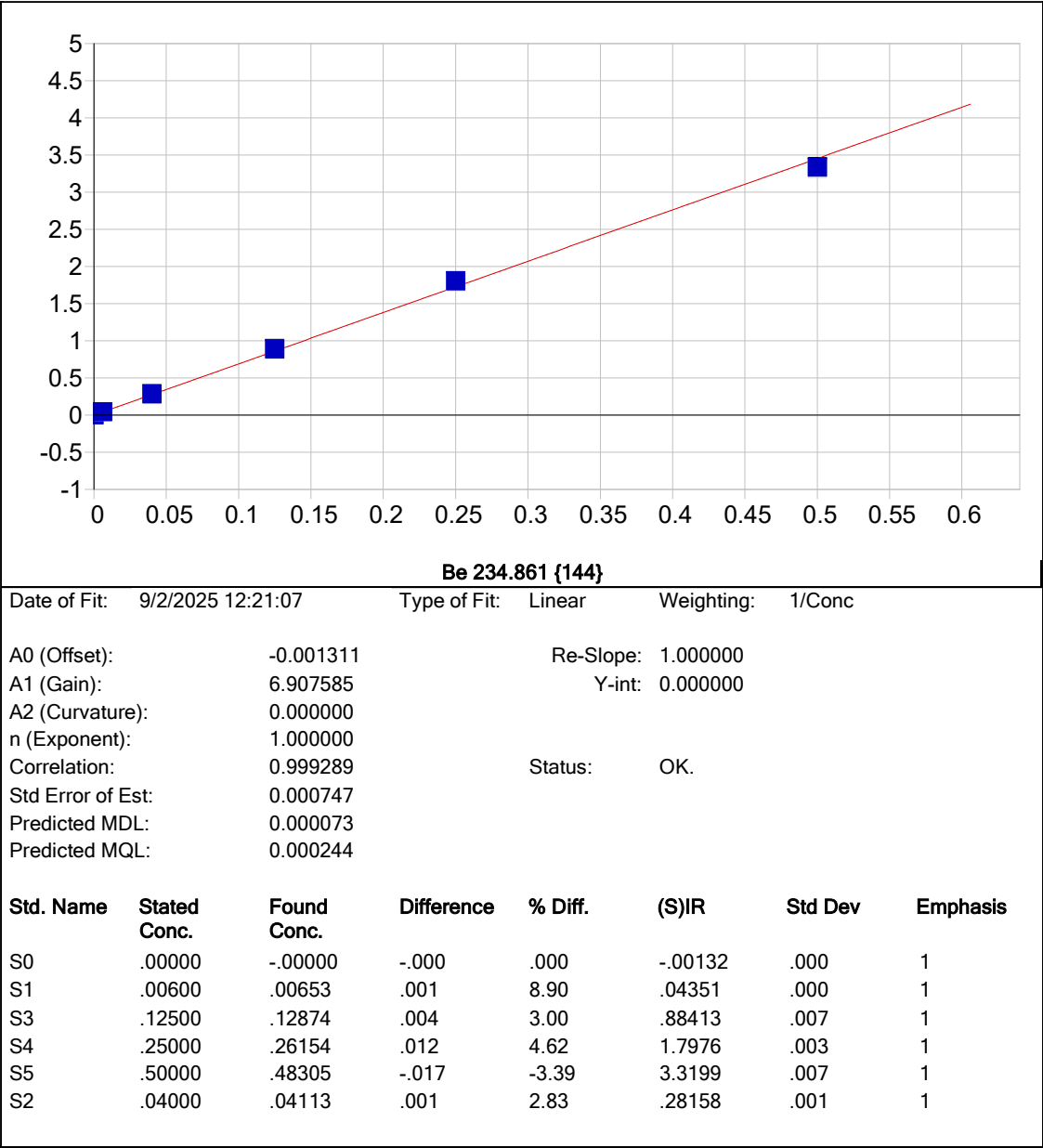
Date of Fit: 9/2/2025 12:21:07 Type of Fit: Linear Weighting: 1/Conc

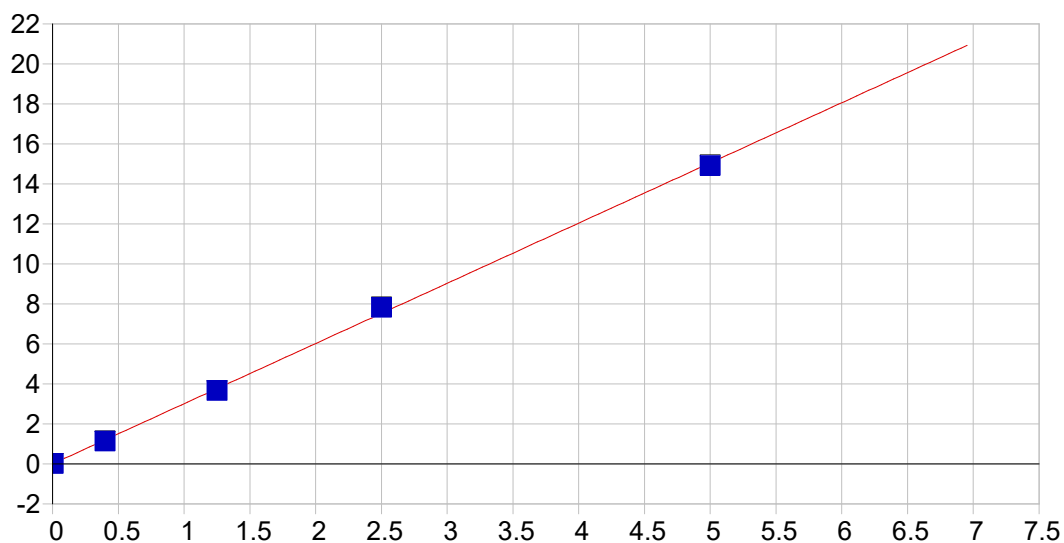
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A1 (Gain): 0.086532 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999729 Status: OK.
Std Error of Est: 0.000075
Predicted MDL: 0.001980
Predicted MQL: 0.006602

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00064	.000	1
S1	.05000	.04826	-.002	-3.48	.00482	.000	1
S3	2.5000	2.4367	-.063	-2.53	.21208	.001	1
S4	5.0000	5.1813	.181	3.63	.45016	.003	1
S5	10.000	9.9120	-.088	-.880	.86070	.001	1
S2	.80000	.77174	-.028	-3.53	.06761	.000	1







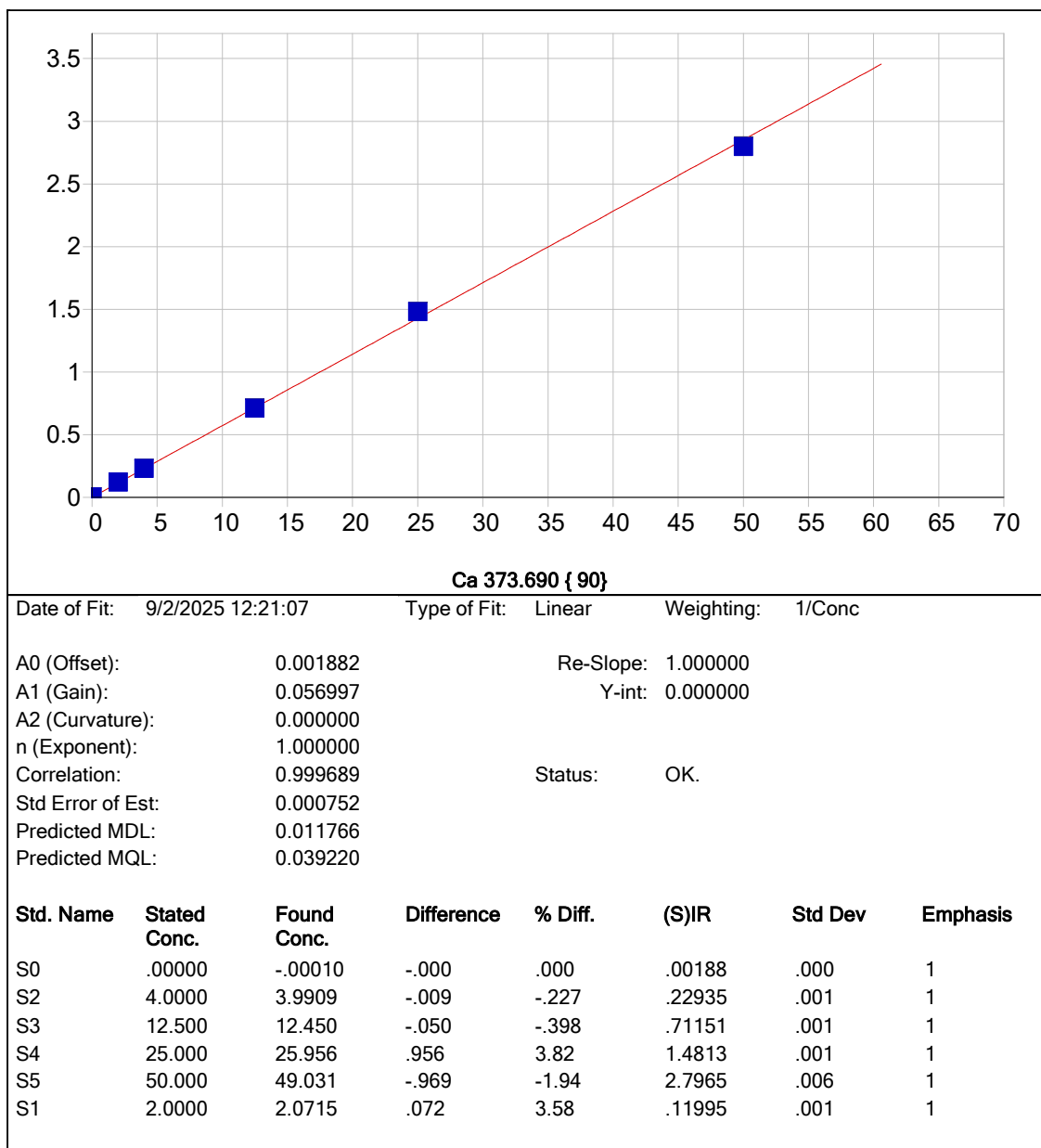


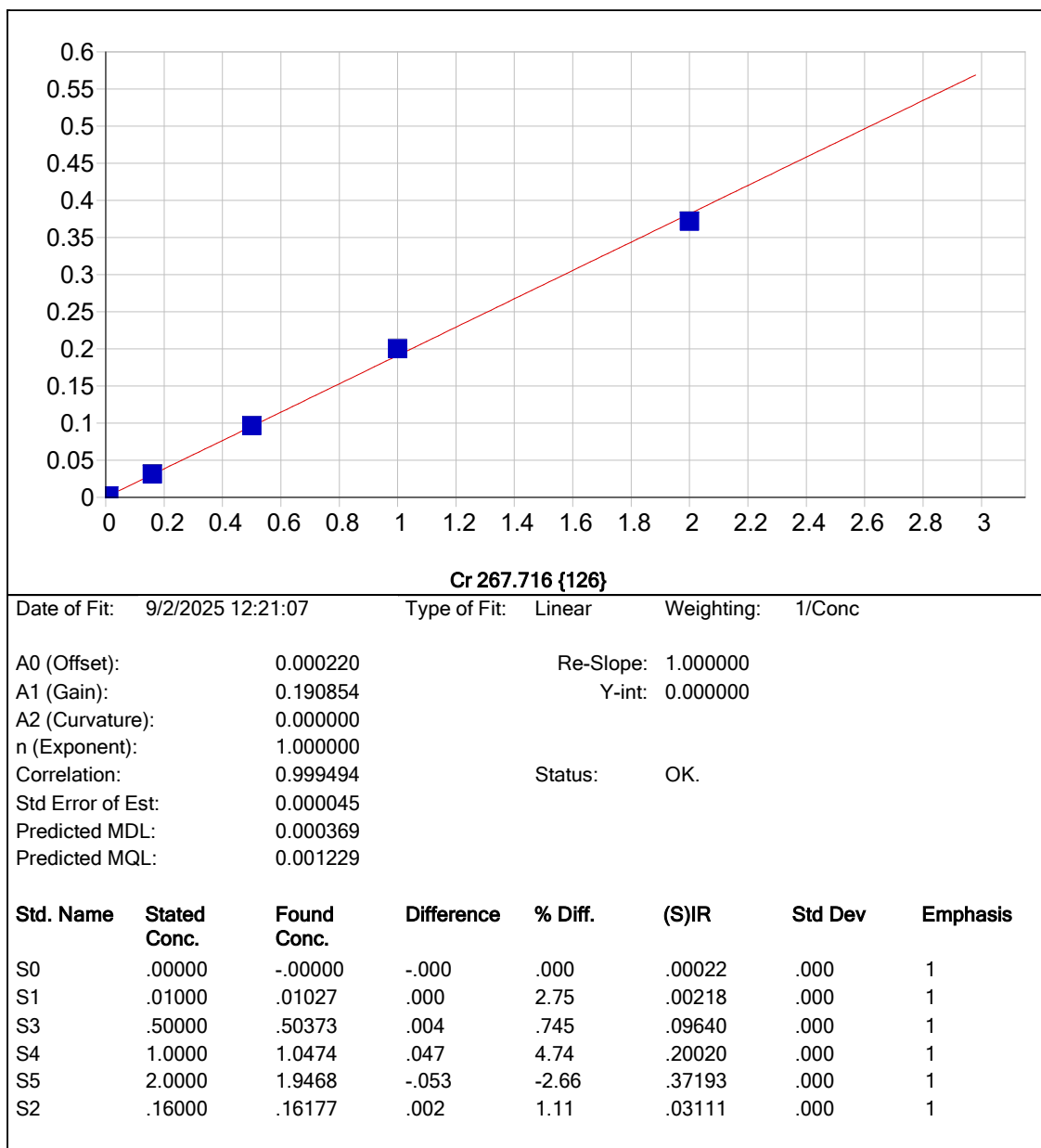
Cd 226.502 {449}

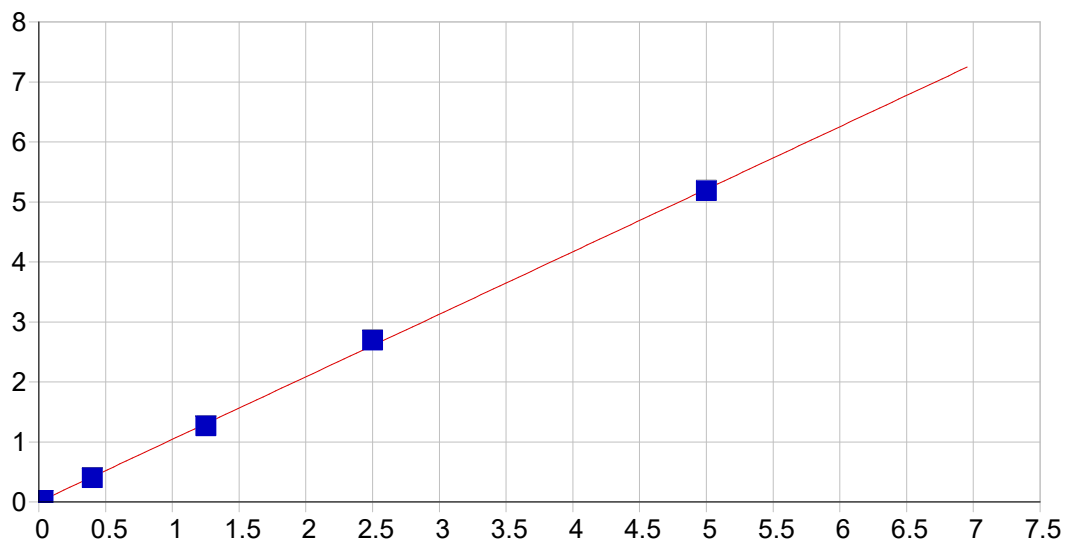
Date of Fit: 9/2/2025 12:21:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000615	Re-Slope:	1.000000
A1 (Gain):	3.010033	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999658	Status:	OK.
Std Error of Est:	0.000715		
Predicted MDL:	0.000075		
Predicted MQL:	0.000250		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00061	.000	1
S1	.00600	.00584	-.000	-2.72	.01701	.000	1
S3	1.2500	1.2158	-.034	-2.73	3.6615	.010	1
S4	2.5000	2.5987	.099	3.95	7.8266	.011	1
S5	5.0000	4.9560	-.044	-.879	14.927	.021	1
S2	.40000	.37958	-.020	-5.11	1.1427	.001	1





