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Cover Page

Order ID : P4660

Project ID : 540 Degraw St, Brooklyn, NY - E9309

Client : ENTACT

Lab Sample Number	Client Sample Number
P4660-01	WC-TA2-01-G
P4660-02	WC-TA2-01-C
P4660-03	WC-TA2-01-C
P4660-04	WC-TA2-01-C
P4660-05	WC-WOOD-01-G
P4660-06	WC-WOOD-01-C
P4660-07	WC-WOOD-01-C
P4660-08	WC-WOOD-01-C
P4660-09	WC-CONCRETE-01-G
P4660-10	WC-CONCRETE-01-C
P4660-11	WC-CONCRETE-01-C
P4660-12	WC-CONCRETE-01-C

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

Signature : _____

Date: 11/9/2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

Alliance TECHNICAL GROUP

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Tel. 908-789-8900 Fax: 908-789-8922

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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **P4660**

	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: **PATEL VAISHALI** **Date:** **11/09/2024**

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LAB CHRONICLE

OrderID:	P4660	**OrderDate:**	10/31/2024 2:38:00 PM
Client:	ENTACT	**Project:**	540 Degraw St, Brooklyn, NY - E9309
Contact:	Jarod Stanfield	**Location:**	K41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4660-03	**WC-TA2-01-C**	**TCLP**			**10/30/24**			**10/31/24**
			TCLP Mercury	7470A		11/04/24	11/05/24	
			TCLPMetals Group2	6010D		11/04/24	11/07/24	
P4660-07	**WC-WOOD-01-C**	**TCLP**			**10/31/24**			**10/31/24**
			TCLP Mercury	7470A		11/04/24	11/05/24	
			TCLPMetals Group2	6010D		11/04/24	11/07/24	
P4660-11	**WC-CONCRETE-01-C**	**TCLP**			**10/31/24**			**10/31/24**
			TCLP Mercury	7470A		11/04/24	11/05/24	
			TCLPMetals Group2	6010D		11/04/24	11/07/24	

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Hit Summary Sheet
SW-846

SDG No.: P4660 **Order ID:** P4660

Client: ENTACT **Project ID:** 540 Degraw St, Brooklyn, NY - E9309

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC-TA2-01-C								
P4660-03	WC-TA2-01-C	TCLP	Barium	440	J	62.8	500	ug/L
P4660-03	WC-TA2-01-C	TCLP	Chromium	81.5		6.60	50.0	ug/L
Client ID : WC-WOOD-01-C								
P4660-07	WC-WOOD-01-C	TCLP	Barium	581		62.8	500	ug/L
P4660-07	WC-WOOD-01-C	TCLP	Chromium	9.62	J	6.60	50.0	ug/L
P4660-07	WC-WOOD-01-C	TCLP	Nickel	19.0	J	8.50	200	ug/L
P4660-07	WC-WOOD-01-C	TCLP	Zinc	539		17.5	200	ug/L
Client ID : WC-CONCRETE-01-C								
P4660-11	WC-CONCRETE-01-C	TCLP	Barium	863		62.8	500	ug/L
P4660-11	WC-CONCRETE-01-C	TCLP	Cadmium	166		0.94	30.0	ug/L
P4660-11	WC-CONCRETE-01-C	TCLP	Copper	433		70.7	100	ug/L
P4660-11	WC-CONCRETE-01-C	TCLP	Lead	1170		35.1	60.0	ug/L
P4660-11	WC-CONCRETE-01-C	TCLP	Nickel	127	J	8.50	200	ug/L
P4660-11	WC-CONCRETE-01-C	TCLP	Zinc	2400		17.5	200	ug/L

SAMPLE DATA

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Report of Analysis

Client:	ENTACT	Date Collected:	10/30/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	10/31/24
Client Sample ID:	WC-TA2-01-C	SDG No.:	P4660
Lab Sample ID:	P4660-03	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	11/04/24 15:00	11/07/24 15:18	SW6010	SW3050
7440-39-3	Barium	440	J	1	62.8	500	ug/L	11/04/24 15:00	11/07/24 15:18	SW6010	SW3050
7440-43-9	Cadmium	0.94	U	1	0.94	30.0	ug/L	11/04/24 15:00	11/07/24 15:18	SW6010	SW3050
7440-47-3	Chromium	81.5		1	6.60	50.0	ug/L	11/04/24 15:00	11/07/24 15:18	SW6010	SW3050
7440-50-8	Copper	70.7	U	1	70.7	100	ug/L	11/04/24 15:00	11/07/24 15:18	SW6010	SW3050
7439-92-1	Lead	35.1	U	1	35.1	60.0	ug/L	11/04/24 15:00	11/07/24 15:18	SW6010	SW3050
7439-97-6	Mercury	0.81	U	1	0.81	2.00	ug/L	11/04/24 11:44	11/05/24 12:37	SW7470A	
7440-02-0	Nickel	8.50	U	1	8.50	200	ug/L	11/04/24 15:00	11/07/24 15:18	SW6010	SW3050
7782-49-2	Selenium	58.8	U	1	58.8	100	ug/L	11/04/24 15:00	11/07/24 15:18	SW6010	SW3050
7440-22-4	Silver	5.80	U	1	5.80	50.0	ug/L	11/04/24 15:00	11/07/24 15:18	SW6010	SW3050
7440-66-6	Zinc	17.5	U	1	17.5	200	ug/L	11/04/24 15:00	11/07/24 15:18	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

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Report of Analysis

Client:	ENTACT	Date Collected:	10/31/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	10/31/24
Client Sample ID:	WC-WOOD-01-C	SDG No.:	P4660
Lab Sample ID:	P4660-07	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	11/04/24 15:00	11/07/24 15:22	SW6010	SW3050
7440-39-3	Barium	581		1	62.8	500	ug/L	11/04/24 15:00	11/07/24 15:22	SW6010	SW3050
7440-43-9	Cadmium	0.94	U	1	0.94	30.0	ug/L	11/04/24 15:00	11/07/24 15:22	SW6010	SW3050
7440-47-3	Chromium	9.62	J	1	6.60	50.0	ug/L	11/04/24 15:00	11/07/24 15:22	SW6010	SW3050
7440-50-8	Copper	70.7	U	1	70.7	100	ug/L	11/04/24 15:00	11/07/24 15:22	SW6010	SW3050
7439-92-1	Lead	35.1	U	1	35.1	60.0	ug/L	11/04/24 15:00	11/07/24 15:22	SW6010	SW3050
7439-97-6	Mercury	0.81	U	1	0.81	2.00	ug/L	11/04/24 11:44	11/05/24 12:39	SW7470A	
7440-02-0	Nickel	19.0	J	1	8.50	200	ug/L	11/04/24 15:00	11/07/24 15:22	SW6010	SW3050
7782-49-2	Selenium	58.8	U	1	58.8	100	ug/L	11/04/24 15:00	11/07/24 15:22	SW6010	SW3050
7440-22-4	Silver	5.80	U	1	5.80	50.0	ug/L	11/04/24 15:00	11/07/24 15:22	SW6010	SW3050
7440-66-6	Zinc	539		1	17.5	200	ug/L	11/04/24 15:00	11/07/24 15:22	SW6010	SW3050

