

Cover Page

Order ID : Q1803

Project ID : NYC DOT Harper Street Yard North

Client : Scalamandre – Tully JV

Lab Sample Number

Q1803-01
Q1803-02

Client Sample Number

WEST-BAY
FUEL-MONITORING

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: 4/19/2025

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 #: Q1803

Completed

For thorough review, the report must have the following:

GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

COVER PAGE:

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

✓

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

✓

CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: PRATIK PATEL

Date: 04/19/2025

LAB CHRONICLE

OrderID:	Q1803	OrderDate:	4/14/2025 12:10:17 PM
Client:	Scalamandre – Tully JV	Project:	NYC DOT Harper Street Yard North
Contact:	William J. Muenckler	Location:	L31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1803-01	WEST-BAY	TCLP			04/10/25			04/14/25
			TCLP ICP Metals	6010D		04/15/25	04/16/25	
			TCLP Mercury	7470A		04/16/25	04/16/25	
Q1803-02	FUEL-MONITORING	TCLP			04/10/25			04/14/25
			TCLP ICP Metals	6010D		04/15/25	04/16/25	
			TCLP Mercury	7470A		04/16/25	04/16/25	



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Hit Summary Sheet
SW-846

SDG No.: Q1803

Order ID: Q1803

Client: Scalamandre – Tully JV

Project ID: NYC DOT Harper Street Yard North

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WEST-BAY								
Q1803-01	WEST-BAY	TCLP	Barium	1100		62.8	500	ug/L
Q1803-01	WEST-BAY	TCLP	Cadmium	1.96	J	0.94	30.0	ug/L
Client ID : FUEL-MONITORING								
Q1803-02	FUEL-MONITORING	TCLP	Barium	1210		62.8	500	ug/L
Q1803-02	FUEL-MONITORING	TCLP	Cadmium	3.24	J	0.94	30.0	ug/L



SAMPLE DATA

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	04/10/25
Project:	NYC DOT Harper Street Yard North	Date Received:	04/14/25
Client Sample ID:	WEST-BAY	SDG No.:	Q1803
Lab Sample ID:	Q1803-01	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	34.8	U	1	34.8	100	ug/L	04/15/25 12:30	04/16/25 16:19	SW6010	SW3050
7440-39-3	Barium	1100		1	62.8	500	ug/L	04/15/25 12:30	04/16/25 16:19	SW6010	SW3050
7440-43-9	Cadmium	1.96	J	1	0.94	30.0	ug/L	04/15/25 12:30	04/16/25 16:19	SW6010	SW3050
7440-47-3	Chromium	6.60	U	1	6.60	50.0	ug/L	04/15/25 12:30	04/16/25 16:19	SW6010	SW3050
7439-92-1	Lead	35.1	U	1	35.1	60.0	ug/L	04/15/25 12:30	04/16/25 16:19	SW6010	SW3050
7439-97-6	Mercury	0.76	U	1	0.76	2.00	ug/L	04/16/25 09:25	04/16/25 13:46	SW7470A	
7782-49-2	Selenium	58.8	U	1	58.8	100	ug/L	04/15/25 12:30	04/16/25 16:19	SW6010	SW3050
7440-22-4	Silver	5.80	U	1	5.80	50.0	ug/L	04/15/25 12:30	04/16/25 16:19	SW6010	SW3050

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	TCLP-FULL			

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

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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	04/10/25
Project:	NYC DOT Harper Street Yard North	Date Received:	04/14/25
Client Sample ID:	FUEL-MONITORING	SDG No.:	Q1803
Lab Sample ID:	Q1803-02	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	34.8	U	1	34.8	100	ug/L	04/15/25 12:30	04/16/25 16:23	SW6010	SW3050
7440-39-3	Barium	1210		1	62.8	500	ug/L	04/15/25 12:30	04/16/25 16:23	SW6010	SW3050
7440-43-9	Cadmium	3.24	J	1	0.94	30.0	ug/L	04/15/25 12:30	04/16/25 16:23	SW6010	SW3050
7440-47-3	Chromium	6.60	U	1	6.60	50.0	ug/L	04/15/25 12:30	04/16/25 16:23	SW6010	SW3050
7439-92-1	Lead	35.1	U	1	35.1	60.0	ug/L	04/15/25 12:30	04/16/25 16:23	SW6010	SW3050
7439-97-6	Mercury	0.76	U	1	0.76	2.00	ug/L	04/16/25 09:25	04/16/25 13:48	SW7470A	
7782-49-2	Selenium	58.8	U	1	58.8	100	ug/L	04/15/25 12:30	04/16/25 16:23	SW6010	SW3050
7440-22-4	Silver	5.80	U	1	5.80	50.0	ug/L	04/15/25 12:30	04/16/25 16:23	SW6010	SW3050

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	TCLP-FULL			

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: Scalamandre – Tully JV **SDG No.:** Q1803
Contract: SCAL01 **Lab Code:** CHEM **Case No.:** Q1803 **SAS No.:** Q1803
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
ICV90	Mercury	4.06	4.0	101	90 - 110	CV	04/16/2025	13:13	LB135455

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Scalamandre – Tully JV **SDG No.:** Q1803
Contract: SCAL01 **Lab Code:** CHEM **Case No.:** Q1803 **SAS No.:** Q1803
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
CCV79	Mercury	4.99	5.0	100	90 - 110	CV	04/16/2025	13:17	LB135455
CCV80	Mercury	5.08	5.0	102	90 - 110	CV	04/16/2025	13:50	LB135455
CCV81	Mercury	5.33	5.0	106	90 - 110	CV	04/16/2025	14:18	LB135455



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Client:	<u>Scalamandre – Tully JV</u>	SDG No.:	<u>Q1803</u>	
Contract:	<u>SCAL01</u>	Lab Code:	<u>CHEM</u>	Case No.: <u>Q1803</u> SAS No.: <u>Q1803</u>
Initial Calibration Source:	<u>EPA</u>			
Continuing Calibration Source:	Inorganic Ventures			

Sample ID	Analyte	Result	True Value	%	Acceptance	M	Analysis Date	Analysis Time	Run Number
		ug/L		Recovery	Window (%R)				
ICV01	Arsenic	1050	1000	105	90 - 110	P	04/16/2025	13:09	LB135463
	Barium	540	520	104	90 - 110	P	04/16/2025	13:09	LB135463
	Cadmium	514	510	101	90 - 110	P	04/16/2025	13:09	LB135463
	Chromium	518	520	100	90 - 110	P	04/16/2025	13:09	LB135463
	Lead	1010	1000	101	90 - 110	P	04/16/2025	13:09	LB135463
	Selenium	1100	1000	110	90 - 110	P	04/16/2025	13:09	LB135463
	Silver	249	250	100	90 - 110	P	04/16/2025	13:09	LB135463



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Client:	<u>Scalamandre – Tully JV</u>	SDG No.:	<u>Q1803</u>	
Contract:	<u>SCAL01</u>	Lab Code:	<u>CHEM</u>	Case No.: <u>Q1803</u>
Initial Calibration Source:	<u>EPA</u>			SAS No.: <u>Q1803</u>
Continuing Calibration Source:	Inorganic Ventures			

Sample ID	Analyte	Result	True Value	%	Acceptance	M	Analysis Date	Analysis Time	Run Number
		ug/L		Recovery	Window (%R)				
LLICV1	Arsenic	22.9	20.0	115	80 - 120	P	04/16/2025	13:37	LB135463
	Barium	91.7	100	92	80 - 120	P	04/16/2025	13:37	LB135463
	Cadmium	5.99	6.0	100	80 - 120	P	04/16/2025	13:37	LB135463
	Chromium	9.75	10.0	98	80 - 120	P	04/16/2025	13:37	LB135463
	Lead	11.7	12.0	97	80 - 120	P	04/16/2025	13:37	LB135463
	Selenium	16.9	20.0	84	80 - 120	P	04/16/2025	13:37	LB135463
	Silver	10.6	10.0	106	80 - 120	P	04/16/2025	13:37	LB135463

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Scalamandre – Tully JV **SDG No.:** Q1803

Contract: SCAL01 **Lab Code:** CHEM **Case No.:** Q1803 **SAS No.:** Q1803

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	Arsenic	5000	5000	100	90 - 110	P	04/16/2025	14:08	LB135463
	Barium	9570	10000	96	90 - 110	P	04/16/2025	14:08	LB135463
	Cadmium	2450	2500	98	90 - 110	P	04/16/2025	14:08	LB135463
	Chromium	993	1000	99	90 - 110	P	04/16/2025	14:08	LB135463
	Lead	4920	5000	98	90 - 110	P	04/16/2025	14:08	LB135463
	Selenium	5010	5000	100	90 - 110	P	04/16/2025	14:08	LB135463
	Silver	1230	1250	98	90 - 110	P	04/16/2025	14:08	LB135463
CCV02	Arsenic	5000	5000	100	90 - 110	P	04/16/2025	15:18	LB135463
	Barium	9820	10000	98	90 - 110	P	04/16/2025	15:18	LB135463
	Cadmium	2460	2500	98	90 - 110	P	04/16/2025	15:18	LB135463
	Chromium	997	1000	100	90 - 110	P	04/16/2025	15:18	LB135463
	Lead	4940	5000	99	90 - 110	P	04/16/2025	15:18	LB135463
	Selenium	5030	5000	101	90 - 110	P	04/16/2025	15:18	LB135463
	Silver	1230	1250	99	90 - 110	P	04/16/2025	15:18	LB135463
CCV03	Arsenic	4910	5000	98	90 - 110	P	04/16/2025	16:10	LB135463
	Barium	9410	10000	94	90 - 110	P	04/16/2025	16:10	LB135463
	Cadmium	2420	2500	97	90 - 110	P	04/16/2025	16:10	LB135463
	Chromium	993	1000	99	90 - 110	P	04/16/2025	16:10	LB135463
	Lead	4860	5000	97	90 - 110	P	04/16/2025	16:10	LB135463
	Selenium	4930	5000	99	90 - 110	P	04/16/2025	16:10	LB135463
	Silver	1220	1250	97	90 - 110	P	04/16/2025	16:10	LB135463
CCV04	Arsenic	4880	5000	98	90 - 110	P	04/16/2025	17:02	LB135463
	Barium	9600	10000	96	90 - 110	P	04/16/2025	17:02	LB135463
	Cadmium	2430	2500	97	90 - 110	P	04/16/2025	17:02	LB135463
	Chromium	983	1000	98	90 - 110	P	04/16/2025	17:02	LB135463
	Lead	4860	5000	97	90 - 110	P	04/16/2025	17:02	LB135463
	Selenium	4900	5000	98	90 - 110	P	04/16/2025	17:02	LB135463
	Silver	1210	1250	97	90 - 110	P	04/16/2025	17:02	LB135463
CCV05	Arsenic	4780	5000	96	90 - 110	P	04/16/2025	17:55	LB135463
	Barium	9520	10000	95	90 - 110	P	04/16/2025	17:55	LB135463
	Cadmium	2320	2500	93	90 - 110	P	04/16/2025	17:55	LB135463
	Chromium	951	1000	95	90 - 110	P	04/16/2025	17:55	LB135463
	Lead	4720	5000	94	90 - 110	P	04/16/2025	17:55	LB135463
	Selenium	4830	5000	96	90 - 110	P	04/16/2025	17:55	LB135463

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Scalamandre – Tully JV **SDG No.:** Q1803

Contract: SCAL01 **Lab Code:** CHEM **Case No.:** Q1803 **SAS No.:** Q1803

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	Silver	1210	1250	97	90 - 110	P	04/16/2025	17:55	LB135463
CCV06	Arsenic	4860	5000	97	90 - 110	P	04/16/2025	18:48	LB135463
	Barium	9280	10000	93	90 - 110	P	04/16/2025	18:48	LB135463
	Cadmium	2340	2500	94	90 - 110	P	04/16/2025	18:48	LB135463
	Chromium	966	1000	97	90 - 110	P	04/16/2025	18:48	LB135463
	Lead	4740	5000	95	90 - 110	P	04/16/2025	18:48	LB135463
	Selenium	4900	5000	98	90 - 110	P	04/16/2025	18:48	LB135463
	Silver	1190	1250	95	90 - 110	P	04/16/2025	18:48	LB135463
CCV07	Arsenic	5090	5000	102	90 - 110	P	04/16/2025	19:39	LB135463
	Barium	9420	10000	94	90 - 110	P	04/16/2025	19:39	LB135463
	Cadmium	2430	2500	97	90 - 110	P	04/16/2025	19:39	LB135463
	Chromium	986	1000	99	90 - 110	P	04/16/2025	19:39	LB135463
	Lead	4910	5000	98	90 - 110	P	04/16/2025	19:39	LB135463
	Selenium	5110	5000	102	90 - 110	P	04/16/2025	19:39	LB135463
	Silver	1220	1250	98	90 - 110	P	04/16/2025	19:39	LB135463
CCV08	Arsenic	4910	5000	98	90 - 110	P	04/16/2025	20:08	LB135463
	Barium	9410	10000	94	90 - 110	P	04/16/2025	20:08	LB135463
	Cadmium	2390	2500	96	90 - 110	P	04/16/2025	20:08	LB135463
	Chromium	991	1000	99	90 - 110	P	04/16/2025	20:08	LB135463
	Lead	4820	5000	96	90 - 110	P	04/16/2025	20:08	LB135463
	Selenium	4920	5000	98	90 - 110	P	04/16/2025	20:08	LB135463
	Silver	1210	1250	97	90 - 110	P	04/16/2025	20:08	LB135463



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Metals

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CRDL STANDARD FOR AA & ICP

Client: Scalamandre – Tully JV **SDG No.:** Q1803
Contract: SCAL01 **Lab Code:** CHEM **Case No.:** Q1803 **SAS No.:** Q1803
Initial Calibration Source: _____
Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.20	0.2	98	40 - 160	CV	04/16/2025	13:22	LB135455
CRI	Arsenic	23.3	20.0	116	40 - 160	P	04/16/2025	13:46	LB135463
	Barium	91.3	100	91	40 - 160	P	04/16/2025	13:46	LB135463
	Cadmium	6.00	6.0	100	40 - 160	P	04/16/2025	13:46	LB135463
	Chromium	9.57	10.0	96	40 - 160	P	04/16/2025	13:46	LB135463
	Lead	12.9	12.0	107	40 - 160	P	04/16/2025	13:46	LB135463
	Selenium	19.0	20.0	95	40 - 160	P	04/16/2025	13:46	LB135463
	Silver	9.95	10.0	100	40 - 160	P	04/16/2025	13:46	LB135463



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Fax : 908 789 8922

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Scalamandre – Tully JV **SDG No.:** Q1803
Contract: SCAL01 **Lab Code:** CHEM **Case No.:** Q1803 **SAS No.:** Q1803

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB90	Mercury	0.20	+/-0.20	U	0.20	CV	04/16/2025	13:15	LB135455

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>Scalamandre – Tully JV</u>		SDG No.: <u>Q1803</u>							
Contract: <u>SCAL01</u>	Lab Code: <u>CHEM</u>	Case No.: <u>Q1803</u>	SAS No.: <u>Q1803</u>						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB79	Mercury	0.20	+/-0.20	U	0.20	CV	04/16/2025	13:20	LB135455
CCB80	Mercury	0.20	+/-0.20	U	0.20	CV	04/16/2025	13:52	LB135455
CCB81	Mercury	0.20	+/-0.20	U	0.20	CV	04/16/2025	14:20	LB135455

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Scalamandre – Tully JV

SDG No.: Q1803

Contract: SCAL01

Lab Code: CHEM

Case No.: Q1803

SAS No.: Q1803

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Arsenic	20.0	+/-20.0	U	20.0	P	04/16/2025	13:42	LB135463
	Barium	100	+/-100	U	100	P	04/16/2025	13:42	LB135463
	Cadmium	6.00	+/-6.00	U	6.00	P	04/16/2025	13:42	LB135463
	Chromium	10.0	+/-10.0	U	10.0	P	04/16/2025	13:42	LB135463
	Lead	12.0	+/-12.0	U	12.0	P	04/16/2025	13:42	LB135463
	Selenium	20.0	+/-20.0	U	20.0	P	04/16/2025	13:42	LB135463
	Silver	10.0	+/-10.0	U	10.0	P	04/16/2025	13:42	LB135463

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Scalamandre – Tully JV		SDG No.: Q1803							
Contract: SCAL01	Lab Code: CHEM	Case No.: Q1803	SAS No.: Q1803						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Arsenic	20.0	+/-20.0	U	20.0	P	04/16/2025	14:12	LB135463
	Barium	100	+/-100	U	100	P	04/16/2025	14:12	LB135463
	Cadmium	6.00	+/-6.00	U	6.00	P	04/16/2025	14:12	LB135463
	Chromium	10.0	+/-10.0	U	10.0	P	04/16/2025	14:12	LB135463
	Lead	12.0	+/-12.0	U	12.0	P	04/16/2025	14:12	LB135463
	Selenium	20.0	+/-20.0	U	20.0	P	04/16/2025	14:12	LB135463
	Silver	10.0	+/-10.0	U	10.0	P	04/16/2025	14:12	LB135463
CCB02	Arsenic	20.0	+/-20.0	U	20.0	P	04/16/2025	15:23	LB135463
	Barium	100	+/-100	U	100	P	04/16/2025	15:23	LB135463
	Cadmium	6.00	+/-6.00	U	6.00	P	04/16/2025	15:23	LB135463
	Chromium	10.0	+/-10.0	U	10.0	P	04/16/2025	15:23	LB135463
	Lead	12.0	+/-12.0	U	12.0	P	04/16/2025	15:23	LB135463
	Selenium	20.0	+/-20.0	U	20.0	P	04/16/2025	15:23	LB135463
	Silver	10.0	+/-10.0	U	10.0	P	04/16/2025	15:23	LB135463
CCB03	Arsenic	20.0	+/-20.0	U	20.0	P	04/16/2025	16:14	LB135463
	Barium	100	+/-100	U	100	P	04/16/2025	16:14	LB135463
	Cadmium	6.00	+/-6.00	U	6.00	P	04/16/2025	16:14	LB135463
	Chromium	10.0	+/-10.0	U	10.0	P	04/16/2025	16:14	LB135463
	Lead	12.0	+/-12.0	U	12.0	P	04/16/2025	16:14	LB135463
	Selenium	20.0	+/-20.0	U	20.0	P	04/16/2025	16:14	LB135463
	Silver	10.0	+/-10.0	U	10.0	P	04/16/2025	16:14	LB135463
CCB04	Arsenic	20.0	+/-20.0	U	20.0	P	04/16/2025	17:06	LB135463
	Barium	100	+/-100	U	100	P	04/16/2025	17:06	LB135463
	Cadmium	6.00	+/-6.00	U	6.00	P	04/16/2025	17:06	LB135463
	Chromium	10.0	+/-10.0	U	10.0	P	04/16/2025	17:06	LB135463
	Lead	12.0	+/-12.0	U	12.0	P	04/16/2025	17:06	LB135463
	Selenium	20.0	+/-20.0	U	20.0	P	04/16/2025	17:06	LB135463
	Silver	10.0	+/-10.0	U	10.0	P	04/16/2025	17:06	LB135463
CCB05	Arsenic	20.0	+/-20.0	U	20.0	P	04/16/2025	17:59	LB135463
	Barium	100	+/-100	U	100	P	04/16/2025	17:59	LB135463
	Cadmium	6.00	+/-6.00	U	6.00	P	04/16/2025	17:59	LB135463
	Chromium	10.0	+/-10.0	U	10.0	P	04/16/2025	17:59	LB135463
	Lead	12.0	+/-12.0	U	12.0	P	04/16/2025	17:59	LB135463
	Selenium	20.0	+/-20.0	U	20.0	P	04/16/2025	17:59	LB135463
	Silver	10.0	+/-10.0	U	10.0	P	04/16/2025	17:59	LB135463
CCB06	Arsenic	20.0	+/-20.0	U	20.0	P	04/16/2025	18:52	LB135463
	Barium	100	+/-100	U	100	P	04/16/2025	18:52	LB135463
	Cadmium	6.00	+/-6.00	U	6.00	P	04/16/2025	18:52	LB135463
	Chromium	10.0	+/-10.0	U	10.0	P	04/16/2025	18:52	LB135463

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Scalamandre – Tully JV

SDG No.: Q1803

Contract: SCAL01

Lab Code: CHEM

Case No.: Q1803

SAS No.: Q1803

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Lead	12.0	+/-12.0	U	12.0	P	04/16/2025	18:52	LB135463
	Selenium	20.0	+/-20.0	U	20.0	P	04/16/2025	18:52	LB135463
	Silver	10.0	+/-10.0	U	10.0	P	04/16/2025	18:52	LB135463
CCB07	Arsenic	20.0	+/-20.0	U	20.0	P	04/16/2025	19:43	LB135463
	Barium	100	+/-100	U	100	P	04/16/2025	19:43	LB135463
	Cadmium	6.00	+/-6.00	U	6.00	P	04/16/2025	19:43	LB135463
	Chromium	10.0	+/-10.0	U	10.0	P	04/16/2025	19:43	LB135463
	Lead	12.0	+/-12.0	U	12.0	P	04/16/2025	19:43	LB135463
	Selenium	20.0	+/-20.0	U	20.0	P	04/16/2025	19:43	LB135463
	Silver	10.0	+/-10.0	U	10.0	P	04/16/2025	19:43	LB135463
CCB08	Arsenic	20.0	+/-20.0	U	20.0	P	04/16/2025	20:13	LB135463
	Barium	100	+/-100	U	100	P	04/16/2025	20:13	LB135463
	Cadmium	6.00	+/-6.00	U	6.00	P	04/16/2025	20:13	LB135463
	Chromium	10.0	+/-10.0	U	10.0	P	04/16/2025	20:13	LB135463
	Lead	12.0	+/-12.0	U	12.0	P	04/16/2025	20:13	LB135463
	Selenium	20.0	+/-20.0	U	20.0	P	04/16/2025	20:13	LB135463
	Silver	10.0	+/-10.0	U	10.0	P	04/16/2025	20:13	LB135463

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Scalamandre – Tully JV

SDG No.: Q1803

Contract: SCAL01

Lab Code: CHEM

Case No.: Q1803

SAS No.: Q1803

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Scalamandre – Tully JV

SDG No.: Q1803

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167587TB		WATER		Batch Number:	PB167607		Prep Date:	04/16/2025	
	Mercury	2.00	<2.00	U	2.00	CV	04/16/2025	14:11	LB135455
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167607BL		WATER		Batch Number:	PB167607		Prep Date:	04/16/2025	
	Mercury	0.20	<0.20	U	0.20	CV	04/16/2025	13:29	LB135455

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Scalamandre – Tully JV

SDG No.: Q1803

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167587TB		WATER		Batch Number:	PB167605		Prep Date:	04/15/2025	
	Arsenic	100	<100	U	100	P	04/16/2025	16:58	LB135463
	Barium	500	<500	U	500	P	04/16/2025	16:58	LB135463
	Cadmium	30.0	<30.0	U	30.0	P	04/16/2025	16:58	LB135463
	Chromium	50.0	<50.0	U	50.0	P	04/16/2025	16:58	LB135463
	Lead	60.0	<60.0	U	60.0	P	04/16/2025	16:58	LB135463
	Selenium	100	<100	U	100	P	04/16/2025	16:58	LB135463
	Silver	50.0	<50.0	U	50.0	P	04/16/2025	16:58	LB135463
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167605BL		WATER		Batch Number:	PB167605		Prep Date:	04/15/2025	
	Arsenic	100	<100	U	100	P	04/16/2025	17:11	LB135463
	Barium	500	<500	U	500	P	04/16/2025	17:11	LB135463
	Cadmium	30.0	<30.0	U	30.0	P	04/16/2025	17:11	LB135463
	Chromium	50.0	<50.0	U	50.0	P	04/16/2025	17:11	LB135463
	Lead	60.0	<60.0	U	60.0	P	04/16/2025	17:11	LB135463
	Selenium	100	<100	U	100	P	04/16/2025	17:11	LB135463
	Silver	50.0	<50.0	U	50.0	P	04/16/2025	17:11	LB135463

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>Scalamandre – Tully JV</u>	SDG No.: <u>Q1803</u>
Contract: <u>SCAL01</u>	Lab Code: <u>CHEM</u>
ICS Source: <u>EPA</u>	Case No.: <u>Q1803</u>
	SAS No.: <u>Q1803</u>
	Instrument ID: <u>P4</u>