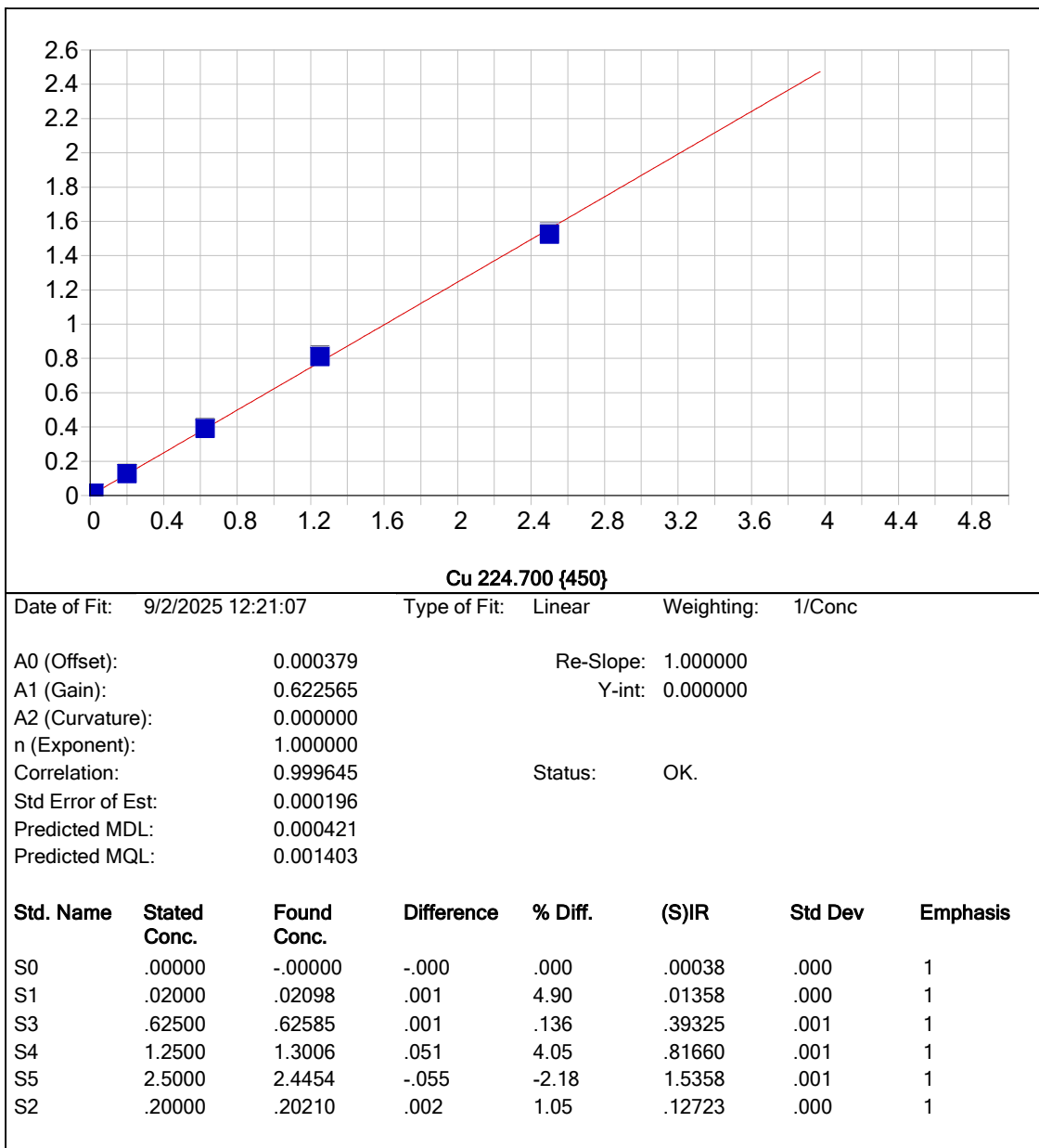


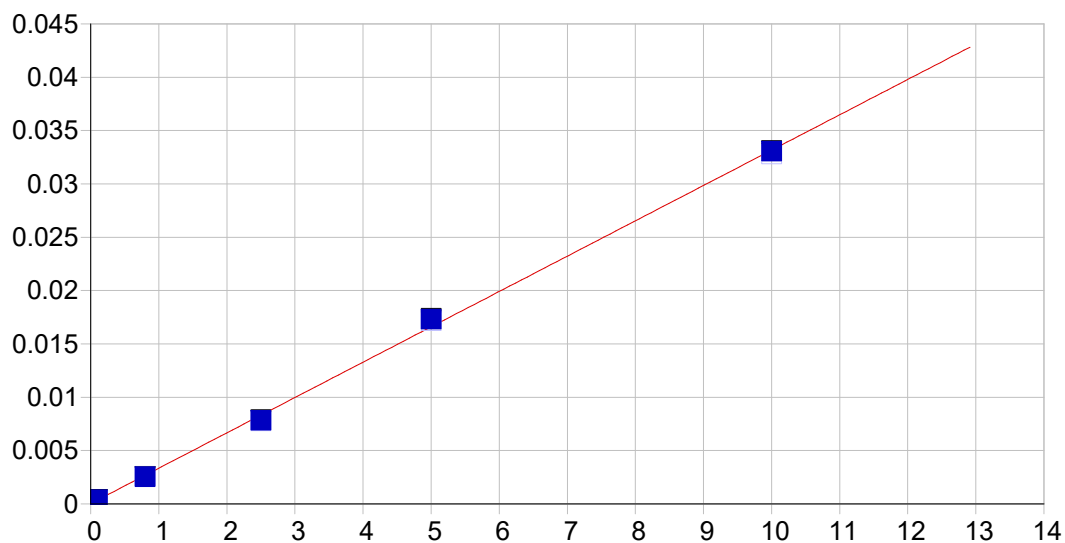
Co 228.616 {448}

Date of Fit: 9/2/2025 12:21:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000215 Re-Slope: 1.000000
A1 (Gain): 1.042220 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999742 Status: OK.
Std Error of Est: 0.000481
Predicted MDL: 0.000191
Predicted MQL: 0.000636

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00022	.000	1
S1	.03000	.02935	-.001	-2.16	.03067	.000	1
S3	1.2500	1.2139	-.036	-2.89	1.2676	.002	1
S4	2.5000	2.5830	.083	3.32	2.6966	.003	1
S5	5.0000	4.9714	-.029	-.573	5.1903	.004	1
S2	.40000	.38240	-.018	-4.40	.39946	.001	1



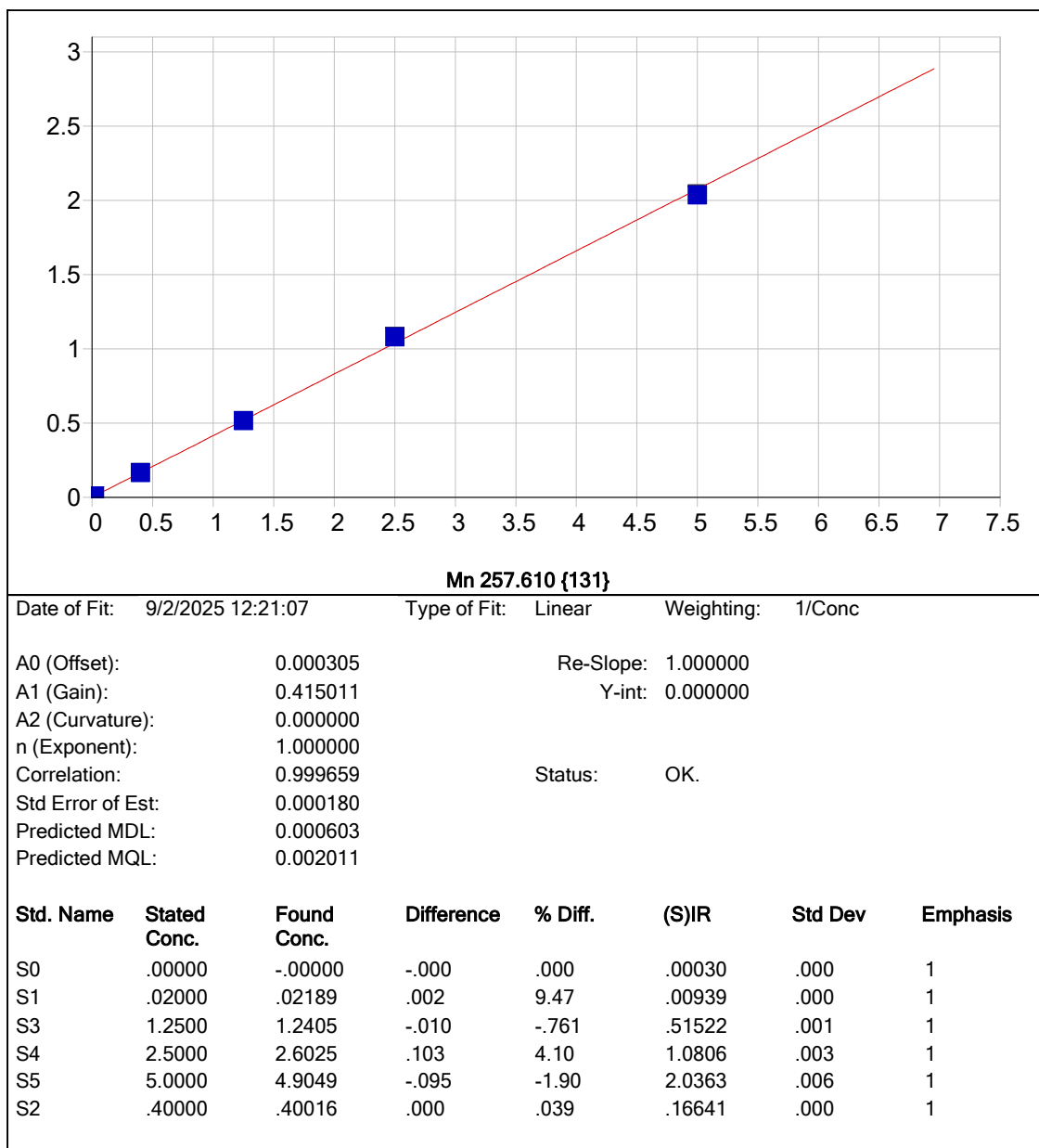


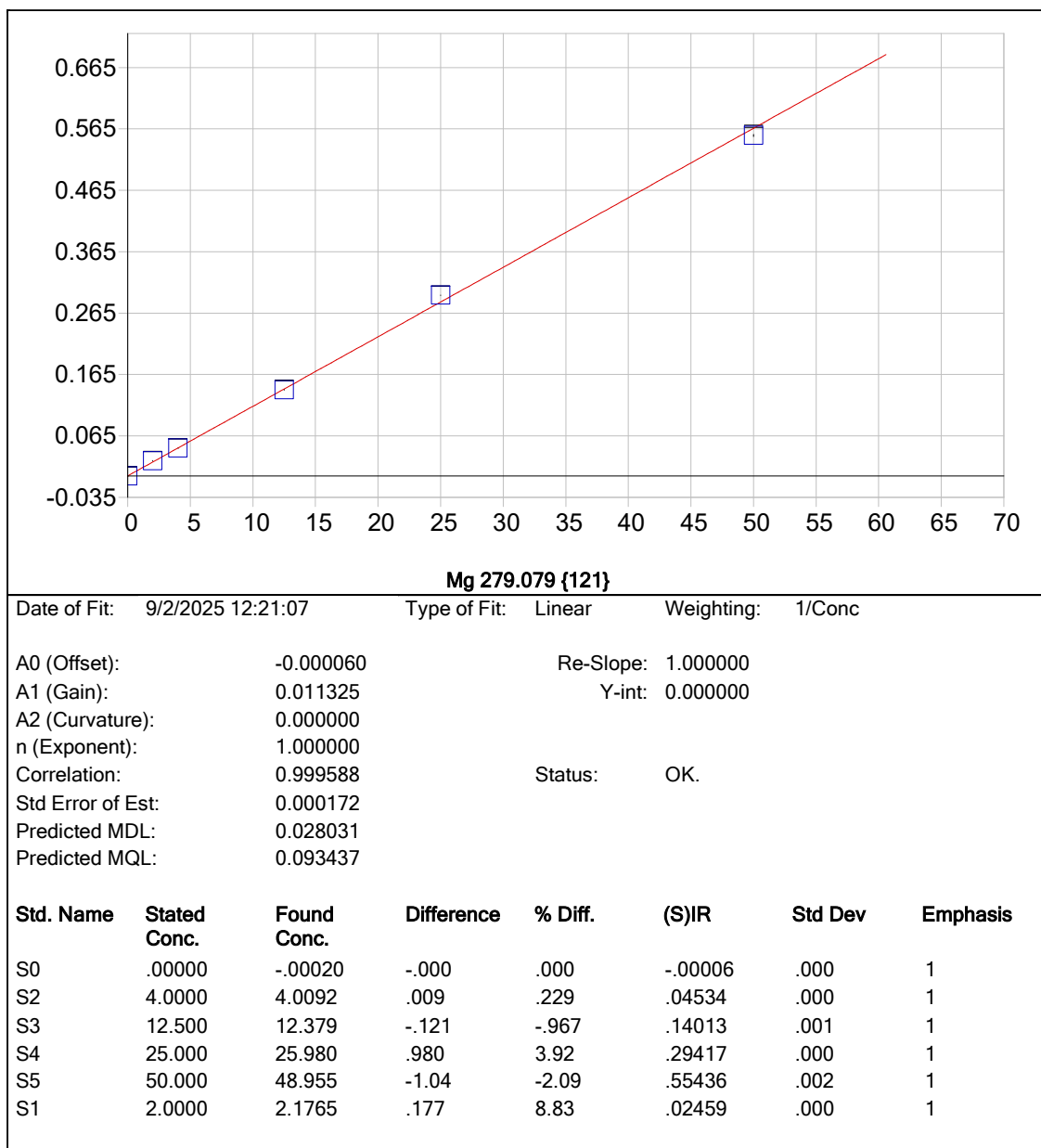
Fe 240.488 {140}

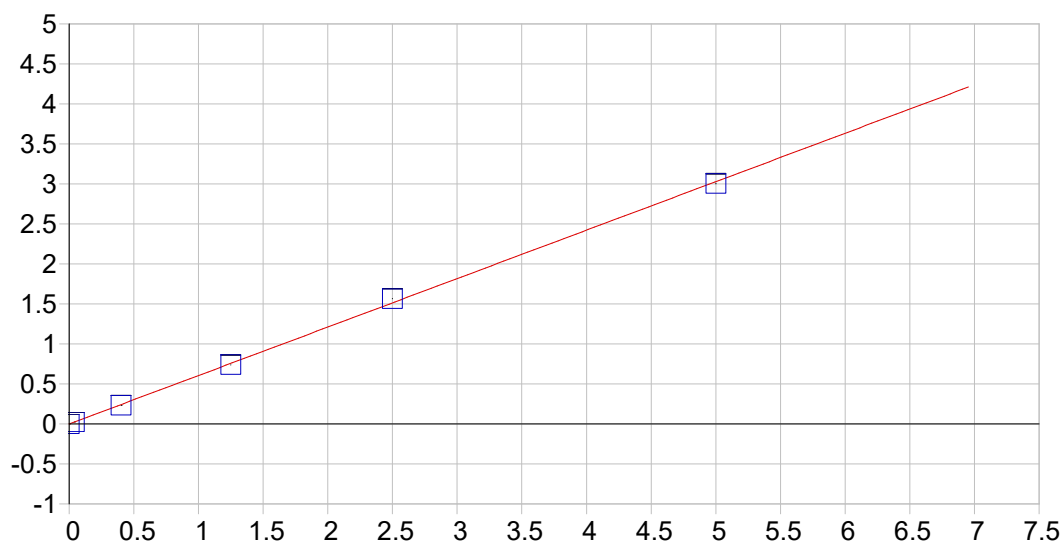
Date of Fit: 9/2/2025 12:21:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000035 Re-Slope: 1.000000
A1 (Gain): 0.003313 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999439 Status: OK.
Std Error of Est: 0.000006
Predicted MDL: 0.006858
Predicted MQL: 0.022859

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00004	.000	1
S1	.10000	.10377	.004	3.77	.00037	.000	1
S3	2.5000	2.3530	-.147	-5.88	.00776	.000	1
S4	5.0000	5.2150	.215	4.30	.01717	.000	1
S5	10.000	9.9701	-.030	-.299	.03278	.000	1
S2	.80000	.75811	-.042	-5.24	.00252	.000	1