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

U = Not Detected
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LOD = Limit of Detection
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N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	ENTACT	Date Collected:	10/31/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	10/31/24
Client Sample ID:	WC-CONCRETE-01-C	SDG No.:	P4660
Lab Sample ID:	P4660-11	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	11/04/24 15:00	11/07/24 15:27	SW6010	SW3050
7440-39-3	Barium	863		1	62.8	500	ug/L	11/04/24 15:00	11/07/24 15:27	SW6010	SW3050
7440-43-9	Cadmium	166		1	0.94	30.0	ug/L	11/04/24 15:00	11/07/24 15:27	SW6010	SW3050
7440-47-3	Chromium	6.60	U	1	6.60	50.0	ug/L	11/04/24 15:00	11/07/24 15:27	SW6010	SW3050
7440-50-8	Copper	433		1	70.7	100	ug/L	11/04/24 15:00	11/07/24 15:27	SW6010	SW3050
7439-92-1	Lead	1170		1	35.1	60.0	ug/L	11/04/24 15:00	11/07/24 15:27	SW6010	SW3050
7439-97-6	Mercury	0.81	U	1	0.81	2.00	ug/L	11/04/24 11:44	11/05/24 12:41	SW7470A	
7440-02-0	Nickel	127	J	1	8.50	200	ug/L	11/04/24 15:00	11/07/24 15:27	SW6010	SW3050
7782-49-2	Selenium	58.8	U	1	58.8	100	ug/L	11/04/24 15:00	11/07/24 15:27	SW6010	SW3050
7440-22-4	Silver	5.80	U	1	5.80	50.0	ug/L	11/04/24 15:00	11/07/24 15:27	SW6010	SW3050
7440-66-6	Zinc	2400		1	17.5	200	ug/L	11/04/24 15:00	11/07/24 15:27	SW6010	SW3050

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

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LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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OR = Over Range
N =Spiked sample recovery not within control limits

METAL CALIBRATION DATA

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT **SDG No.:** P4660

Contract: ENTA05 **Lab Code:** CHEM **Case No.:** P4660 **SAS No.:** P4660

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
ICV69	Mercury	3.87	4.0	97	90 - 110	CV	11/05/2024	11:58	LB133297

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT **SDG No.:** P4660

Contract: ENTA05 **Lab Code:** CHEM **Case No.:** P4660 **SAS No.:** P4660

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
CCV26	Mercury	4.76	5.0	95	90 - 110	CV	11/05/2024	12:03	LB133297
CCV27	Mercury	4.98	5.0	100	90 - 110	CV	11/05/2024	12:30	LB133297
CCV28	Mercury	4.94	5.0	99	90 - 110	CV	11/05/2024	12:57	LB133297
CCV29	Mercury	5.12	5.0	102	90 - 110	CV	11/05/2024	13:32	LB133297
CCV30	Mercury	5.20	5.0	104	90 - 110	CV	11/05/2024	14:08	LB133297
CCV31	Mercury	5.44	5.0	109	90 - 110	CV	11/05/2024	14:29	LB133297
CCV32	Mercury	5.11	5.0	102	90 - 110	CV	11/05/2024	14:42	LB133297

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT **SDG No.:** P4660

Contract: ENTA05 **Lab Code:** CHEM **Case No.:** P4660 **SAS No.:** P4660

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	Arsenic	1030	1000	103	90 - 110	P	11/07/2024	13:49	LB133344
	Barium	521	520	100	90 - 110	P	11/07/2024	13:49	LB133344
	Cadmium	509	510	100	90 - 110	P	11/07/2024	13:49	LB133344
	Chromium	531	520	102	90 - 110	P	11/07/2024	13:49	LB133344
	Copper	531	510	104	90 - 110	P	11/07/2024	13:49	LB133344
	Lead	1020	1000	102	90 - 110	P	11/07/2024	13:49	LB133344
	Nickel	518	530	98	90 - 110	P	11/07/2024	13:49	LB133344
	Selenium	1040	1000	104	90 - 110	P	11/07/2024	13:49	LB133344
	Silver	256	250	102	90 - 110	P	11/07/2024	13:49	LB133344
	Zinc	1050	1000	105	90 - 110	P	11/07/2024	13:49	LB133344

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT **SDG No.:** P4660

Contract: ENTA05 **Lab Code:** CHEM **Case No.:** P4660 **SAS No.:** P4660

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	Arsenic	18.0	20.0	90	80 - 120	P	11/07/2024	14:23	LB133344
	Barium	100	100	100	80 - 120	P	11/07/2024	14:23	LB133344
	Cadmium	6.52	6.0	109	80 - 120	P	11/07/2024	14:23	LB133344
	Chromium	9.52	10.0	95	80 - 120	P	11/07/2024	14:23	LB133344
	Copper	22.7	20.0	114	80 - 120	P	11/07/2024	14:23	LB133344
	Lead	11.4	12.0	95	80 - 120	P	11/07/2024	14:23	LB133344
	Nickel	38.5	40.0	96	80 - 120	P	11/07/2024	14:23	LB133344
	Selenium	20.8	20.0	104	80 - 120	P	11/07/2024	14:23	LB133344
	Silver	10.8	10.0	108	80 - 120	P	11/07/2024	14:23	LB133344
	Zinc	42.0	40.0	105	80 - 120	P	11/07/2024	14:23	LB133344

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT **SDG No.:** P4660

Contract: ENTA05 **Lab Code:** CHEM **Case No.:** P4660 **SAS No.:** P4660

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	5040	5000	101	90 - 110	P	11/07/2024	15:01	LB133344
	Barium	9710	10000	97	90 - 110	P	11/07/2024	15:01	LB133344
	Cadmium	2450	2500	98	90 - 110	P	11/07/2024	15:01	LB133344
	Chromium	992	1000	99	90 - 110	P	11/07/2024	15:01	LB133344
	Copper	1270	1250	102	90 - 110	P	11/07/2024	15:01	LB133344
	Lead	4920	5000	98	90 - 110	P	11/07/2024	15:01	LB133344
	Nickel	2450	2500	98	90 - 110	P	11/07/2024	15:01	LB133344
	Selenium	5150	5000	103	90 - 110	P	11/07/2024	15:01	LB133344
	Silver	1240	1250	99	90 - 110	P	11/07/2024	15:01	LB133344
	Zinc	2530	2500	101	90 - 110	P	11/07/2024	15:01	LB133344
CCV02	Arsenic	4950	5000	99	90 - 110	P	11/07/2024	15:53	LB133344
	Barium	9390	10000	94	90 - 110	P	11/07/2024	15:53	LB133344
	Cadmium	2390	2500	96	90 - 110	P	11/07/2024	15:53	LB133344
	Chromium	963	1000	96	90 - 110	P	11/07/2024	15:53	LB133344
	Copper	1250	1250	100	90 - 110	P	11/07/2024	15:53	LB133344
	Lead	4800	5000	96	90 - 110	P	11/07/2024	15:53	LB133344
	Nickel	2390	2500	96	90 - 110	P	11/07/2024	15:53	LB133344
	Selenium	5050	5000	101	90 - 110	P	11/07/2024	15:53	LB133344
	Silver	1220	1250	98	90 - 110	P	11/07/2024	15:53	LB133344
	Zinc	2480	2500	99	90 - 110	P	11/07/2024	15:53	LB133344
CCV03	Arsenic	5190	5000	104	90 - 110	P	11/07/2024	16:45	LB133344
	Barium	9850	10000	98	90 - 110	P	11/07/2024	16:45	LB133344
	Cadmium	2470	2500	99	90 - 110	P	11/07/2024	16:45	LB133344
	Chromium	993	1000	99	90 - 110	P	11/07/2024	16:45	LB133344
	Copper	1300	1250	104	90 - 110	P	11/07/2024	16:45	LB133344
	Lead	4970	5000	99	90 - 110	P	11/07/2024	16:45	LB133344
	Nickel	2480	2500	99	90 - 110	P	11/07/2024	16:45	LB133344
	Selenium	5320	5000	106	90 - 110	P	11/07/2024	16:45	LB133344
	Silver	1240	1250	100	90 - 110	P	11/07/2024	16:45	LB133344
	Zinc	2400	2500	96	90 - 110	P	11/07/2024	16:45	LB133344
CCV04	Arsenic	5210	5000	104	90 - 110	P	11/07/2024	17:56	LB133344
	Barium	9810	10000	98	90 - 110	P	11/07/2024	17:56	LB133344
	Cadmium	2500	2500	100	90 - 110	P	11/07/2024	17:56	LB133344
	Chromium	1020	1000	102	90 - 110	P	11/07/2024	17:56	LB133344