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	Arsenic	-14.1			-20	20	04/16/2025	13:51	LB135463
	Barium	1.88	6.0	31	-94	106	04/16/2025	13:51	LB135463
	Cadmium	-1.99	1.0	199	-5	7	04/16/2025	13:51	LB135463
	Chromium	55.8	52.0	107	42	62	04/16/2025	13:51	LB135463
	Lead	-4.75			-12	12	04/16/2025	13:51	LB135463
	Selenium	-3.36			-20	20	04/16/2025	13:51	LB135463
	Silver	-4.60			-10	10	04/16/2025	13:51	LB135463
ICSAB01	Arsenic	94.0	104	90	88.4	120	04/16/2025	13:55	LB135463
	Barium	468	537	87	437	637	04/16/2025	13:55	LB135463
	Cadmium	1040	972	107	826	1120	04/16/2025	13:55	LB135463
	Chromium	554	542	102	460	624	04/16/2025	13:55	LB135463
	Lead	43.2	49.0	88	37	61	04/16/2025	13:55	LB135463
	Selenium	47.0	46.0	102	26	66	04/16/2025	13:55	LB135463
	Silver	179	201	89	170	232	04/16/2025	13:55	LB135463



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Scalamandre – Tully JV **level:** low **sdg no.:** Q1803
contract: SCAL01 **lab code:** CHEM **case no.:** Q1803 **sas no.:** Q1803
matrix: Water **sample id:** Q1808-04 **client id:** LAW-25-0060MS
Percent Solids for Sample: NA **Spiked ID:** Q1808-04MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	3880		100	U	4000	97		P
Barium	ug/L	75 - 125	1920		997		1000	93		P
Cadmium	ug/L	75 - 125	967		30.0	U	1000	97		P
Chromium	ug/L	75 - 125	1910		50.0	U	2000	96		P
Lead	ug/L	75 - 125	4620		60.0	U	5000	92		P
Mercury	ug/L	75 - 125	39.2		0.80	J	40.0	96		CV
Selenium	ug/L	75 - 125	9470		100	U	10000	95		P
Silver	ug/L	75 - 125	349		50.0	U	380	92		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client:	<u>Scalamandre – Tully JV</u>	level:	<u>low</u>	sdg no.:	<u>Q1803</u>
contract:	<u>SCAL01</u>	lab code:	<u>CHEM</u>	case no.:	<u>Q1803</u>
matrix:	<u>Water</u>	sample id:	<u>Q1808-04</u>	client id:	<u>LAW-25-0060MSD</u>
Percent Solids for Sample:	NA	Spiked ID:	Q1808-04MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	3890		100	U	4000	97		P
Barium	ug/L	75 - 125	1890		997		1000	89		P
Cadmium	ug/L	75 - 125	961		30.0	U	1000	96		P
Chromium	ug/L	75 - 125	1910		50.0	U	2000	96		P
Lead	ug/L	75 - 125	4580		60.0	U	5000	92		P
Mercury	ug/L	75 - 125	40.1		0.80	J	40.0	98		CV
Selenium	ug/L	75 - 125	9430		100	U	10000	94		P
Silver	ug/L	75 - 125	347		50.0	U	380	91		P

Metals

- 5b -

Client: Scalamandre – Tully JV

SDG No.: Q1803

Contract: SCAL01

Lab Code: CHEM

Case No.: Q1803 **SAS No.:** Q1803

Matrix:

Level: LOW

Client ID:

Sample ID: **Spiked ID:**

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

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DUPLICATE SAMPLE SUMMARY

Client: Scalamandre – Tully JV **Level:** LOW **SDG No.:** Q1803
Contract: SCAL01 **Lab Code:** CHEM **Case No.:** Q1803 **SAS No.:** Q1803
Matrix: Water **Sample ID:** Q1808-04 **Client ID:** LAW-25-0060DUP
Percent Solids for Sample: NA **Duplicate ID** Q1808-04DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	100	U	100	U			P
Barium	ug/L	20	997		996		0		P
Cadmium	ug/L	20	30.0	U	30.0	U			P
Chromium	ug/L	20	50.0	U	50.0	U			P
Lead	ug/L	20	60.0	U	60.0	U			P
Mercury	ug/L	20	0.80	J	0.76	J	5		CV
Selenium	ug/L	20	100	U	100	U			P
Silver	ug/L	20	50.0	U	50.0	U			P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Scalamandre – Tully JV **Level:** LOW **SDG No.:** Q1803
Contract: SCAL01 **Lab Code:** CHEM **Case No.:** Q1803 **SAS No.:** Q1803
Matrix: Water **Sample ID:** Q1808-04MS **Client ID:** LAW-25-0060MSD
Percent Solids for Sample: NA **Duplicate ID** Q1808-04MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	3880		3890		0		P
Barium	ug/L	20	1920		1890		2		P
Cadmium	ug/L	20	967		961		1		P
Chromium	ug/L	20	1910		1910		0		P
Lead	ug/L	20	4620		4580		1		P
Mercury	ug/L	20	39.2		40.1		2		CV
Selenium	ug/L	20	9470		9430		0		P
Silver	ug/L	20	349		347		1		P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Scalamandre – Tully JV **SDG No.:** Q1803
Contract: SCAL01 **Lab Code:** CHEM **Case No.:** Q1803 **SAS No.:** Q1803

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167605BS							
Arsenic	ug/L	4000	4050		101	80 - 120	P
Barium	ug/L	1000	894		89	80 - 120	P
Cadmium	ug/L	1000	984		98	80 - 120	P
Chromium	ug/L	2000	1980		99	80 - 120	P
Lead	ug/L	5000	4900		98	80 - 120	P
Selenium	ug/L	10000	10400		104	80 - 120	P
Silver	ug/L	380	367		97	80 - 120	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Scalamandre – Tully JV

SDG No.: Q1803

Contract: SCAL01

Lab Code: CHEM

Case No.: Q1803

SAS No.: Q1803

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167607BS Mercury	ug/L	4.0	4.09		102	80 - 120	CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

LAW-25-0060L

Lab Name: Chemtech Consulting Group

Contract: SCAL01

Lab Code: CHEM **Lb No.:** lb135463 **Lab Sample ID :** Q1808-04L **SDG No.:** Q1803

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

Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ- ence	Q	M
		C		C			
Arsenic	100	U	500	U			P
Barium	997		1230	J	23		P
Cadmium	30.0	U	150	U			P
Chromium	50.0	U	250	U			P
Lead	60.0	U	300	U			P
Mercury	0.80	J	4.71	J	489		CV
Selenium	100	U	500	U			P
Silver	50.0	U	250	U			P



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Scalamandre – Tully JV

SDG No.: Q1803

Contract: SCAL01

Lab Code: CHEM

Case No.: Q1803

SAS No.: Q1803

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Al	Ca	Fe	Mg	Ag
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
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	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

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Scalamandre – Tully JV

SDG No.: Q1803

Contract: SCAL01

Lab Code: CHEM

Case No.: Q1803

SAS No.: Q1803

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
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
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0003170	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

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Scalamandre – Tully JV

SDG No.: Q1803

Contract: SCAL01

Lab Code: CHEM

Case No.: Q1803

SAS No.: Q1803

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
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
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
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

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Scalamandre – Tully JV

SDG No.: Q1803

Contract: SCAL01

Lab Code: CHEM

Case No.: Q1803

SAS No.: Q1803

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Na	Ni	Pb	Sb	Se
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
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
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

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Scalamandre – Tully JV

SDG No.: Q1803

Contract: SCAL01

Lab Code: CHEM

Case No.: Q1803

SAS No.: Q1803

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
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
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Lead	220.353	0.0000000	-0.0003610	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

Metals

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LINEAR RANGES

Client: Scalamandre – Tully JV

SDG No.: Q1803

Contract: SCAL01

Lab Code: CHEM

Case No.: Q1803

SAS No.: Q1803

Instrument ID: P4

Date: 01/04/2018

<u>Analyte</u>	<u>Integration</u>	<u>LDR</u>
	<u>Time</u> <u>(sec)</u>	
Arsenic	10	81000
Barium	10	90000
Cadmium	10	9000
Chromium	10	90000
Lead	10	225000
Selenium	10	90000
Silver	10	9000



METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client: Scalamandre – Tully JV **SDG No.:** Q1803
Contract: SCAL01 **Lab Code:** CHEM **Method:**
Case No.: Q1803 **SAS No.:** Q1803

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB167605							
PB167587TB	PB167587TB	MB	WATER	04/15/2025	5.0	25.0	
PB167605BL	PB167605BL	MB	WATER	04/15/2025	5.0	25.0	
PB167605BS	PB167605BS	LCS	WATER	04/15/2025	5.0	25.0	
Q1803-01	WEST-BAY	SAM	WATER	04/15/2025	5.0	25.0	
Q1803-02	FUEL-MONITORING	SAM	WATER	04/15/2025	5.0	25.0	
Q1808-04DUP	LAW-25-0060DUP	DUP	WATER	04/15/2025	5.0	25.0	
Q1808-04MS	LAW-25-0060MS	MS	WATER	04/15/2025	5.0	25.0	
Q1808-04MSD	LAW-25-0060MSD	MSD	WATER	04/15/2025	5.0	25.0	

Metals

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SAMPLE PREPARATION SUMMARY

Client:	<u>Scalamandre – Tully JV</u>	SDG No.:	<u>Q1803</u>
Contract:	<u>SCAL01</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>Q1803</u>
		SAS No.:	<u>Q1803</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB167607							
PB167587TB	PB167587TB	MB	WATER	04/16/2025	3.0	30.0	
PB167607BL	PB167607BL	MB	WATER	04/16/2025	30.0	30.0	
PB167607BS	PB167607BS	LCS	WATER	04/16/2025	30.0	30.0	
Q1803-01	WEST-BAY	SAM	WATER	04/16/2025	3.0	30.0	
Q1803-02	FUEL-MONITORING	SAM	WATER	04/16/2025	3.0	30.0	
Q1808-04DUP	LAW-25-0060DUP	DUP	WATER	04/16/2025	3.0	30.0	
Q1808-04MS	LAW-25-0060MS	MS	WATER	04/16/2025	3.0	30.0	
Q1808-04MSD	LAW-25-0060MSD	MSD	WATER	04/16/2025	3.0	30.0	

metals
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ANALYSIS RUN LOG

Client: Scalamandre – Tully JV **Contract:** SCAL01

Lab code: CHEM **Case no.:** Q1803 **Sas no.:** Q1803 **Sdg no.:** Q1803

Instrument id number: **Method:** **Run number:** LB135455

Start date: 04/16/2025 **End date:** 04/16/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1256	HG
S0.2	S0.2	1	1258	HG
S2.5	S2.5	1	1300	HG
S5	S5	1	1303	HG
S7.5	S7.5	1	1305	HG
S10	S10	1	1310	HG
ICV90	ICV90	1	1313	HG
ICB90	ICB90	1	1315	HG
CCV79	CCV79	1	1317	HG
CCB79	CCB79	1	1320	HG
CRA	CRA	1	1322	HG
PB167607BL	PB167607BL	1	1329	HG
PB167607BS	PB167607BS	1	1336	HG
Q1803-01	WEST-BAY	1	1346	HG
Q1803-02	FUEL-MONITORING	1	1348	HG
CCV80	CCV80	1	1350	HG
CCB80	CCB80	1	1352	HG
Q1808-04DUP	LAW-25-0060DUP	1	1359	HG
Q1808-04MS	LAW-25-0060MS	1	1406	HG
Q1808-04MSD	LAW-25-0060MSD	1	1409	HG
PB167587TB	PB167587TB	1	1411	HG
Q1808-04L	LAW-25-0060L	5	1413	HG
CCV81	CCV81	1	1418	HG
CCB81	CCB81	1	1420	HG

metals
- 14 -
ANALYSIS RUN LOG

Client: Scalamandre – Tully JV **Contract:** SCAL01

Lab code: CHEM **Case no.:** Q1803 **Sas no.:** Q1803 **Sdg no.:** Q1803

Instrument id number: **Method:** **Run number:** LB135463

Start date: 04/16/2025 **End date:** 04/16/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1239	Ag,As,Ba,Cd,Cr,Pb,Se
S1	S1	1	1244	Ag,As,Ba,Cd,Cr,Pb,Se
S2	S2	1	1248	Ag,As,Ba,Cd,Cr,Pb,Se
S3	S3	1	1252	Ag,As,Ba,Cd,Cr,Pb,Se
S4	S4	1	1256	Ag,As,Ba,Cd,Cr,Pb,Se
S5	S5	1	1301	Ag,As,Ba,Cd,Cr,Pb,Se
ICV01	ICV01	1	1309	Ag,As,Ba,Cd,Cr,Pb,Se
LLICV1	LLICV1	1	1337	Ag,As,Ba,Cd,Cr,Pb,Se
ICB01	ICB01	1	1342	Ag,As,Ba,Cd,Cr,Pb,Se
CRI	CRI	1	1346	Ag,As,Ba,Cd,Cr,Pb,Se
ICSA01	ICSA01	1	1351	Ag,As,Ba,Cd,Cr,Pb,Se
ICSAB01	ICSAB01	1	1355	Ag,As,Ba,Cd,Cr,Pb,Se
CCV01	CCV01	1	1408	Ag,As,Ba,Cd,Cr,Pb,Se
CCB01	CCB01	1	1412	Ag,As,Ba,Cd,Cr,Pb,Se
CCV02	CCV02	1	1518	Ag,As,Ba,Cd,Cr,Pb,Se
CCB02	CCB02	1	1523	Ag,As,Ba,Cd,Cr,Pb,Se
CCV03	CCV03	1	1610	Ag,As,Ba,Cd,Cr,Pb,Se
CCB03	CCB03	1	1614	Ag,As,Ba,Cd,Cr,Pb,Se
Q1803-01	WEST-BAY	1	1619	Ag,As,Ba,Cd,Cr,Pb,Se
Q1803-02	FUEL-MONITORING	1	1623	Ag,As,Ba,Cd,Cr,Pb,Se
Q1808-04DUP	LAW-25-0060DUP	1	1636	Ag,As,Ba,Cd,Cr,Pb,Se
Q1808-04L	LAW-25-0060L	5	1641	Ag,As,Ba,Cd,Cr,Pb,Se
Q1808-04MS	LAW-25-0060MS	1	1645	Ag,As,Ba,Cd,Cr,Pb,Se
Q1808-04MSD	LAW-25-0060MSD	1	1649	Ag,As,Ba,Cd,Cr,Pb,Se
PB167587TB	PB167587TB	1	1658	Ag,As,Ba,Cd,Cr,Pb,Se
CCV04	CCV04	1	1702	Ag,As,Ba,Cd,Cr,Pb,Se
CCB04	CCB04	1	1706	Ag,As,Ba,Cd,Cr,Pb,Se
PB167605BL	PB167605BL	1	1711	Ag,As,Ba,Cd,Cr,Pb,Se
PB167605BS	PB167605BS	1	1715	Ag,As,Ba,Cd,Cr,Pb,Se
CCV05	CCV05	1	1755	Ag,As,Ba,Cd,Cr,Pb,Se
CCB05	CCB05	1	1759	Ag,As,Ba,Cd,Cr,Pb,Se
CCV06	CCV06	1	1848	Ag,As,Ba,Cd,Cr,Pb,Se
CCB06	CCB06	1	1852	Ag,As,Ba,Cd,Cr,Pb,Se
CCV07	CCV07	1	1939	Ag,As,Ba,Cd,Cr,Pb,Se
CCB07	CCB07	1	1943	Ag,As,Ba,Cd,Cr,Pb,Se
CCV08	CCV08	1	2008	Ag,As,Ba,Cd,Cr,Pb,Se
CCB08	CCB08	1	2013	Ag,As,Ba,Cd,Cr,Pb,Se

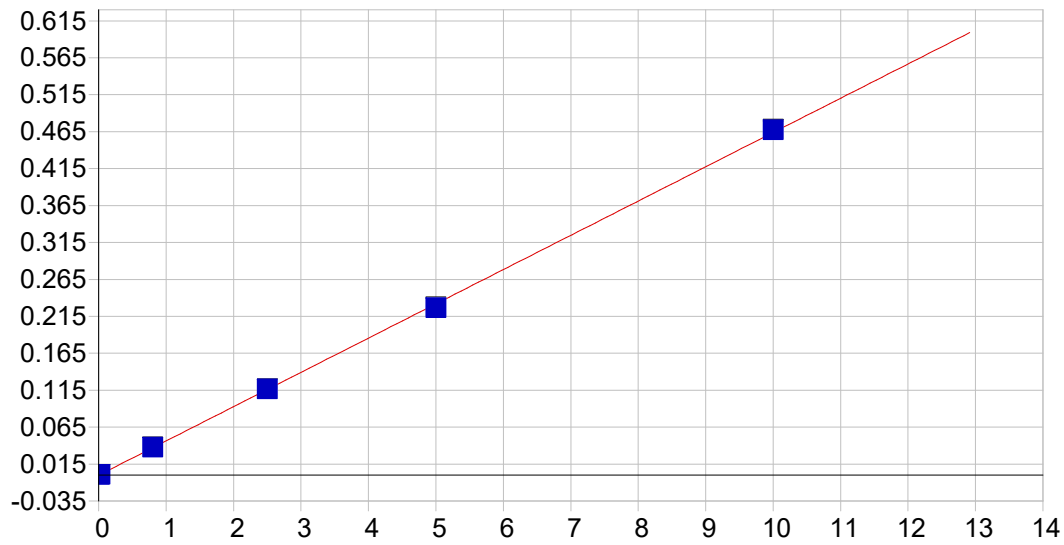


Client:	Scalamandre – Tully JV	Contract:	SCAL01
Lab Code:	CHEM	Case No.:	Q1803
		SAS No.:	Q1803
Instrument ID Number:		Method:	
Start Date:		End Date:	
		SDG No.:	Q1803
		Run Number:	

[illegible]



METAL RAW DATA

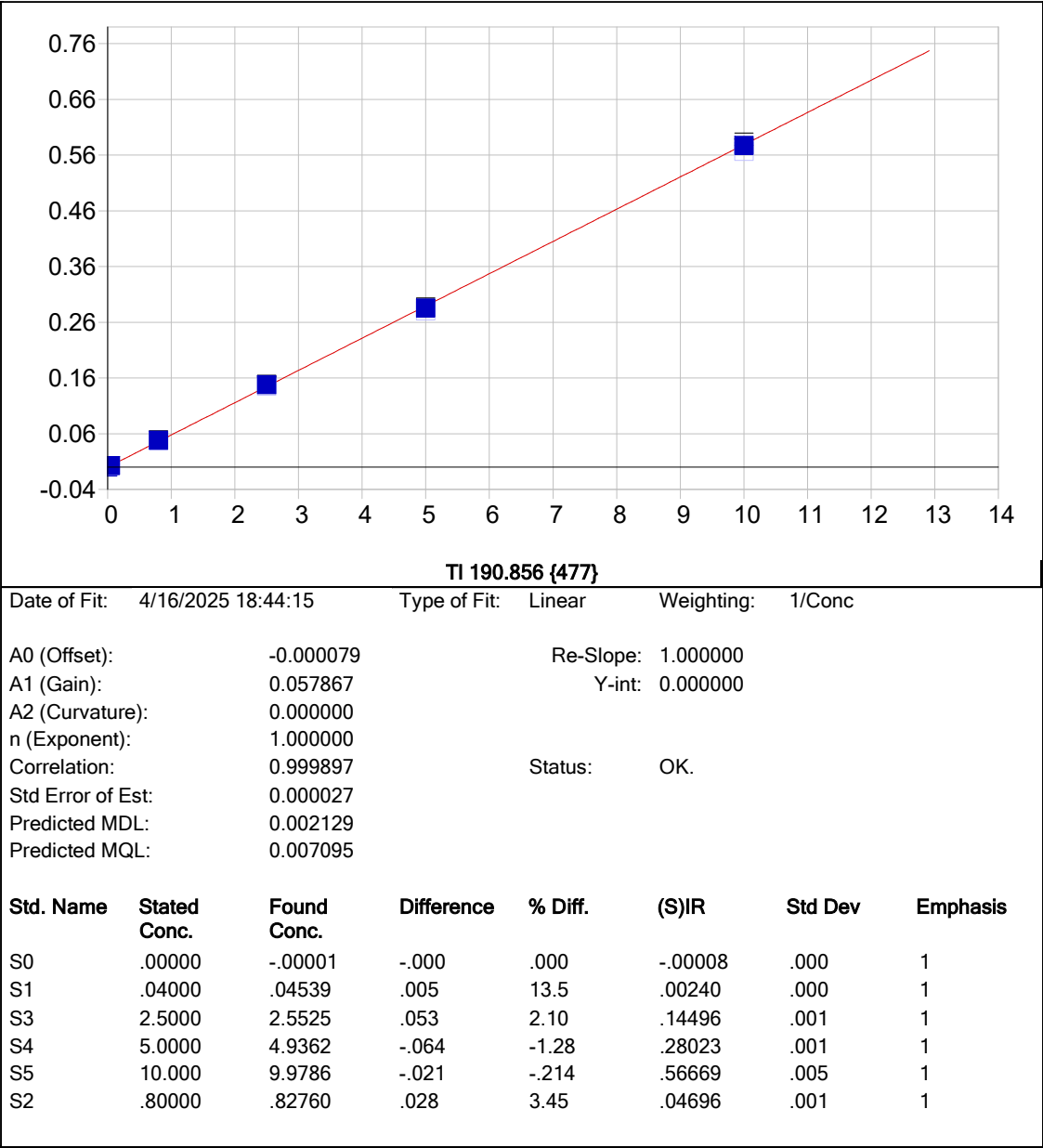


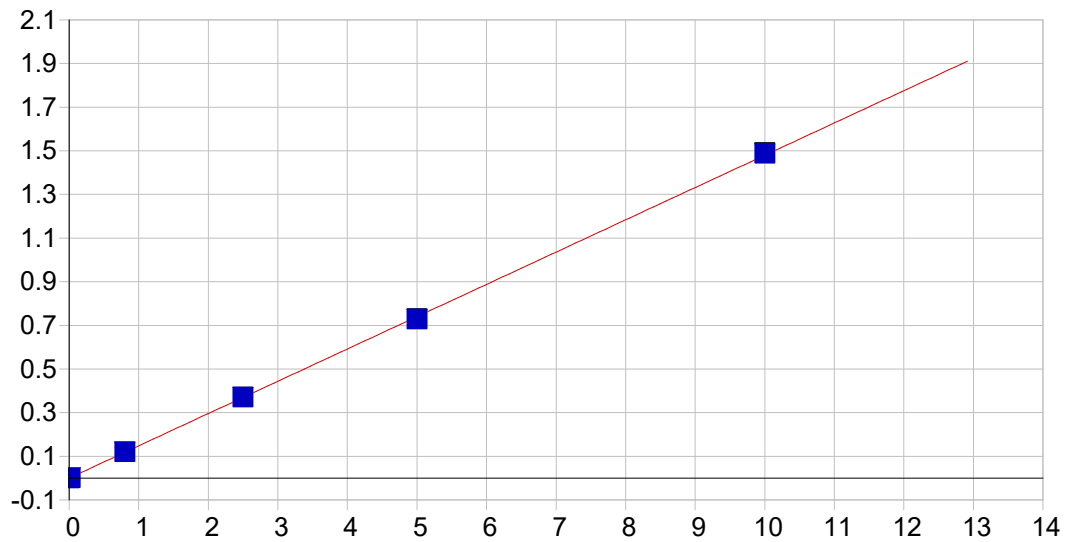
As 189.042 {479}

Date of Fit: 4/16/2025 18:44:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000115 Re-Slope: 1.000000
A1 (Gain): 0.046398 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999893 Status: OK.
Std Error of Est: 0.000016
Predicted MDL: 0.003186
Predicted MQL: 0.010620

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00012	.000	1
S1	.02000	.02255	.003	12.7	.00093	.000	1
S3	2.5000	2.5164	.016	.658	.11654	.000	1
S4	5.0000	4.8882	-.112	-2.24	.22649	.001	1
S5	10.000	10.075	.075	.748	.46694	.001	1
S2	.80000	.81805	.018	2.26	.03781	.000	1