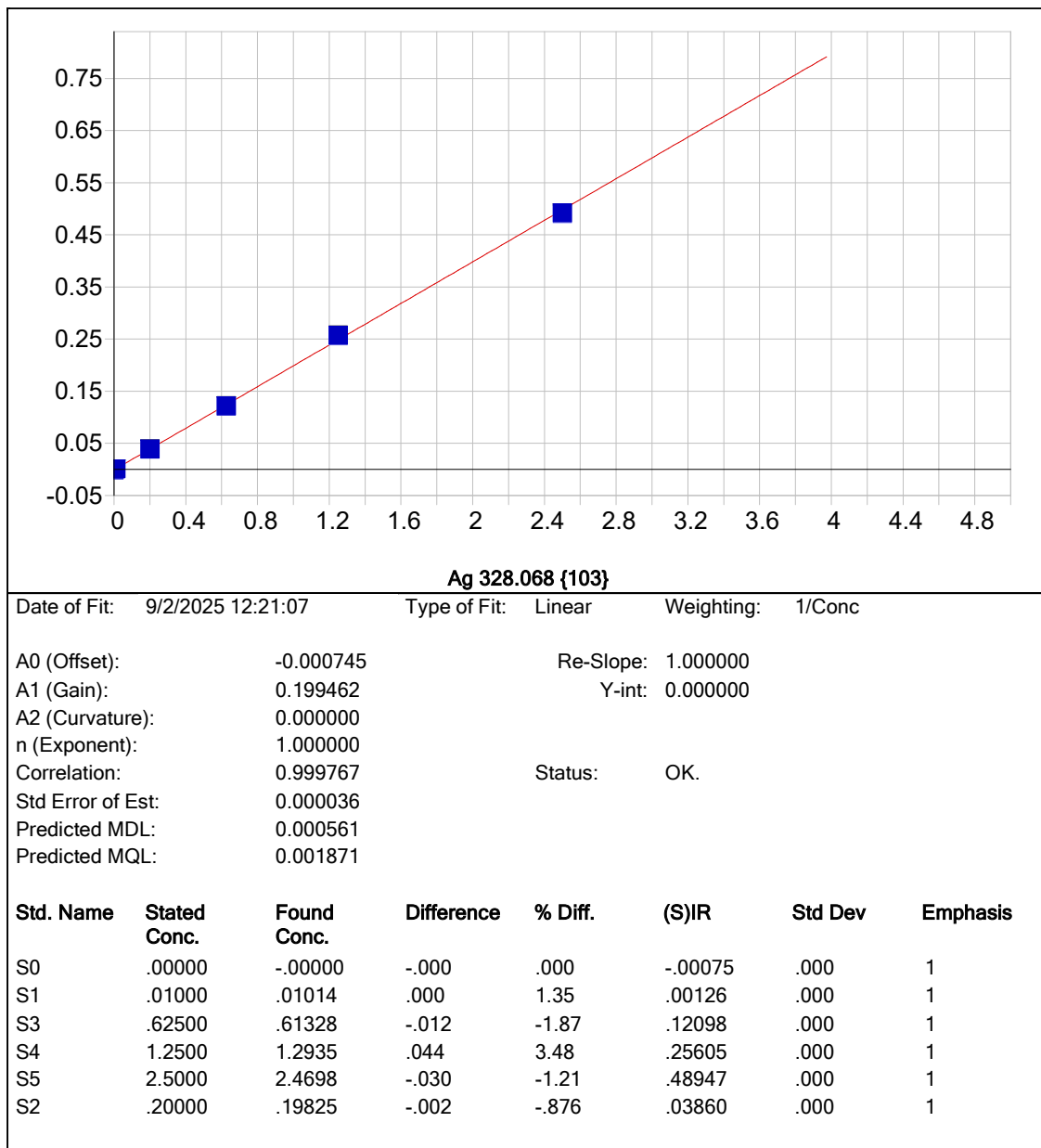


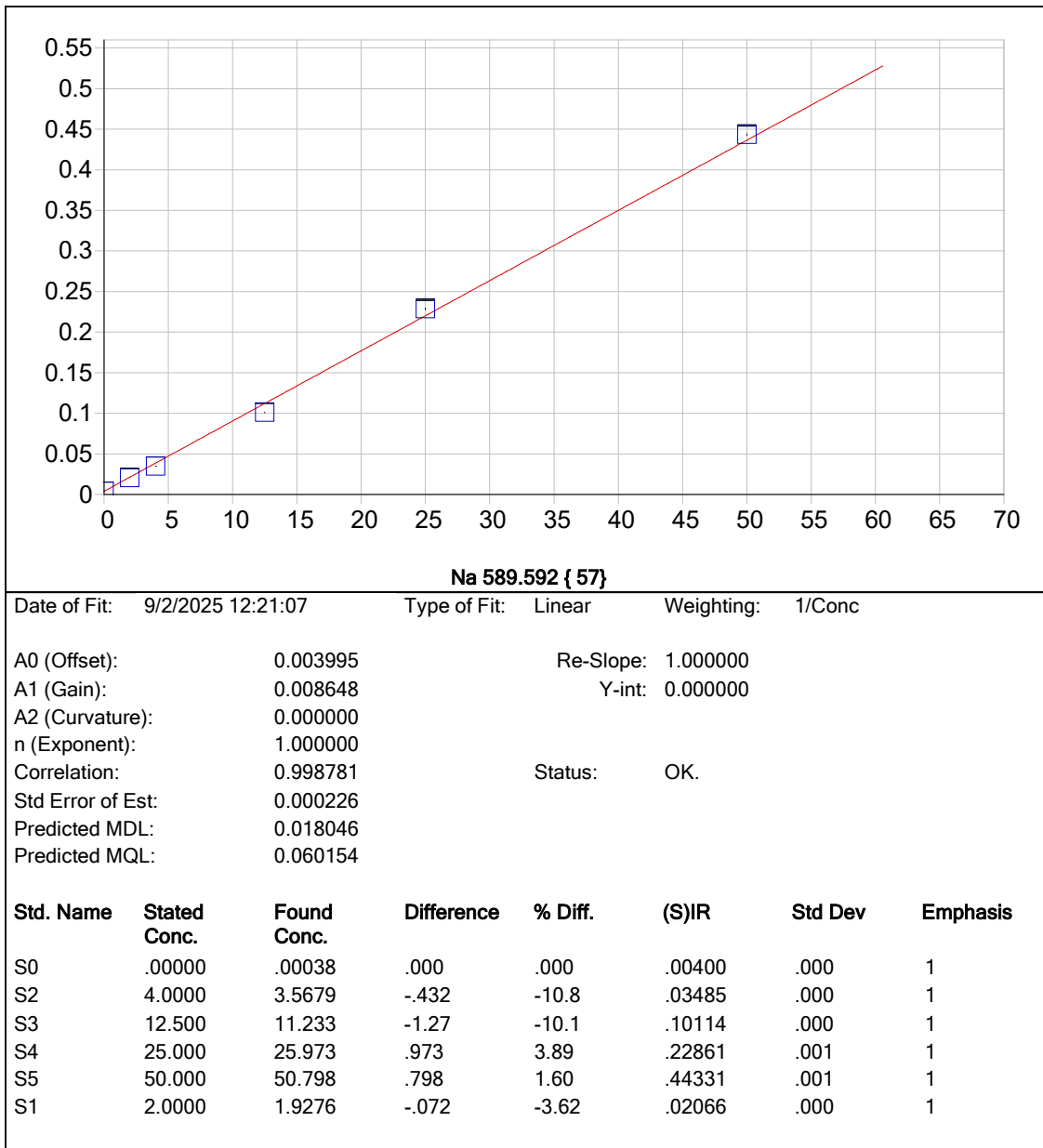
Ni 231.604 {446}

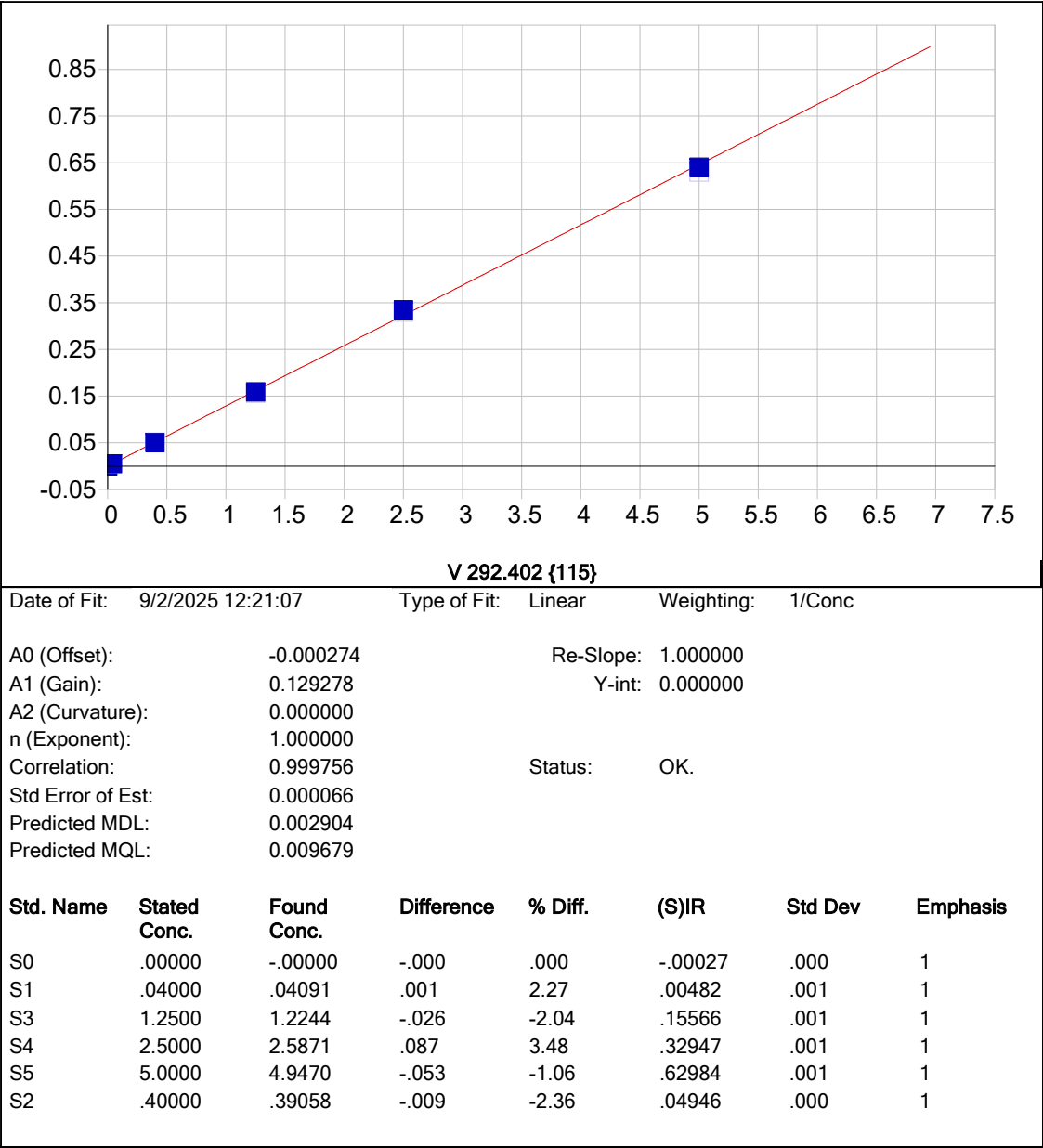
Date of Fit: 9/2/2025 12:21:07 Type of Fit: Linear Weighting: 1/Conc

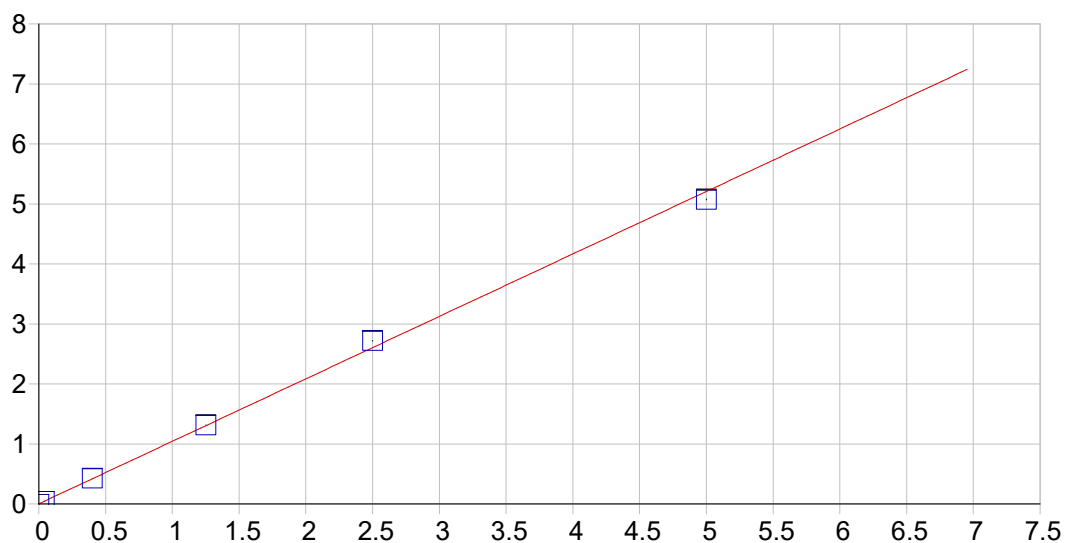
A0 (Offset): -0.000621 Re-Slope: 1.000000
A1 (Gain): 0.605653 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999748 Status: OK.
Std Error of Est: 0.000319
Predicted MDL: 0.000350
Predicted MQL: 0.001167

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00062	.000	1
S1	.04000	.03968	-.000	-.799	.02341	.000	1
S3	1.2500	1.2198	-.030	-2.42	.73815	.001	1
S4	2.5000	2.5863	.086	3.45	1.5658	.001	1
S5	5.0000	4.9597	-.040	-.807	3.0032	.003	1
S2	.40000	.38459	-.015	-3.85	.23231	.001	1