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT **SDG No.:** P4660

Contract: ENTA05 **Lab Code:** CHEM **Case No.:** P4660 **SAS No.:** P4660

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	Copper	1300	1250	104	90 - 110	P	11/07/2024	17:56	LB133344
	Lead	5010	5000	100	90 - 110	P	11/07/2024	17:56	LB133344
	Nickel	2490	2500	100	90 - 110	P	11/07/2024	17:56	LB133344
	Selenium	5390	5000	108	90 - 110	P	11/07/2024	17:56	LB133344
	Silver	1260	1250	101	90 - 110	P	11/07/2024	17:56	LB133344
	Zinc	2510	2500	100	90 - 110	P	11/07/2024	17:56	LB133344
CCV05	Arsenic	5120	5000	102	90 - 110	P	11/07/2024	18:32	LB133344
	Barium	9790	10000	98	90 - 110	P	11/07/2024	18:32	LB133344
	Cadmium	2430	2500	97	90 - 110	P	11/07/2024	18:32	LB133344
	Chromium	988	1000	99	90 - 110	P	11/07/2024	18:32	LB133344
	Copper	1280	1250	102	90 - 110	P	11/07/2024	18:32	LB133344
	Lead	4880	5000	98	90 - 110	P	11/07/2024	18:32	LB133344
	Nickel	2430	2500	97	90 - 110	P	11/07/2024	18:32	LB133344
	Selenium	5290	5000	106	90 - 110	P	11/07/2024	18:32	LB133344
	Silver	1240	1250	99	90 - 110	P	11/07/2024	18:32	LB133344
	Zinc	2500	2500	100	90 - 110	P	11/07/2024	18:32	LB133344
CCV06	Arsenic	5110	5000	102	90 - 110	P	11/07/2024	19:08	LB133344
	Barium	9640	10000	96	90 - 110	P	11/07/2024	19:08	LB133344
	Cadmium	2460	2500	99	90 - 110	P	11/07/2024	19:08	LB133344
	Chromium	994	1000	99	90 - 110	P	11/07/2024	19:08	LB133344
	Copper	1270	1250	102	90 - 110	P	11/07/2024	19:08	LB133344
	Lead	4930	5000	99	90 - 110	P	11/07/2024	19:08	LB133344
	Nickel	2460	2500	98	90 - 110	P	11/07/2024	19:08	LB133344
	Selenium	5260	5000	105	90 - 110	P	11/07/2024	19:08	LB133344
	Silver	1240	1250	99	90 - 110	P	11/07/2024	19:08	LB133344
	Zinc	2490	2500	100	90 - 110	P	11/07/2024	19:08	LB133344
CCV07	Arsenic	5100	5000	102	90 - 110	P	11/07/2024	19:58	LB133344
	Barium	9400	10000	94	90 - 110	P	11/07/2024	19:58	LB133344
	Cadmium	2420	2500	97	90 - 110	P	11/07/2024	19:58	LB133344
	Chromium	986	1000	99	90 - 110	P	11/07/2024	19:58	LB133344
	Copper	1270	1250	101	90 - 110	P	11/07/2024	19:58	LB133344
	Lead	4850	5000	97	90 - 110	P	11/07/2024	19:58	LB133344
	Nickel	2410	2500	96	90 - 110	P	11/07/2024	19:58	LB133344
	Selenium	5270	5000	105	90 - 110	P	11/07/2024	19:58	LB133344

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT **SDG No.:** P4660

Contract: ENTA05 **Lab Code:** CHEM **Case No.:** P4660 **SAS No.:** P4660

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	Silver	1230	1250	98	90 - 110	P	11/07/2024	19:58	LB133344
	Zinc	2490	2500	100	90 - 110	P	11/07/2024	19:58	LB133344
CCV08	Arsenic	5100	5000	102	90 - 110	P	11/07/2024	20:58	LB133344
	Barium	9480	10000	95	90 - 110	P	11/07/2024	20:58	LB133344
	Cadmium	2410	2500	96	90 - 110	P	11/07/2024	20:58	LB133344
	Chromium	989	1000	99	90 - 110	P	11/07/2024	20:58	LB133344
	Copper	1270	1250	102	90 - 110	P	11/07/2024	20:58	LB133344
	Lead	4840	5000	97	90 - 110	P	11/07/2024	20:58	LB133344
	Nickel	2410	2500	96	90 - 110	P	11/07/2024	20:58	LB133344
	Selenium	5290	5000	106	90 - 110	P	11/07/2024	20:58	LB133344
	Silver	1250	1250	100	90 - 110	P	11/07/2024	20:58	LB133344
	Zinc	2530	2500	101	90 - 110	P	11/07/2024	20:58	LB133344
CCV09	Arsenic	5030	5000	100	90 - 110	P	11/07/2024	21:51	LB133344
	Barium	9510	10000	95	90 - 110	P	11/07/2024	21:51	LB133344
	Cadmium	2390	2500	95	90 - 110	P	11/07/2024	21:51	LB133344
	Chromium	966	1000	97	90 - 110	P	11/07/2024	21:51	LB133344
	Copper	1250	1250	100	90 - 110	P	11/07/2024	21:51	LB133344
	Lead	4780	5000	96	90 - 110	P	11/07/2024	21:51	LB133344
	Nickel	2380	2500	95	90 - 110	P	11/07/2024	21:51	LB133344
	Selenium	5170	5000	103	90 - 110	P	11/07/2024	21:51	LB133344
	Silver	1210	1250	97	90 - 110	P	11/07/2024	21:51	LB133344
	Zinc	2670	2500	107	90 - 110	P	11/07/2024	21:51	LB133344
CCV10	Arsenic	5000	5000	100	90 - 110	P	11/07/2024	22:52	LB133344
	Barium	9460	10000	95	90 - 110	P	11/07/2024	22:52	LB133344
	Cadmium	2340	2500	94	90 - 110	P	11/07/2024	22:52	LB133344
	Chromium	963	1000	96	90 - 110	P	11/07/2024	22:52	LB133344
	Copper	1240	1250	99	90 - 110	P	11/07/2024	22:52	LB133344
	Lead	4710	5000	94	90 - 110	P	11/07/2024	22:52	LB133344
	Nickel	2340	2500	94	90 - 110	P	11/07/2024	22:52	LB133344
	Selenium	5160	5000	103	90 - 110	P	11/07/2024	22:52	LB133344
	Silver	1220	1250	98	90 - 110	P	11/07/2024	22:52	LB133344
	Zinc	2400	2500	96	90 - 110	P	11/07/2024	22:52	LB133344
CCV11	Arsenic	5020	5000	100	90 - 110	P	11/07/2024	23:43	LB133344
	Barium	9690	10000	97	90 - 110	P	11/07/2024	23:43	LB133344