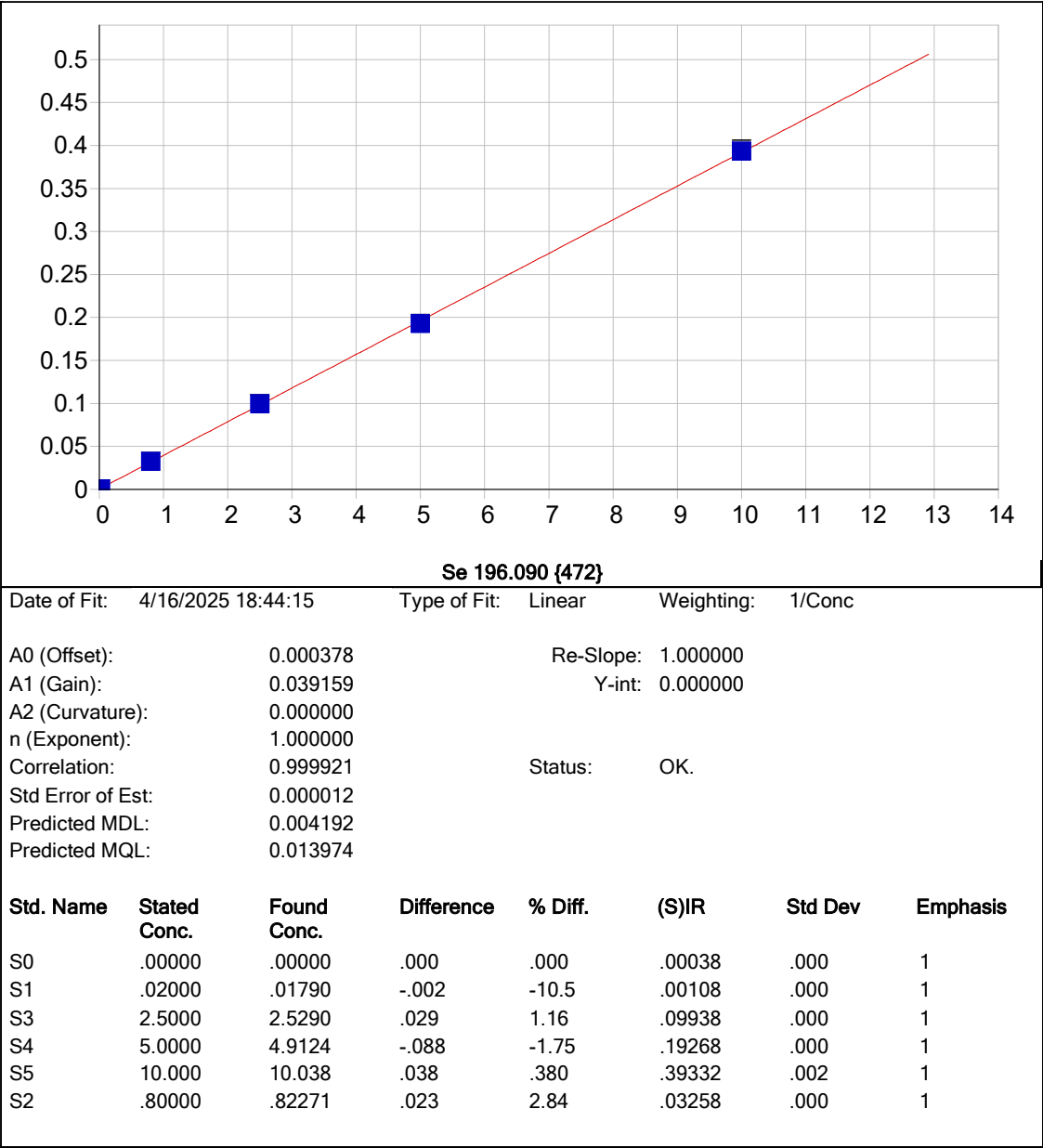


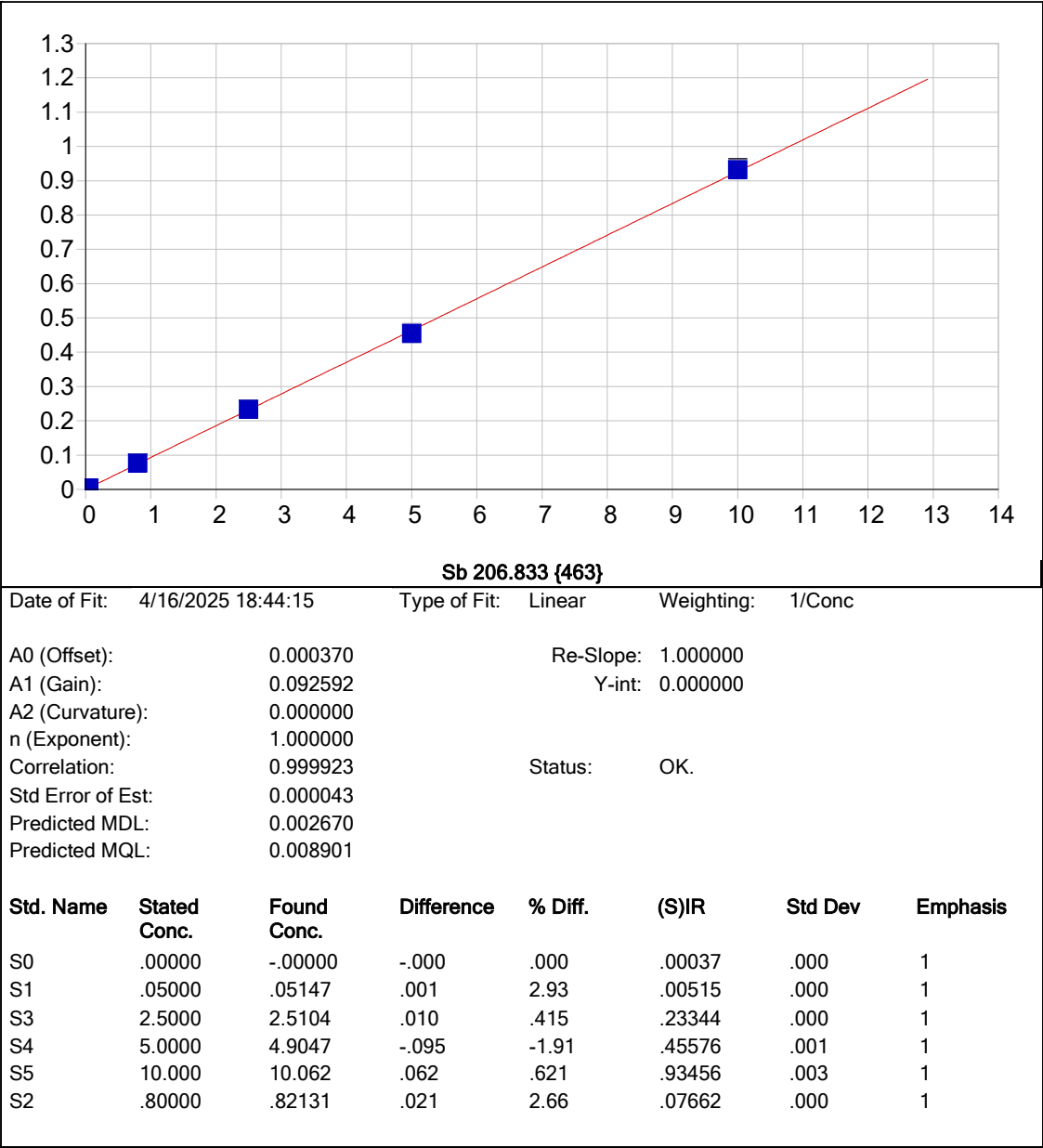
Pb 220.353 {453}

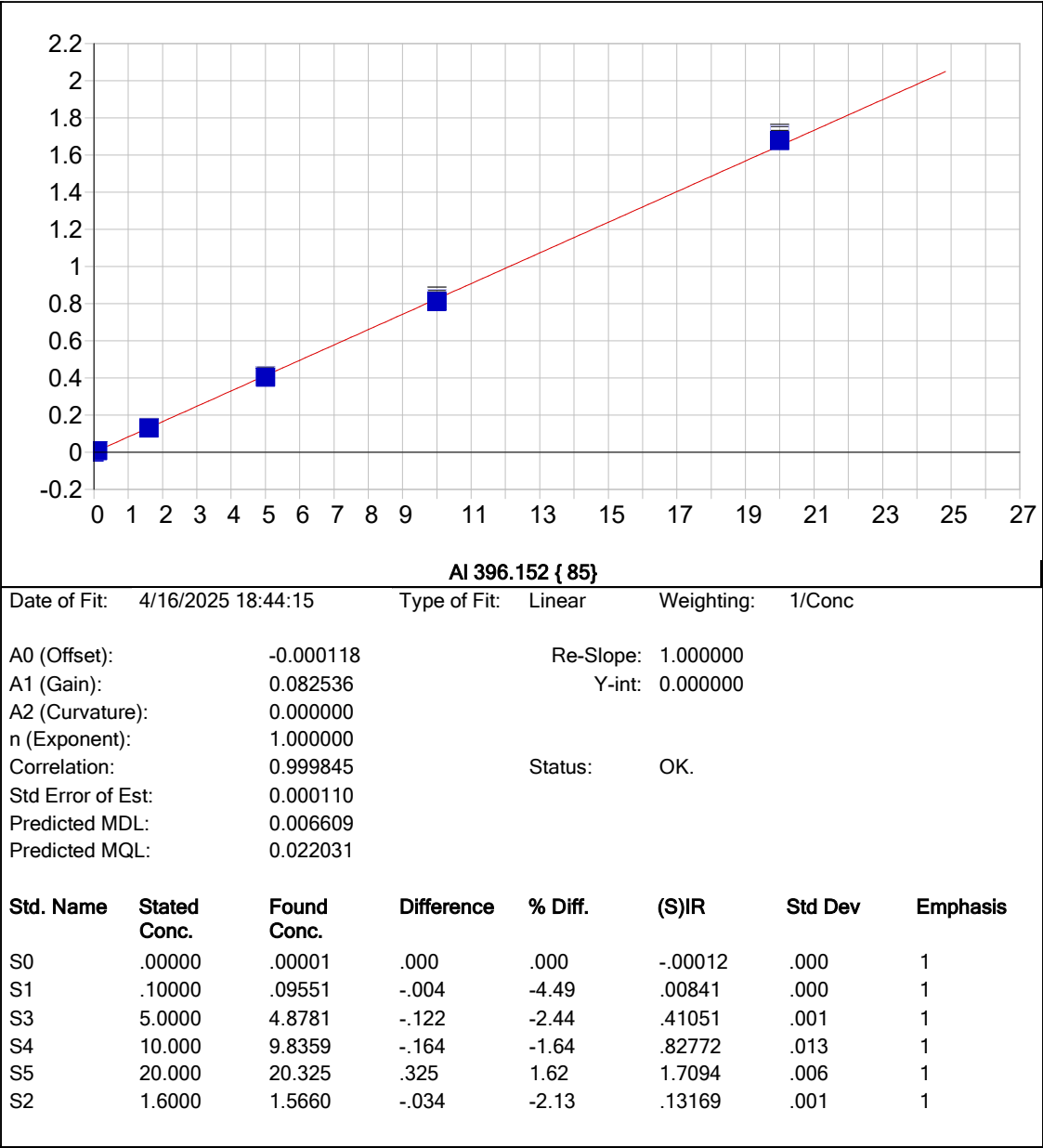
Date of Fit: 4/16/2025 18:44:15 Type of Fit: Linear Weighting: 1/Conc

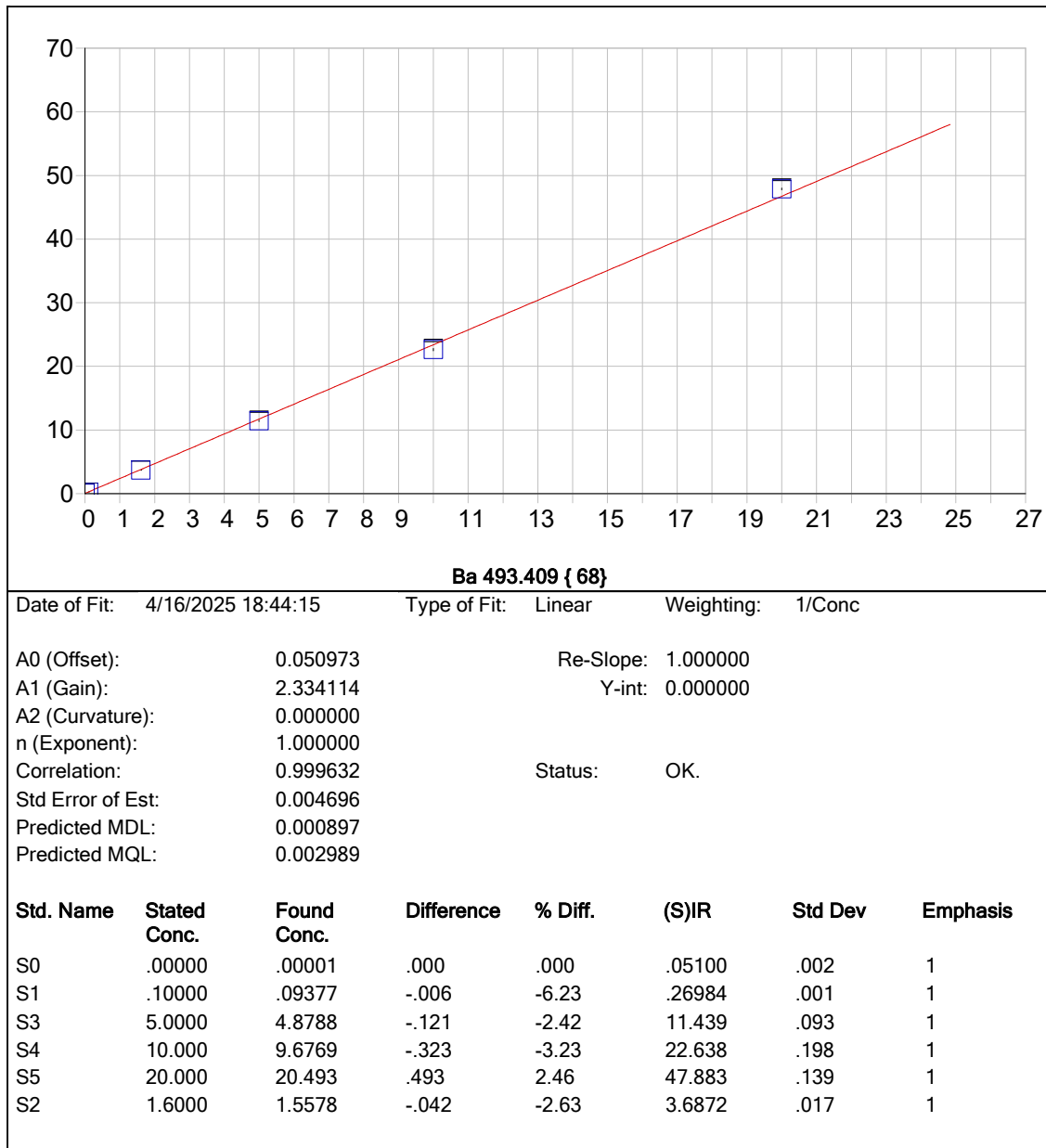
A0 (Offset): -0.000021 Re-Slope: 1.000000
A1 (Gain): 0.147964 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999953 Status: OK.
Std Error of Est: 0.000026
Predicted MDL: 0.001923
Predicted MQL: 0.006410

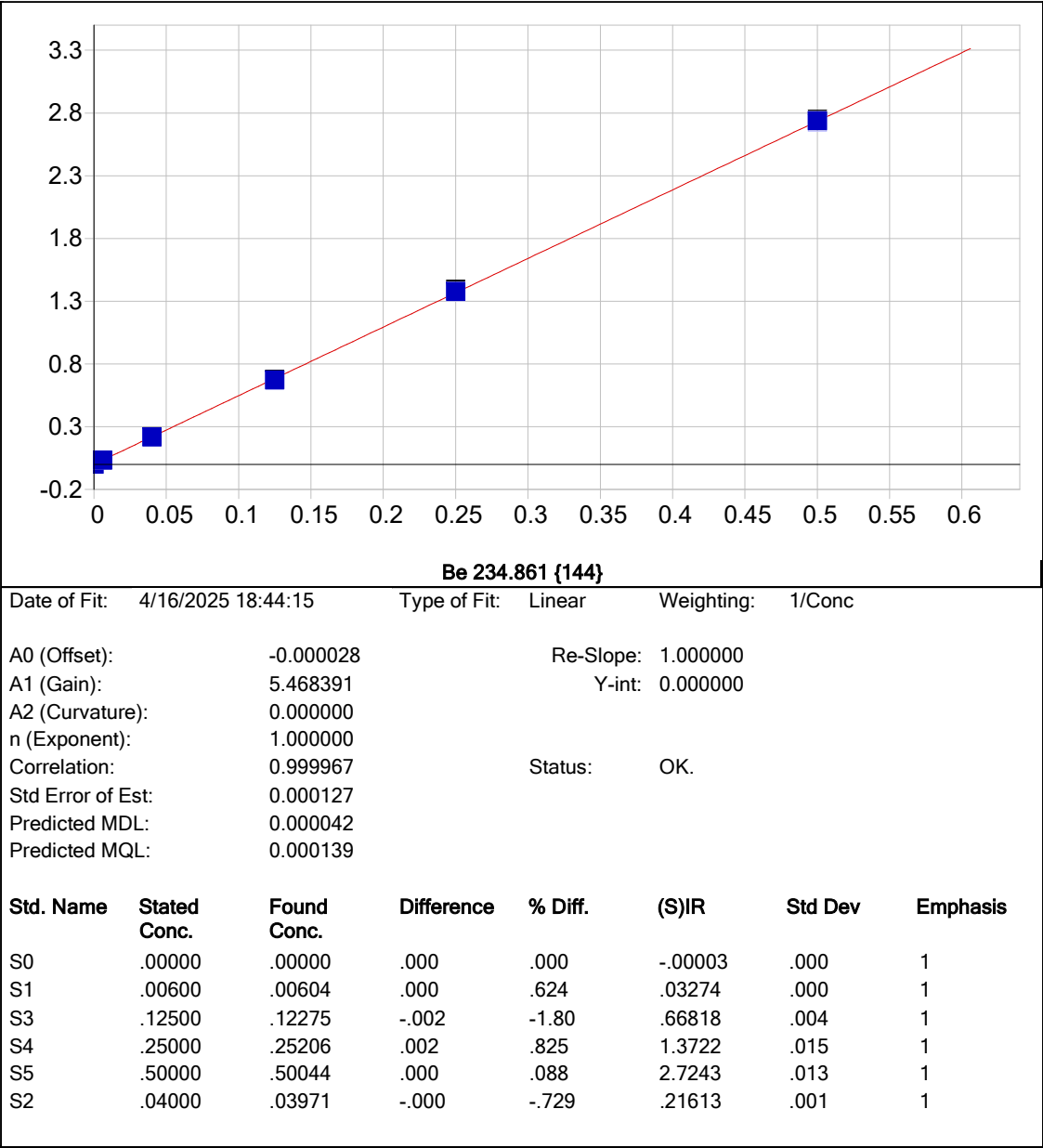
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00002	.000	1
S1	.01200	.01272	.001	6.03	.00183	.000	1
S3	2.5000	2.5055	.005	.219	.37032	.001	1
S4	5.0000	4.9228	-.077	-1.54	.72762	.002	1
S5	10.000	10.063	.063	.626	1.4874	.003	1
S2	.80000	.80844	.008	1.05	.11948	.000	1