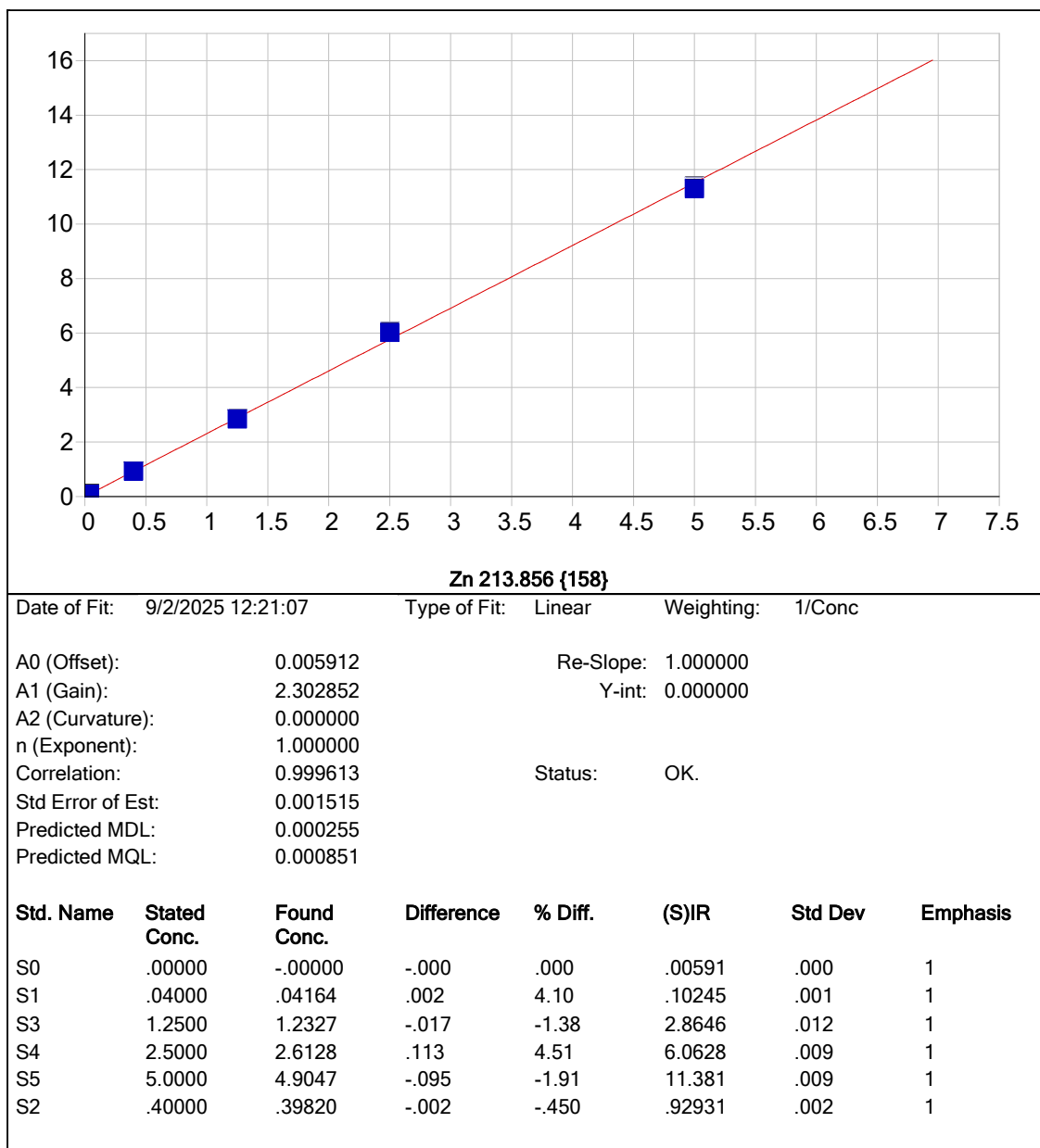


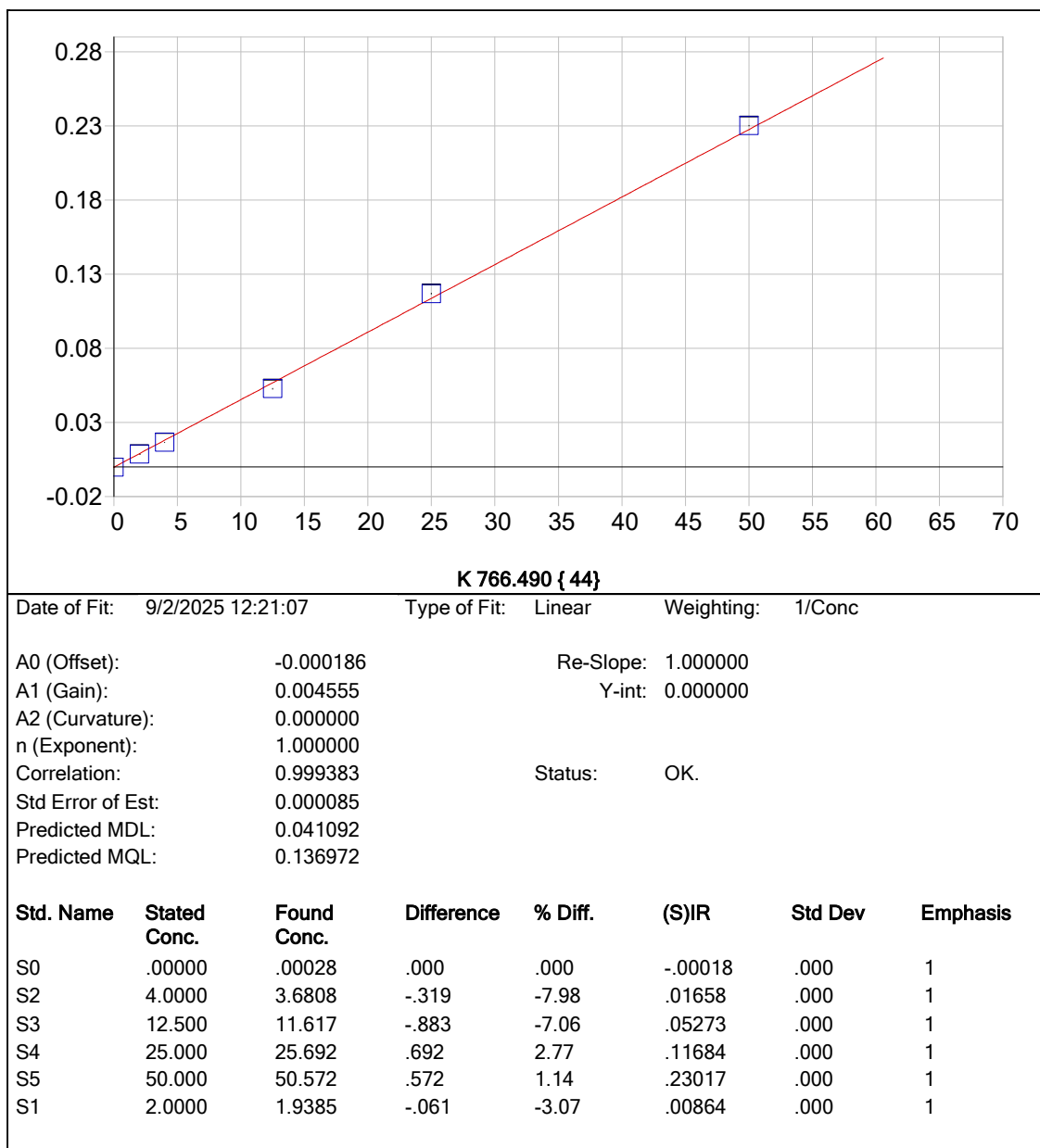
Zn 206.200 {464}

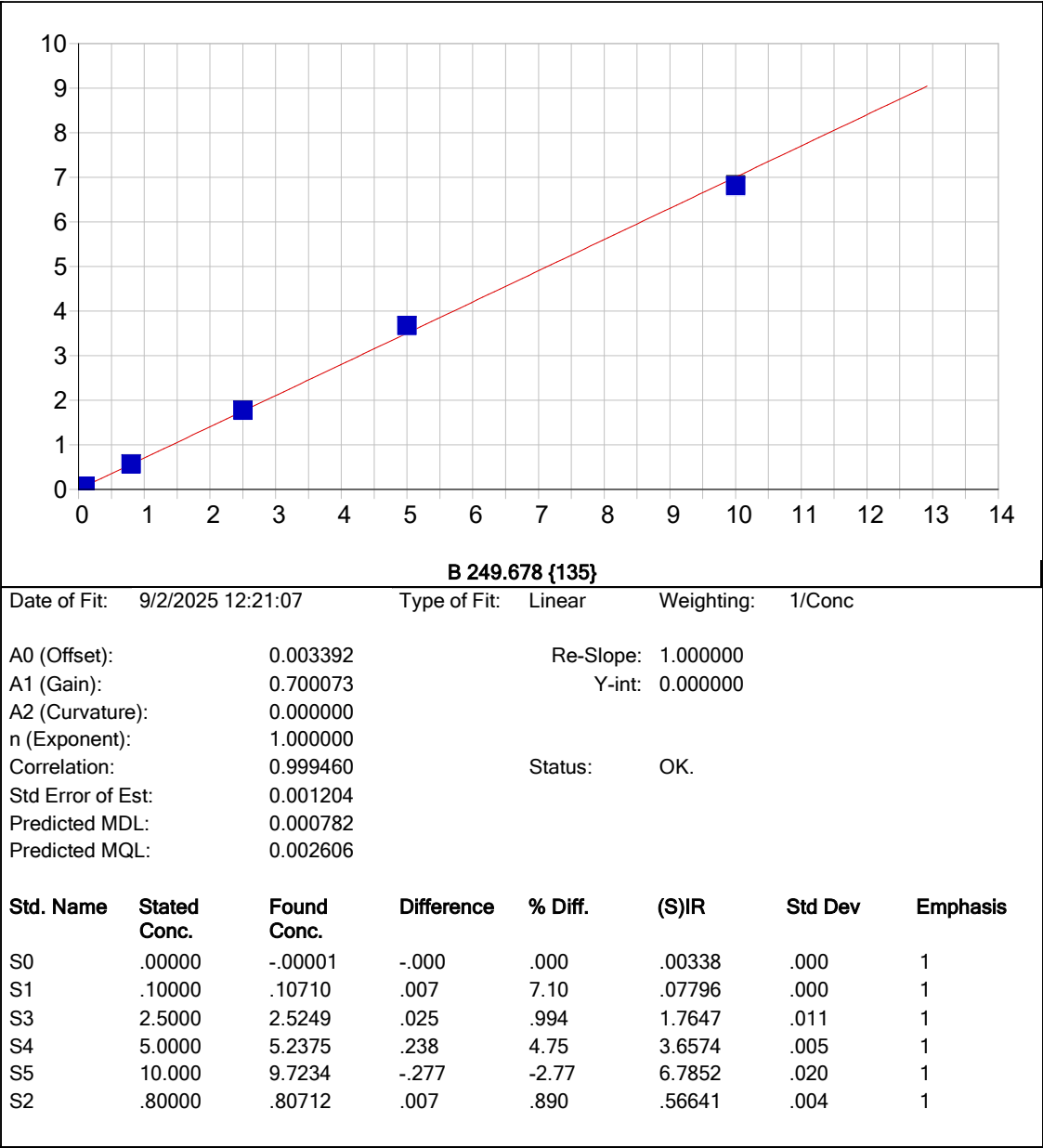
Date of Fit: 9/2/2025 12:21:07 Type of Fit: Linear Weighting: 1/Conc

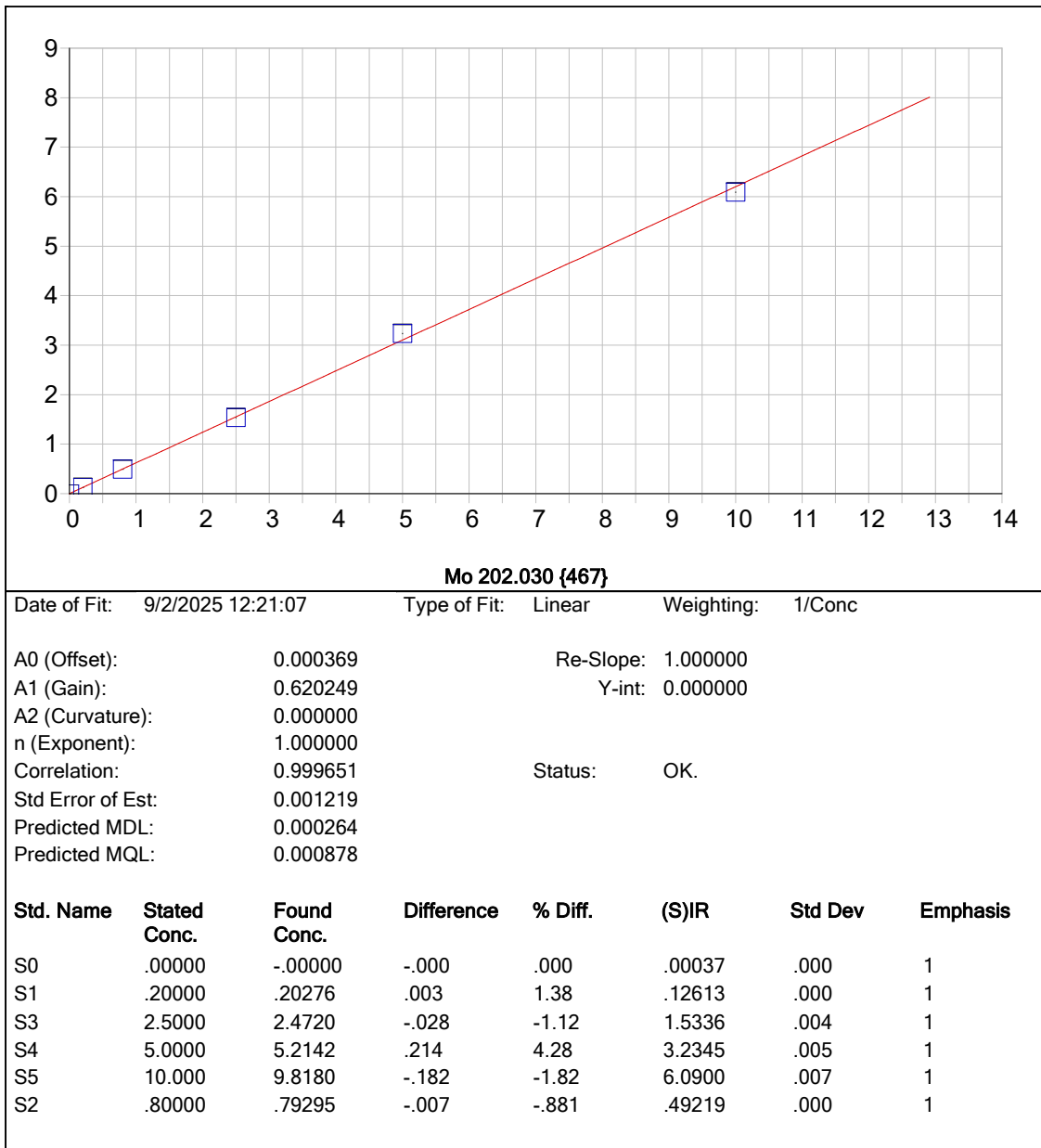
A0 (Offset): 0.001877 Re-Slope: 1.000000
A1 (Gain): 1.041142 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999534 Status: OK.
Std Error of Est: 0.000746
Predicted MDL: 0.000149
Predicted MQL: 0.000498

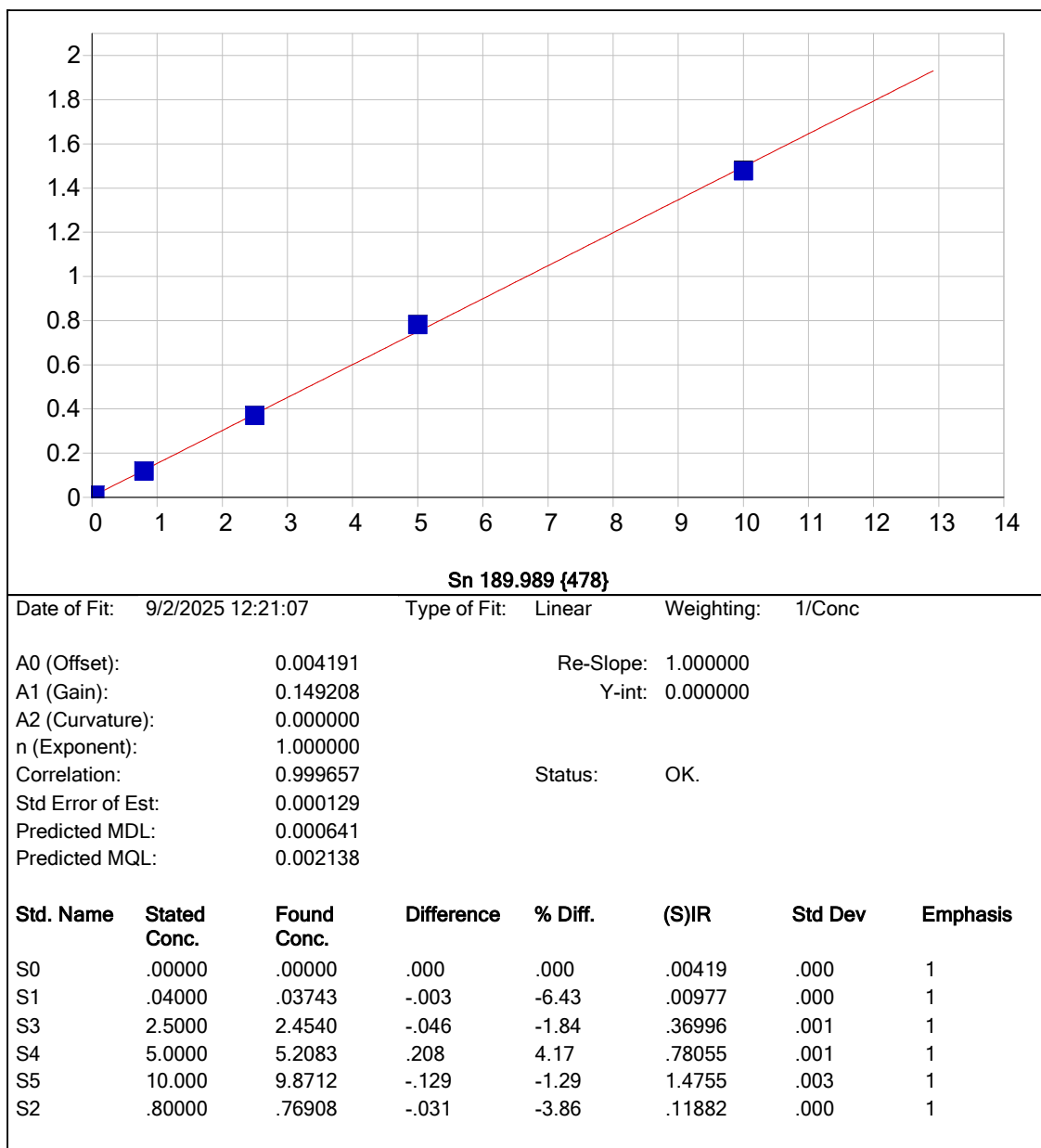
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00187	.000	1
S1	.04000	.04178	.002	4.45	.04537	.000	1
S3	1.2500	1.2598	.010	.781	1.3135	.003	1
S4	2.5000	2.6118	.112	4.47	2.7211	.007	1
S5	5.0000	4.8709	-.129	-2.58	5.0731	.009	1
S2	.40000	.40581	.006	1.45	.42438	.001	1