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT **SDG No.:** P4660

Contract: ENTA05 **Lab Code:** CHEM **Case No.:** P4660 **SAS No.:** P4660

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
CCV11	Cadmium	2390	2500	96	90 - 110	P	11/07/2024	23:43	LB133344
	Chromium	962	1000	96	90 - 110	P	11/07/2024	23:43	LB133344
	Copper	1250	1250	100	90 - 110	P	11/07/2024	23:43	LB133344
	Lead	4800	5000	96	90 - 110	P	11/07/2024	23:43	LB133344
	Nickel	2390	2500	95	90 - 110	P	11/07/2024	23:43	LB133344
	Selenium	5160	5000	103	90 - 110	P	11/07/2024	23:43	LB133344
	Silver	1210	1250	97	90 - 110	P	11/07/2024	23:43	LB133344
	Zinc	2430	2500	97	90 - 110	P	11/07/2024	23:43	LB133344
CCV12	Arsenic	5150	5000	103	90 - 110	P	11/08/2024	00:39	LB133344
	Barium	9830	10000	98	90 - 110	P	11/08/2024	00:39	LB133344
	Cadmium	2390	2500	96	90 - 110	P	11/08/2024	00:39	LB133344
	Chromium	965	1000	96	90 - 110	P	11/08/2024	00:39	LB133344
	Copper	1280	1250	102	90 - 110	P	11/08/2024	00:39	LB133344
	Lead	4820	5000	96	90 - 110	P	11/08/2024	00:39	LB133344
	Nickel	2390	2500	96	90 - 110	P	11/08/2024	00:39	LB133344
	Selenium	5340	5000	107	90 - 110	P	11/08/2024	00:39	LB133344
	Silver	1230	1250	98	90 - 110	P	11/08/2024	00:39	LB133344
	Zinc	2380	2500	95	90 - 110	P	11/08/2024	00:39	LB133344
CCV13	Arsenic	5160	5000	103	90 - 110	P	11/08/2024	00:57	LB133344
	Barium	9650	10000	96	90 - 110	P	11/08/2024	00:57	LB133344
	Cadmium	2420	2500	97	90 - 110	P	11/08/2024	00:57	LB133344
	Chromium	980	1000	98	90 - 110	P	11/08/2024	00:57	LB133344
	Copper	1290	1250	103	90 - 110	P	11/08/2024	00:57	LB133344
	Lead	4870	5000	97	90 - 110	P	11/08/2024	00:57	LB133344
	Nickel	2420	2500	97	90 - 110	P	11/08/2024	00:57	LB133344
	Selenium	5340	5000	107	90 - 110	P	11/08/2024	00:57	LB133344
	Silver	1230	1250	99	90 - 110	P	11/08/2024	00:57	LB133344
	Zinc	2470	2500	99	90 - 110	P	11/08/2024	00:57	LB133344

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Metals

- 2b -
CRDL STANDARD FOR AA & ICP

Client: ENTACT **SDG No.:** P4660

Contract: ENTA05 **Lab Code:** CHEM **Case No.:** P4660 **SAS No.:** P4660

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	0.21	0.2	107	40 - 160	CV	11/05/2024	12:07	LB133297
CRI01	Arsenic	19.9	20.0	99	40 - 160	P	11/07/2024	14:42	LB133344
	Barium	99.8	100	100	40 - 160	P	11/07/2024	14:42	LB133344
	Cadmium	6.45	6.0	108	40 - 160	P	11/07/2024	14:42	LB133344
	Chromium	9.25	10.0	92	40 - 160	P	11/07/2024	14:42	LB133344
	Copper	22.5	20.0	112	40 - 160	P	11/07/2024	14:42	LB133344
	Lead	11.3	12.0	94	40 - 160	P	11/07/2024	14:42	LB133344
	Nickel	38.8	40.0	97	40 - 160	P	11/07/2024	14:42	LB133344
	Selenium	18.8	20.0	94	40 - 160	P	11/07/2024	14:42	LB133344
	Silver	10.7	10.0	107	40 - 160	P	11/07/2024	14:42	LB133344
	Zinc	41.4	40.0	104	40 - 160	P	11/07/2024	14:42	LB133344

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ENTACT **SDG No.:** P4660

Contract: ENTA05 **Lab Code:** CHEM **Case No.:** P4660 **SAS No.:** P4660

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB69	Mercury	0.20	+/-0.20	U	0.20	CV	11/05/2024	12:00	LB133297

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ENTACT **SDG No.:** P4660

Contract: ENTA05 **Lab Code:** CHEM **Case No.:** P4660 **SAS No.:** P4660

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB26	Mercury	0.20	+/-0.20	U	0.20	CV	11/05/2024	12:05	LB133297
CCB27	Mercury	0.20	+/-0.20	U	0.20	CV	11/05/2024	12:32	LB133297
CCB28	Mercury	0.20	+/-0.20	U	0.20	CV	11/05/2024	12:59	LB133297
CCB29	Mercury	0.20	+/-0.20	U	0.20	CV	11/05/2024	13:34	LB133297
CCB30	Mercury	0.20	+/-0.20	U	0.20	CV	11/05/2024	14:11	LB133297
CCB31	Mercury	0.20	+/-0.20	U	0.20	CV	11/05/2024	14:31	LB133297
CCB32	Mercury	0.20	+/-0.20	U	0.20	CV	11/05/2024	14:45	LB133297

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ENTACT **SDG No.:** P4660

Contract: ENTA05 **Lab Code:** CHEM **Case No.:** P4660 **SAS No.:** P4660

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	11/07/2024	14:38	LB133344
	Barium	100	+/-100	U	100	P	11/07/2024	14:38	LB133344
	Cadmium	6.00	+/-6.00	U	6.00	P	11/07/2024	14:38	LB133344
	Chromium	10.0	+/-10.0	U	10.0	P	11/07/2024	14:38	LB133344
	Copper	20.0	+/-20.0	U	20.0	P	11/07/2024	14:38	LB133344
	Lead	12.0	+/-12.0	U	12.0	P	11/07/2024	14:38	LB133344
	Nickel	40.0	+/-40.0	U	40.0	P	11/07/2024	14:38	LB133344
	Selenium	20.0	+/-20.0	U	20.0	P	11/07/2024	14:38	LB133344
	Silver	10.0	+/-10.0	U	10.0	P	11/07/2024	14:38	LB133344
	Zinc	40.0	+/-40.0	U	40.0	P	11/07/2024	14:38	LB133344

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ENTACT **SDG No.:** P4660

Contract: ENTA05 **Lab Code:** CHEM **Case No.:** P4660 **SAS No.:** P4660

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	11/07/2024	15:05	LB133344
	Barium	100	+/-100	U	100	P	11/07/2024	15:05	LB133344
	Cadmium	6.00	+/-6.00	U	6.00	P	11/07/2024	15:05	LB133344
	Chromium	10.0	+/-10.0	U	10.0	P	11/07/2024	15:05	LB133344
	Copper	20.0	+/-20.0	U	20.0	P	11/07/2024	15:05	LB133344
	Lead	12.0	+/-12.0	U	12.0	P	11/07/2024	15:05	LB133344
	Nickel	40.0	+/-40.0	U	40.0	P	11/07/2024	15:05	LB133344
	Selenium	20.0	+/-20.0	U	20.0	P	11/07/2024	15:05	LB133344
	Silver	10.0	+/-10.0	U	10.0	P	11/07/2024	15:05	LB133344
	Zinc	40.0	+/-40.0	U	40.0	P	11/07/2024	15:05	LB133344
CCB02	Arsenic	20.0	+/-20.0	U	20.0	P	11/07/2024	15:58	LB133344
	Barium	100	+/-100	U	100	P	11/07/2024	15:58	LB133344
	Cadmium	6.00	+/-6.00	U	6.00	P	11/07/2024	15:58	LB133344
	Chromium	10.0	+/-10.0	U	10.0	P	11/07/2024	15:58	LB133344
	Copper	20.0	+/-20.0	U	20.0	P	11/07/2024	15:58	LB133344
	Lead	12.0	+/-12.0	U	12.0	P	11/07/2024	15:58	LB133344
	Nickel	40.0	+/-40.0	U	40.0	P	11/07/2024	15:58	LB133344
	Selenium	20.0	+/-20.0	U	20.0	P	11/07/2024	15:58	LB133344
	Silver	10.0	+/-10.0	U	10.0	P	11/07/2024	15:58	LB133344
	Zinc	40.0	+/-40.0	U	40.0	P	11/07/2024	15:58	LB133344
CCB03	Arsenic	20.0	+/-20.0	U	20.0	P	11/07/2024	16:49	LB133344
	Barium	100	+/-100	U	100	P	11/07/2024	16:49	LB133344
	Cadmium	6.00	+/-6.00	U	6.00	P	11/07/2024	16:49	LB133344
	Chromium	10.0	+/-10.0	U	10.0	P	11/07/2024	16:49	LB133344
	Copper	20.0	+/-20.0	U	20.0	P	11/07/2024	16:49	LB133344
	Lead	12.0	+/-12.0	U	12.0	P	11/07/2024	16:49	LB133344
	Nickel	40.0	+/-40.0	U	40.0	P	11/07/2024	16:49	LB133344
	Selenium	20.0	+/-20.0	U	20.0	P	11/07/2024	16:49	LB133344
	Silver	10.0	+/-10.0	U	10.0	P	11/07/2024	16:49	LB133344
	Zinc	40.0	+/-40.0	U	40.0	P	11/07/2024	16:49	LB133344
CCB04	Arsenic	20.0	+/-20.0	U	20.0	P	11/07/2024	18:04	LB133344
	Barium	100	+/-100	U	100	P	11/07/2024	18:04	LB133344
	Cadmium	6.00	+/-6.00	U	6.00	P	11/07/2024	18:04	LB133344
	Chromium	10.0	+/-10.0	U	10.0	P	11/07/2024	18:04	LB133344
	Copper	20.0	+/-20.0	U	20.0	P	11/07/2024	18:04	LB133344
	Lead	12.0	+/-12.0	U	12.0	P	11/07/2024	18:04	LB133344
	Nickel	40.0	+/-40.0	U	40.0	P	11/07/2024	18:04	LB133344
	Selenium	20.0	+/-20.0	U	20.0	P	11/07/2024	18:04	LB133344
	Silver	10.0	+/-10.0	U	10.0	P	11/07/2024	18:04	LB133344