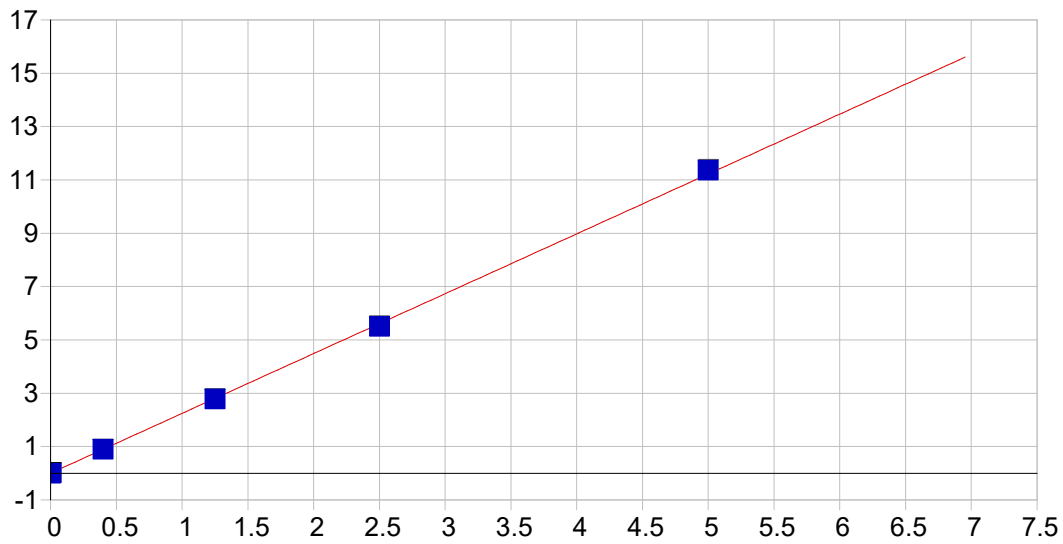










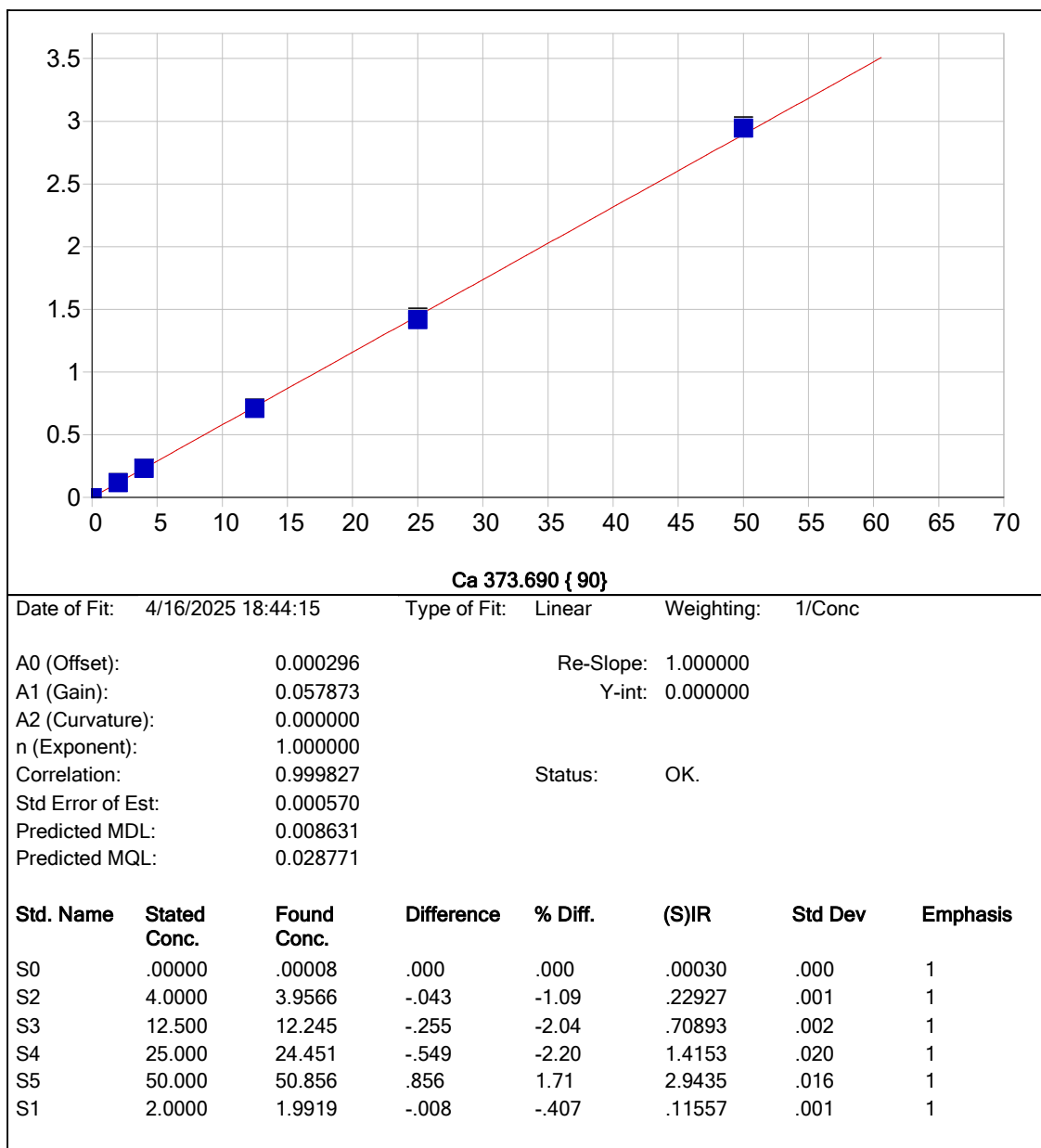


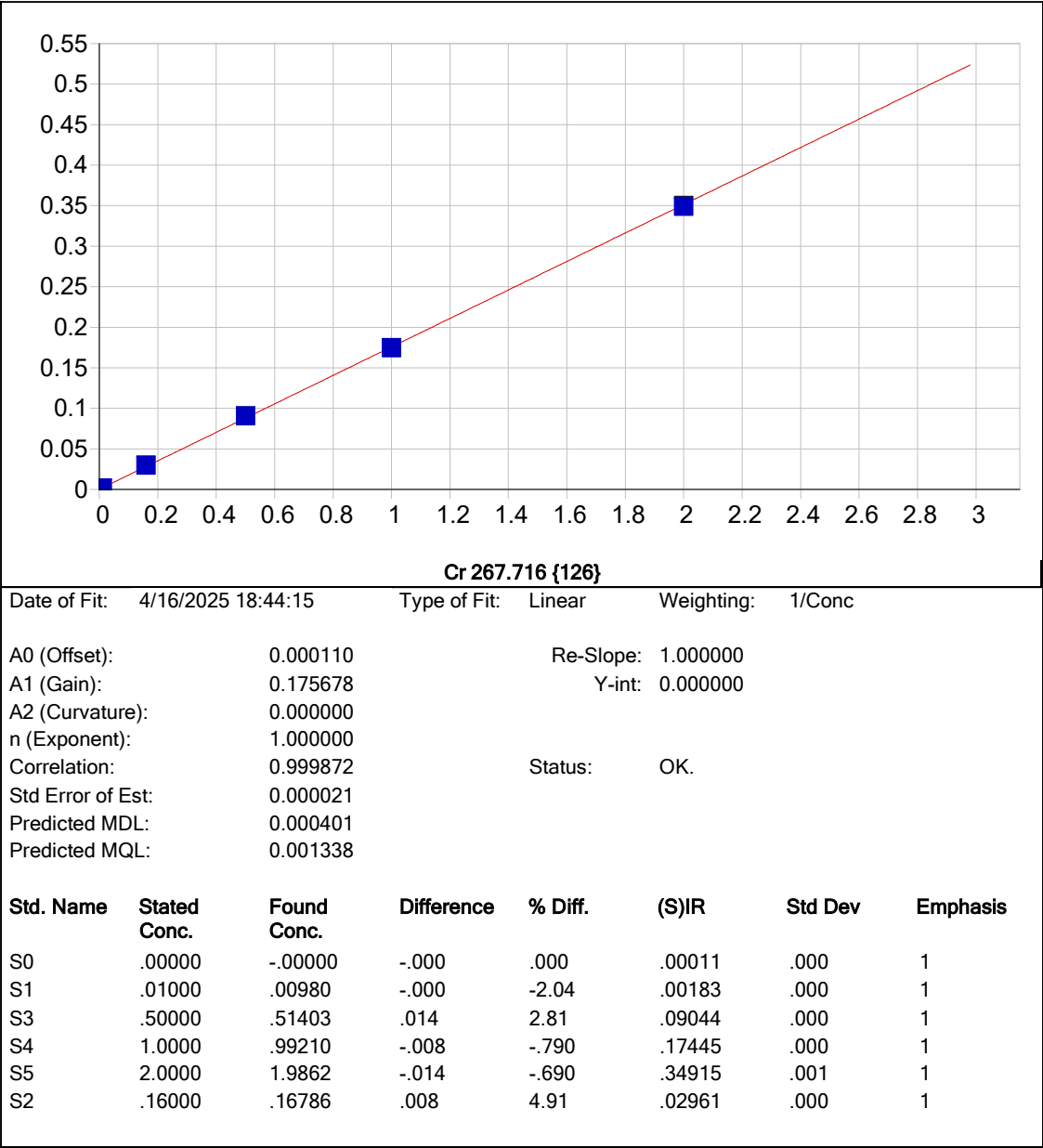
Cd 226.502 {449}

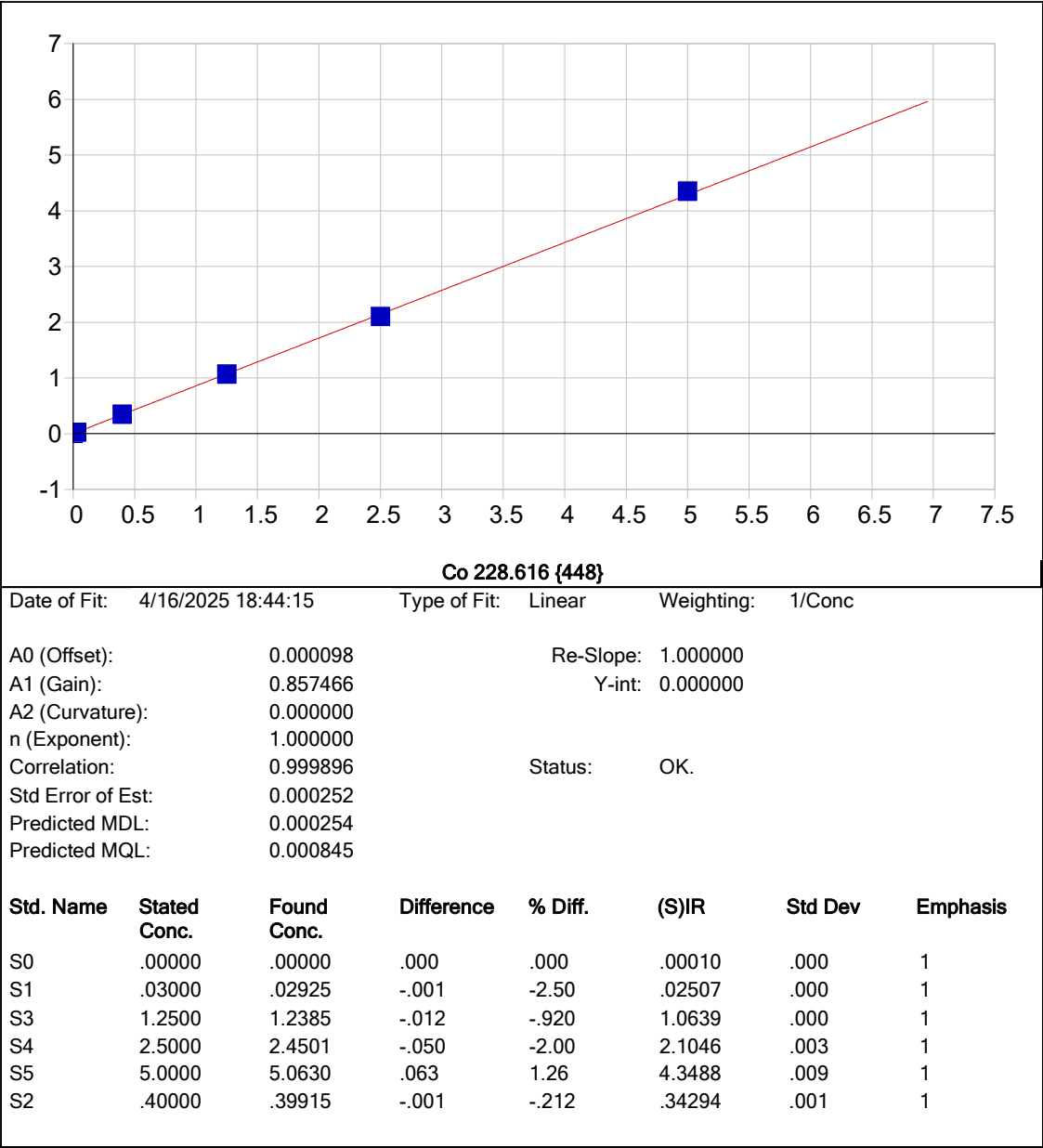
Date of Fit: 4/16/2025 18:44:15 Type of Fit: Linear Weighting: 1/Conc

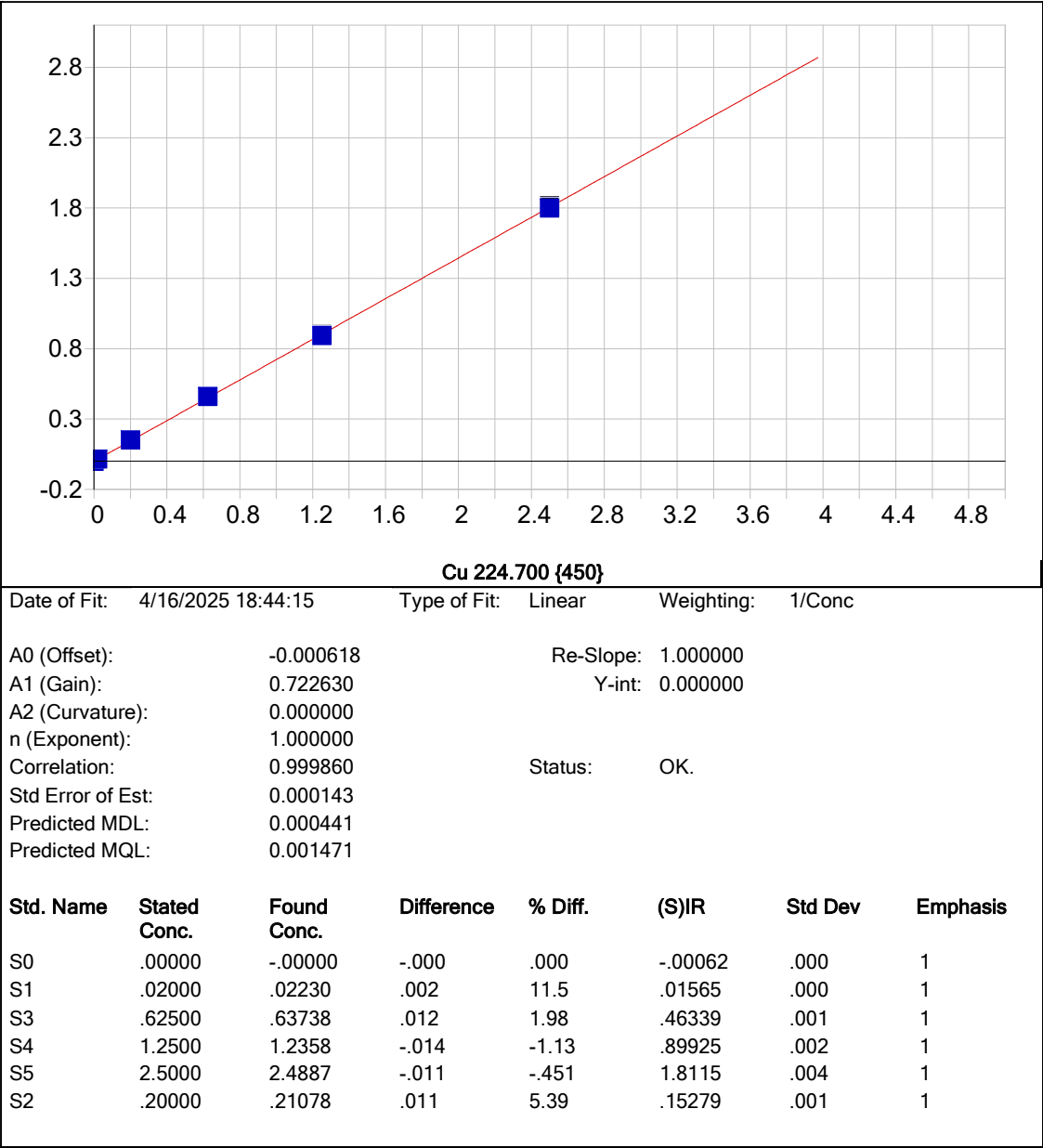
A0 (Offset):	0.000061	Re-Slope:	1.000000
A1 (Gain):	2.244339	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999903	Status:	OK.
Std Error of Est:	0.000284		
Predicted MDL:	0.000092		
Predicted MQL:	0.000306		

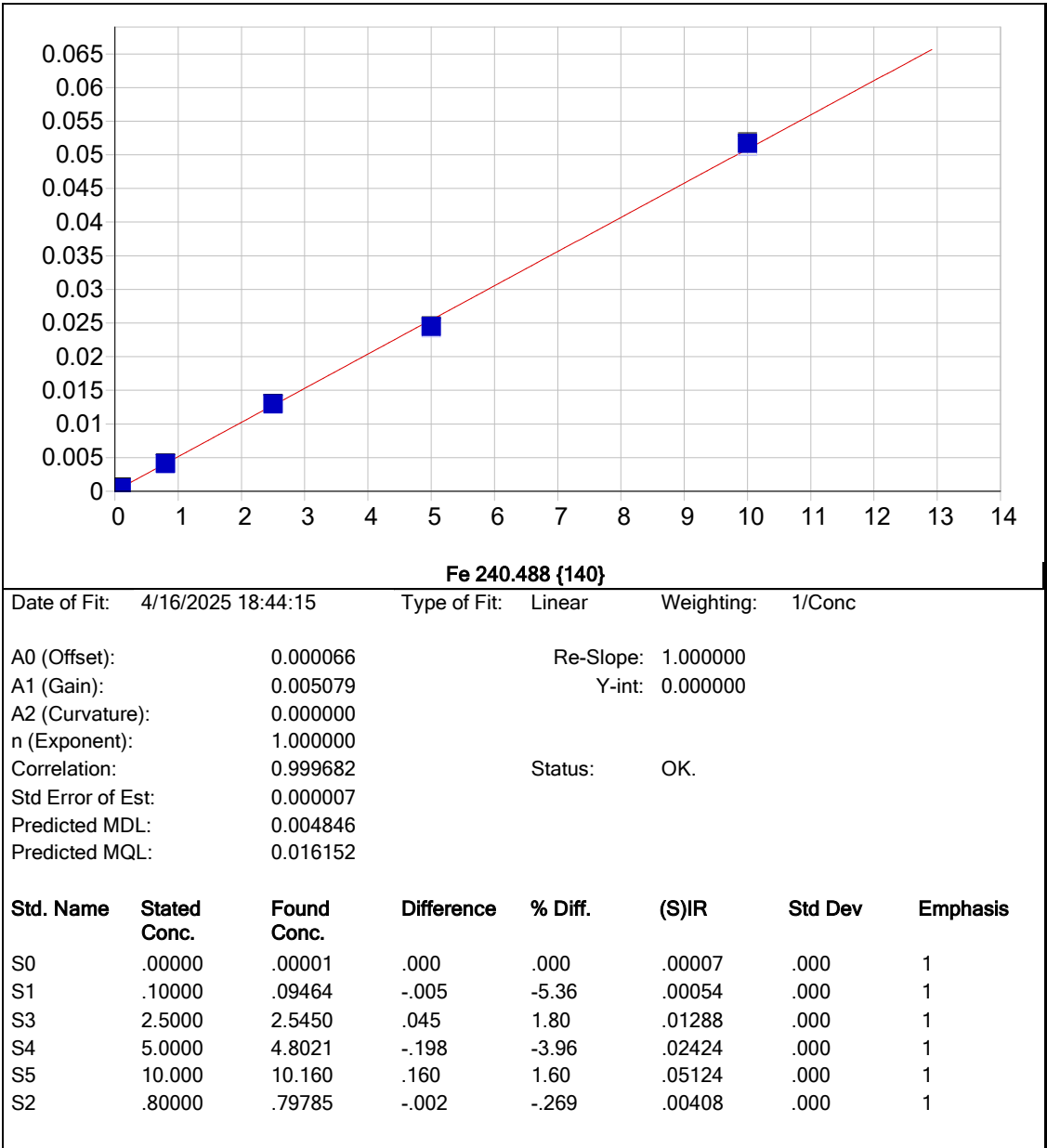
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.00600	.00615	.000	2.51	.01393	.000	1
S3	1.2500	1.2386	-.011	-.909	2.7824	.001	1
S4	2.5000	2.4520	-.048	-1.92	5.5081	.007	1
S5	5.0000	5.0610	.061	1.22	11.369	.023	1
S2	.40000	.39823	-.002	-.444	.89461	.001	1