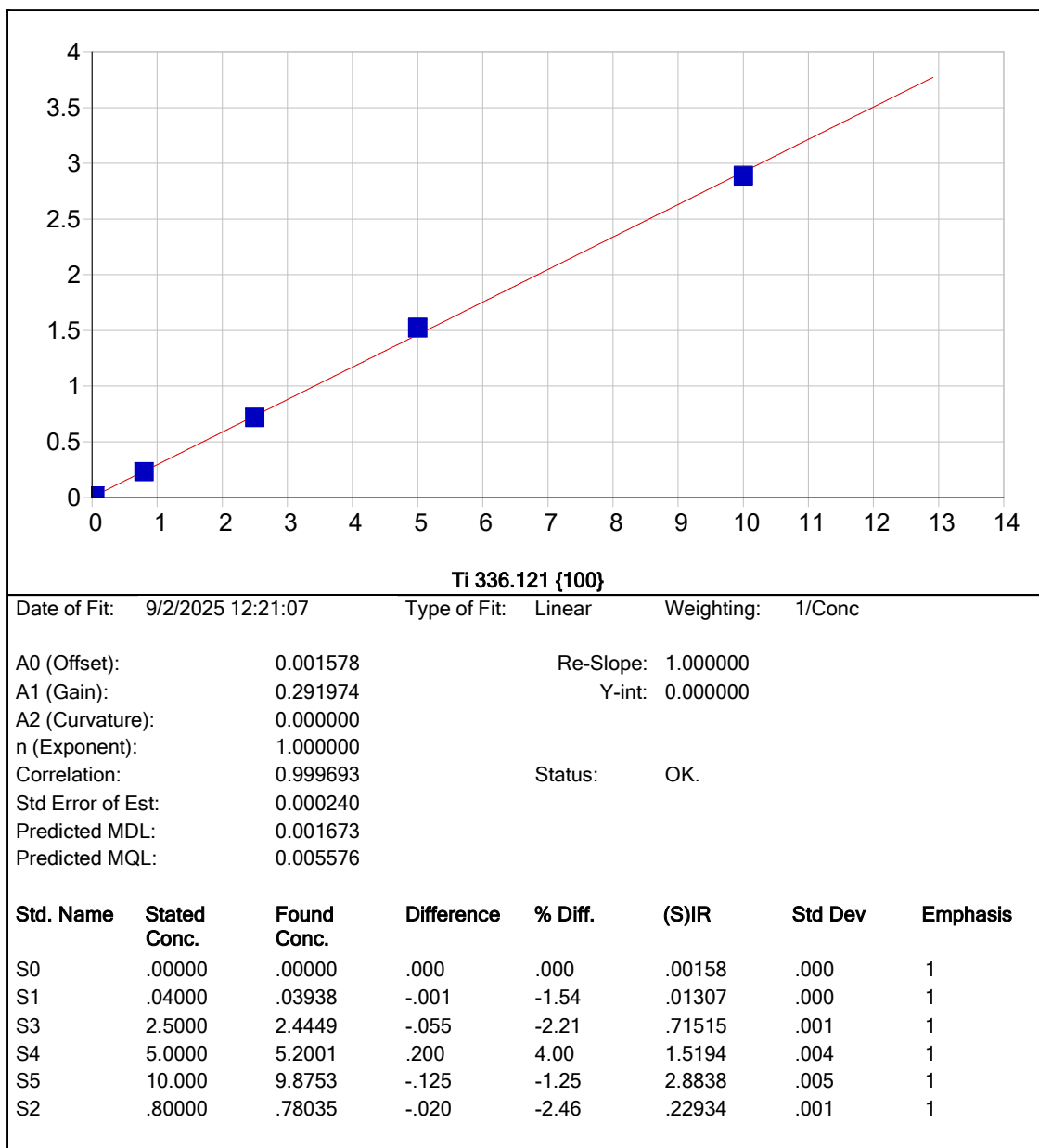


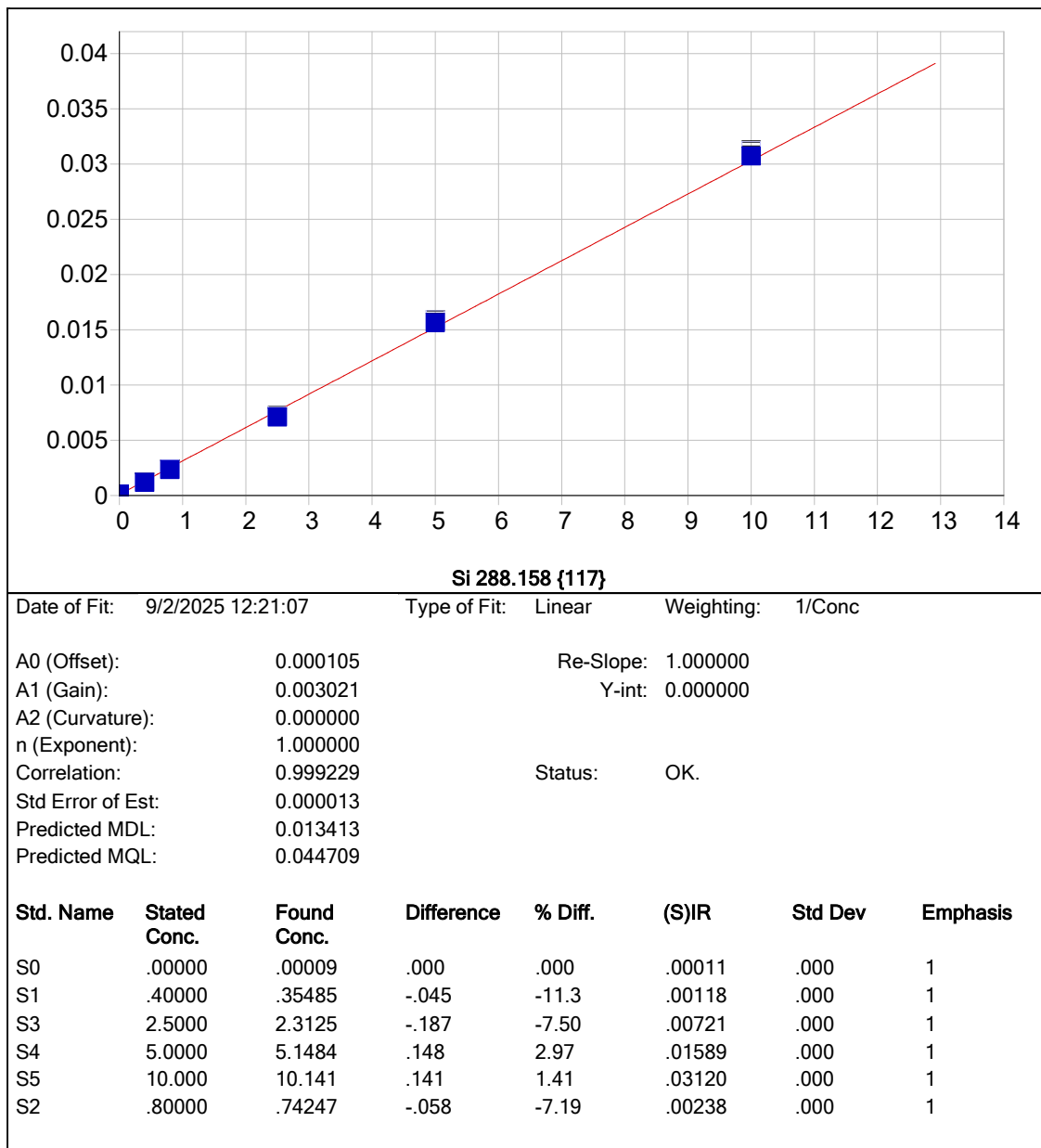


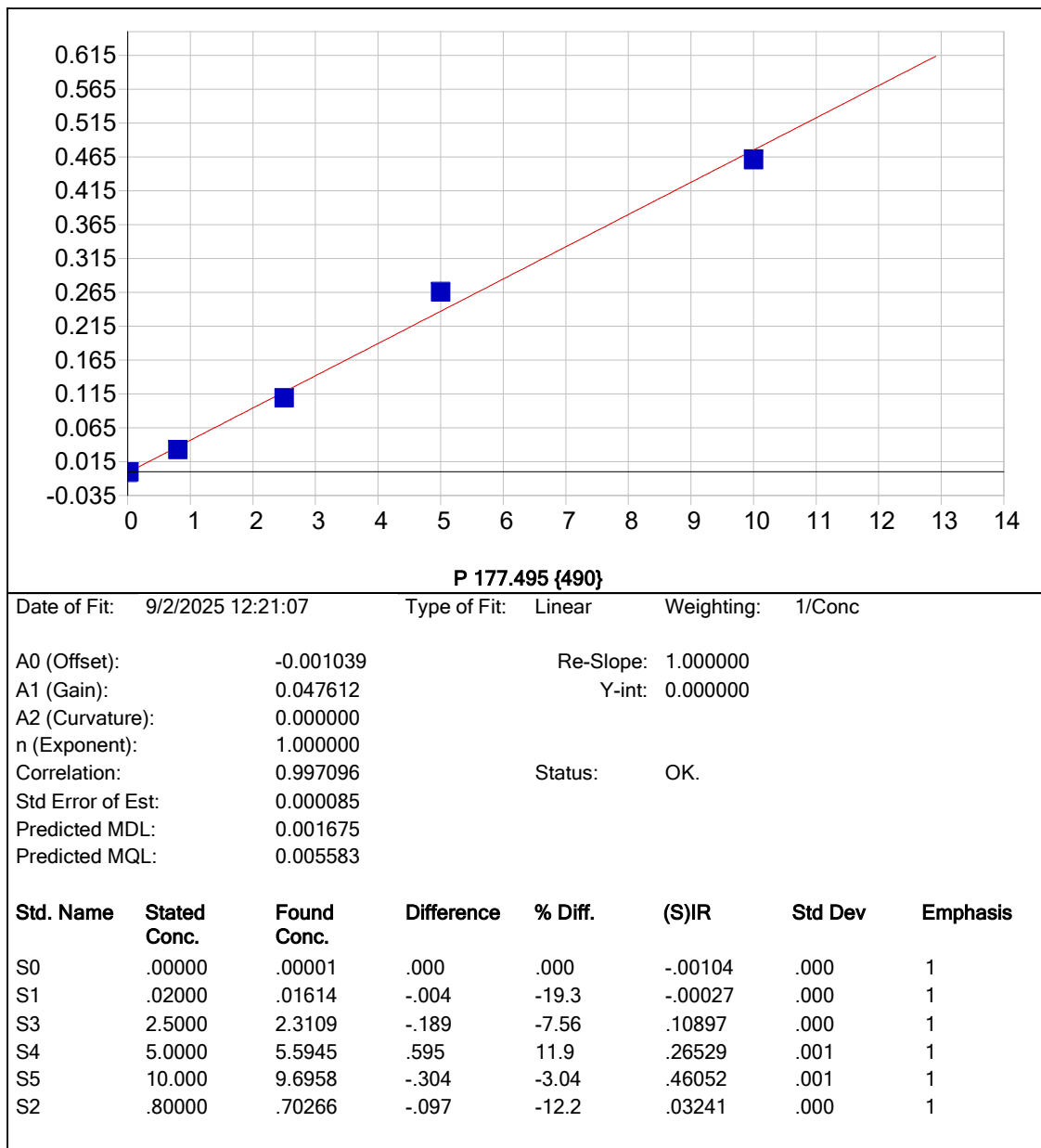


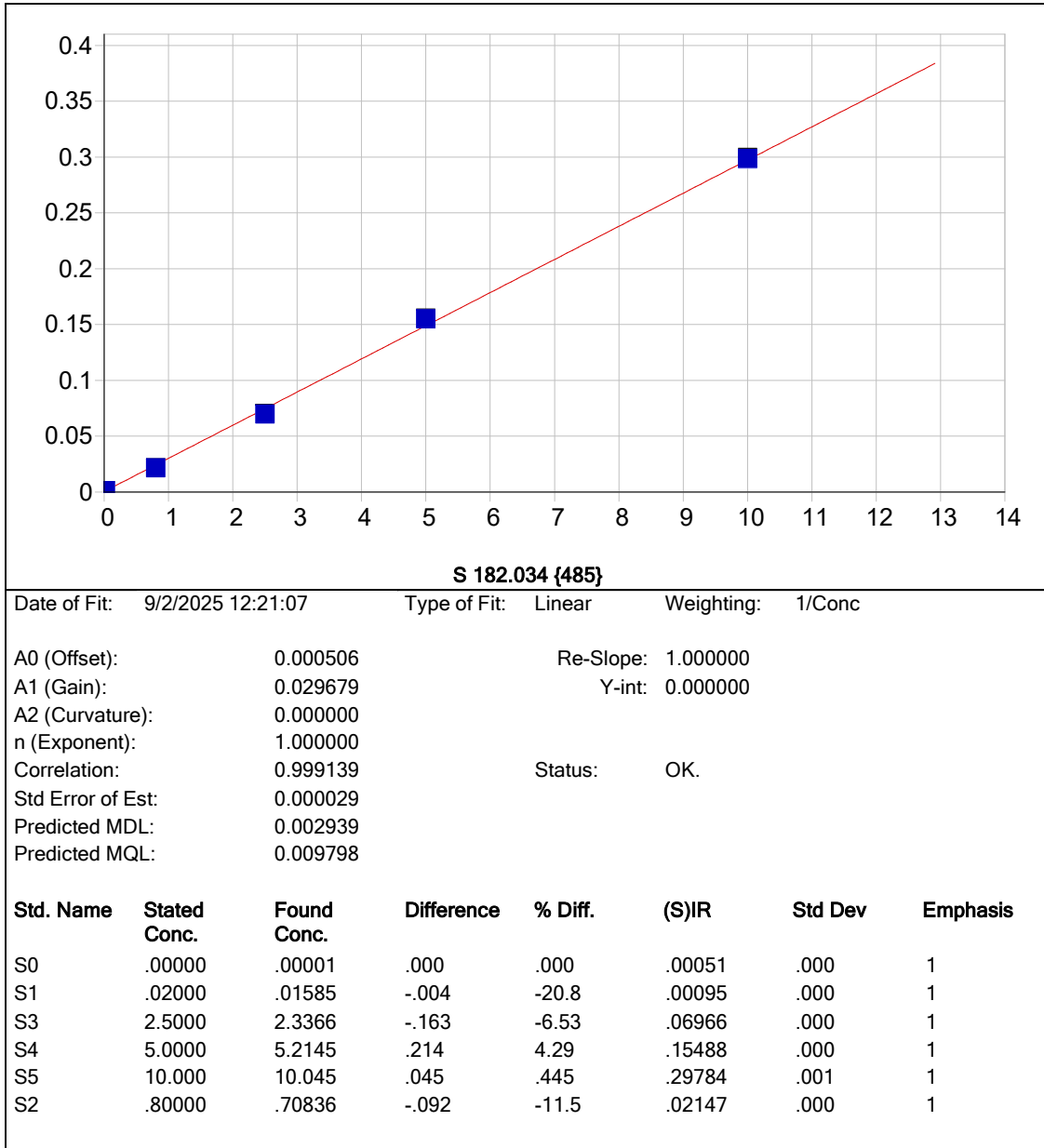


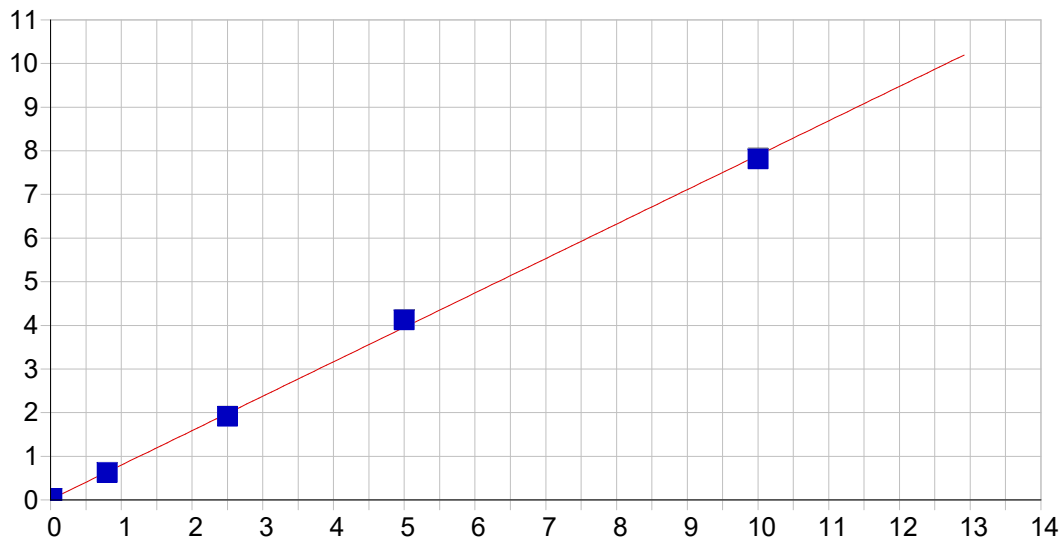










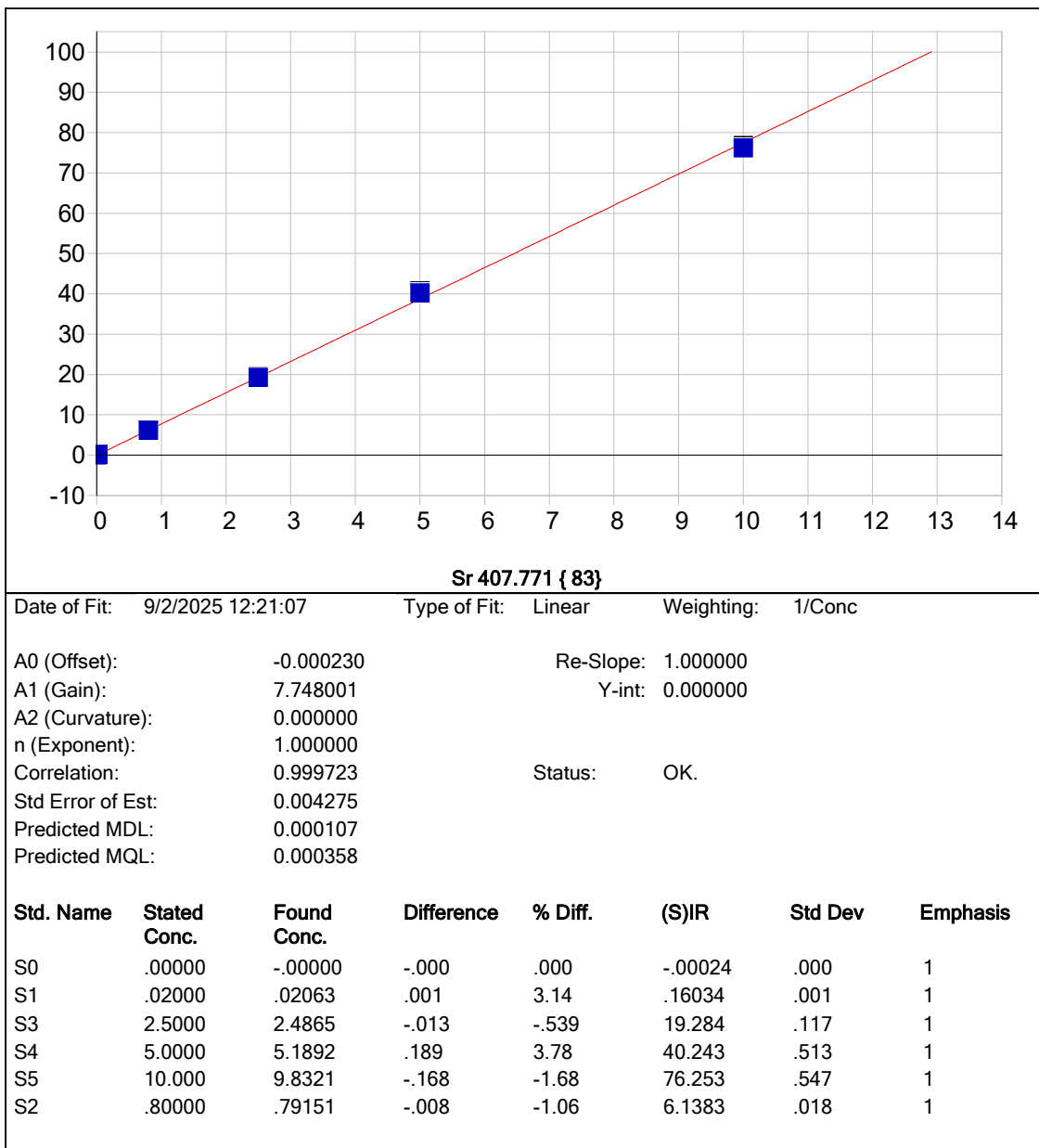


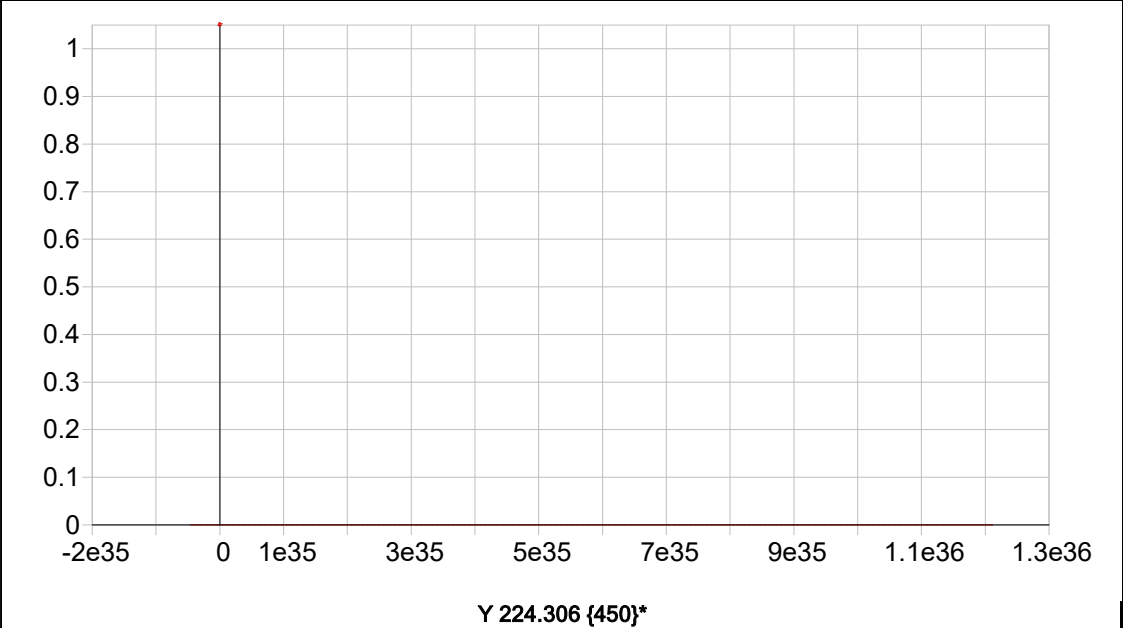
Li 670.784 { 50}

Date of Fit: 9/2/2025 12:21:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.009687 Re-Slope: 1.000000
A1 (Gain): 0.788826 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999619 Status: OK.
Std Error of Est: 0.000510
Predicted MDL: 0.001966
Predicted MQL: 0.006554