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ENTACT **SDG No.:** P4660

Contract: ENTA05 **Lab Code:** CHEM **Case No.:** P4660 **SAS No.:** P4660

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Zinc	40.0	+/-40.0	U	40.0	P	11/07/2024	18:04	LB133344
CCB05	Arsenic	20.0	+/-20.0	U	20.0	P	11/07/2024	18:37	LB133344
	Barium	100	+/-100	U	100	P	11/07/2024	18:37	LB133344
	Cadmium	6.00	+/-6.00	U	6.00	P	11/07/2024	18:37	LB133344
	Chromium	10.0	+/-10.0	U	10.0	P	11/07/2024	18:37	LB133344
	Copper	20.0	+/-20.0	U	20.0	P	11/07/2024	18:37	LB133344
	Lead	12.0	+/-12.0	U	12.0	P	11/07/2024	18:37	LB133344
	Nickel	40.0	+/-40.0	U	40.0	P	11/07/2024	18:37	LB133344
	Selenium	20.0	+/-20.0	U	20.0	P	11/07/2024	18:37	LB133344
	Silver	10.0	+/-10.0	U	10.0	P	11/07/2024	18:37	LB133344
	Zinc	40.0	+/-40.0	U	40.0	P	11/07/2024	18:37	LB133344
CCB06	Arsenic	20.0	+/-20.0	U	20.0	P	11/07/2024	19:12	LB133344
	Barium	100	+/-100	U	100	P	11/07/2024	19:12	LB133344
	Cadmium	6.00	+/-6.00	U	6.00	P	11/07/2024	19:12	LB133344
	Chromium	10.0	+/-10.0	U	10.0	P	11/07/2024	19:12	LB133344
	Copper	20.0	+/-20.0	U	20.0	P	11/07/2024	19:12	LB133344
	Lead	12.0	+/-12.0	U	12.0	P	11/07/2024	19:12	LB133344
	Nickel	40.0	+/-40.0	U	40.0	P	11/07/2024	19:12	LB133344
	Selenium	20.0	+/-20.0	U	20.0	P	11/07/2024	19:12	LB133344
	Silver	10.0	+/-10.0	U	10.0	P	11/07/2024	19:12	LB133344
	Zinc	40.0	+/-40.0	U	40.0	P	11/07/2024	19:12	LB133344
CCB07	Arsenic	20.0	+/-20.0	U	20.0	P	11/07/2024	20:02	LB133344
	Barium	100	+/-100	U	100	P	11/07/2024	20:02	LB133344
	Cadmium	6.00	+/-6.00	U	6.00	P	11/07/2024	20:02	LB133344
	Chromium	10.0	+/-10.0	U	10.0	P	11/07/2024	20:02	LB133344
	Copper	20.0	+/-20.0	U	20.0	P	11/07/2024	20:02	LB133344
	Lead	12.0	+/-12.0	U	12.0	P	11/07/2024	20:02	LB133344
	Nickel	40.0	+/-40.0	U	40.0	P	11/07/2024	20:02	LB133344
	Selenium	20.0	+/-20.0	U	20.0	P	11/07/2024	20:02	LB133344
	Silver	10.0	+/-10.0	U	10.0	P	11/07/2024	20:02	LB133344
	Zinc	40.0	+/-40.0	U	40.0	P	11/07/2024	20:02	LB133344
CCB08	Arsenic	20.0	+/-20.0	U	20.0	P	11/07/2024	21:02	LB133344
	Barium	100	+/-100	U	100	P	11/07/2024	21:02	LB133344
	Cadmium	6.00	+/-6.00	U	6.00	P	11/07/2024	21:02	LB133344
	Chromium	10.0	+/-10.0	U	10.0	P	11/07/2024	21:02	LB133344
	Copper	20.0	+/-20.0	U	20.0	P	11/07/2024	21:02	LB133344
	Lead	12.0	+/-12.0	U	12.0	P	11/07/2024	21:02	LB133344
	Nickel	40.0	+/-40.0	U	40.0	P	11/07/2024	21:02	LB133344
	Selenium	20.0	+/-20.0	U	20.0	P	11/07/2024	21:02	LB133344

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ENTACT **SDG No.:** P4660

Contract: ENTA05 **Lab Code:** CHEM **Case No.:** P4660 **SAS No.:** P4660

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Silver	10.0	+/-10.0	U	10.0	P	11/07/2024	21:02	LB133344
	Zinc	40.0	+/-40.0	U	40.0	P	11/07/2024	21:02	LB133344
CCB09	Arsenic	20.0	+/-20.0	U	20.0	P	11/07/2024	21:55	LB133344
	Barium	100	+/-100	U	100	P	11/07/2024	21:55	LB133344
	Cadmium	6.00	+/-6.00	U	6.00	P	11/07/2024	21:55	LB133344
	Chromium	10.0	+/-10.0	U	10.0	P	11/07/2024	21:55	LB133344
	Copper	20.0	+/-20.0	U	20.0	P	11/07/2024	21:55	LB133344
	Lead	12.0	+/-12.0	U	12.0	P	11/07/2024	21:55	LB133344
	Nickel	40.0	+/-40.0	U	40.0	P	11/07/2024	21:55	LB133344
	Selenium	20.0	+/-20.0	U	20.0	P	11/07/2024	21:55	LB133344
	Silver	10.0	+/-10.0	U	10.0	P	11/07/2024	21:55	LB133344
	Zinc	40.0	+/-40.0	U	40.0	P	11/07/2024	21:55	LB133344
CCB10	Arsenic	20.0	+/-20.0	U	20.0	P	11/07/2024	22:56	LB133344
	Barium	100	+/-100	U	100	P	11/07/2024	22:56	LB133344
	Cadmium	6.00	+/-6.00	U	6.00	P	11/07/2024	22:56	LB133344
	Chromium	10.0	+/-10.0	U	10.0	P	11/07/2024	22:56	LB133344
	Copper	20.0	+/-20.0	U	20.0	P	11/07/2024	22:56	LB133344
	Lead	12.0	+/-12.0	U	12.0	P	11/07/2024	22:56	LB133344
	Nickel	40.0	+/-40.0	U	40.0	P	11/07/2024	22:56	LB133344
	Selenium	20.0	+/-20.0	U	20.0	P	11/07/2024	22:56	LB133344
	Silver	10.0	+/-10.0	U	10.0	P	11/07/2024	22:56	LB133344
	Zinc	40.0	+/-40.0	U	40.0	P	11/07/2024	22:56	LB133344
CCB11	Arsenic	20.0	+/-20.0	U	20.0	P	11/07/2024	23:47	LB133344
	Barium	100	+/-100	U	100	P	11/07/2024	23:47	LB133344
	Cadmium	6.00	+/-6.00	U	6.00	P	11/07/2024	23:47	LB133344
	Chromium	10.0	+/-10.0	U	10.0	P	11/07/2024	23:47	LB133344
	Copper	20.0	+/-20.0	U	20.0	P	11/07/2024	23:47	LB133344
	Lead	12.0	+/-12.0	U	12.0	P	11/07/2024	23:47	LB133344
	Nickel	40.0	+/-40.0	U	40.0	P	11/07/2024	23:47	LB133344
	Selenium	20.0	+/-20.0	U	20.0	P	11/07/2024	23:47	LB133344
	Silver	10.0	+/-10.0	U	10.0	P	11/07/2024	23:47	LB133344
	Zinc	40.0	+/-40.0	U	40.0	P	11/07/2024	23:47	LB133344
CCB12	Arsenic	20.0	+/-20.0	U	20.0	P	11/08/2024	00:43	LB133344
	Barium	100	+/-100	U	100	P	11/08/2024	00:43	LB133344
	Cadmium	6.00	+/-6.00	U	6.00	P	11/08/2024	00:43	LB133344
	Chromium	10.0	+/-10.0	U	10.0	P	11/08/2024	00:43	LB133344
	Copper	20.0	+/-20.0	U	20.0	P	11/08/2024	00:43	LB133344
	Lead	12.0	+/-12.0	U	12.0	P	11/08/2024	00:43	LB133344
	Nickel	40.0	+/-40.0	U	40.0	P	11/08/2024	00:43	LB133344