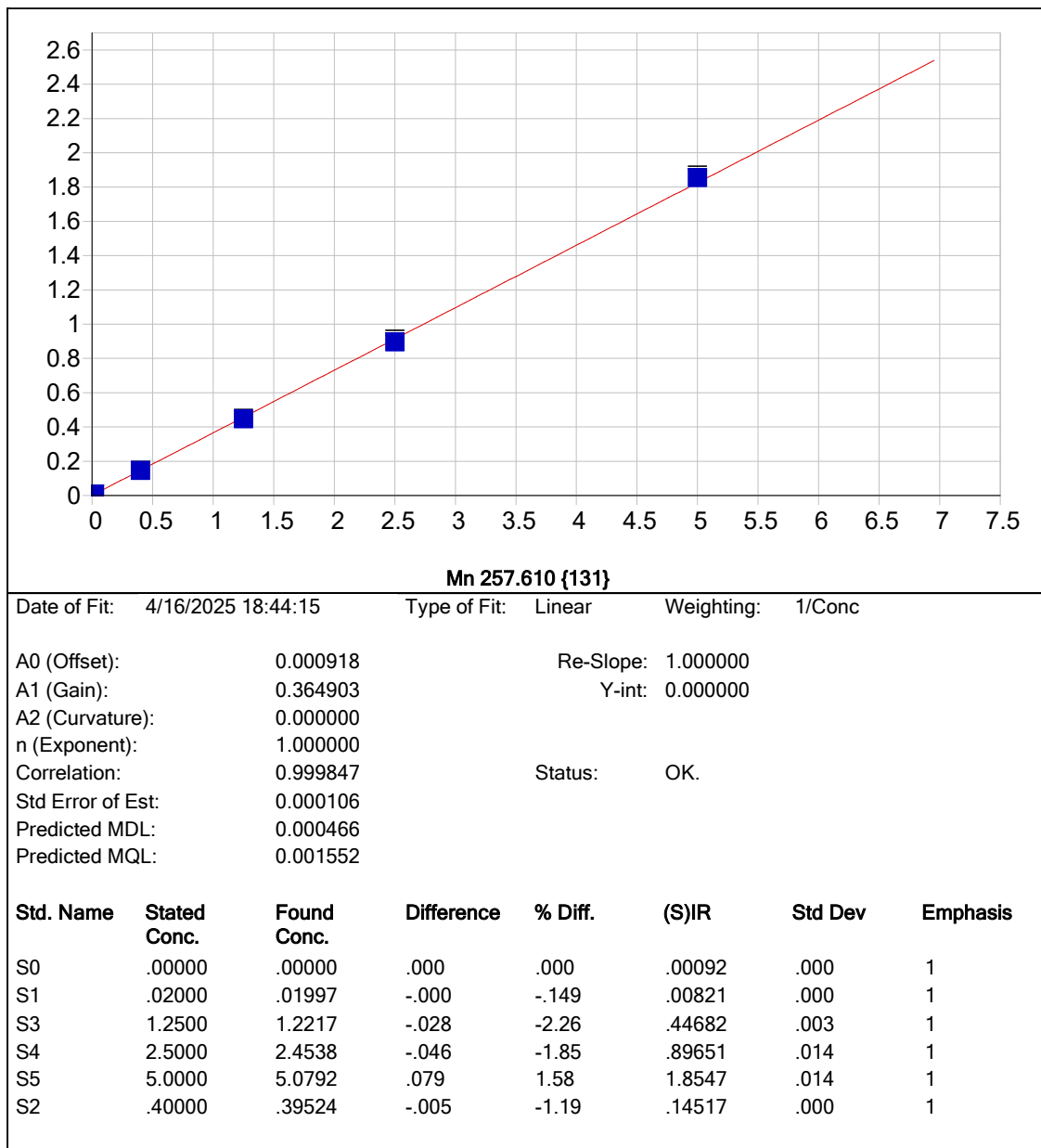


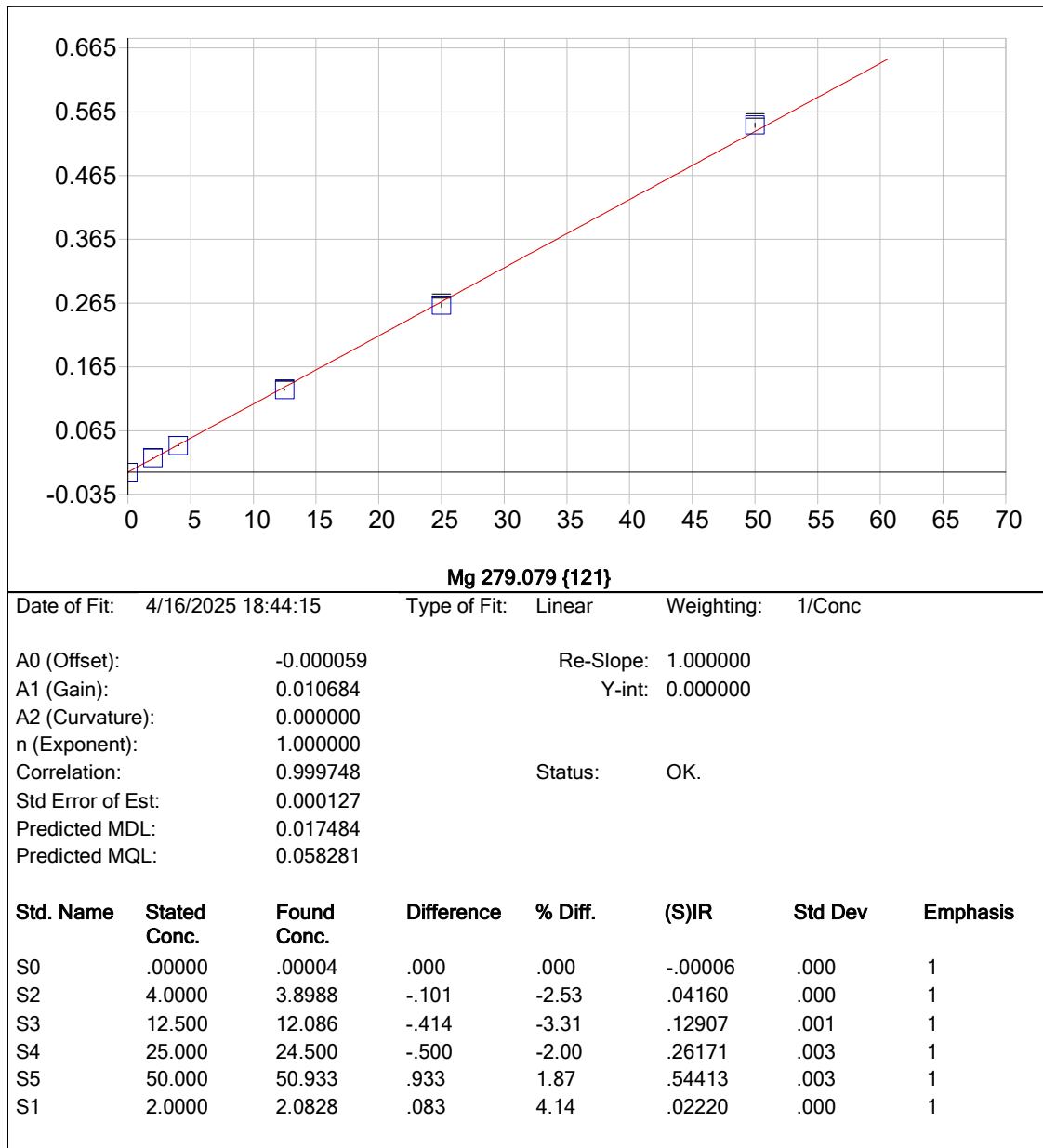


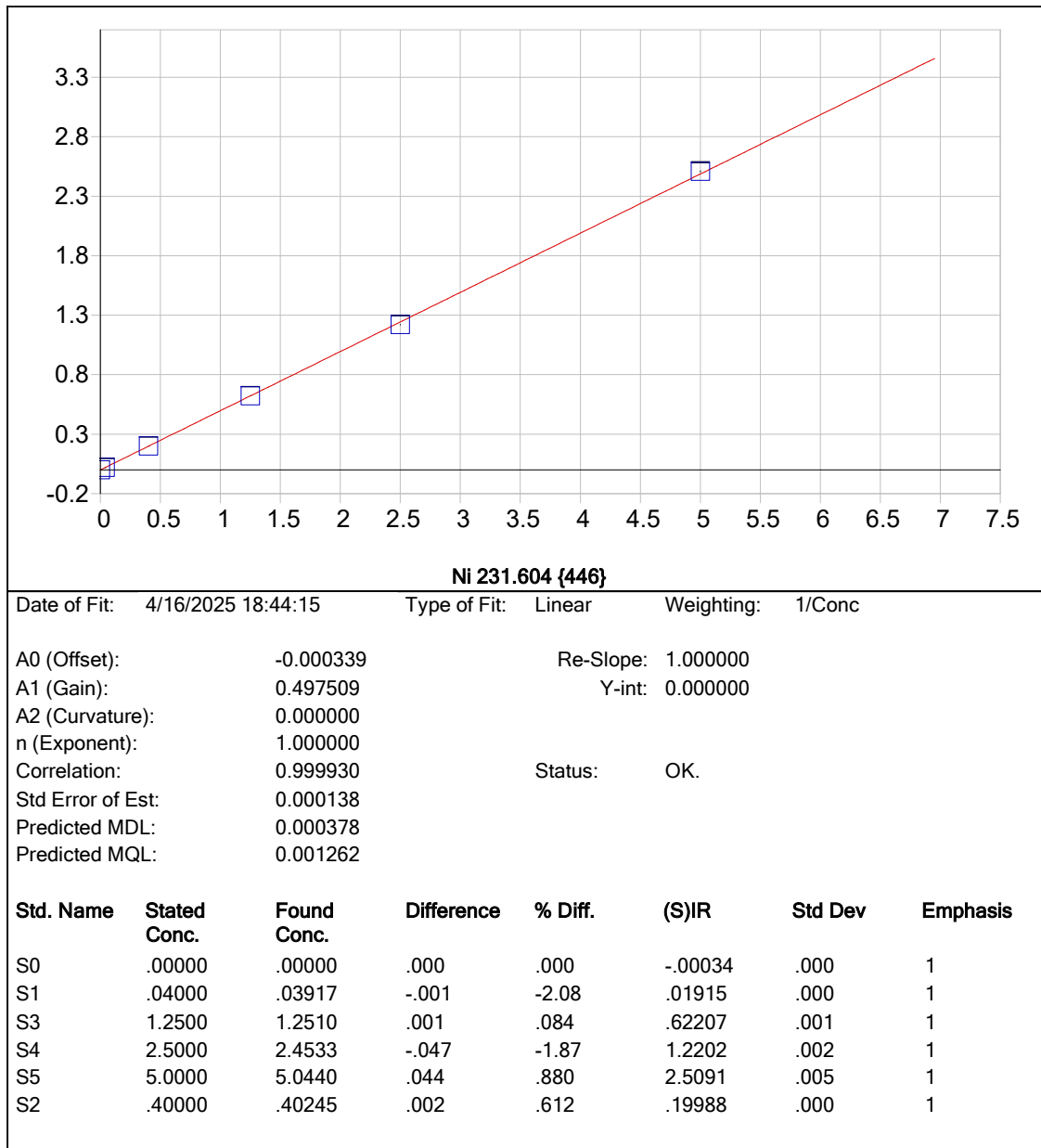


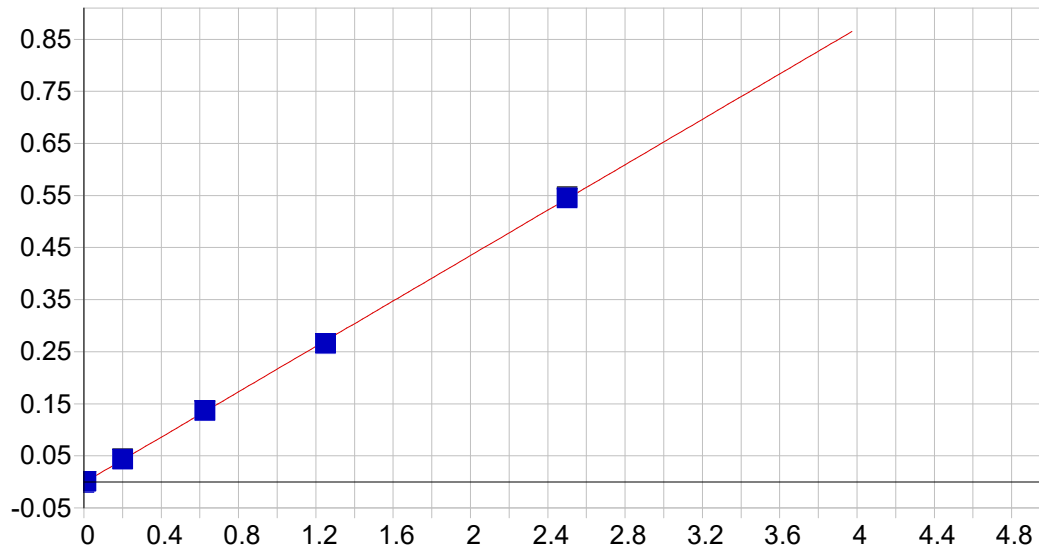










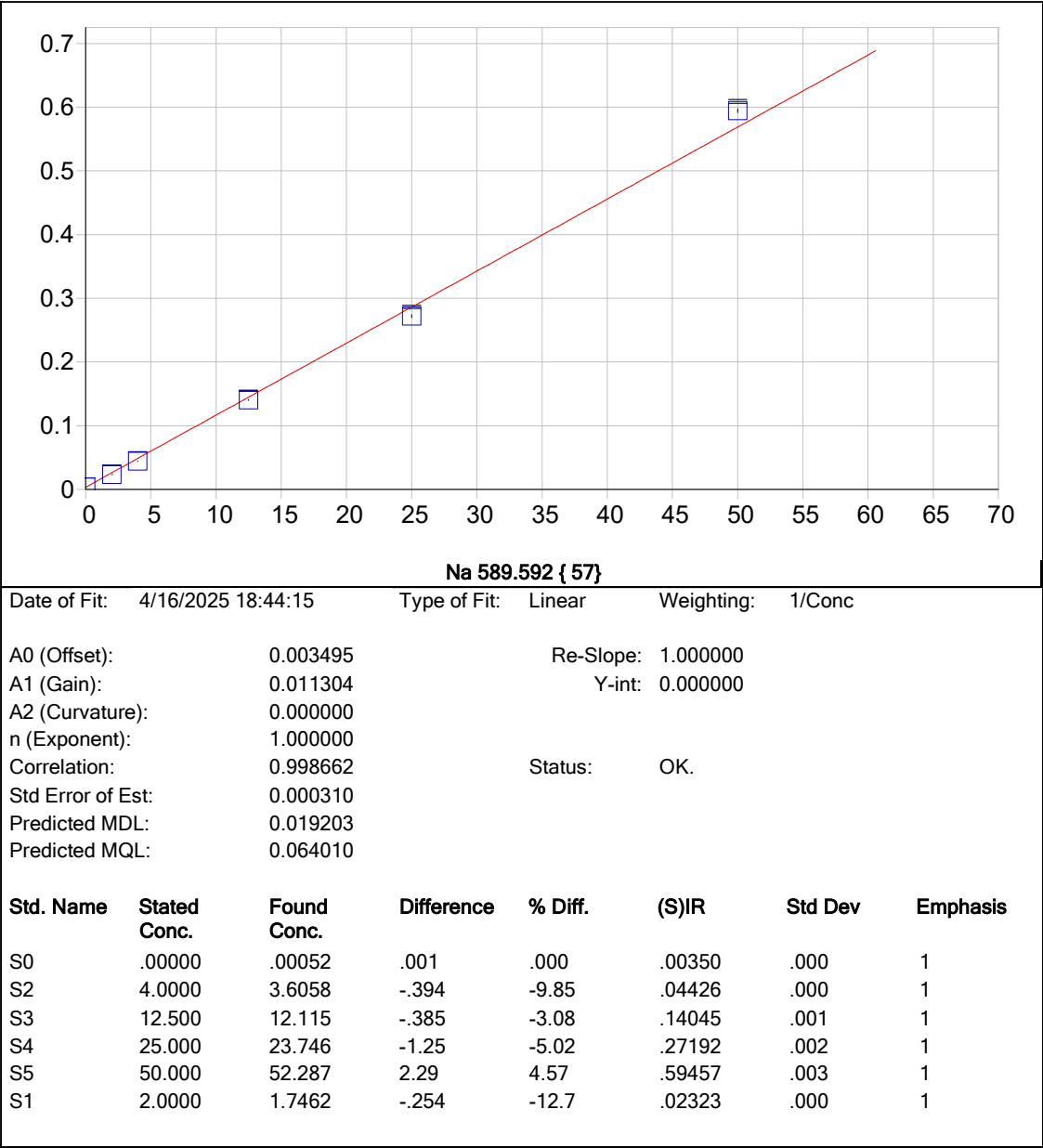


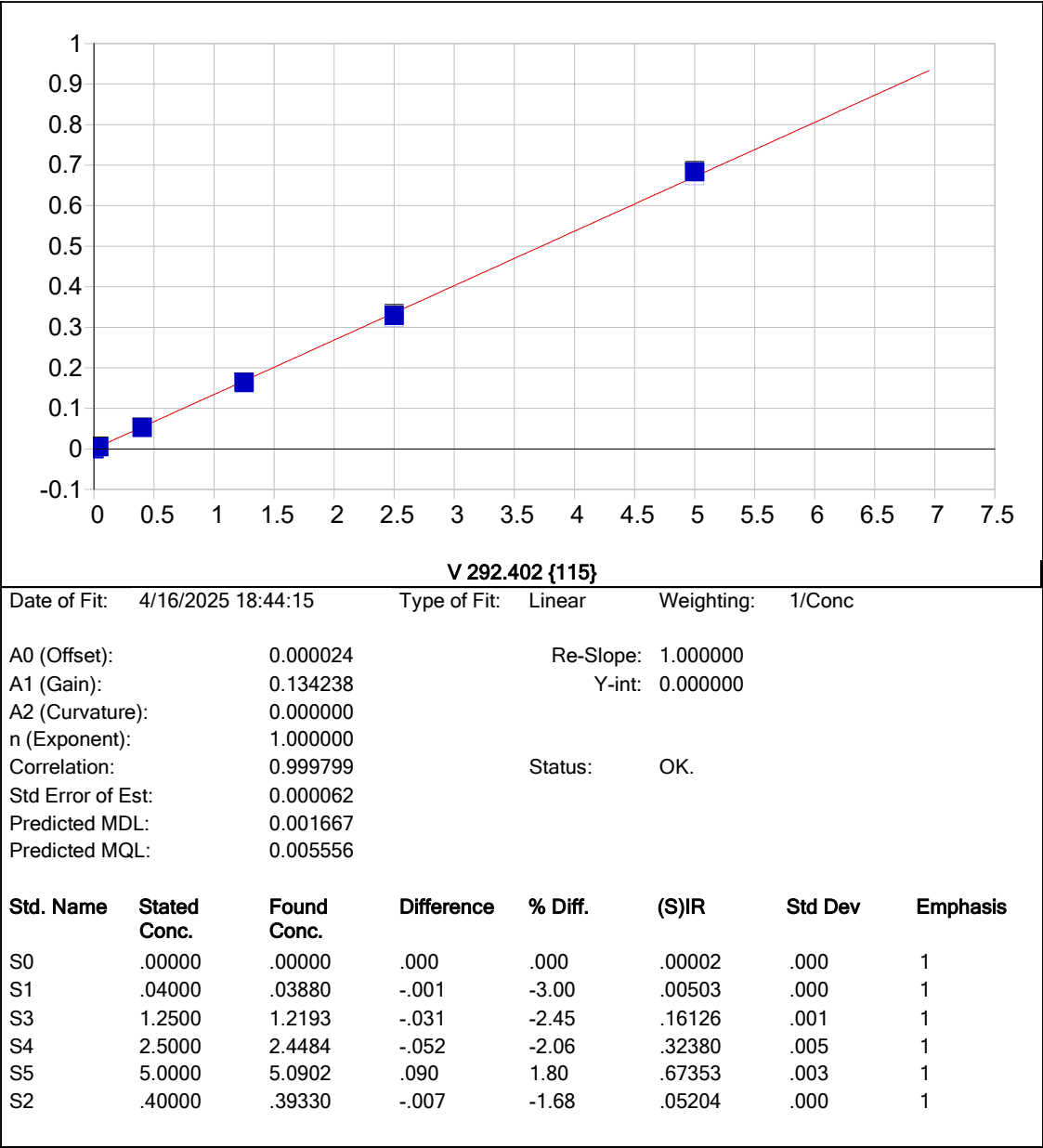
Ag 328.068 {103}

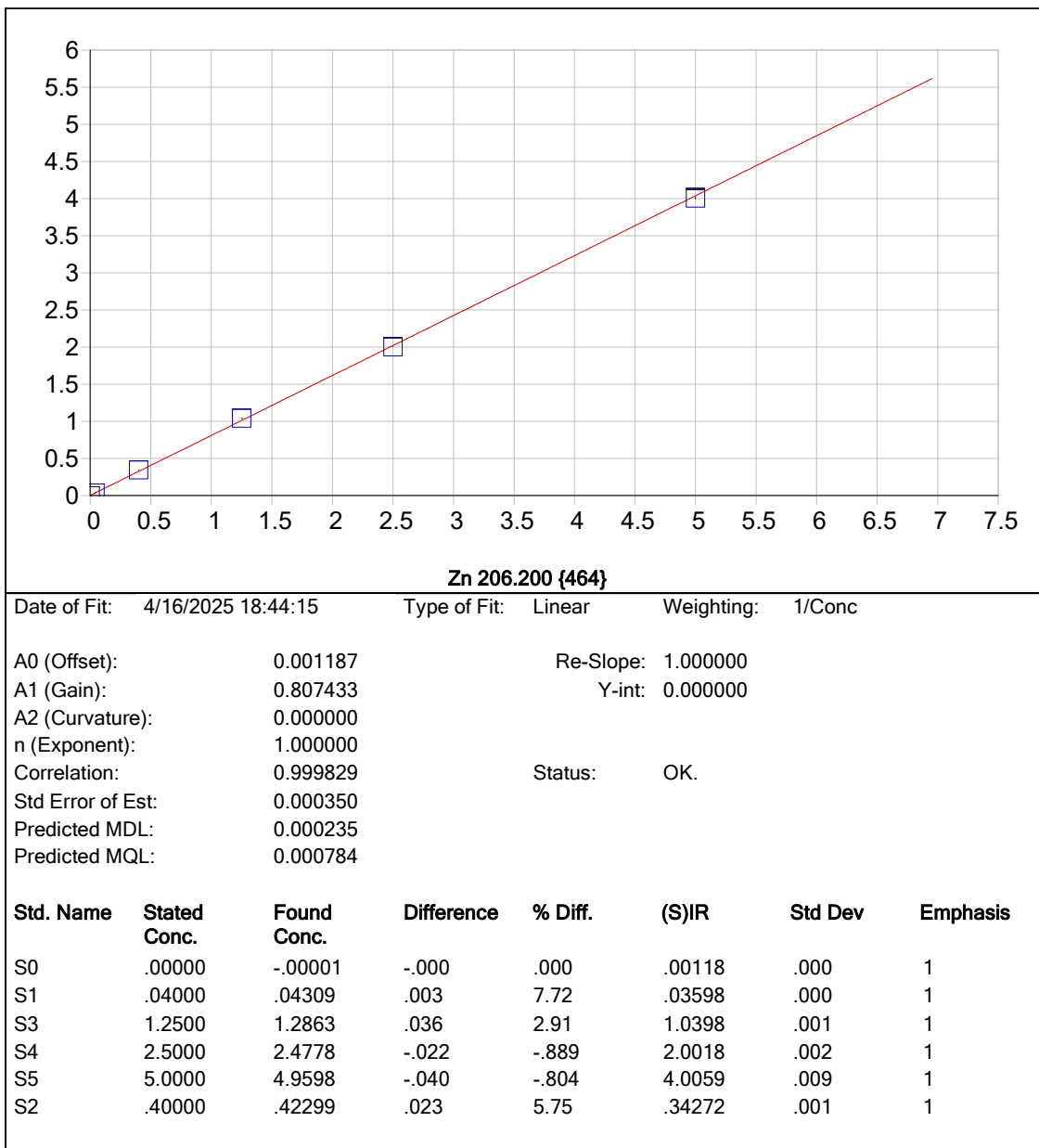
Date of Fit: 4/16/2025 18:44:15 Type of Fit: Linear Weighting: 1/Conc

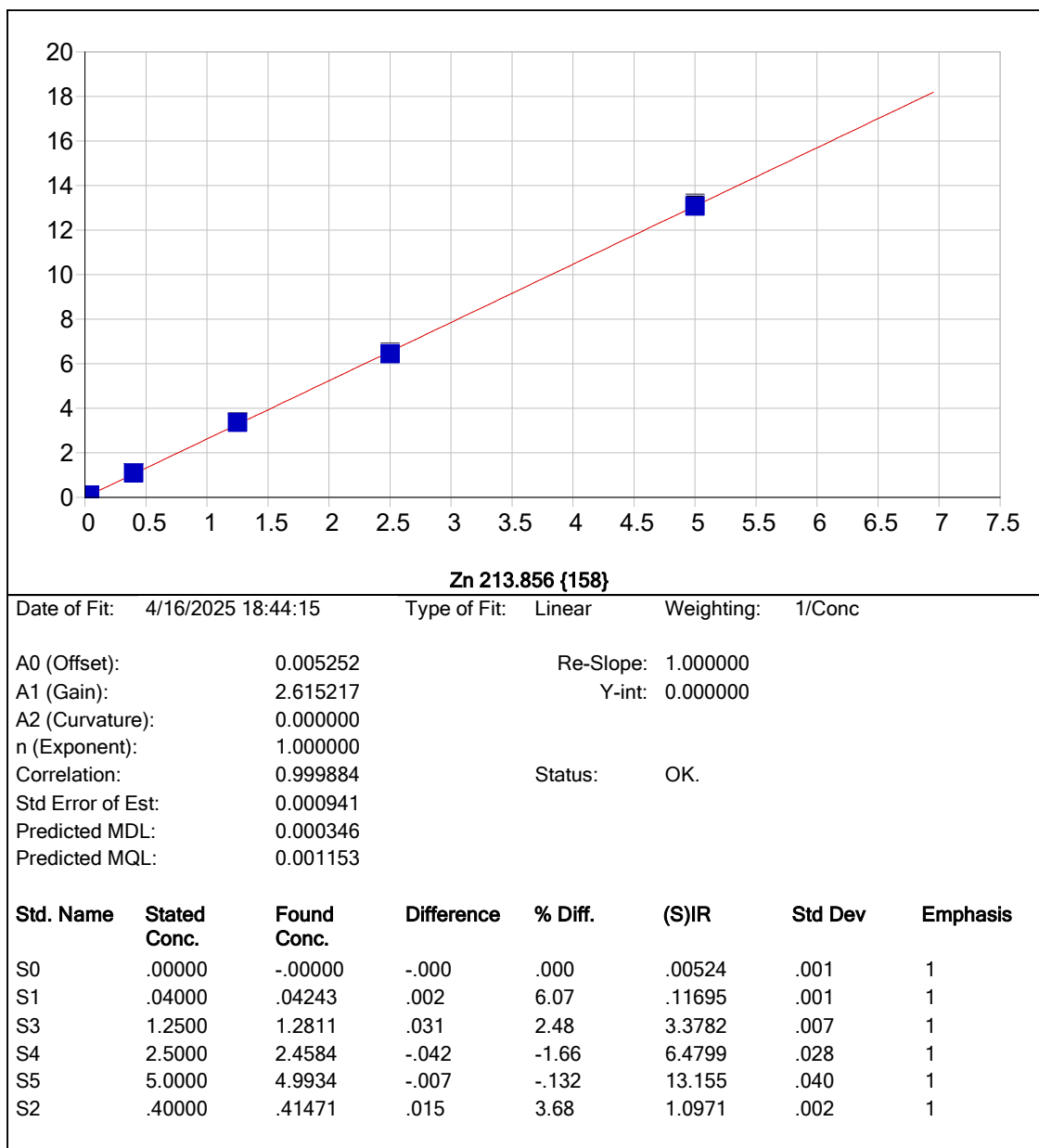
A0 (Offset): -0.001433 Re-Slope: 1.000000
A1 (Gain): 0.218049 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999909 Status: OK.
Std Error of Est: 0.000024
Predicted MDL: 0.000428
Predicted MQL: 0.001427

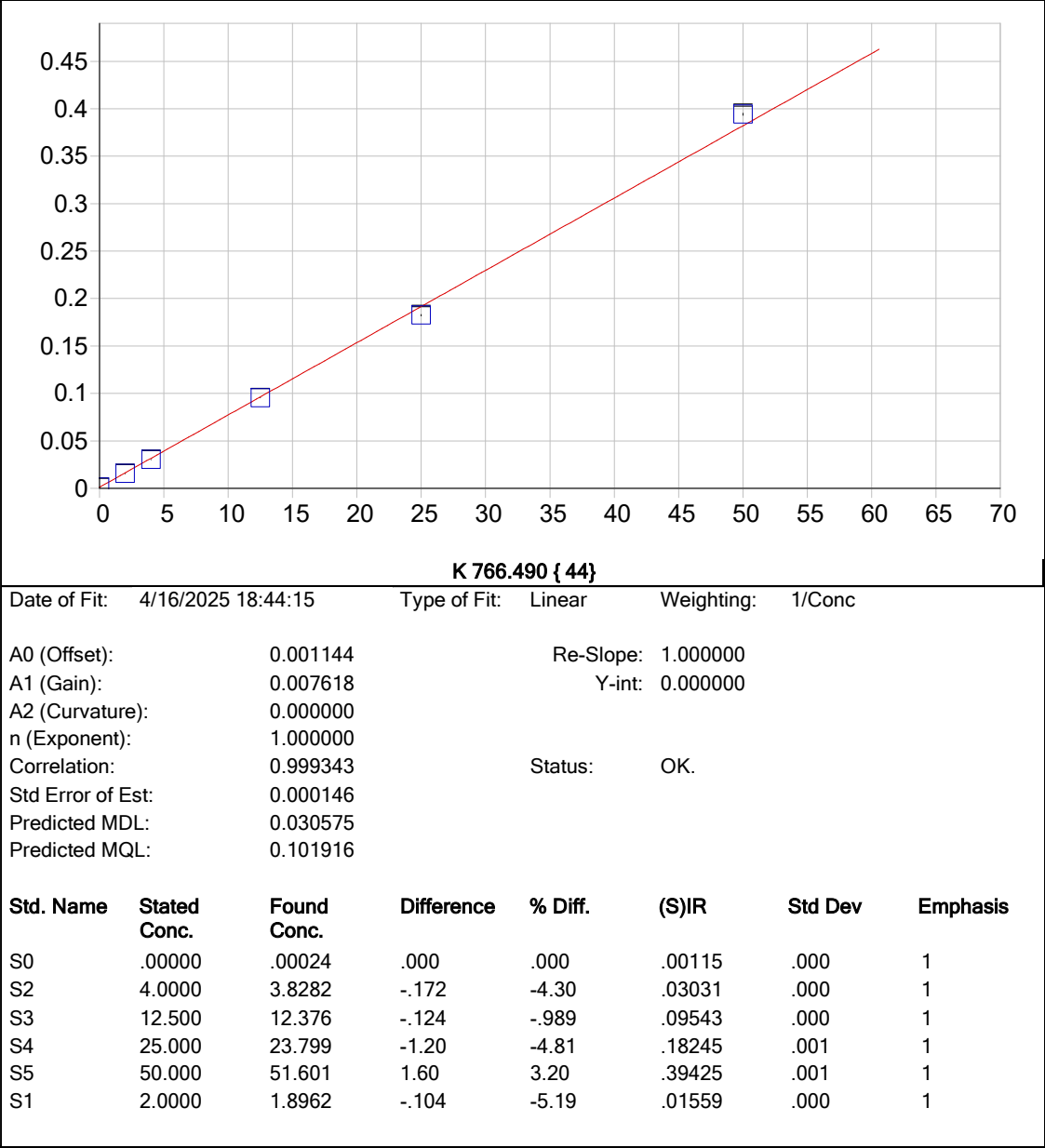
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00143	.000	1
S1	.01000	.01000	.000	.001	.00073	.000	1
S3	.62500	.63319	.008	1.31	.13609	.000	1
S4	1.2500	1.2255	-.024	-1.96	.26471	.000	1
S5	2.5000	2.5099	.010	.395	.54368	.001	1
S2	.20000	.20638	.006	3.19	.04340	.000	1