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00969	.001	1
S5	10.000	9.8886	-.111	-1.11	7.8164	.015	1
S4	5.0000	5.2139	.214	4.28	4.1257	.011	1
S3	2.5000	2.4135	-.087	-3.46	1.9151	.002	1
S1	.02000	.02193	.002	9.65	.02726	.001	1
S2	.80000	.78201	-.018	-2.25	.62706	.003	1

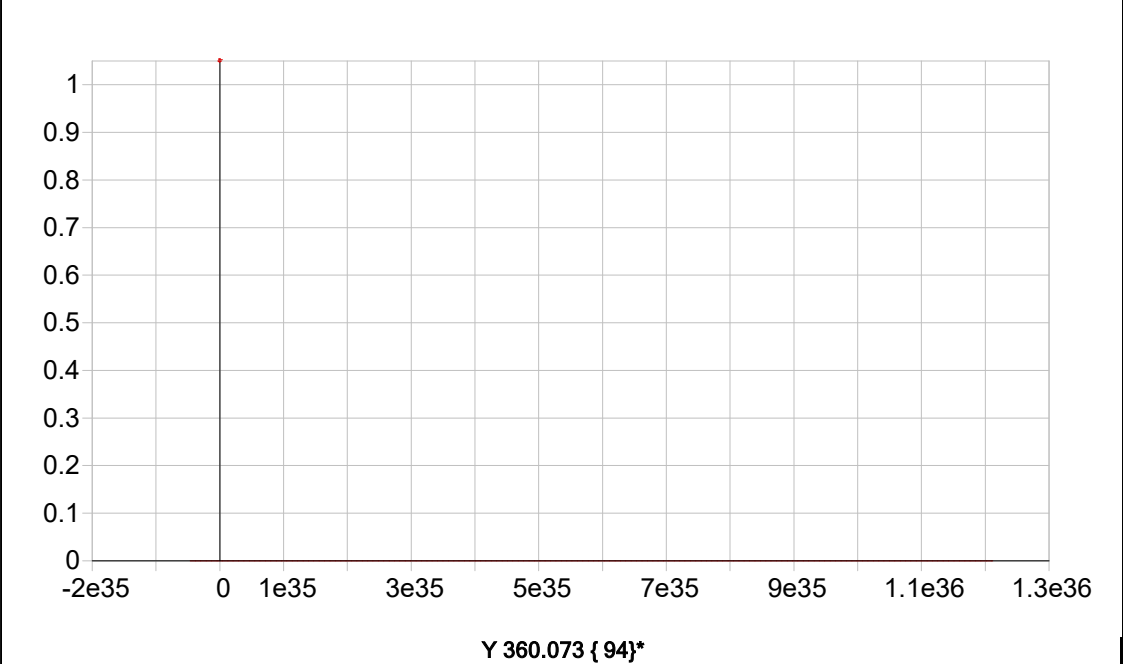




Date of Fit: 9/2/2025 12:21:07 Type of Fit: Linear Weighting: 1/Conc

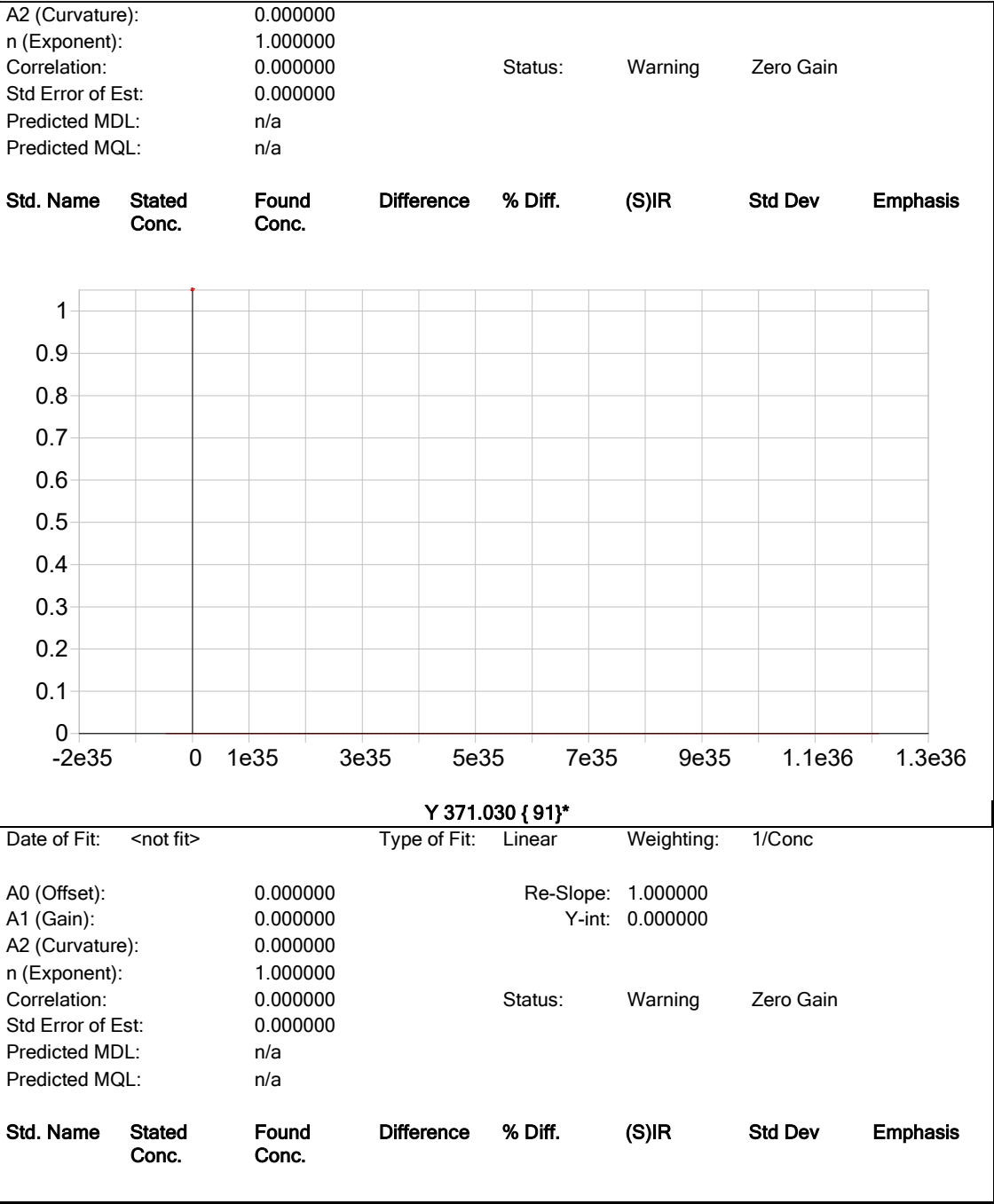
A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000



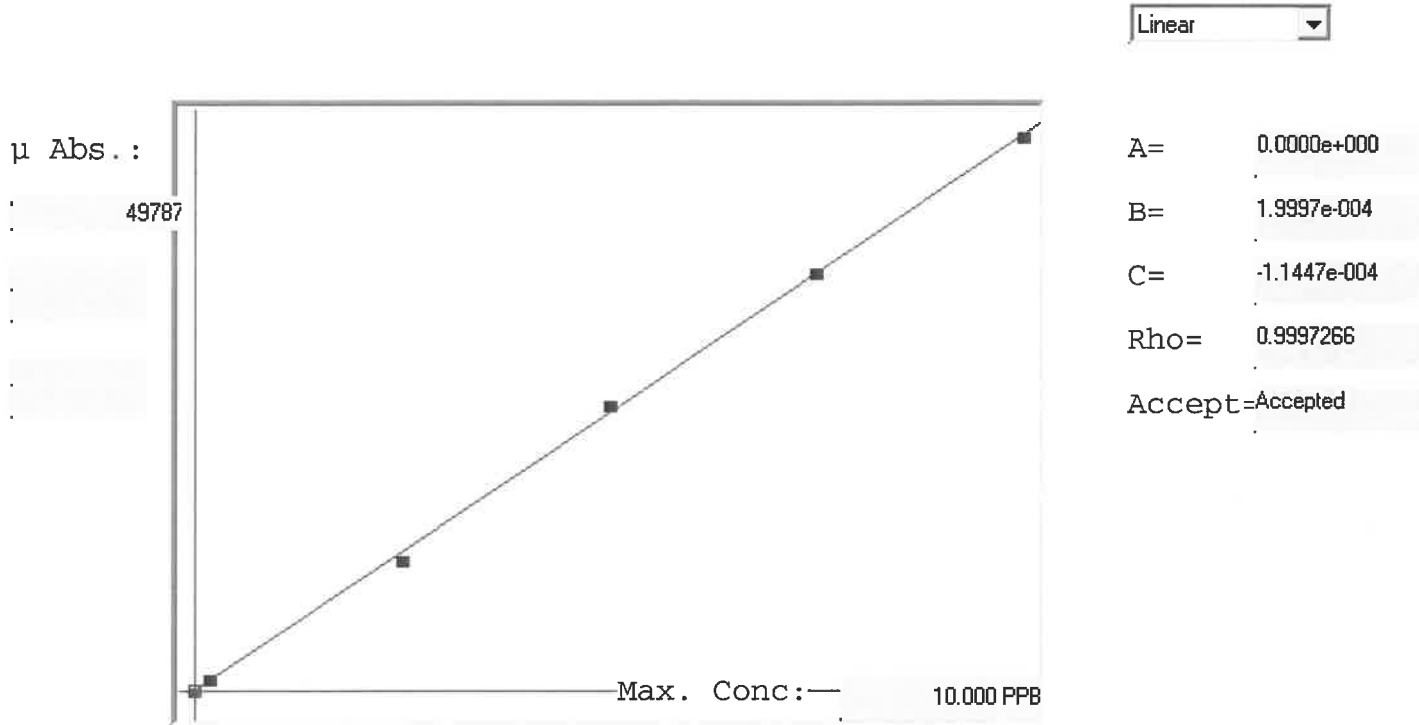
A2 (Curvature):		0.000000		Status:	Warning	Zero Gain	
n (Exponent):		1.000000					
Correlation:		0.000000					
Std Error of Est:		0.000000					
Predicted MDL:		n/a					
Predicted MQL:		n/a					
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

LB137054 INSTRUMENT ID : CV1

Method: 7471B Operator: Admin Date of Analysis: 03 Sep 2025 12:52:44

Type	Sample ID	Extended ID	Conc.	μ Abs.	Units	Type	Std Conc	Method	Date
S	0.0 - 1	50	-	125	PPB	Std	0.0000	7471B	03 Sep 2025 13:02:11
S	0.2 - 1	50.2	-	1109	PPB	Std	0.2000	7471B	03 Sep 2025 13:04:37
S	2.5 - 1	52.5	-	11749	PPB	Std	2.5000	7471B	03 Sep 2025 13:06:55
S	5.0 - 1	550	-	25690	PPB	Std	5.0000	7471B	03 Sep 2025 13:09:12
S	7.5 - 1	57.5	-	37561	PPB	Std	7.5000	7471B	03 Sep 2025 13:11:29
S	10.0 - 1	510.0	-	49787	PPB	Std	10.0000	7471B	03 Sep 2025 13:13:47
U	ICV19 - 1	ICV19	3.9165	19586	PPB	SMPL	-7471B		03 Sep 2025 13:16:35
U	ICB19 - 1	ICB19	-0.0163	-81	PPB	SMPL	-7471B		03 Sep 2025 13:18:52
U	CCV55 - 1	CCV55	5.1730	25869	PPB	SMPL	-7471B		03 Sep 2025 13:21:09
U	CCB55 - 1	CCB55	-0.0121	-60	PPB	SMPL	-7471B		03 Sep 2025 13:23:24
U	CRA - 1	CRA	0.2167	1084	PPB	SMPL	-7471B		03 Sep 2025 13:25:41
U	HighStd - 1	HighStd	10.1425	50720	PPB	SMPL	-7471B		03 Sep 2025 13:27:57
U	ChkStd - 1	ChkStd	7.4778	37395	PPB	SMPL	-7471B		03 Sep 2025 13:30:12
U	PB169525BL - 1	PB169525BL	-0.0847	-423	PPB	SMPL	-7471B		03 Sep 2025 13:32:31
U	PB169525BS - 1	PB169525BS	4.6976	23492	PPB	SMPL	-7471B		03 Sep 2025 13:40:12
U	Q2989-01 - 1	SOUTH-TP-5	0.2970	1486	PPB	SMPL	-7471B		03 Sep 2025 13:42:28
U	Q2989-03 - 1	SOUTH-TP-6	0.2680	1341	PPB	SMPL	-7471B		03 Sep 2025 13:44:47
U	Q2991-01 - 1	309	0.0897	449	PPB	SMPL	-7471B		03 Sep 2025 13:47:05
U	Q2994-01 - 1	PAULDING-WC1	11.6305	58161	PPB	SMPL	-7471B		03 Sep 2025 13:49:24
U	Q2995-01 - 1	RT5427	0.0401	201	PPB	SMPL	-7471B		03 Sep 2025 13:51:39
U	CCV56 - 1	CCV56	5.0288	25148	PPB	SMPL	-7471B		03 Sep 2025 13:53:57
U	CCB56 - 1	CCB56	-0.0377	-188	PPB	SMPL	-7471B		03 Sep 2025 13:56:12
U	Q2995-01DUP - 1	RT5427DUP	0.1069	535	PPB	SMPL	-7471B		03 Sep 2025 13:58:29
U	Q2995-01MS - 1	RT5427MS	4.7268	23638	PPB	SMPL	-7471B		03 Sep 2025 14:00:44
U	Q2995-01MSD - 1	RT5427MSD	4.7562	23785	PPB	SMPL	-7471B		03 Sep 2025 14:03:00
U	Q2996-01 - 1	CONTAINMENT-A	-0.0291	-145	PPB	SMPL	-7471B		03 Sep 2025 14:05:18
U	Q2996-03 - 1	CONTAINMENT-B	0.0527	264	PPB	SMPL	-7471B		03 Sep 2025 14:07:36
U	Q2996-05 - 1	CONTAINMENT-C	0.0275	138	PPB	SMPL	-7471B		03 Sep 2025 14:09:53
U	Q2997-01 - 1	EO-01-082925	0.3802	1902	PPB	SMPL	-7471B		03 Sep 2025 14:12:09
U	Q2998-01 - 1	AU-05-082925	1.2783	6393	PPB	SMPL	-7471B		03 Sep 2025 14:14:26
U	Q3003-01 - 1	VNJ-231	0.5516	2759	PPB	SMPL	-7471B		03 Sep 2025 14:16:44
U	Q2995-01LX5 - 1		-0.0007	-3	PPB	SMPL	-7471B		03 Sep 2025 14:19:00
U	CCV57 - 1	CCV57	5.1026	25517	PPB	SMPL	-7471B		03 Sep 2025 14:21:16
U	CCB57 - 1	CCB57	-0.0353	-176	PPB	SMPL	-7471B		03 Sep 2025 14:23:31
U	Q2995-01A - 1		4.0013	20010	PPB	SMPL	-7471B		03 Sep 2025 14:25:48
U	Q2994-01DLX5 - 1		6.0162	30086	PPB	SMPL	-7471B		03 Sep 2025 14:28:03
U	CCV58 - 1	CCV58	5.0974	25491	PPB	SMPL	-7471B		03 Sep 2025 14:30:54
U	CCB58 - 1	CCB58	-0.0289	-144	PPB	SMPL	-7471B		03 Sep 2025 14:33:11