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ENTACT **SDG No.:** P4660

Contract: ENTA05 **Lab Code:** CHEM **Case No.:** P4660 **SAS No.:** P4660

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB12	Selenium	20.0	+/-20.0	U	20.0	P	11/08/2024	00:43	LB133344
	Silver	10.0	+/-10.0	U	10.0	P	11/08/2024	00:43	LB133344
	Zinc	40.0	+/-40.0	U	40.0	P	11/08/2024	00:43	LB133344
CCB13	Arsenic	20.0	+/-20.0	U	20.0	P	11/08/2024	01:01	LB133344
	Barium	100	+/-100	U	100	P	11/08/2024	01:01	LB133344
	Cadmium	6.00	+/-6.00	U	6.00	P	11/08/2024	01:01	LB133344
	Chromium	10.0	+/-10.0	U	10.0	P	11/08/2024	01:01	LB133344
	Copper	20.0	+/-20.0	U	20.0	P	11/08/2024	01:01	LB133344
	Lead	12.0	+/-12.0	U	12.0	P	11/08/2024	01:01	LB133344
	Nickel	40.0	+/-40.0	U	40.0	P	11/08/2024	01:01	LB133344
	Selenium	20.0	+/-20.0	U	20.0	P	11/08/2024	01:01	LB133344
	Silver	10.0	+/-10.0	U	10.0	P	11/08/2024	01:01	LB133344
	Zinc	40.0	+/-40.0	U	40.0	P	11/08/2024	01:01	LB133344

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Metals
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PREPARATION BLANK SUMMARY

Client: ENTACT **SDG No.:** P4660

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB164560TB		**WATER**		**Batch Number:**	**PB164660**		**Prep Date:**	**11/04/2024**	
	Mercury	2.00	<2.00	U	2.00	CV	11/05/2024	14:26	LB133297

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB164660BL		**WATER**		**Batch Number:**	**PB164660**		**Prep Date:**	**11/04/2024**	
	Mercury	0.20	<0.20	U	0.20	CV	11/05/2024	12:14	LB133297

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Metals
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PREPARATION BLANK SUMMARY

Client: ENTACT **SDG No.:** P4660

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB164560TB		**WATER**		**Batch Number:**	**PB164665**		**Prep Date:**	**11/04/2024**	
	Arsenic	100	<100	U	100	P	11/07/2024	16:36	LB133344
	Barium	500	<500	U	500	P	11/07/2024	16:36	LB133344
	Cadmium	30.0	<30.0	U	30.0	P	11/07/2024	16:36	LB133344
	Chromium	50.0	<50.0	U	50.0	P	11/07/2024	16:36	LB133344
	Copper	100	<100	U	100	P	11/07/2024	16:36	LB133344
	Lead	60.0	<60.0	U	60.0	P	11/07/2024	16:36	LB133344
	Nickel	200	<200	U	200	P	11/07/2024	16:36	LB133344
	Selenium	100	<100	U	100	P	11/07/2024	16:36	LB133344
	Silver	50.0	<50.0	U	50.0	P	11/07/2024	16:36	LB133344
	Zinc	200	<200	U	200	P	11/07/2024	16:36	LB133344

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB164665BL		**WATER**		**Batch Number:**	**PB164665**		**Prep Date:**	**11/04/2024**	
	Arsenic	100	<100	U	100	P	11/07/2024	16:41	LB133344
	Barium	500	<500	U	500	P	11/07/2024	16:41	LB133344
	Cadmium	30.0	<30.0	U	30.0	P	11/07/2024	16:41	LB133344
	Chromium	50.0	<50.0	U	50.0	P	11/07/2024	16:41	LB133344
	Copper	100	<100	U	100	P	11/07/2024	16:41	LB133344
	Lead	60.0	<60.0	U	60.0	P	11/07/2024	16:41	LB133344
	Nickel	200	<200	U	200	P	11/07/2024	16:41	LB133344
	Selenium	100	<100	U	100	P	11/07/2024	16:41	LB133344
	Silver	50.0	<50.0	U	50.0	P	11/07/2024	16:41	LB133344
	Zinc	200	<200	U	200	P	11/07/2024	16:41	LB133344

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Metals
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INTERFERENCE CHECK SAMPLE

Client: ENTACT **SDG No.:** P4660

Contract: ENTA05 **Lab Code:** CHEM **Case No.:** P4660 **SAS No.:** P4660

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	Arsenic	4.03			-20	20	11/07/2024	14:47	LB133344
	Barium	1.97	6.0	33	-94	106	11/07/2024	14:47	LB133344
	Cadmium	6.27	1.0	627	-5	7	11/07/2024	14:47	LB133344
	Chromium	54.7	52.0	105	42	62	11/07/2024	14:47	LB133344
	Copper	6.59	2.0	330	-18	22	11/07/2024	14:47	LB133344
	Lead	8.91			-12	12	11/07/2024	14:47	LB133344
	Nickel	2.14	2.0	107	-38	42	11/07/2024	14:47	LB133344
	Selenium	-18.3			-20	20	11/07/2024	14:47	LB133344
	Silver	0.85			-10	10	11/07/2024	14:47	LB133344
	Zinc	6.19			-40	40	11/07/2024	14:47	LB133344
ICSAB01	Arsenic	116	104	112	88.4	120	11/07/2024	14:51	LB133344
	Barium	504	537	94	437	637	11/07/2024	14:51	LB133344
	Cadmium	999	972	103	826	1120	11/07/2024	14:51	LB133344
	Chromium	556	542	103	460	624	11/07/2024	14:51	LB133344
	Copper	493	511	96	434	588	11/07/2024	14:51	LB133344
	Lead	56.6	49.0	116	37	61	11/07/2024	14:51	LB133344
	Nickel	991	954	104	810	1100	11/07/2024	14:51	LB133344
	Selenium	32.9	46.0	72	26	66	11/07/2024	14:51	LB133344
	Silver	201	201	100	170	232	11/07/2024	14:51	LB133344
	Zinc	835	952	88	809	1095	11/07/2024	14:51	LB133344