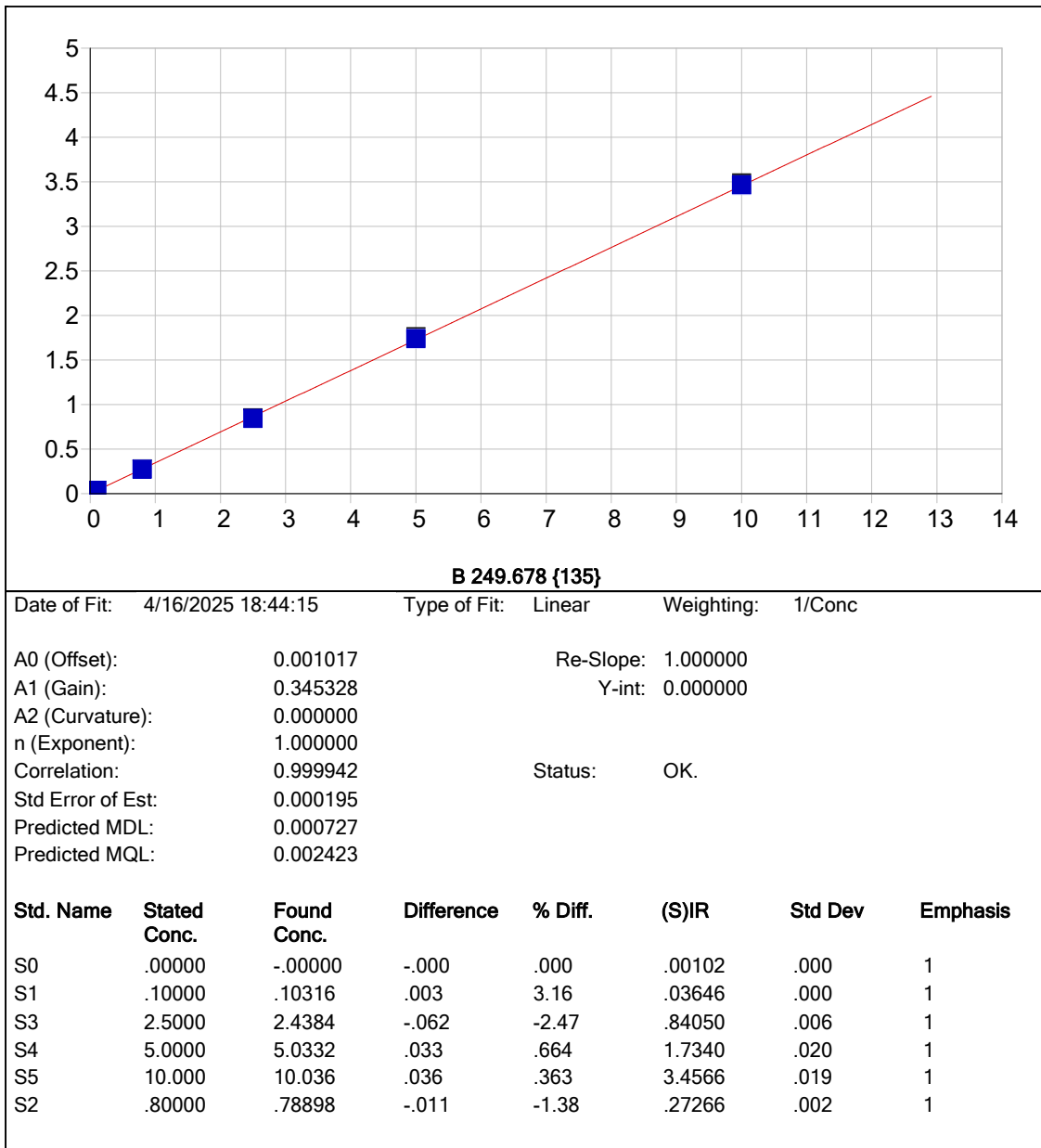


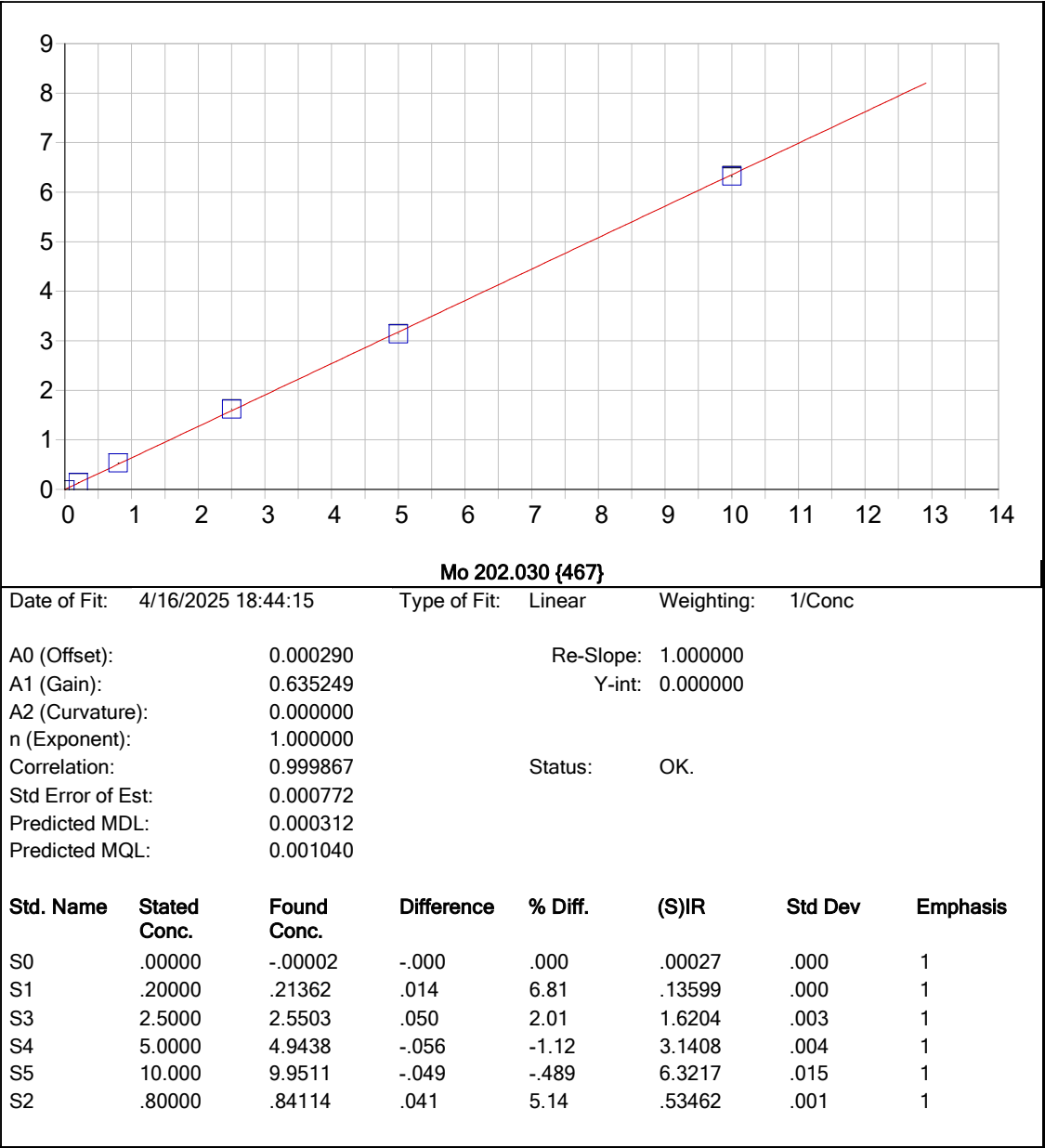


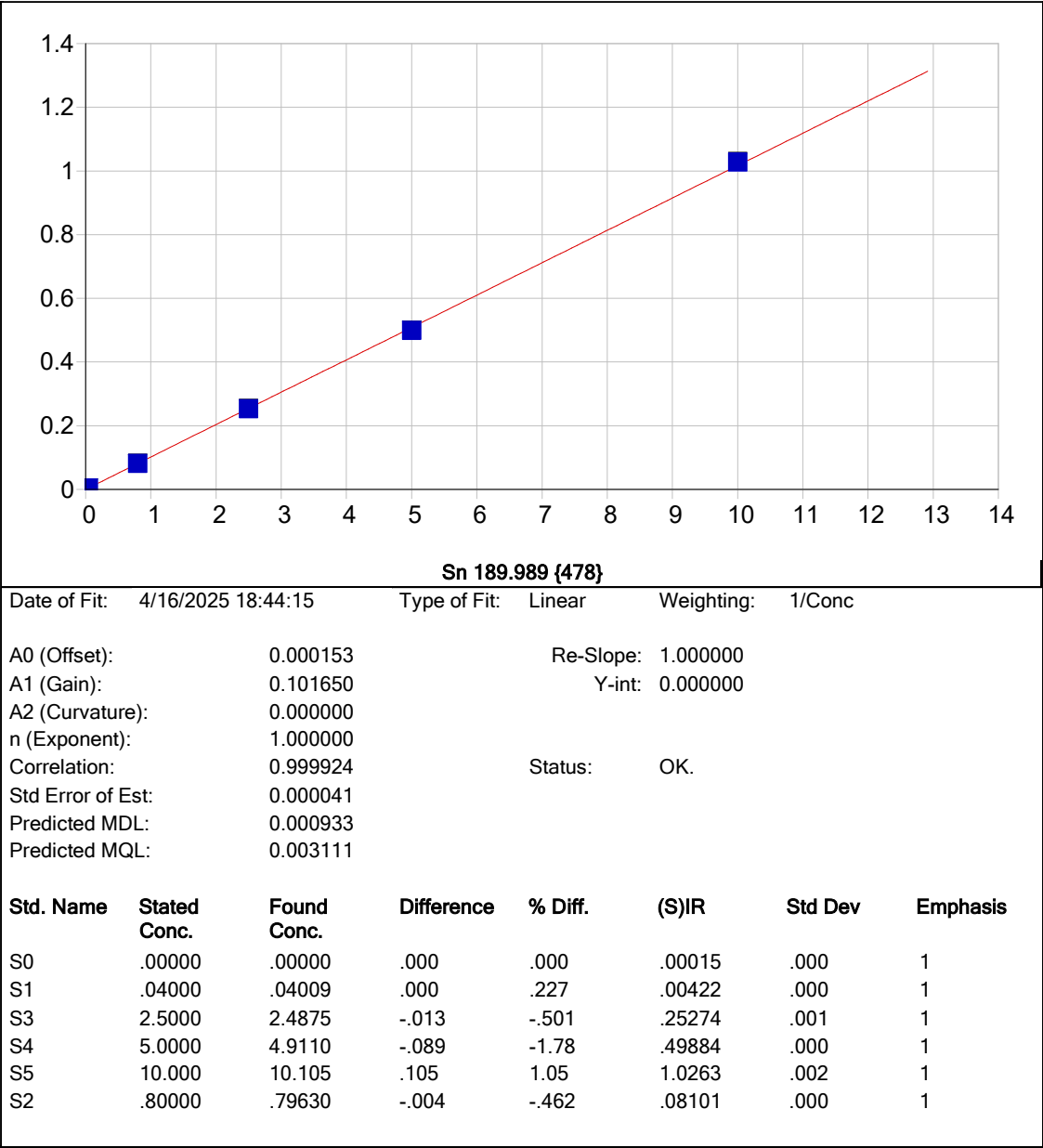


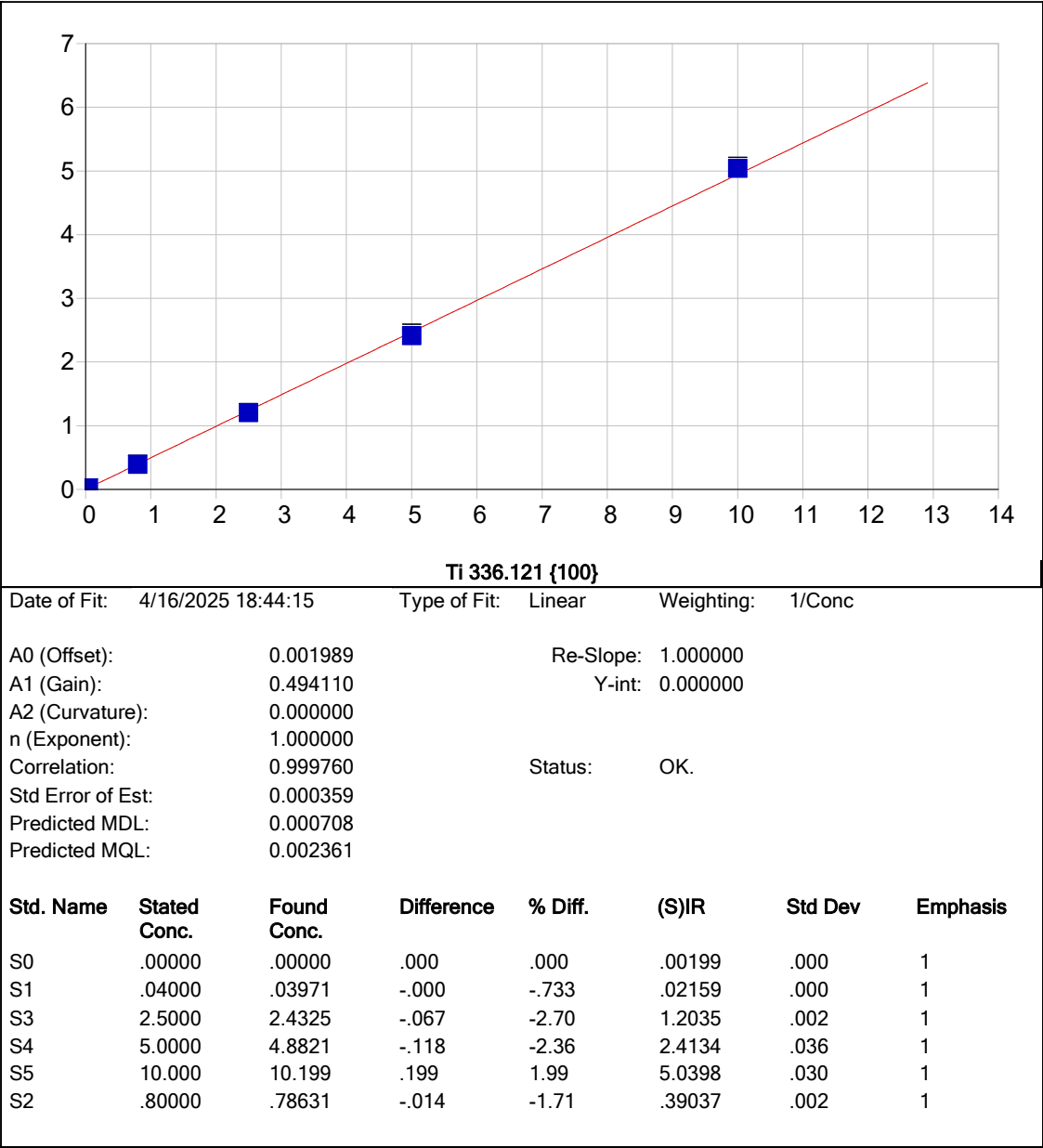


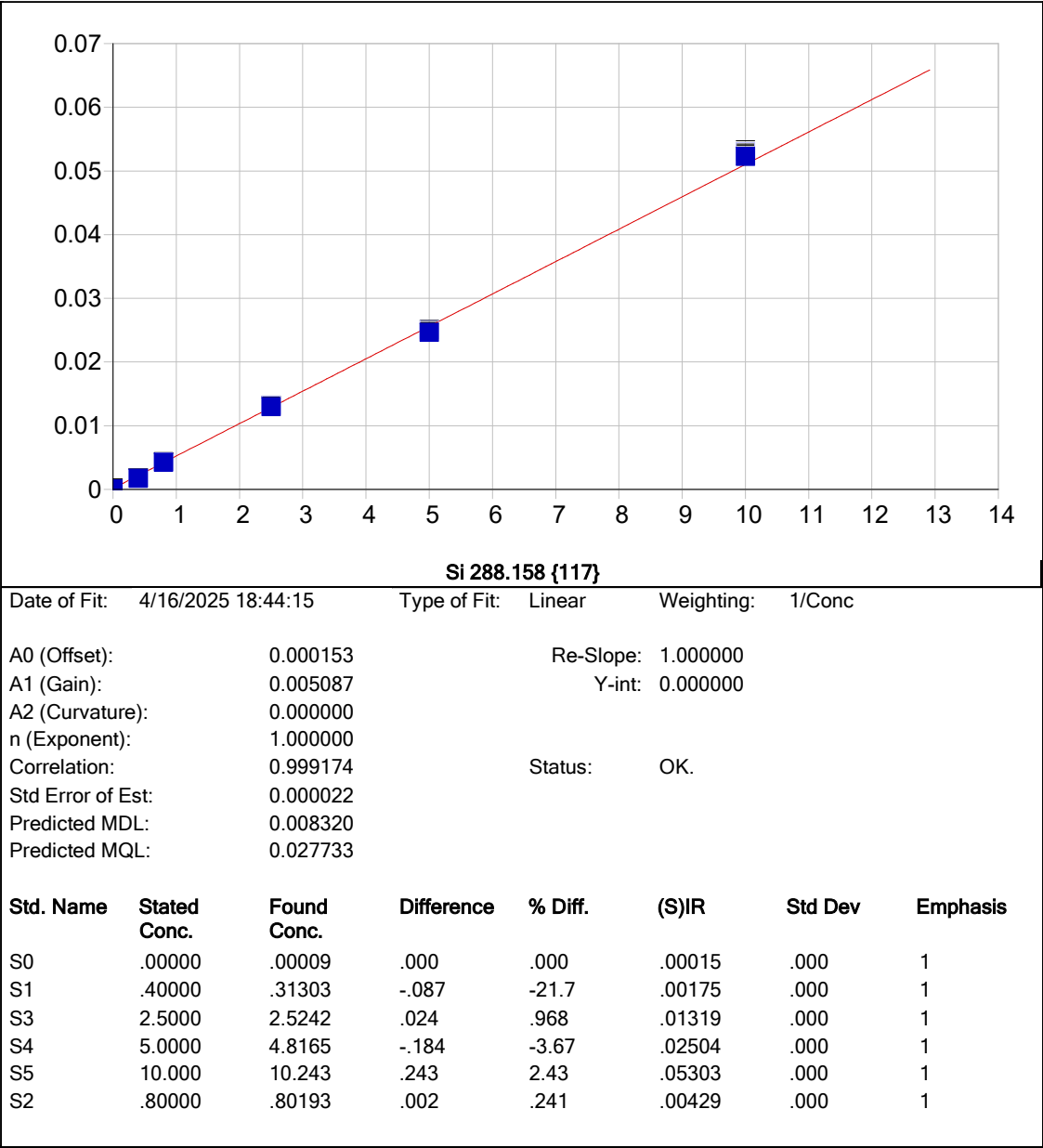


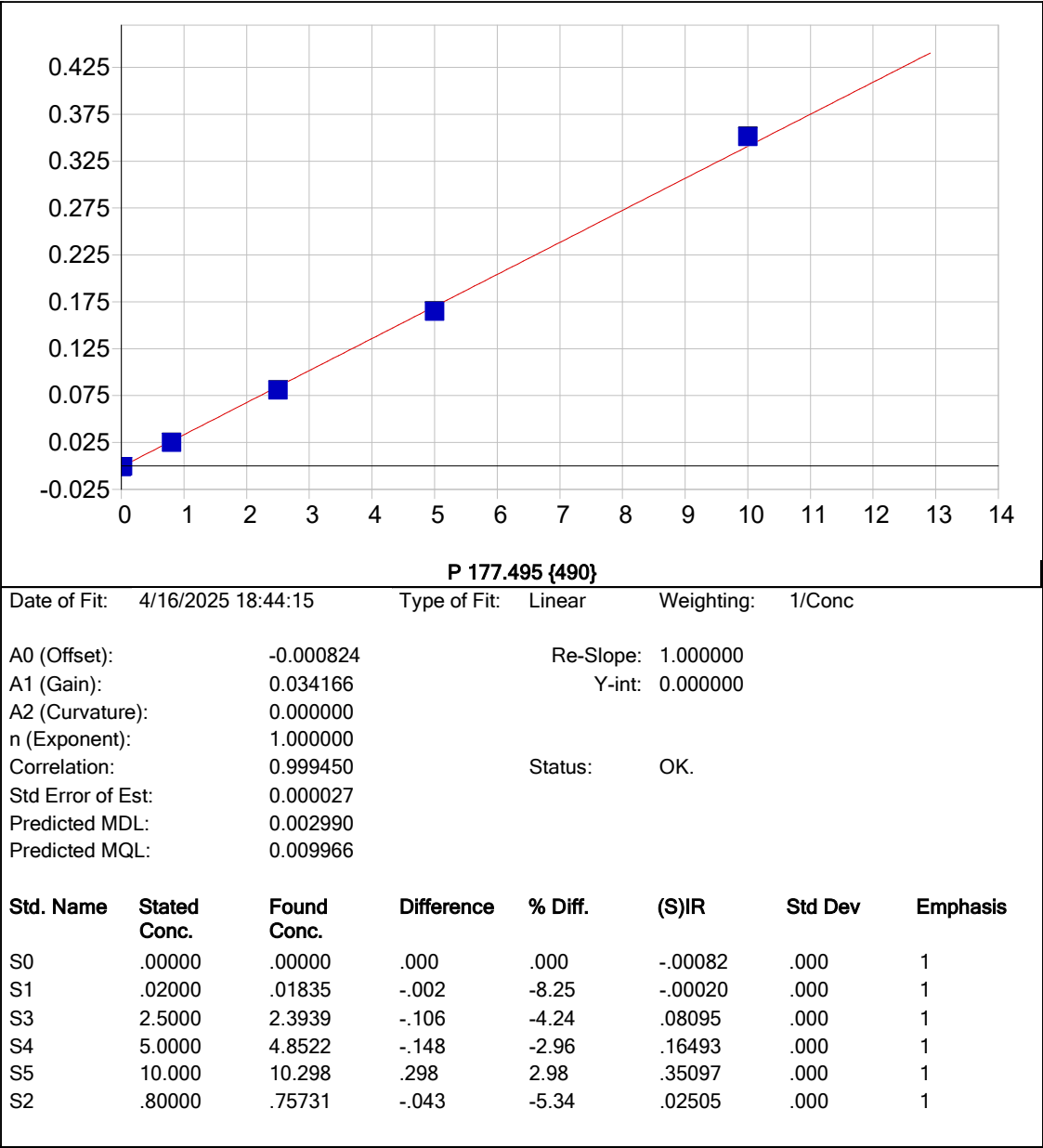


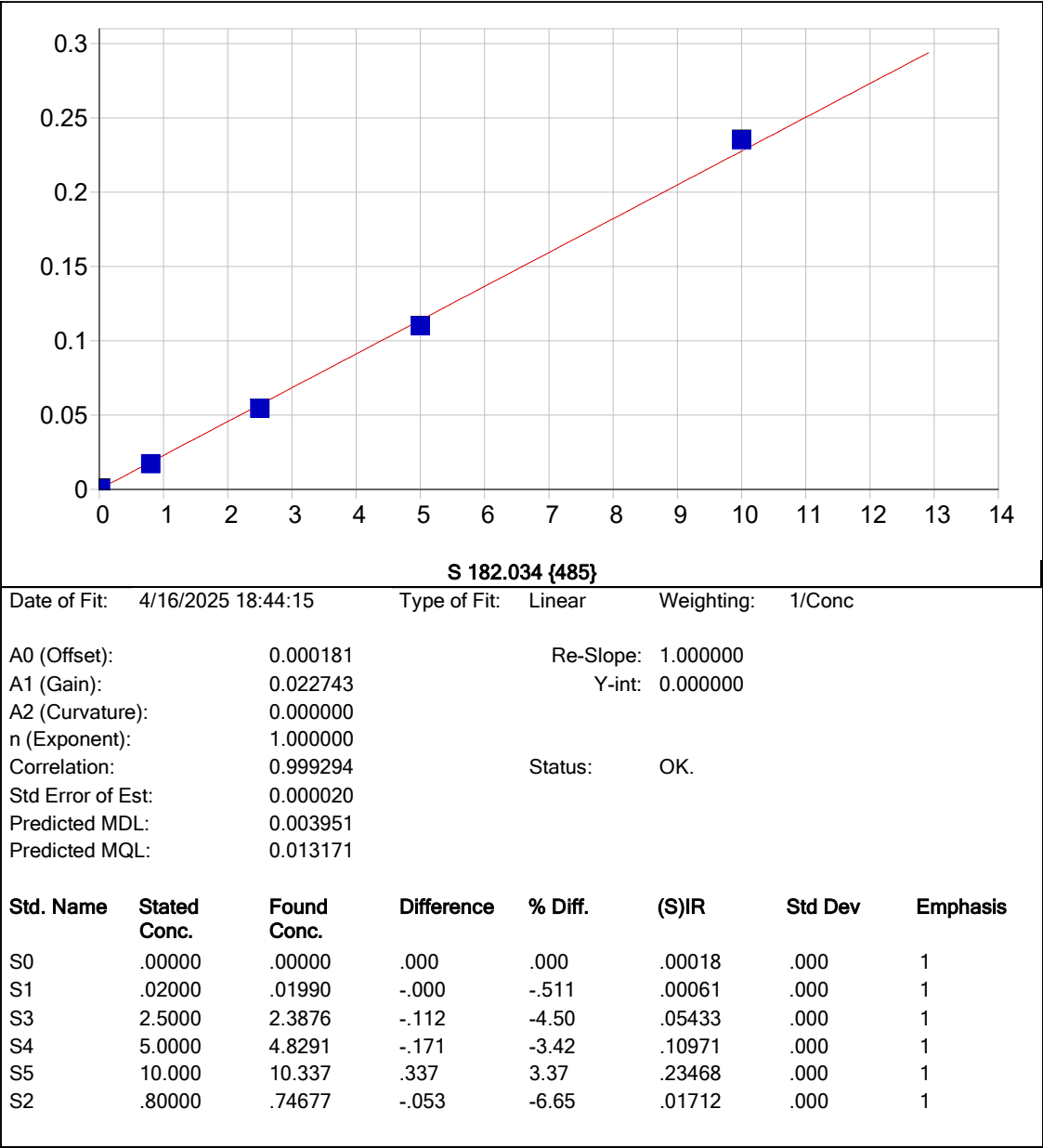


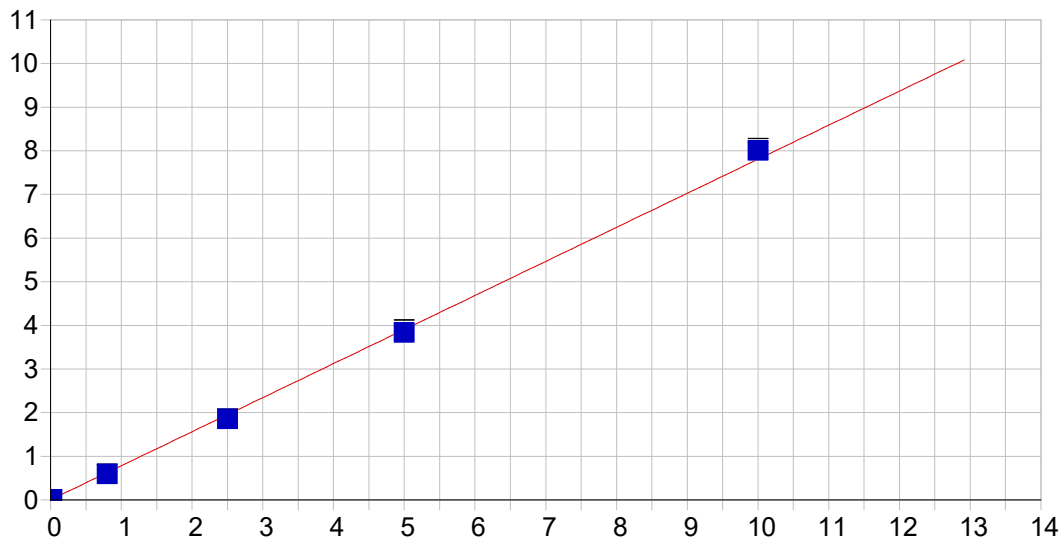










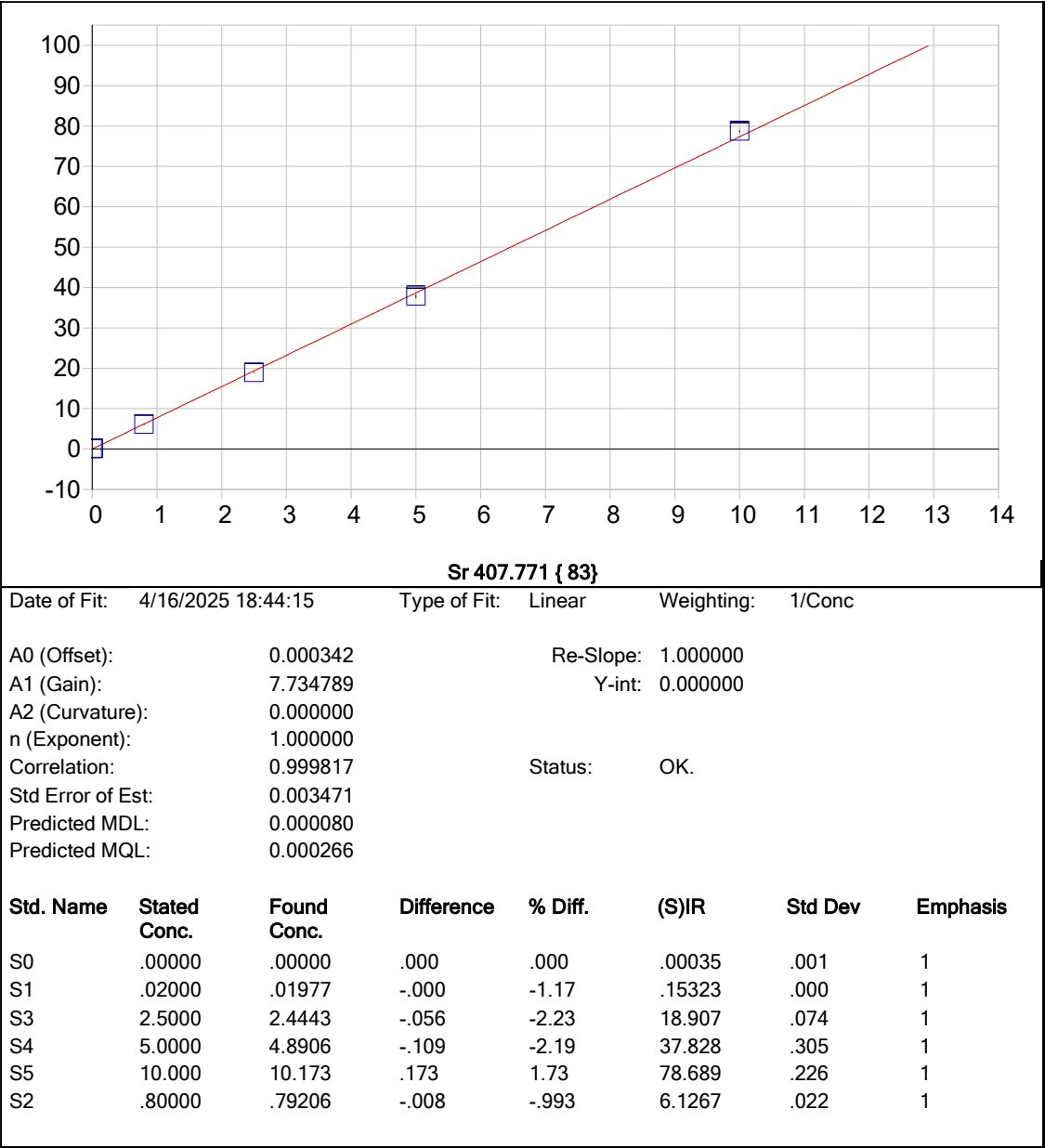


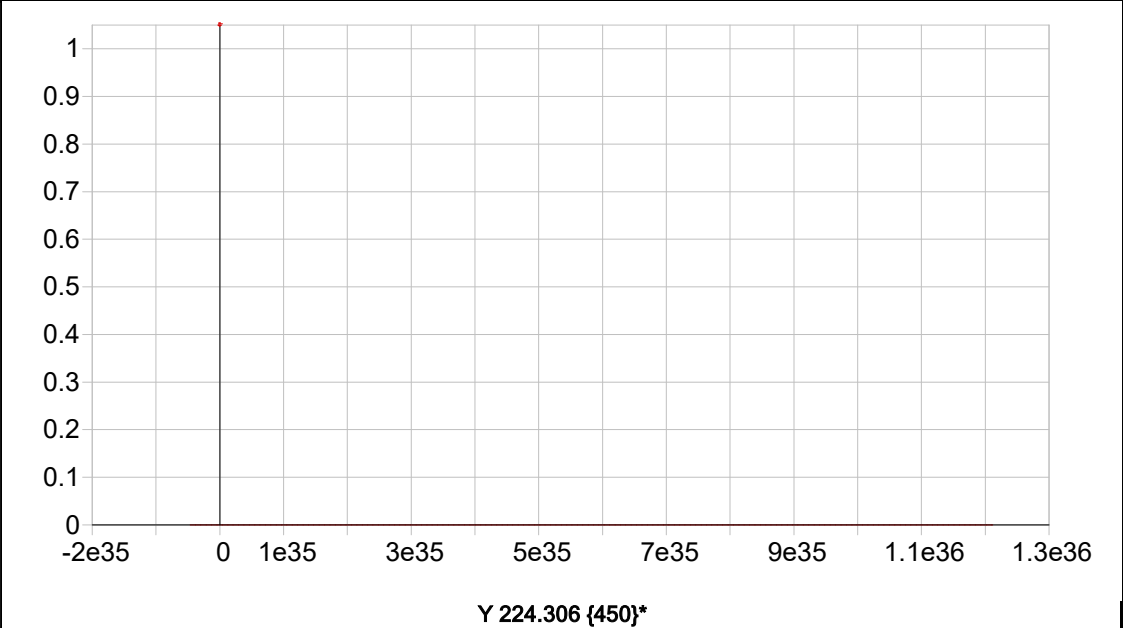
Li 670.784 { 50}

Date of Fit: 4/16/2025 18:44:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001484 Re-Slope: 1.000000
A1 (Gain): 0.780551 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999539 Status: OK.
Std Error of Est: 0.000556
Predicted MDL: 0.001232
Predicted MQL: 0.004106

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00149	.001	1
S5	10.000	10.257	.257	2.57	8.0114	.046	1
S4	5.0000	4.9127	-.087	-1.75	3.8380	.061	1
S3	2.5000	2.3772	-.123	-4.91	1.8580	.002	1
S1	.02000	.01756	-.002	-12.2	.01544	.001	1
S2	.80000	.75574	-.044	-5.53	.59169	.003	1





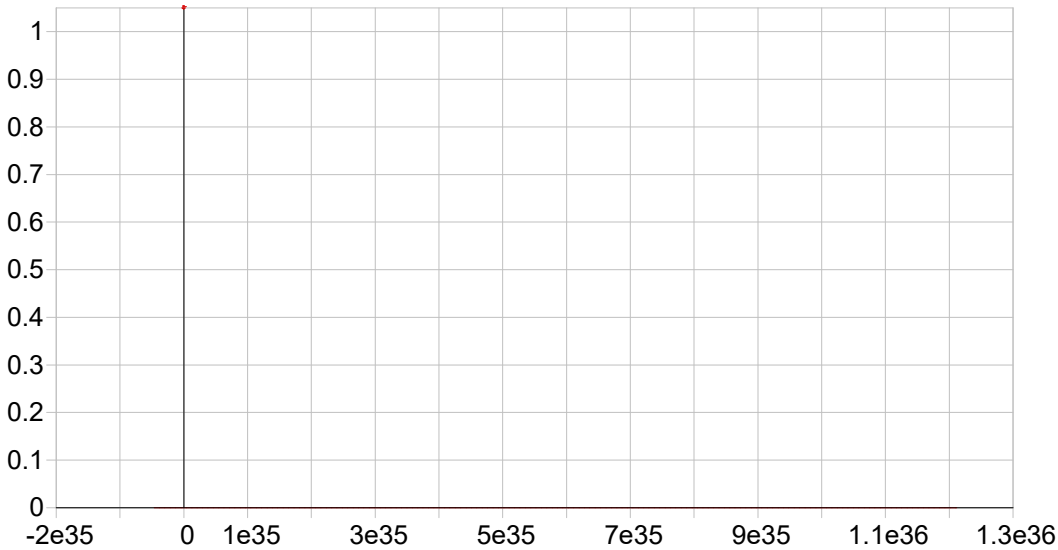
Date of Fit:	4/16/2025 18:44:15	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
							
Y 360.073 { 94}*							

Date of Fit: <not fit>		Type of Fit: Linear	Weighting: 1/Conc	
A0 (Offset):	0.000000	Re-Slope:	1.000000	
A1 (Gain):	0.000000	Y-int:	0.000000	

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						

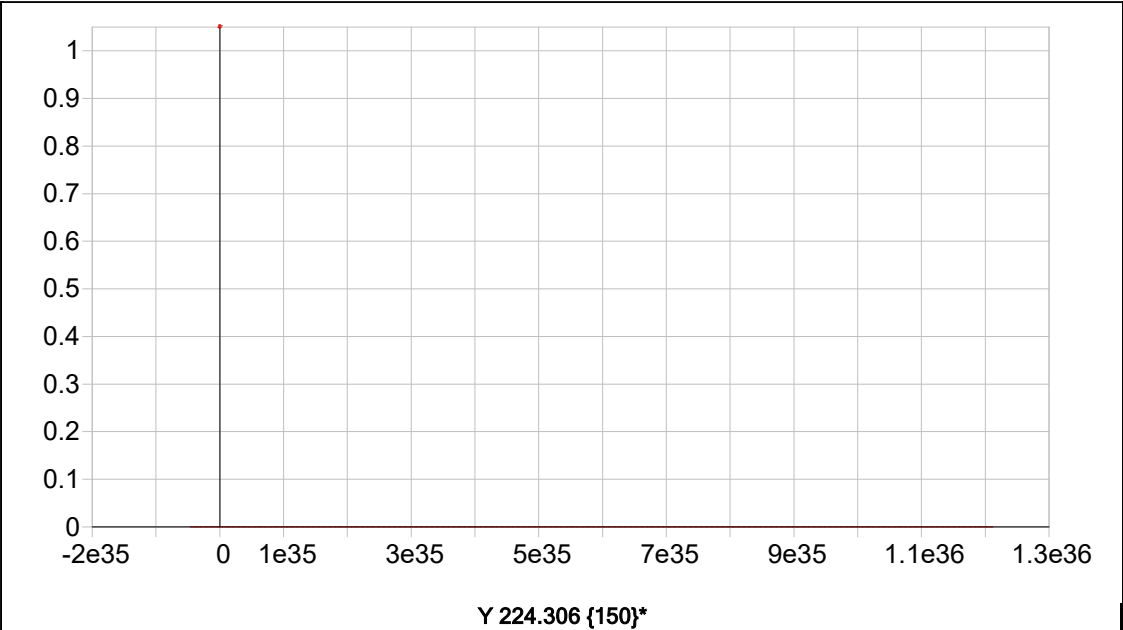
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Y 371.030 { 91}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc		
A0 (Offset):	0.000000			Re-Slope:	1.000000		
A1 (Gain):	0.000000			Y-int:	0.000000		
A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.000000		Status:	Warning	Zero Gain		
Std Error of Est:	0.000000						
Predicted MDL:	n/a						
Predicted MQL:	n/a						

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

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
							
ln 230.606 {446}*							

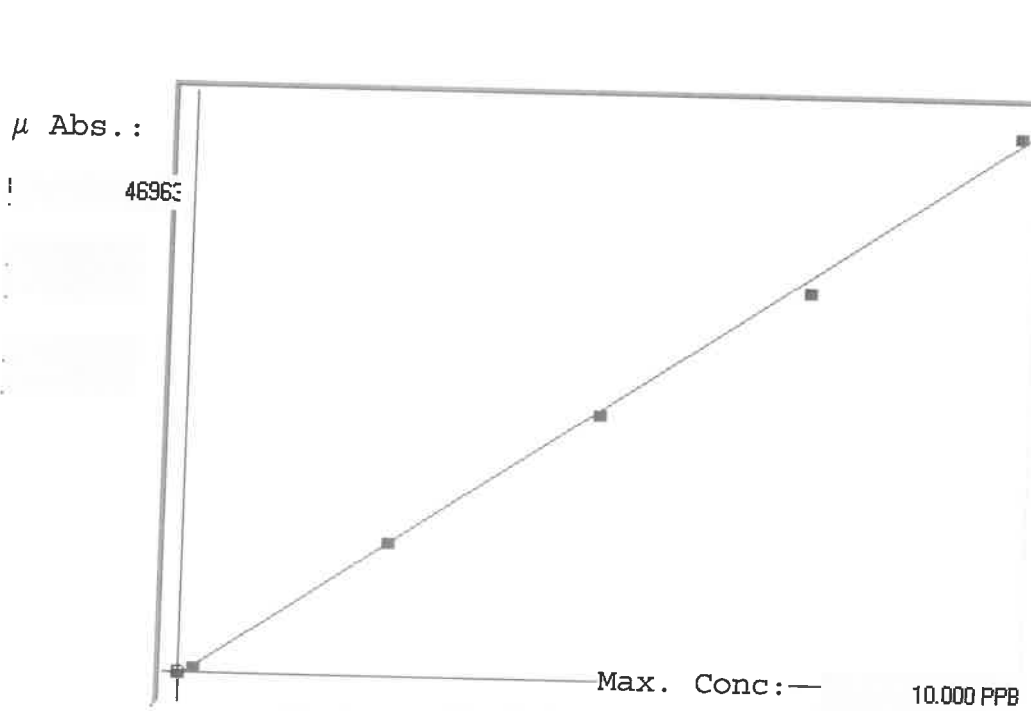
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000	Re-Slope:	1.000000		
A1 (Gain):	0.000000	Y-int:	0.000000		

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

LB135455

7470A

INSTRUMENT ID: CV1



Linear

A= 0.0000e+000

B= 2.1519e-004

C= 7.3805e-002

Rho= 0.9994065

Accept=Accepted

Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	g/b
0.0	0.000	0.054	0.054	-93	0.000	-93	0				1
0.2	0.200	0.201	0.001	591	0.0 %	591					2
2.5	2.500	2.548	0.048	11500	0.0 %	11500					2
5.0	5.000	4.957	-0.043	22694	0.0 %	22694					1
7.5	7.500	7.260	-0.240	33395	0.0 %	33395					3
10.0	10.000	10.180	0.180	46963	0.0 %	46963					2

LB135455 INSTRUMENT ID : CV1

Method: 7470A

Operator: Admin

Date of Analysis: 16 Apr 2025 12:44:03

Sample ID	Extended ID	μ Abs.	Conc.	Std Conc	Method	Units	Date	Type	Type
0.0 - 1	SD	-93	-	0.0000	7470A	PPB	16 Apr 2025 12:56:16	S	Std
0.2 - 1	SD-2	591	-	0.2000	7470A	PPB	16 Apr 2025 12:58:32	S	Std
2.5 - 1	SD-5	11500	-	2.5000	7470A	PPB	16 Apr 2025 13:00:49	S	Std
5.0 - 1	SD	22694	-	5.0000	7470A	PPB	16 Apr 2025 13:03:07	S	Std
7.5 - 1	SD	33395	-	7.5000	7470A	PPB	16 Apr 2025 13:05:24	S	Std
10.0 - 1	SD	46963	-	10.0000	7470A	PPB	16 Apr 2025 13:10:26	S	Std
ICV90 - 1	ICV90	18507	4.0563	-	7470A	PPB	16 Apr 2025 13:13:18	U	SMPL
ICB90 - 1	ICB90	-194	0.0321	-	7470A	PPB	16 Apr 2025 13:15:33	U	SMPL
CCV79 - 1	CCV79	22863	4.9936	-	7470A	PPB	16 Apr 2025 13:17:50	U	SMPL
CCB79 - 1	CCB79	-232	0.0239	-	7470A	PPB	16 Apr 2025 13:20:05	U	SMPL