7471B



Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	% D
0.0	0.000	0.025	0.025	125	0.000	125					
0.2	0.200	0.222	0.022	1109	0.0 %	1109					
2.5	2.500	2.349	-0.151	11749	0.0 %	11749					
5.0	5.000	5.137	0.137	25690	0.0 %	25690					
7.5	7.500	7.511	0.011	37561	0.0 %	37561					
10.0	10.000	9.956	-0.044	49787	0.0 %	49787					

SOP ID : M3050B-Digestion-20

SDG No : N/A

Matrix : SOIL

Pipette ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

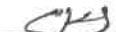
Block ID: 1. HOT BLOCK #2 2. N/A

Start Digest Date: 09/02/2025 Time : 10:35 Temp : 96 °C

End Digest Date: 09/02/2025 Time : 12:40 Temp : 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #2

Dig Technician Signature: 

Supervisor Signature: 

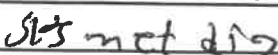
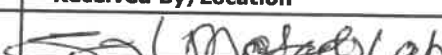
Temp : 1. 96°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
LFS-1	1.00	M6180
LFS-2	1.00	M6181
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	5.00	M6158
1:1 HNO3	10.00	MP86978
30% H2O2	3.00	M6170
CONC: HCL	10.00	M6151
PTFE Boiling Stones	N/A	M5581
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#2 CELL#35 96C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
09/02/25 13:40	 Preparation Group	 Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
PB169492BL	PBS492	N/A	2.00	100	Colorless	Colorless	Fine	N/A	N/A	1
PB169492BS	LCS492	N/A	2.00	100	Colorless	Colorless	Fine	N/A	M6180,M6181	2
Q2989-01	SOUTH-TP-5	N/A	2.24	100	Brown	Yellow	Medium	N/A	N/A	3
Q2989-03	SOUTH-TP-6	N/A	2.40	100	Brown	Yellow	Medium	N/A	N/A	4
Q2991-01	309	N/A	2.08	100	Brown	Yellow	Medium	N/A	N/A	5
Q2994-01	PAULDING-WC1	N/A	2.30	100	Brown	Yellow	Medium	N/A	N/A	6
Q2995-01	RT5427	N/A	2.14	100	Brown	Yellow	Medium	N/A	N/A	7
Q2996-01	CONTAINMENT-A	N/A	2.12	100	Brown	Yellow	Medium	N/A	N/A	8
Q2996-03	CONTAINMENT-B	N/A	2.22	100	Brown	Yellow	Medium	N/A	N/A	9
Q2996-05	CONTAINMENT-C	N/A	2.22	100	Brown	Yellow	Medium	N/A	N/A	10
Q2997-01	EO-01-082925	N/A	2.12	100	Brown	Yellow	Medium	N/A	N/A	11
Q2998-01	AU-05-082925	N/A	2.20	100	Brown	Yellow	Medium	N/A	N/A	12
Q2998-01MS	AU-05-082925MS	N/A	2.22	100	Brown	Yellow	Medium	N/A	M6180,M6181	14
Q2998-01MSD	AU-05-082925MSD	N/A	2.41	100	Brown	Yellow	Medium	N/A	M6180,M6181	15
Q2998-01DUP	AU-05-082925DUP	N/A	2.26	100	Brown	Yellow	Medium	N/A	N/A	13

WORKLIST(Hardcopy Internal Chain)

Worklist Name : PB169492

Worklist ID : 191617

Department : Digestion

Date : 09-02-2025 09:44:25

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2989-01	SOUTH-TP-5	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	D41	08/29/2025	6010D
Q2989-03	SOUTH-TP-6	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	D41	08/29/2025	6010D
Q2991-01	309	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	D21	08/29/2025	6010D
Q2994-01	PAULDING-WC1	Solid	Metals ICP-TAL	Cool 4 deg C	CORE02	D31	08/29/2025	6010D
Q2995-01	RT5427	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	D31	08/29/2025	6010D
Q2996-01	CONTAINMENT-A	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	D31	08/29/2025	6010D
Q2996-03	CONTAINMENT-B	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	D31	08/29/2025	6010D
Q2996-05	CONTAINMENT-C	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	D31	08/29/2025	6010D
Q2997-01	EO-01-082925	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG05	D31	08/29/2025	6010D
Q2998-01	AU-05-082925	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG05	D21	08/29/2025	6010D

Date/Time

09/02/25

10:15

Raw Sample Received by:

SLB.mctd19

Raw Sample Relinquished by:

SLB.mctd19

Date/Time

09/02/25

11:18

Raw Sample Received by:

SLB.mctd19

Raw Sample Relinquished by:

SLB.mctd19

SOP ID : M7470A-Mercury-20

SDG No : N/A

Matrix : SOIL

Pipette ID: HG A

Balance ID : M SC-3

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #1

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

Start Digest Date: 09/03/2025 Time : 09:15 Temp : 95 °C

End Digest Date: 09/03/2025 Time : 09:45 Temp : 94 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: *S/S*

Supervisor Signature: *[Signature]*

Temp : 1. 95°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP87021
CCV	30mL	MP87023
CRA	30mL	MP87026
Blank Spike	0.48mL	MP87013
Matrix Spike	0.48mL	MP87013

Chemical Used	ML/SAMPLE USED	Lot Number
AQUA REGIA	1.5MI	MP87028
KMnO4 (5%)	4.5mL	MP85893
Hydroxylamine HCL (12%)	2.4mL	MP85894
PTFE Boiling Stones	-----	M5582
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30MI	MP87014
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30MI	MP87015
2.5 ppb	S2.5	30MI	MP87017
5.0 ppb	S5.0	30MI	MP87018
7.5 ppb	S7.5	30MI	MP87019
10.0 ppb	S10.0	30MI	MP87020
ICV	ICV	30MI	MP87021
ICB	ICB	30MI	MP87022
CCV	CCV	30MI	MP87023
CCB	CCB	30MI	MP87024
CRI	CRI	30MI	MP87025
CHK STD	CHK STD	30MI	MP87026

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
09/03/25 10:45	<i>S/S met dir</i>	<i>[Signature] Metals Lab</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Comment	Prep Pos
PB169525BL	PBS525	0.51	35	N/A	N/A	3-1
PB169525BS	LCS525	0.51	35	N/A	MP87013	2
Q2989-01	SOUTH-TP-5	0.56	35	N/A	N/A	3
Q2989-03	SOUTH-TP-6	0.58	35	N/A	N/A	4
Q2991-01	309	0.54	35	N/A	N/A	5
Q2994-01	PAULDING-WC1	0.53	35	N/A	N/A	6
Q2995-01	RT5427	0.55	35	N/A	N/A	7
Q2995-01MS	RT5427MS	0.56	35	N/A	MP87013	9
Q2995-01MSD	RT5427MSD	0.56	35	N/A	MP87013	10
Q2995-01DUP	RT5427DUP	0.59	35	N/A	N/A	8
Q2996-01	CONTAINMENT-A	0.58	35	N/A	N/A	11
Q2996-03	CONTAINMENT-B	0.55	35	N/A	N/A	12
Q2996-05	CONTAINMENT-C	0.53	35	N/A	N/A	13
Q2997-01	EO-01-082925	0.53	35	N/A	N/A	14
Q2998-01	AU-05-082925	0.57	35	N/A	N/A	15
Q3003-01	VNJ-231	0.50	35	N/A	N/A	16

WORKLIST(Hardcopy Internal Chain)

WorkList Name : 090225_7471 WorkList ID : 191606 Department : Digestion Date : 09-02-2025 08:20:15

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2989-01	SOUTH-TP-5	Solid	Mercury	Cool 4 deg C	PSEG03	D41	08/29/2025	7471B
Q2989-03	SOUTH-TP-6	Solid	Mercury	Cool 4 deg C	PSEG03	D41	08/29/2025	7471B
Q2991-01	309	Solid	Mercury	Cool 4 deg C	PSEG03	D21	08/29/2025	7471B
Q2995-01	RT5427	Solid	Mercury	Cool 4 deg C	PSEG03	D31	08/29/2025	7471B
Q2996-01	CONTAINMENT-A	Solid	Mercury	Cool 4 deg C	PSEG03	D31	08/29/2025	7471B
Q2996-03	CONTAINMENT-B	Solid	Mercury	Cool 4 deg C	PSEG03	D31	08/29/2025	7471B
Q2996-05	CONTAINMENT-C	Solid	Mercury	Cool 4 deg C	PSEG03	D31	08/29/2025	7471B
Q3003-01	VNJ-231	Solid	Mercury	Cool 4 deg C	PSEG03	J32	09/02/2025	7471B
Q2997-01	EO-01-082925	Solid	Mercury	Cool 4 deg C	PSEG05	D31	08/29/2025	7471B
Q2998-01	AU-05-082925	Solid	Mercury	Cool 4 deg C	PSEG05	D21	08/29/2025	7471B
Q2994-01	PAULDING-WC1	Solid	Mercury	Cool 4 deg C	CORE02	D31	08/29/2025	7471B

Date/Time 09/02/25 08:30
 Raw Sample Received by: S/G merd
 Raw Sample Relinquished by: C/cen

Date/Time 09/02/25 09:30
 Raw Sample Received by: C/cen
 Raw Sample Relinquished by: S/G merd

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 9/2/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 08/29/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:33
Out Date: 08/30/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137021

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q2987-05	SVOC-GPC-BLANK	1	1.00	1.00	2.00	2.00	100.0	
Q2987-06	PEST-GPC-BLANK	2	1.00	1.00	2.00	2.00	100.0	
Q2987-07	PEST-GPC-BLANK-SPIKE	3	1.00	1.00	2.00	2.00	100.0	
Q2987-08	SVOC-GPC2-BLANK	4	1.00	1.00	2.00	2.00	100.0	
Q2987-09	PEST-GPC2-BLANK	5	1.00	1.00	2.00	2.00	100.0	
Q2987-10	PEST-GPC2-BLANK-SPIKE	6	1.00	1.00	2.00	2.00	100.0	
Q2989-01	SOUTH-TP-5	7	1.15	11.15	12.3	10.9	87.4	
Q2989-02	SOUTH-TP-5-E2	8	1.16	10.65	11.81	10.23	85.2	
Q2989-03	SOUTH-TP-6	9	1.18	10.81	11.99	10.74	88.4	
Q2989-04	SOUTH-TP-6-E2	10	1.17	10.22	11.39	10.31	89.4	
Q2991-01	309	11	1.00	1.00	2.00	2.00	100.0	debris
Q2991-02	309	12	1.00	1.00	2.00	2.00	100.0	debris
Q2991-03	303-304-305-COMP	13	1.15	10.50	11.65	11.22	95.9	
Q2991-04	303	14	1.19	10.15	11.34	10.93	96.0	
Q2991-05	304	15	1.19	10.48	11.67	11.27	96.2	
Q2991-06	305	16	1.14	10.47	11.61	11.21	96.2	
Q2992-01	BC274767-A	17	1.00	1.00	2.00	2.00	100.0	PILC
Q2992-02	BC274767-B	18	1.00	1.00	2.00	2.00	100.0	PILC
Q2994-01	PAULDING-WC1	19	1.15	10.74	11.89	10.92	91.0	
Q2995-01	RT5427	20	1.19	10.76	11.95	11.03	91.4	
Q2996-01	CONTAINMENT-A	21	1.00	1.00	2.00	2.00	100.0	STONE SAMPLE, 100% SOLIDS
Q2996-03	CONTAINMENT-B	22	1.00	1.00	2.00	2.00	100.0	STONE SAMPLE, 100% SOLIDS
Q2996-05	CONTAINMENT-C	23	1.00	1.00	2.00	2.00	100.0	STONE SAMPLE, 100% SOLIDS
Q2997-01	EO-01-082925	24	1.15	10.53	11.68	10.88	92.4	
Q2997-02	EO-01-082925-E2	25	1.12	10.87	11.99	11.05	91.4	
Q2998-01	AU-05-082925	26	1.19	10.93	12.12	11.52	94.5	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

137021

WorkList Name : %1-082925 WorkList ID : 191576 Department : Wet-Chemistry Date : 08-29-2025 08:22:24

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2987-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D21	08/22/2025	Chemtech -SO
Q2987-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D21	08/22/2025	Chemtech -SO
Q2987-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D21	08/22/2025	Chemtech -SO
Q2987-08	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D21	08/22/2025	Chemtech -SO
Q2987-09	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D21	08/22/2025	Chemtech -SO
Q2987-10	PEST -GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D21	08/22/2025	Chemtech -SO
Q2989-01	SOUTH-TP-5	Solid	Percent Solids	Cool 4 deg C	CHEM02	D21	08/22/2025	Chemtech -SO
Q2989-02	SOUTH-TP-5-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	08/22/2025	Chemtech -SO
Q2989-03	SOUTH-TP-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	08/29/2025	Chemtech -SO
Q2989-04	SOUTH-TP-6-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	08/29/2025	Chemtech -SO
Q2991-01	309	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	08/29/2025	Chemtech -SO
Q2991-02	309	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/29/2025	Chemtech -SO
Q2991-03	303-304-305-COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/29/2025	Chemtech -SO
Q2991-04	303	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/29/2025	Chemtech -SO
Q2991-05	304	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/29/2025	Chemtech -SO
Q2991-06	305	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/29/2025	Chemtech -SO
Q2992-01	BC274767-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/29/2025	Chemtech -SO
Q2992-02	BC274767-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/29/2025	Chemtech -SO
Q2994-01	PAULDING-WC1	Solid	Percent Solids	Cool 4 deg C	CORE02	D31	08/29/2025	Chemtech -SO
Q2995-01	RT5427	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/29/2025	Chemtech -SO
Q2996-01	CONTAINMENT-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/29/2025	Chemtech -SO

Date/Time 08/29/25 16:15
 Raw Sample Received by: SP (SOM)
 Raw Sample Relinquished by: SP (SOM)
 Date/Time 08/29/25 17:35
 Raw Sample Received by: JD CSOM1
 Raw Sample Relinquished by: SP (SOM)

WORKLIST(Hardcopy Internal Chain)

132021

WorkList Name : %1-082925 WorkList ID : 191576 Department : Wet-Chemistry Date : 08-29-2025 08:22:24

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2996-03	CONTAINMENT-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/29/2025	Chemtech -SO
Q2996-05	CONTAINMENT-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/29/2025	Chemtech -SO
Q2997-01	EO-01-082925	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	08/29/2025	Chemtech -SO
Q2997-02	EO-01-082925-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	08/29/2025	Chemtech -SO
Q2998-01	AU-05-082925	Solid	Percent Solids	Cool 4 deg C	PSEG05	D21	08/29/2025	Chemtech -SO

Date/Time 08/29/25 16:15
 Raw Sample Received by: SP CSM
 Raw Sample Relinquished by: SP CSM

Date/Time 08/29/25 17:35
 Raw Sample Received by: SP CSM
 Raw Sample Relinquished by: SP CSM

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137041

Review By	Janvi	Review On	9/3/2025 3:51:01 PM
Supervise By	jaswal	Supervise On	9/3/2025 10:50:54 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87031,MP87038,MP87035,MP87034,MP87033,MP87032		
ICV Standard	MP87047,MP87038		
CCV Standard	MP87042		
ICSA Standard	MP87040,MP87048		
CRI Standard	MP87038		
LCS Standard			
Chk Standard	MP87043,MP87044,MP87045,MP87046,MP87049		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	09/02/25 11:04		Jaswal	OK
2	S1	S1	CAL2	09/02/25 11:09		Jaswal	OK
3	S2	S2	CAL3	09/02/25 11:13		Jaswal	OK
4	S3	S3	CAL4	09/02/25 11:17		Jaswal	OK
5	S4	S4	CAL5	09/02/25 11:21		Jaswal	OK
6	S5	S5	CAL6	09/02/25 11:25		Jaswal	OK
7	ICV01	ICV01	ICV	09/02/25 11:30		Jaswal	OK
8	LLICV01	LLICV01	LLICV	09/02/25 11:34		Jaswal	OK
9	ICB01	ICB01	ICB	09/02/25 11:39		Jaswal	OK
10	CRI01	CRI01	CRDL	09/02/25 11:46		Jaswal	OK
11	ICSA01	ICSA01	ICSA	09/02/25 11:50		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	09/02/25 11:56		Jaswal	OK
13	ICSADL	ICSADL	ICSA	09/02/25 12:00		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	09/02/25 12:16		Jaswal	OK
15	CCV01	CCV01	CCV	09/02/25 12:20		Jaswal	OK
16	CCB01	CCB01	CCB	09/02/25 12:24		Jaswal	OK
17	LR-1	LR-1	HIGH STD	09/02/25 12:29		Jaswal	OK
18	LR-2	LR-2	HIGH STD	09/02/25 12:33		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137041

Review By	Janvi	Review On	9/3/2025 3:51:01 PM
Supervise By	jaswal	Supervise On	9/3/2025 10:50:54 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87031,MP87038,MP87035,MP87034,MP87033,MP87032		
ICV Standard	MP87047,MP87038		
CCV Standard	MP87042		
ICSA Standard	MP87040,MP87048		
CRI Standard	MP87038		
LCS Standard			
Chk Standard	MP87043,MP87044,MP87045,MP87046,MP87049		