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metals
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MATRIX SPIKE SUMMARY

client: ENTACT **level:** low **sdg no.:** P4660

contract: ENTA05 **lab code:** CHEM **case no.:** P4660 **sas no.:** P4660

matrix: Water **sample id:** P4684-01 **client id:** MECHANIC-ST-SWEEPINGSMS

Percent Solids for Sample: NA **Spiked ID:** P4684-01MS **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	4340		100	U	4000	108		P
Barium	ug/L	75 - 125	5410		4480		1000	93		P
Cadmium	ug/L	75 - 125	3830		2970		1000	86		P
Chromium	ug/L	75 - 125	2070		129		2000	97		P
Copper	ug/L	75 - 125	1960		505		1500	97		P
Lead	ug/L	75 - 125	9230		4900		5000	87		P
Mercury	ug/L	75 - 125	46.1		2.00	U	40.0	115		CV
Nickel	ug/L	75 - 125	2410		59.2	J	2500	94		P
Selenium	ug/L	75 - 125	10500		100	U	10000	105		P
Silver	ug/L	75 - 125	383		50.0	U	380	101		P
Zinc	ug/L	75 - 125	103000		103000		1000	-1		P

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: ENTACT **level:** low **sdg no.:** P4660

contract: ENTA05 **lab code:** CHEM **case no.:** P4660 **sas no.:** P4660

matrix: Water **sample id:** P4684-01 **client id:** MECHANIC-ST-SWEEPINGSMSD

Percent Solids for Sample: NA **Spiked ID:** P4684-01MSD **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	4380		100	U	4000	110		P
Barium	ug/L	75 - 125	5420		4480		1000	94		P
Cadmium	ug/L	75 - 125	3830		2970		1000	86		P
Chromium	ug/L	75 - 125	2080		129		2000	98		P
Copper	ug/L	75 - 125	1960		505		1500	97		P
Lead	ug/L	75 - 125	9240		4900		5000	87		P
Mercury	ug/L	75 - 125	42.3		2.00	U	40.0	106		CV
Nickel	ug/L	75 - 125	2430		59.2	J	2500	95		P
Selenium	ug/L	75 - 125	10600		100	U	10000	106		P
Silver	ug/L	75 - 125	382		50.0	U	380	100		P
Zinc	ug/L	75 - 125	101000		103000		1000	-249		P

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Metals
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Client: ENTACT **SDG No.:** P4660

Contract: ENTA05 **Lab Code:** CHEM **Case No.:** P4660 **SAS No.:** P4660

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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DUPLICATE SAMPLE SUMMARY

Client: ENTACT **Level:** LOW **SDG No.:** P4660

Contract: ENTA05 **Lab Code:** CHEM **Case No.:** P4660 **SAS No.:** P4660

Matrix: Water **Sample ID:** P4684-01 **Client ID:** MECHANIC-ST-SWEEPINGSDUP

Percent Solids for Sample: NA **Duplicate ID** P4684-01DUP **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	4480		4410		2		P
Cadmium	ug/L	20	2970		2960		0		P
Chromium	ug/L	20	129		128		1		P
Copper	ug/L	20	505		504		0		P
Lead	ug/L	20	4900		4890		0		P
Mercury	ug/L	20	2.00	U	2.00	U			CV
Nickel	ug/L	20	59.2	J	57.6	J	3		P
Selenium	ug/L	20	100	U	100	U			P
Silver	ug/L	20	50.0	U	50.0	U			P
Zinc	ug/L	20	103000		103000		0		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: ENTACT **Level:** LOW **SDG No.:** P4660

Contract: ENTA05 **Lab Code:** CHEM **Case No.:** P4660 **SAS No.:** P4660

Matrix: Water **Sample ID:** P4684-01MS **Client ID:** MECHANIC-ST-SWEEPINGSMSD

Percent Solids for Sample: NA **Duplicate ID** P4684-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	4340		4380		1		P
Barium	ug/L	20	5410		5420		0		P
Cadmium	ug/L	20	3830		3830		0		P
Chromium	ug/L	20	2070		2080		0		P
Copper	ug/L	20	1960		1960		0		P
Lead	ug/L	20	9230		9240		0		P
Mercury	ug/L	20	46.1		42.3		9		CV
Nickel	ug/L	20	2410		2430		1		P
Selenium	ug/L	20	10500		10600		1		P
Silver	ug/L	20	383		382		0		P
Zinc	ug/L	20	103000		101000		2		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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LABORATORY CONTROL SAMPLE SUMMARY

Client: ENTACT **SDG No.:** P4660

Contract: ENTA05 **Lab Code:** CHEM **Case No.:** P4660 **SAS No.:** P4660

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB164660BS							
Mercury	ug/L	4.0	3.94		98	80 - 120	CV

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LABORATORY CONTROL SAMPLE SUMMARY

Client: ENTACT **SDG No.:** P4660

Contract: ENTA05 **Lab Code:** CHEM **Case No.:** P4660 **SAS No.:** P4660

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB164665BS							
Arsenic	ug/L	4000	4120		103	80 - 120	P
Barium	ug/L	1000	970		97	80 - 120	P
Cadmium	ug/L	1000	963		96	80 - 120	P
Chromium	ug/L	2000	2010		100	80 - 120	P
Copper	ug/L	1500	1590		106	80 - 120	P
Lead	ug/L	5000	4920		98	80 - 120	P
Nickel	ug/L	2500	2460		98	80 - 120	P
Selenium	ug/L	10000	10400		104	80 - 120	P
Silver	ug/L	380	378		100	80 - 120	P
Zinc	ug/L	1000	1000		100	80 - 120	P

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

MECHANIC-ST-SWEEPINGSL

Lab Name: Chemtech Consulting Group **Contract:** ENTA05

Lab Code: CHEM **Lb No.:** lb133344 **Lab Sample ID :** P4684-01L **SDG No.:** P4660

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

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Arsenic	100	U	500	U			P
Barium	4480		4340		3		P
Cadmium	2970		3050		2		P
Chromium	129		134	J	3		P
Copper	505		531		5		P
Lead	4900		5220		7		P
Mercury	2.00	U	10.0	U			CV
Nickel	59.2	J	62.7	J	6		P
Selenium	100	U	500	U			P
Silver	50.0	U	250	U			P
Zinc	103000		152000		47		P

METAL PREPARATION & INSTRUMENT DATA

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: ENTACT **SDG No.:** P4660

Contract: ENTA05 **Lab Code:** CHEM **Case No.:** P4660 **SAS No.:** P4660

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
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
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
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: ENTACT **SDG No.:** P4660

Contract: ENTA05 **Lab Code:** CHEM **Case No.:** P4660 **SAS No.:** P4660

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
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
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
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: ENTACT **SDG No.:** P4660

Contract: ENTA05 **Lab Code:** CHEM **Case No.:** P4660 **SAS No.:** P4660

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
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
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
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: ENTACT **SDG No.:** P4660

Contract: ENTA05 **Lab Code:** CHEM **Case No.:** P4660 **SAS No.:** P4660

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
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
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
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: ENTACT **SDG No.:** P4660

Contract: ENTA05 **Lab Code:** CHEM **Case No.:** P4660 **SAS No.:** P4660

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

METAL PREPARATION & ANALYICAL SUMMARY

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Metals
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SAMPLE PREPARATION SUMMARY

Client: ENTACT **SDG No.:** P4660

Contract: ENTA05 **Lab Code:** CHEM **Method:**

Case No.: P4660 **SAS No.:** P4660

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB164660**						
P4660-03	WC-TA2-01-C	SAM	WATER	11/04/2024	3.0	30.0	
P4660-07	WC-WOOD-01-C	SAM	WATER	11/04/2024	3.0	30.0	
P4660-11	WC-CONCRETE-01-C	SAM	WATER	11/04/2024	3.0	30.0	
P4684-01DUP	MECHANIC-ST-SWEEPINGSDUP	DUP	WATER	11/04/2024	3.0	30.0	
P4684-01MS	MECHANIC-ST-SWEEPINGSMS	MS	WATER	11/04/2024	3.0	30.0	
P4684-01MSD	MECHANIC-ST-SWEEPINGSMSD	MSD	WATER	11/04/2024	3.0	30.0	
PB164560TB	PB164560TB	MB	WATER	11/04/2024	3.0	30.0	
PB164660BL	PB164660BL	MB	WATER	11/04/2024	30.0	30.0	
PB164660BS	PB164660BS	LCS	WATER	11/04/2024	30.0	30.0	