CRA - 1	CRA	565	0.1954	-	7470A	PPB	16 Apr 2025 13:22:22	U	SMPL
HighStd - 1	HighStd	46353	10.0483	-	7470A	PPB	16 Apr 2025 13:22:22	U	SMPL
ChkStd - 1	ChkStd	28640	6.2367	-	7470A	PPB	16 Apr 2025 13:24:37	U	SMPL
PB167607BL - 1	PBW	-331	0.0026	-	7470A	PPB	16 Apr 2025 13:26:52	U	SMPL
PB167607BS - 1	LCSW	18684	4.0943	-	7470A	PPB	16 Apr 2025 13:29:11	U	SMPL
Q1787-12 - 1	TP-1	-288	0.0118	-	7470A	PPB	16 Apr 2025 13:36:57	U	SMPL
Q1788-04 - 1	WC-1	-52	0.0626	-	7470A	PPB	16 Apr 2025 13:39:13	U	SMPL
Q1800-03 - 1	WC-A4-01-C	-13	0.0710	-	7470A	PPB	16 Apr 2025 13:41:32	U	SMPL
Q1803-01 - 1	WEST-BAY	-40	0.0652	-	7470A	PPB	16 Apr 2025 13:43:49	U	SMPL
Q1803-02 - 1	FUEL-MONITORING	0	0.0738	-	7470A	PPB	16 Apr 2025 13:46:07	U	SMPL
CCV80 - 1	CCV80	23255	5.0780	-	7470A	PPB	16 Apr 2025 13:48:22	U	SMPL
CCB80 - 1	CCB80	-191	0.0327	-	7470A	PPB	16 Apr 2025 13:50:37	U	SMPL
Q1808-02 - 1	OILY-SOIL-PILE	26	0.0794	-	7470A	PPB	16 Apr 2025 13:52:52	U	SMPL
Q1808-04 - 1	LAW-25-0060	29	0.0800	-	7470A	PPB	16 Apr 2025 13:55:09	U	SMPL
Q1808-04DUP - 1	LAW-25-0060DUP	11	0.0762	-	7470A	PPB	16 Apr 2025 13:57:24	U	SMPL
Q1808-04MS - 1	LAW-25-0060MS	17895	3.9246	-	7470A	PPB	16 Apr 2025 13:59:40	U	SMPL
Q1808-04MSD - 1	LAW-25-0060MSD	18297	4.0111	-	7470A	PPB	16 Apr 2025 14:06:52	U	SMPL
PB167587TB - 1	PB167587TB	-180	0.0351	-	7470A	PPB	16 Apr 2025 14:09:08	U	SMPL
Q1808-04LX5 - 1		95	0.0942	-	7470A	PPB	16 Apr 2025 14:11:26	U	SMPL
Q1808-04A - 1		19246	4.2153	-	7470A	PPB	16 Apr 2025 14:13:43	U	SMPL
CCV81 - 1	CCV81	24404	5.3252	-	7470A	PPB	16 Apr 2025 14:16:00	U	SMPL
CCB81 - 1	CCB81	-238	0.0226	-	7470A	PPB	16 Apr 2025 14:18:17	U	SMPL
				-	7470A	PPB	16 Apr 2025 14:20:34	U	SMPL

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pipette ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

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

Start Digest Date: 04/15/2025 Time : 12:30 Temp : 96 °C

End Digest Date: 04/15/2025 Time : 15:35 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: *Slas*

Supervisor Signature: *Slas*

Temp : 1. 96°C 2. N/A

Standardized Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6005
LFS-2	0.25	M6012
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Conc. HNO ₃	3.00	M6158
1:1 HCL	5.00	MP85156
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK # 1 CELL 50 Temp :96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
04/15/25 16:35	<i>Slas.metal.dig</i>	<i>Slas.metal.dig</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB167587TB	PB167587TB	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	17
PB167605BL	PBW605	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	18
PB167605BS	LCS605	<2	5	25	Colorless	Colorless	Clear	Clear	M6005,M6012	19
Q1787-12	TP-1	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	20
Q1788-04	WC-1	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	21
Q1800-03	WC-A4-01-C	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	22
Q1803-01	WEST-BAY	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	23
Q1803-02	FUEL-MONITORING	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	24
Q1808-02	OILY-SOIL-PILE	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	25
Q1808-04	LAW-25-0060	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	26
Q1808-04MS	LAW-25-0060MS	<2	5	25	Colorless	Colorless	Clear	Clear	M6005,M6012	28
Q1808-04MSD	LAW-25-0060MSD	<2	5	25	Colorless	Colorless	Clear	Clear	M6005,M6012	29
Q1808-04DUP	LAW-25-0060DUP	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	27