19	Q2969-01	TR-05-08272025	SAM	09/02/25 12:42		Jaswal	OK
20	Q2969-01DUP	TR-05-08272025DUP	DUP	09/02/25 12:47		Jaswal	OK
21	Q2969-01L	TR-05-08272025L	SD	09/02/25 12:51		Jaswal	OK
22	Q2969-01MS	TR-05-08272025MS	MS	09/02/25 12:55		Jaswal	OK
23	LR-3	LR-3	HIGH STD	09/02/25 13:02		Jaswal	OK
24	Q2969-01MSD	TR-05-08272025MSD	MSD	09/02/25 13:07		Jaswal	OK
25	Q2969-01A	TR-05-08272025A	PS	09/02/25 13:11	0.1ML OFEACH M6004 AND M6017 IN 10ML SAMPLE.	Jaswal	OK
26	PB169472BL	PB169472BL	MB	09/02/25 13:15		Jaswal	OK
27	CCV02	CCV02	CCV	09/02/25 13:19		Jaswal	OK
28	CCB02	CCB02	CCB	09/02/25 13:23		Jaswal	OK
29	PB169472BS	PB169472BS	LCS	09/02/25 13:28		Jaswal	OK
30	Q2973-01	OK-01-082825	SAM	09/02/25 13:32		Jaswal	OK
31	Q2979-01	SP-A	SAM	09/02/25 13:36		Jaswal	OK
32	Q2979-01DUP	SP-ADUP	DUP	09/02/25 13:40		Jaswal	OK
33	Q2979-01L	SP-AL	SD	09/02/25 13:44		Jaswal	OK
34	Q2979-01MS	SP-AMS	MS	09/02/25 13:48		Jaswal	OK
35	Q2979-01MSD	SP-AMSD	MSD	09/02/25 13:52		Jaswal	OK
36	Q2979-01A	SP-AA	PS	09/02/25 13:56	0.1ML OFEACH M6004 AND M6017 IN 10ML SAMPLE.	Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137041

Review By	Janvi	Review On	9/3/2025 3:51:01 PM
Supervise By	jaswal	Supervise On	9/3/2025 10:50:54 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87031,MP87038,MP87035,MP87034,MP87033,MP87032		
ICV Standard	MP87047,MP87038		
CCV Standard	MP87042		
ICSA Standard	MP87040,MP87048		
CRI Standard	MP87038		
LCS Standard			
Chk Standard	MP87043,MP87044,MP87045,MP87046,MP87049		

37	Q2979-03	SP-B	SAM	09/02/25 14:00		Jaswal	OK
38	Q2982-07	MOO-25-0236	SAM	09/02/25 14:04		Jaswal	OK
39	CCV03	CCV03	CCV	09/02/25 14:08		Jaswal	OK
40	CCB03	CCB03	CCB	09/02/25 14:12		Jaswal	OK
41	Q2982-08	PAD-082825	SAM	09/02/25 14:17		Jaswal	OK
42	Q2985-01	SMALL-PIERS	SAM	09/02/25 14:21		Jaswal	OK
43	Q2985-03	PAD	SAM	09/02/25 14:25		Jaswal	OK
44	Q2986-01	NORTH-TP-1	SAM	09/02/25 14:30		Jaswal	OK
45	Q2986-03	NORTH-TP-2	SAM	09/02/25 14:34		Jaswal	OK
46	Q2986-05	NORTH-TP-3	SAM	09/02/25 14:38		Jaswal	OK
47	Q2986-07	SOUTH-TP-4-CON	SAM	09/02/25 14:42		Jaswal	OK
48	PB169471BL	PB169471BL	MB	09/02/25 14:46		Jaswal	OK
49	PB169471BS	PB169471BS	LCS	09/02/25 14:50		Jaswal	OK
50	Q2971-37	GROUNDWATER	SAM	09/02/25 14:54		Jaswal	OK
51	CCV04	CCV04	CCV	09/02/25 14:59		Jaswal	OK
52	CCB04	CCB04	CCB	09/02/25 15:03		Jaswal	OK
53	Q2971-37DUP	GROUNDWATERDUP	DUP	09/02/25 15:07		Jaswal	OK
54	Q2971-37L	GROUNDWATERL	SD	09/02/25 15:11		Jaswal	OK
55	Q2971-37A	GROUNDWATERA	PS	09/02/25 15:23	0.1ML OF EACH M6004 AND M6017 IN 10ML SAMPLE.	Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137041

Review By	Janvi	Review On	9/3/2025 3:51:01 PM
Supervise By	jaswal	Supervise On	9/3/2025 10:50:54 PM

STD. NAME	STD REF.#
ICAL Standard	MP87031,MP87038,MP87035,MP87034,MP87033,MP87032
ICV Standard	MP87047,MP87038
CCV Standard	MP87042
ICSA Standard	MP87040,MP87048
CRI Standard	MP87038
LCS Standard	
Chk Standard	MP87043,MP87044,MP87045,MP87046,MP87049

56	Q2977-02DL	81925DL	SAM	09/02/25 15:27	Straight 5x for all elements	Jaswal	OK
57	Q2977-03DL	82125DL	SAM	09/02/25 15:31	Straight 5x for all elements	Jaswal	OK
58	Q2977-04DL	82225DL	SAM	09/02/25 15:36	Straight 5x for all elements	Jaswal	OK
59	Q2971-37MS	GROUNDWATERMS	MS	09/02/25 15:40		Jaswal	OK
60	Q2971-37MSD	GROUNDWATERMS	MSD	09/02/25 15:44		Jaswal	OK
61	Q2971-06	TP2	SAM	09/02/25 15:48		Jaswal	OK
62	Q2970-30	TP6	SAM	09/02/25 15:59		Jaswal	OK
63	CCV05	CCV05	CCV	09/02/25 16:03		Jaswal	OK
64	CCB05	CCB05	CCB	09/02/25 16:07		Jaswal	OK
65	Q2977-05DL	82725DL	SAM	09/02/25 16:12	Straight 5x for all elements	Jaswal	OK
66	Q2989-01	SOUTH-TP-5	SAM	09/02/25 16:16		Jaswal	OK
67	Q2989-03	SOUTH-TP-6	SAM	09/02/25 16:20		Jaswal	OK
68	Q2991-01	309	SAM	09/02/25 16:24		Jaswal	OK
69	Q2995-01	RT5427	SAM	09/02/25 16:28		Jaswal	OK
70	Q2997-01	EO-01-082925	SAM	09/02/25 16:32		Jaswal	OK
71	Q2990-02DL	308DL	SAM	09/02/25 16:36	MS/MSD fail for all elements & Straight 5x for all elements	Jaswal	Not Ok
72	Q2991-02	309	SAM	09/02/25 16:41	Confirm TCLP (Ba)	Jaswal	OK
73	Q2995-02	RT5427	SAM	09/02/25 16:45		Jaswal	OK
74	PB169492BL	PB169492BL	MB	09/02/25 16:49		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137041

Review By	Janvi	Review On	9/3/2025 3:51:01 PM
Supervise By	jaswal	Supervise On	9/3/2025 10:50:54 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87031,MP87038,MP87035,MP87034,MP87033,MP87032		
ICV Standard	MP87047,MP87038		
CCV Standard	MP87042		
ICSA Standard	MP87040,MP87048		
CRI Standard	MP87038		
LCS Standard			
Chk Standard	MP87043,MP87044,MP87045,MP87046,MP87049		

75	CCV06	CCV06	CCV	09/02/25 16:54		Jaswal	OK
76	CCB06	CCB06	CCB	09/02/25 16:58		Jaswal	OK
77	PB169492BS	PB169492BS	LCS	09/02/25 17:02		Jaswal	OK
78	Q2994-01	PAULDING-WC1	SAM	09/02/25 17:06		Jaswal	OK
79	Q2996-01	CONTAINMENT-A	SAM	09/02/25 17:10		Jaswal	OK
80	Q2996-03	CONTAINMENT-B	SAM	09/02/25 17:14		Jaswal	OK
81	Q2996-05	CONTAINMENT-C	SAM	09/02/25 17:19		Jaswal	OK
82	Q2998-01	AU-05-082925	SAM	09/02/25 17:23		Jaswal	OK
83	Q2998-01DUP	AU-05-082925DUP	DUP	09/02/25 17:27		Jaswal	OK
84	Q2998-01L	AU-05-082925L	SD	09/02/25 17:31		Jaswal	OK
85	Q2998-01MS	AU-05-082925MS	MS	09/02/25 17:35		Jaswal	OK
86	Q2998-01MSD	AU-05-082925MSD	MSD	09/02/25 17:39		Jaswal	OK
87	CCV07	CCV07	CCV	09/02/25 17:43		Jaswal	OK
88	CCB07	CCB07	CCB	09/02/25 17:47		Jaswal	OK
89	Q2998-01A	AU-05-082925A	PS	09/02/25 17:51	0.1ML OF EACH M6004 AND M6017 IN 10ML SAMPLE.	Jaswal	OK
90	PB169493BL	PB169493BL	MB	09/02/25 17:55		Jaswal	OK
91	PB169493BS	PB169493BS	LCS	09/02/25 18:00		Jaswal	OK
92	Q2990-02DUPDL	308DUPDL	DUP	09/02/25 18:04	MS/MSD fail for all elements & Straight 5x for all elements	Jaswal	Not Ok

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137041

Review By	Janvi	Review On	9/3/2025 3:51:01 PM
Supervise By	jaswal	Supervise On	9/3/2025 10:50:54 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87031,MP87038,MP87035,MP87034,MP87033,MP87032		
ICV Standard	MP87047,MP87038		
CCV Standard	MP87042		
ICSA Standard	MP87040,MP87048		
CRI Standard	MP87038		
LCS Standard			
Chk Standard	MP87043,MP87044,MP87045,MP87046,MP87049		

93	Q2990-02LDL	308LDL	SD	09/02/25 18:08	MS/MSD fail for all elements & Straight 5x for all elements	Jaswal	Not Ok
94	Q2990-02MSDL	308MSDL	MS	09/02/25 18:12	MS/MSD fail for all elements & Straight 5x for all elements	Jaswal	Not Ok
95	Q2990-02MSDDL	308MSDDL	MSD	09/02/25 18:16	MS/MSD fail for all elements & Straight 5x for all elements	Jaswal	Not Ok
96	Q2990-02ADL	308ADL	PS	09/02/25 18:21	MS/MSD fail for all elements & Straight 5x for all elements (0.1ML OF EACH M6004 AND M6017 IN 10ML SAMPLE.)	Jaswal	Not Ok
97	CCV08	CCV08	CCV	09/02/25 18:25		Jaswal	OK
98	CCB08	CCB08	CCB	09/02/25 18:29		Jaswal	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137054

Review By	mohan	Review On	9/3/2025 2:47:03 PM
Supervise By	jaswal	Supervise On	9/3/2025 10:51:29 PM

STD. NAME	STD REF.#
ICAL Standard	MP87013,MP87014,MP87015,MP87017,MP87018,MP87019,MP87020
ICV Standard	MP87021
CCV Standard	MP87025
ICSA Standard	
CRI Standard	MP87026
LCS Standard	
Chk Standard	MP87022,MP87025,MP87027,MP87030

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	09/03/25 13:02		mohan	OK
2	S0.2	S0.2	CAL2	09/03/25 13:04		mohan	OK
3	S2.5	S2.5	CAL3	09/03/25 13:06		mohan	OK
4	S5	S5	CAL4	09/03/25 13:09		mohan	OK
5	S7.5	S7.5	CAL5	09/03/25 13:11		mohan	OK
6	S10	S10	CAL6	09/03/25 13:13		mohan	OK
7	ICV19	ICV19	ICV	09/03/25 13:16		mohan	OK
8	ICB19	ICB19	ICB	09/03/25 13:18		mohan	OK
9	CCV55	CCV55	CCV	09/03/25 13:21		mohan	OK
10	CCB55	CCB55	CCB	09/03/25 13:23		mohan	OK
11	CRA	CRA	CRDL	09/03/25 13:25		mohan	OK
12	HighStd	HighStd	HIGH STD	09/03/25 13:27		mohan	OK
13	ChkStd	ChkStd	SAM	09/03/25 13:30		mohan	OK
14	PB169525BL	PB169525BL	MB	09/03/25 13:32		mohan	OK
15	PB169525BS	PB169525BS	LCS	09/03/25 13:40		mohan	OK
16	Q2989-01	SOUTH-TP-5	SAM	09/03/25 13:42		mohan	OK
17	Q2989-03	SOUTH-TP-6	SAM	09/03/25 13:44		mohan	OK
18	Q2991-01	309	SAM	09/03/25 13:47		mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137054

Review By	mohan	Review On	9/3/2025 2:47:03 PM
Supervise By	jaswal	Supervise On	9/3/2025 10:51:29 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87013,MP87014,MP87015,MP87017,MP87018,MP87019,MP87020		
ICV Standard	MP87021		
CCV Standard	MP87025		
ICSA Standard			
CRI Standard	MP87026		
LCS Standard			
Chk Standard	MP87022,MP87025,MP87027,MP87030		

19	Q2994-01	PAULDING-WC1	SAM	09/03/25 13:49	Hg High	mohan	Dilution
20	Q2995-01	RT5427	SAM	09/03/25 13:51		mohan	OK
21	CCV56	CCV56	CCV	09/03/25 13:53		mohan	OK
22	CCB56	CCB56	CCB	09/03/25 13:56		mohan	OK
23	Q2995-01DUP	RT5427DUP	DUP	09/03/25 13:58		mohan	OK
24	Q2995-01MS	RT5427MS	MS	09/03/25 14:00		mohan	OK
25	Q2995-01MSD	RT5427MSD	MSD	09/03/25 14:03		mohan	OK
26	Q2996-01	CONTAINMENT-A	SAM	09/03/25 14:05		mohan	OK
27	Q2996-03	CONTAINMENT-B	SAM	09/03/25 14:07		mohan	OK
28	Q2996-05	CONTAINMENT-C	SAM	09/03/25 14:09		mohan	OK
29	Q2997-01	EO-01-082925	SAM	09/03/25 14:12		mohan	OK
30	Q2998-01	AU-05-082925	SAM	09/03/25 14:14		mohan	OK
31	Q3003-01	VNJ-231	SAM	09/03/25 14:16		mohan	OK
32	Q2995-01L	RT5427L	SD	09/03/25 14:19		mohan	OK
33	CCV57	CCV57	CCV	09/03/25 14:21		mohan	OK
34	CCB57	CCB57	CCB	09/03/25 14:23		mohan	OK
35	Q2995-01A	RT5427A	PS	09/03/25 14:25		mohan	OK
36	Q2994-01DL	PAULDING-WC1DL	SAM	09/03/25 14:28	2X for Hg	mohan	Confirms
37	CCV58	CCV58	CCV	09/03/25 14:30		mohan	OK
38	CCB58	CCB58	CCB	09/03/25 14:33		mohan	OK



SHIPPING DOCUMENTS

CLIENT INFORMATION

COMPANY: Core Environmental Consultants
ADDRESS: 22-48 119th Street
CITY Queens STATE: NY ZIP: 11356
ATTENTION: Roland Scardino
PHONE: 609-781-8074 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: BNY - Paelding street WC
PROJECT NO.: 0829258 LOCATION: Brooklyn, NY
PROJECT MANAGER: Roland Scardino
e-mail: RScardino@COREENV.COM
PHONE: 609-781-8074 FAX:

CLIENT BILLING INFORMATION

BILL TO: Core Env PO#:
ADDRESS: 23412 Wehrle Dr.
CITY Buffalo STATE: NY ZIP: 14221
ATTENTION: Joe Zaher PHONE: (716) 204-8054

ANALYSIS

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

1. EPH-NF 2. Percent Solids 3. Residuals-TCL 4. SVOC-TCL 5. Mercury Methods 6. RCRA-8 methods 7. PCB 8. Point Filter 9. VOC-TCL/VA-10

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1. <u>Paelding</u>	<u>Paelding-WC I</u>																
2.	<u>Paelding-WC I</u>	Soil	✓		8/29/25	09:00	7	X	X	X	X	X	X	X	X	X	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER: 1. <u>Michael Bayar</u>	DATE/TIME: <u>8/29/25 9am</u>	RECEIVED BY: <u>Roland Scardino</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>3.2</u> °C
RELINQUISHED BY SAMPLER: 2. <u>Roland Scardino</u>	DATE/TIME: <u>8-29-25</u>	RECEIVED BY: <u>1306</u>	Comments: _____
RELINQUISHED BY SAMPLER: 3. <u>Roland Scardino</u>	DATE/TIME: <u>8-29-25</u>	RECEIVED BY: <u>3.</u>	Comments: _____

Page _____ of _____ CLIENT: ☐ Hand Delivered ☐ Other _____ Shipment Complete ☐ YES ☐ NO

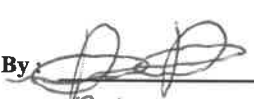
Laboratory Certification

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	TX-C25-00189
Virginia	460312

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2994	CORE02	Order Date : 8/29/2025 1:47:15 PM	Project Mgr :
Client Name : Core Environmental Consul		Project Name : Bayshore Soil BSM Manag	Report Type : Level 2
Client Contact : Ronald Tramosch		Receive DateTime : 8/29/2025 12:00:00 AM	EDD Type : Excel NY
Invoice Name : Core Environmental Consul		Purchase Order :	Hard Copy Date :
Invoice Contact : Ronald Tramosch			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2994-01	PAULDING-WC1	Solid	08/29/2025	09:00	VOC-TCLVOA-10		8260D		10 Bus. Days

Relinquished By : Date / Time : 8-29-25 1610Received By : Date / Time : 8/29/25 1610

Storage Area : VOA Refridgerator Room