TCLP EXTRACTION LOGPAGE

PB167587

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB167587TB	LEB587	08	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-1
Q1787-12	TP-1	01	100.02	2000	N/A	N/A	N/A	8.2	1.5	T-1
Q1788-04	WC-1	02	100.03	2000	N/A	N/A	N/A	8.0	1.0	T-1
Q1800-03	WC-A4-01-C	03	100.02	2000	N/A	N/A	N/A	12.0	1.5	T-1
Q1803-01	WEST-BAY	04	100.03	2000	N/A	N/A	N/A	6.2	1.0	T-1
Q1803-02	FUEL-MONITORING	05	100.04	2000	N/A	N/A	N/A	6.0	1.5	T-1
Q1808-02	OILY-SOIL-PILE	06	100.03	2000	N/A	N/A	N/A	7.2	1.0	T-1
Q1808-04	LAW-25-0060	07	100.02	2000	N/A	N/A	N/A	6.0	1.5	T-1

SOP ID :	M7470A-Mercury-19		
SDG No :	NA	Start Digest Date:	04/16/2025 Time : 09:25 Temp : 94 °C
Matrix :	WATER	End Digest Date:	04/16/2025 Time : 11:25 Temp : 95 °C
Pipette ID:	HG A	Digestion tube ID:	M5595
Balance ID :	N/A	Block thermometer ID:	HG-DIG#3
Filter paper ID :	NA	Dig Technician Signature:	<i>MB</i>
pH Strip ID :	M6069	Supervisor Signature:	<i>12</i>
Hood ID :	#1	Temp :	1. 94°C 2. N/A
Block ID:	1. HG HOT BLOCK#3 2. N/A		

Standardized Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP85251
CCV	30mL	MP85253
CRA	30mL	MP85255
Blank Spike	0.48mL	MP85244
Matrix Spike	0.48mL	MP85244

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.5mL	MP85240
KMnO4 (5%)	4.5mL	MP85241
K2S2O8 (5%)	2.5mL	MP85242
Hydroxylamine HCL (12%)	2.0mL	MP85243
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP85245
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP85246
2.5 ppb	S2.5	30mL	MP85247
5.0 ppb	S5.0	30mL	MP85248
7.5 ppb	S7.5	30mL	MP85249
10.0 ppb	S10.0	30mL	MP85250
ICV	ICV	30mL	MP85251
ICB	ICB	30mL	MP85252
CCV	CCV	30mL	MP85253
CCB	CCB	30mL	MP85254
CRI	CRI	30mL	MP85255
CHK STD	CHK STD	30mL	MP85562

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
4/16/25 / 11:30	<i>MB - Dig. Lab</i>	<i>MB - Metal Lab</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB167587TB	PB167587TB	3	30	<2	N/A	3-1
PB167607BL	PBW607	30	30	<2	N/A	2
PB167607BS	LCS607	30	30	<2	MP85244	3
Q1787-12	TP-1	3	30	<2	N/A	4
Q1788-04	WC-1	3	30	<2	N/A	5
Q1800-03	WC-A4-01-C	3	30	<2	N/A	6
Q1803-01	WEST-BAY	3	30	<2	N/A	7
Q1803-02	FUEL-MONITORING	3	30	<2	N/A	8
Q1808-02	OILY-SOIL-PILE	3	30	<2	N/A	9
Q1808-04	LAW-25-0060	3	30	<2	N/A	10
Q1808-04DUP	LAW-25-0060DUP	3	30	<2	N/A	11
Q1808-04MS	LAW-25-0060MS	3	30	<2	MP85244	12
Q1808-04MSD	LAW-25-0060MSD	3	30	<2	MP85244	13

SOP ID : M1311-TCLP-15
SDG No : N/A
Weigh By : JP
Balance ID : WC SC-7
pH Meter ID : WC PH METER-1
Extraction By : JP
Filter By : JP
Pippete ID : WC
Tumbler ID : T-1
TCLP Filter ID : 115525

Start Prep Date : 04/14/2025 Time : 16:00
End Prep Date : 04/15/2025 Time : 10:25
Combination Ratio : 20
ZHE Cleaning Batch : N/A
Initial Room Temperature : 23 °C
Final Room Temperature : 22 °C
TCLP Technician Signature : *SB*
Supervisor By : *12*

Standard Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP110802
HCL-TCLP,1N	N/A	WP110803
HNO3-TCLP,1N	N/A	WP110804
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	W1941,W1942	W3166,W1938,W1939,W1940,
1 Liter Amber	N/A	90424-08
120ml Plastic bottle	N/A	405130101
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. TUMBLER T-1 checked, 30 rpm. Particle size reduction is not required. Q1808-04 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
04/15/25 11:50	<i>SB</i> Preparation Group	<i>SPS.</i> <i>RJ</i> / <i>EXT</i> Analysis Group

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB135455

Review By	mohan	Review On	4/17/2025 4:45:45 PM
Supervise By	jaswal	Supervise On	4/17/2025 11:13:14 PM

STD. NAME	STD REF.#
ICAL Standard	MP85245,MP85246,MP85247,MP85248,MP85249,MP85250
ICV Standard	MP85251
CCV Standard	MP85253
ICSA Standard	
CRI Standard	MP85255
LCS Standard	
Chk Standard	MP85252,MP85254,MP85256,MP85258

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	04/16/25 12:56		mohan	OK
2	S0.2	S0.2	CAL2	04/16/25 12:58		mohan	OK
3	S2.5	S2.5	CAL3	04/16/25 13:00		mohan	OK
4	S5	S5	CAL4	04/16/25 13:03		mohan	OK
5	S7.5	S7.5	CAL5	04/16/25 13:05		mohan	OK
6	S10	S10	CAL6	04/16/25 13:10		mohan	OK
7	ICV90	ICV90	ICV	04/16/25 13:13		mohan	OK
8	ICB90	ICB90	ICB	04/16/25 13:15		mohan	OK
9	CCV79	CCV79	CCV	04/16/25 13:17		mohan	OK
10	CCB79	CCB79	CCB	04/16/25 13:20		mohan	OK
11	CRA	CRA	CRDL	04/16/25 13:22		mohan	OK
12	HighStd	HighStd	HIGH STD	04/16/25 13:24		mohan	OK
13	ChkStd	ChkStd	SAM	04/16/25 13:26		mohan	OK
14	PB167607BL	PB167607BL	MB	04/16/25 13:29		mohan	OK
15	PB167607BS	PB167607BS	LCS	04/16/25 13:36		mohan	OK
16	Q1787-12	TP-1	SAM	04/16/25 13:39		mohan	OK
17	Q1788-04	WC-1	SAM	04/16/25 13:41		mohan	OK
18	Q1800-03	WC-A4-01-C	SAM	04/16/25 13:43		mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB135455

Review By	mohan	Review On	4/17/2025 4:45:45 PM
Supervise By	jaswal	Supervise On	4/17/2025 11:13:14 PM

STD. NAME	STD REF.#
ICAL Standard	MP85245,MP85246,MP85247,MP85248,MP85249,MP85250
ICV Standard	MP85251
CCV Standard	MP85253
ICSA Standard	
CRI Standard	MP85255
LCS Standard	
Chk Standard	MP85252,MP85254,MP85256,MP85258

19	Q1803-01	WEST-BAY	SAM	04/16/25 13:46		mohan	OK
20	Q1803-02	FUEL-MONITORING	SAM	04/16/25 13:48		mohan	OK
21	CCV80	CCV80	CCV	04/16/25 13:50		mohan	OK
22	CCB80	CCB80	CCB	04/16/25 13:52		mohan	OK
23	Q1808-02	OILY-SOIL-PILE	SAM	04/16/25 13:55		mohan	OK
24	Q1808-04	LAW-25-0060	SAM	04/16/25 13:57		mohan	OK
25	Q1808-04DUP	LAW-25-0060DUP	DUP	04/16/25 13:59		mohan	OK
26	Q1808-04MS	LAW-25-0060MS	MS	04/16/25 14:06		mohan	OK
27	Q1808-04MSD	LAW-25-0060MSD	MSD	04/16/25 14:09		mohan	OK
28	PB167587TB	PB167587TB	MB	04/16/25 14:11		mohan	OK
29	Q1808-04L	LAW-25-0060L	SD	04/16/25 14:13		mohan	OK
30	Q1808-04A	LAW-25-0060A	PS	04/16/25 14:16		mohan	OK
31	CCV81	CCV81	CCV	04/16/25 14:18		mohan	OK
32	CCB81	CCB81	CCB	04/16/25 14:20		mohan	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135463

Review By	jaswal	Review On	4/18/2025 11:44:26 AM
Supervise By	Janvi	Supervise On	4/18/2025 12:06:47 PM

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

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	04/16/25 12:39		Kareem	OK
2	S1	S1	CAL2	04/16/25 12:44		Kareem	OK
3	S2	S2	CAL3	04/16/25 12:48		Kareem	OK
4	S3	S3	CAL4	04/16/25 12:52		Kareem	OK
5	S4	S4	CAL5	04/16/25 12:56		Kareem	OK
6	S5	S5	CAL6	04/16/25 13:01		Kareem	OK
7	ICV01	ICV01	ICV	04/16/25 13:09		Kareem	OK
8	LLICV1	LLICV1	LLICV	04/16/25 13:37		Kareem	OK
9	ICB01	ICB01	ICB	04/16/25 13:42		Kareem	OK
10	CRI	CRI	CRDL	04/16/25 13:46		Kareem	OK
11	ICSA01	ICSA01	ICSA	04/16/25 13:51		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	04/16/25 13:55		Kareem	OK
13	ICSADL	ICSADL	ICSA	04/16/25 13:59		Kareem	OK
14	ICSABDL	ICSABDL	ICSAB	04/16/25 14:03		Kareem	OK
15	CCV01	CCV01	CCV	04/16/25 14:08		Kareem	OK
16	CCB01	CCB01	CCB	04/16/25 14:12		Kareem	OK
17	PB167600BL	PB167600BL	MB	04/16/25 14:38		Kareem	OK
18	PB167600BS	PB167600BS	LCS	04/16/25 14:42		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135463

Review By	jaswal	Review On	4/18/2025 11:44:26 AM
Supervise By	Janvi	Supervise On	4/18/2025 12:06:47 PM

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

19	Q1806-01	OR-03-041425	SAM	04/16/25 14:46		Kareem	OK
20	Q1807-01	OK-02-041425	SAM	04/16/25 14:50		Kareem	OK
21	Q1807-01L	OK-02-041425L	SD	04/16/25 14:58		Kareem	OK
22	Q1807-01ARE	OK-02-041425A	PS	04/16/25 15:10	Not Required	Kareem	Not Ok
23	Q1808-01	OILY-SOIL-PILE	SAM	04/16/25 15:14		Kareem	OK
24	CCV02	CCV02	CCV	04/16/25 15:18		Kareem	OK
25	CCB02	CCB02	CCB	04/16/25 15:23		Kareem	OK
26	Q1808-03	LAW-25-0060	SAM	04/16/25 15:27		Kareem	OK
27	Q1807-01MS	OK-02-041425MS	MS	04/16/25 15:31		Kareem	OK
28	Q1807-01MSD	OK-02-041425MSD	MSD	04/16/25 15:35		Kareem	OK
29	Q1807-01A	OK-02-041425A	PS	04/16/25 15:41	0.1ML EACH M6004,M6013-10ML SAMPLE	Kareem	OK
30	Q1807-01DUP	OK-02-041425DUP	DUP	04/16/25 15:45		Kareem	OK
31	PB167585BL	PB167585BL	MB	04/16/25 15:49		Kareem	OK
32	PB167585BS	PB167585BS	LCS	04/16/25 15:53		Kareem	OK
33	Q1787-12	TP-1	SAM	04/16/25 15:57		Kareem	OK
34	Q1788-04	WC-1	SAM	04/16/25 16:01		Kareem	OK
35	Q1800-03	WC-A4-01-C	SAM	04/16/25 16:06		Kareem	OK
36	CCV03	CCV03	CCV	04/16/25 16:10		Kareem	OK
37	CCB03	CCB03	CCB	04/16/25 16:14		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135463

Review By	jaswal	Review On	4/18/2025 11:44:26 AM
Supervise By	Janvi	Supervise On	4/18/2025 12:06:47 PM

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

38	Q1803-01	WEST-BAY	SAM	04/16/25 16:19		Kareem	OK
39	Q1803-02	FUEL-MONITORING	SAM	04/16/25 16:23		Kareem	OK
40	Q1808-02	OILY-SOIL-PILE	SAM	04/16/25 16:28		Kareem	OK
41	Q1808-04	LAW-25-0060	SAM	04/16/25 16:32		Kareem	OK
42	Q1808-04DUP	LAW-25-0060DUP	DUP	04/16/25 16:36		Kareem	OK
43	Q1808-04L	LAW-25-0060L	SD	04/16/25 16:41		Kareem	OK
44	Q1808-04MS	LAW-25-0060MS	MS	04/16/25 16:45		Kareem	OK
45	Q1808-04MSD	LAW-25-0060MSD	MSD	04/16/25 16:49		Kareem	OK
46	Q1808-04A	LAW-25-0060A	PS	04/16/25 16:54	0.1ML EACH M6004,M6013-10ML SAMPLE	Kareem	OK
47	PB167587TB	PB167587TB	MB	04/16/25 16:58		Kareem	OK
48	CCV04	CCV04	CCV	04/16/25 17:02		Kareem	OK
49	CCB04	CCB04	CCB	04/16/25 17:06		Kareem	OK
50	PB167605BL	PB167605BL	MB	04/16/25 17:11		Kareem	OK
51	PB167605BS	PB167605BS	LCS	04/16/25 17:15		Kareem	OK
52	Q1791-09	VB16193	SAM	04/16/25 17:19		Kareem	OK
53	Q1791-10	280722	SAM	04/16/25 17:24		Kareem	OK
54	Q1791-11	280791	SAM	04/16/25 17:28		Kareem	OK
55	Q1791-14	VB16164	SAM	04/16/25 17:37		Kareem	OK
56	Q1795-02	31125	SAM	04/16/25 17:41	Not on login page	Kareem	Not Ok

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135463

Review By	jaswal	Review On	4/18/2025 11:44:26 AM
Supervise By	Janvi	Supervise On	4/18/2025 12:06:47 PM

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

57	Q1795-03DL	10824-ADL	SAM	04/16/25 17:46	Not on login page	Kareem	Not Ok
58	Q1810-02	MOO-25-0118	SAM	04/16/25 17:50		Kareem	OK
59	CCV05	CCV05	CCV	04/16/25 17:55		Kareem	OK
60	CCB05	CCB05	CCB	04/16/25 17:59		Kareem	OK
61	Q1810-01DL	MOO-25-0117DL	SAM	04/16/25 18:03		Kareem	OK
62	Q1810-01DUPDL	MOO-25-0117DUPDL	DUP	04/16/25 18:08		Kareem	OK
63	Q1810-01LDL	MOO-25-0117LDL	SD	04/16/25 18:12		Kareem	OK
64	Q1810-01MSDL	MOO-25-0117MSDL	MS	04/16/25 18:16		Kareem	OK
65	Q1810-01MSDDL	MOO-25-0117MSDDL	MSD	04/16/25 18:21		Kareem	OK
66	Q1810-01ADL	MOO-25-0117ADL	PS	04/16/25 18:25		Kareem	OK
67	Q1791-12	V1207	SAM	04/16/25 18:30	Ag oversaturated	Kareem	Dilution
68	Q1810-01DL2	MOO-25-0117DL2	SAM	04/16/25 18:35	Not use	Kareem	Not Ok
69	Q1810-01DUPDL2	MOO-25-0117DUPDL	DUP	04/16/25 18:39	Not use	Kareem	Not Ok
70	Q1810-01LDL2	MOO-25-0117LDL2	SD	04/16/25 18:43	Not use	Kareem	Not Ok
71	CCV06	CCV06	CCV	04/16/25 18:48		Kareem	OK
72	CCB06	CCB06	CCB	04/16/25 18:52		Kareem	OK
73	Q1810-01MSDL2	MOO-25-0117MSDL2	MS	04/16/25 18:56	Not use	Kareem	Not Ok
74	Q1810-01MSDDL2	MOO-25-0117MSDDL	MSD	04/16/25 19:00	Not use	Kareem	Not Ok
75	Q1810-01ADL2	MOO-25-0117ADL2	PS	04/16/25 19:05	Not use	Kareem	Not Ok
76	PB167613BL	PB167613BL	MB	04/16/25 19:09		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135463

Review By	jaswal	Review On	4/18/2025 11:44:26 AM
Supervise By	Janvi	Supervise On	4/18/2025 12:06:47 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85016,MP85022,MP85020,MP85019,MP85018,MP85017		
ICV Standard	MP85023,MP85022		
CCV Standard	MP85026		
ICSA Standard	MP85024,MP85025		
CRI Standard	MP85022		
LCS Standard			
Chk Standard	MP85030,MP85031		

77	PB167613BS	PB167613BS	LCS	04/16/25 19:13		Kareem	OK
78	Q1791-12DL	V1207DL	SAM	04/16/25 19:17	5X for Ag	Kareem	Confirms
79	Q1804-01	001-WILLETS-PT-BL	SAM	04/16/25 19:22		Kareem	OK
80	Q1804-02	002-35TH-AVE(APR)	SAM	04/16/25 19:26		Kareem	OK
81	Q1804-02DUP	002-35TH-AVE(APR)	DUP	04/16/25 19:30		Kareem	OK
82	Q1804-02L	002-35TH-AVE(APR)	SD	04/16/25 19:35		Kareem	OK
83	CCV07	CCV07	CCV	04/16/25 19:39		Kareem	OK
84	CCB07	CCB07	CCB	04/16/25 19:43		Kareem	OK
85	Q1804-02MS	002-35TH-AVE(APR)	MS	04/16/25 19:48		Kareem	OK
86	Q1804-02MSD	002-35TH-AVE(APR)	MSD	04/16/25 19:52		Kareem	OK
87	Q1804-02A	002-35TH-AVE(APR)	PS	04/16/25 19:56		Kareem	OK
88	Q1815-01	001-WILLETS-PT-BL	SAM	04/16/25 20:00		Kareem	OK
89	Q1815-02	002-35TH-AVE(MAR)	SAM	04/16/25 20:04		Kareem	OK
90	CCV08	CCV08	CCV	04/16/25 20:08		Kareem	OK
91	CCB08	CCB08	CCB	04/16/25 20:13		Kareem	OK

SOP ID :	M1311-TCLP-15	
SDG No :	N/A	Start Prep Date : 04/14/2025 Time : 16:00
Weigh By :	JP	End Prep Date : 04/15/2025 Time : 10:25
Balance ID :	WC SC-7	Combination Ratio : 20
pH Meter ID :	WC PH METER-1	ZHE Cleaning Batch : N/A 70
Extraction By :	JP	Initial Room Temperature: 23 °C
Filter By :	JP	Final Room Temperature: 22 °C
Pipette ID :	WC	TCLP Technician Signature : 
Tumbler ID :	T-1	Supervisor By : 12
TCLP Filter ID :	115525	

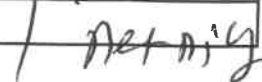
Standard Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP110802
HCL-TCLP,1N	N/A	WP110803
HNO3-TCLP,1N	N/A	WP110804
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	W1941,W1942	W3166,W1938,W1939,W1940,
1 Liter Amber	N/A	90424-08
120ml Plastic bottle	N/A	405130101
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. TUMBLER T-1 checked, 30 rpm. Particle size reduction is not required. q1808-04 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
04/15/25 11:50	 /TCLP Room	SPS. RJ / EXT
	Preparation Group	Analysis Group



Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB167587TB	LEB587	08	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-1
Q1787-12	TP-1	01	100.02	2000	N/A	N/A	N/A	8.2	1.5	T-1
Q1788-04	WC-1	02	100.03	2000	N/A	N/A	N/A	8.0	1.0	T-1
Q1800-03	WC-A4-01-C	03	100.02	2000	N/A	N/A	N/A	12.0	1.5	T-1
Q1803-01	WEST-BAY	04	100.03	2000	N/A	N/A	N/A	6.2	1.0	T-1
Q1803-02	FUEL-MONITORING	05	100.04	2000	N/A	N/A	N/A	6.0	1.5	T-1
Q1808-02	OILY-SOIL-PILE	06	100.03	2000	N/A	N/A	N/A	7.2	1.0	T-1
Q1808-04	LAW-25-0060	07	100.02	2000	N/A	N/A	N/A	6.0	1.5	T-1

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB167587TB	LEB587	N/A	N/A	N/A	N/A	N/A	N/A
Q1787-12	TP-1	N/A	N/A	N/A	N/A	100	N/A
Q1788-04	WC-1	N/A	N/A	N/A	N/A	100	N/A
Q1800-03	WC-A4-01-C	N/A	N/A	N/A	N/A	100	N/A
Q1803-01	WEST-BAY	N/A	N/A	N/A	N/A	100	N/A
Q1803-02	FUEL-MONITORING	N/A	N/A	N/A	N/A	100	N/A
Q1808-02	OILY-SOIL-PILE	N/A	N/A	N/A	N/A	100	N/A
Q1808-04	LAW-25-0060	N/A	N/A	N/A	N/A	100	N/A

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

Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB167587TB	LEB587	N/A	N/A	N/A	N/A	#1	4.93
Q1787-12	TP-1	5.01	96.5	10.0	4.0	#1	4.93
Q1788-04	WC-1	5.02	96.5	9.5	3.5	#1	4.93
Q1800-03	WC-A4-01-C	5.02	96.5	12.5	4.5	#1	4.93
Q1803-01	WEST-BAY	5.03	96.5	8.6	3.5	#1	4.93
Q1803-02	FUEL-MONITORING	5.04	96.5	8.4	3.5	#1	4.93
Q1808-02	OILY-SOIL-PILE	5.02	96.5	9.7	4.0	#1	4.93
Q1808-04	LAW-25-0060	5.01	96.5	7.6	3.0	#1	4.93



SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092

(908) 789-8900 Fax: (908) 788-9222

www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q1803

COC Number:

CLIENT INFORMATION		PROJECT INFORMATION				BILLING INFORMATION															
COMPANY: Scalamandre Tully JV		PROJECT NAME: DOT Harper Street Yard				BILL TO: Same					PO#										
ADDRESS: 57 Seaview Blvd		PROJECT #: 23657		LOCATION:		ADDRESS:															
CITY: Pt Washington STATE: NY ZIP: 11050		PROJECT MANAGER:				CITY:					STATE: ZIP:										
ATTENTION: Dean Devoe		E-MAIL:				ATTENTION:					PHONE:										
PHONE: 718 446 7000 FAX:		PHONE: FAX:				ANALYSIS															
DATA TURNAROUND INFORMATION		DATA DELIVERABLE INFORMATION				PRESERVATIVES															
FAX: _____ DAYS* HARD COPY: _____ DAYS* EDD _____ DAYS* * TO BE APPROVED BY ALLIANCE STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS		* RESULTS ONLY ☐ USEPA CLP ☐ RESULTS + QC ☐ New York State ASP "B" ☐ New Jersey REDUCED ☐ New York State ASP "A" ☐ New Jersey CLP ☐ Other _____ ☐ EDD Format _____				Full TCLP RIC 1 2 3 4 5 6 7 8 9															
CHEMTECH SAMPLE ID		PROJECT SAMPLE IDENTIFICATION		SAMPLE MATRIX		SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles		COMMENTS									
						COMP GRAB		DATE TIME				<-- Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other									
1.		West Bay		Soil				4/10/25 1230		X		X									
2.		Fuel Monitoring		Soil				4/10/25 1230		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		DATE/TIME April 10, 2025		RECEIVED BY		4-14-25 115		Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 3.0													
1. D Devoe				1.				MeOH extraction requires an additional 4oz. Jar for percent solid													
RELINQUISHED BY		DATE/TIME		RECEIVED BY				Comments:													
2.				2.																	
RELINQUISHED BY		DATE/TIME		RECEIVED FOR LAB BY				Page _____ of _____		SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight		ALLIANCE: ☐ Picked Up ☐ Overnight		Shipment Complete		☐ YES ☐ NO					
3.				3.																	
WHITE - ALLIANCE COPY FOR RETURN TO CLIENT														YELLOW - ALLIANCE COPY				PINK - SAMPLER COPY			

Laboratory Certification

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