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Metals
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SAMPLE PREPARATION SUMMARY

Client: ENTACT **SDG No.:** P4660

Contract: ENTA05 **Lab Code:** CHEM **Method:**

Case No.: P4660 **SAS No.:** P4660

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB164665**						
P4660-03	WC-TA2-01-C	SAM	WATER	11/04/2024	5.0	25.0	
P4660-07	WC-WOOD-01-C	SAM	WATER	11/04/2024	5.0	25.0	
P4660-11	WC-CONCRETE-01-C	SAM	WATER	11/04/2024	5.0	25.0	
P4684-01DUP	MECHANIC-ST-SWEEPINGSDUP	DUP	WATER	11/04/2024	5.0	25.0	
P4684-01MS	MECHANIC-ST-SWEEPINGSMS	MS	WATER	11/04/2024	5.0	25.0	
P4684-01MSD	MECHANIC-ST-SWEEPINGSMSD	MSD	WATER	11/04/2024	5.0	25.0	
PB164560TB	PB164560TB	MB	WATER	11/04/2024	5.0	25.0	
PB164665BL	PB164665BL	MB	WATER	11/04/2024	5.0	25.0	
PB164665BS	PB164665BS	LCS	WATER	11/04/2024	5.0	25.0	

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metals
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ANALYSIS RUN LOG

Client: ENTACT **Contract:** ENTA05

Lab code: CHEM **Case no.:** P4660 **Sas no.:** P4660 **Sdg no.:** P4660

Instrument id number: **Method:** **Run number:** LB133297

Start date: 11/05/2024 **End date:** 11/05/2024

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1133	HG
S0.2	S0.2	1	1136	HG
S2.5	S2.5	1	1138	HG
S5	S5	1	1140	HG
S7.5	S7.5	1	1142	HG
S10	S10	1	1155	HG
ICV69	ICV69	1	1158	HG
ICB69	ICB69	1	1200	HG
CCV26	CCV26	1	1203	HG
CCB26	CCB26	1	1205	HG
CRA	CRA	1	1207	HG
PB164660BL	PB164660BL	1	1214	HG
PB164660BS	PB164660BS	1	1216	HG
CCV27	CCV27	1	1230	HG
CCB27	CCB27	1	1232	HG
P4660-03	WC-TA2-01-C	1	1237	HG
P4660-07	WC-WOOD-01-C	1	1239	HG
P4660-11	WC-CONCRETE-01-C	1	1241	HG
CCV28	CCV28	1	1257	HG
CCB28	CCB28	1	1259	HG
P4684-01DUP	MECHANIC-ST-SWEEPINGSL	1	1308	HG
P4684-01MS	MECHANIC-ST-SWEEPINGSM	1	1311	HG
P4684-01MSD	MECHANIC-ST-SWEEPINGSM	1	1313	HG
CCV29	CCV29	1	1332	HG
CCB29	CCB29	1	1334	HG
CCV30	CCV30	1	1408	HG
CCB30	CCB30	1	1411	HG
PB164560TB	PB164560TB	1	1426	HG
CCV31	CCV31	1	1429	HG
CCB31	CCB31	1	1431	HG
P4684-01L	MECHANIC-ST-SWEEPINGSL	5	1433	HG
CCV32	CCV32	1	1442	HG
CCB32	CCB32	1	1445	HG

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metals
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ANALYSIS RUN LOG

Client: ENTACT **Contract:** ENTA05

Lab code: CHEM **Case no.:** P4660 **Sas no.:** P4660 **Sdg no.:** P4660

Instrument id number: **Method:** **Run number:** LB133344

Start date: 11/07/2024 **End date:** 11/08/2024

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1323	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
S1	S1	1	1328	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
S2	S2	1	1332	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
S3	S3	1	1336	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
S4	S4	1	1340	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
S5	S5	1	1345	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
ICV01	ICV01	1	1349	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
LLICV01	LLICV01	1	1423	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
ICB01	ICB01	1	1438	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CRI01	CRI01	1	1442	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
ICSA01	ICSA01	1	1447	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
ICSAB01	ICSAB01	1	1451	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV01	CCV01	1	1501	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB01	CCB01	1	1505	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
P4660-03	WC-TA2-01-C	1	1518	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
P4660-07	WC-WOOD-01-C	1	1522	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
P4660-11	WC-CONCRETE-01-C	1	1527	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV02	CCV02	1	1553	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB02	CCB02	1	1558	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
P4684-01DUP	MECHANIC-ST-SWEEPINGSL	1	1615	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
P4684-01L	MECHANIC-ST-SWEEPINGSL	5	1620	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
P4684-01MS	MECHANIC-ST-SWEEPINGSM	1	1624	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
P4684-01MSD	MECHANIC-ST-SWEEPINGSM	1	1628	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
PB164560TB	PB164560TB	1	1636	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
PB164665BL	PB164665BL	1	1641	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV03	CCV03	1	1645	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB03	CCB03	1	1649	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
PB164665BS	PB164665BS	1	1654	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV04	CCV04	1	1756	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB04	CCB04	1	1804	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV05	CCV05	1	1832	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB05	CCB05	1	1837	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV06	CCV06	1	1908	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB06	CCB06	1	1912	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV07	CCV07	1	1958	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB07	CCB07	1	2002	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV08	CCV08	1	2058	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB08	CCB08	1	2102	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV09	CCV09	1	2151	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB09	CCB09	1	2155	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV10	CCV10	1	2252	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn

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metals
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ANALYSIS RUN LOG

Client: ENTACT **Contract:** ENTA05

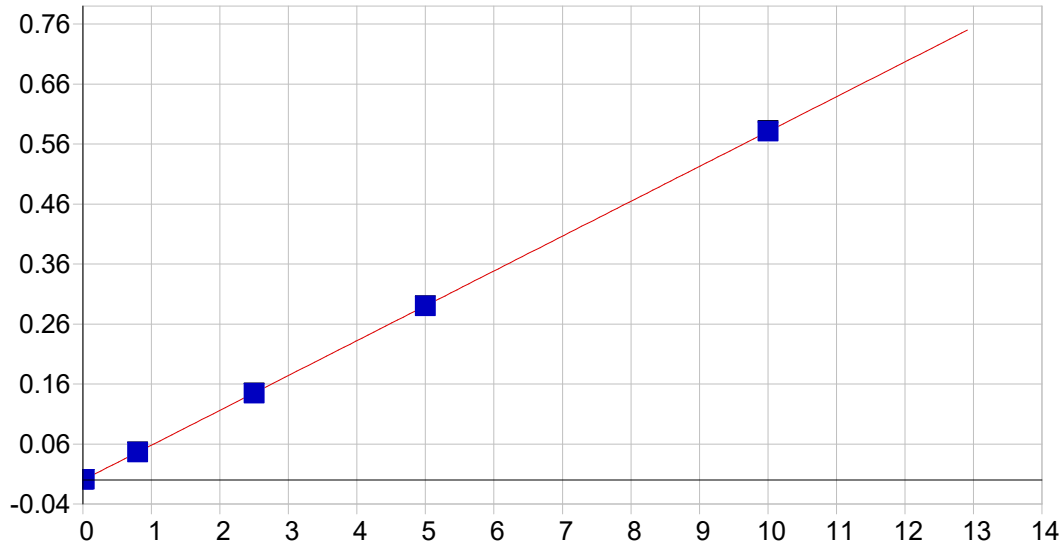
Lab code: CHEM **Case no.:** P4660 **Sas no.:** P4660 **Sdg no.:** P4660

Instrument id number: **Method:** **Run number:** LB133344

Start date: 11/07/2024 **End date:** 11/08/2024

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
CCB10	CCB10	1	2256	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV11	CCV11	1	2343	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB11	CCB11	1	2347	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV12	CCV12	1	0039	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB12	CCB12	1	0043	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV13	CCV13	1	0057	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB13	CCB13	1	0101	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn

METAL
RAW DATA

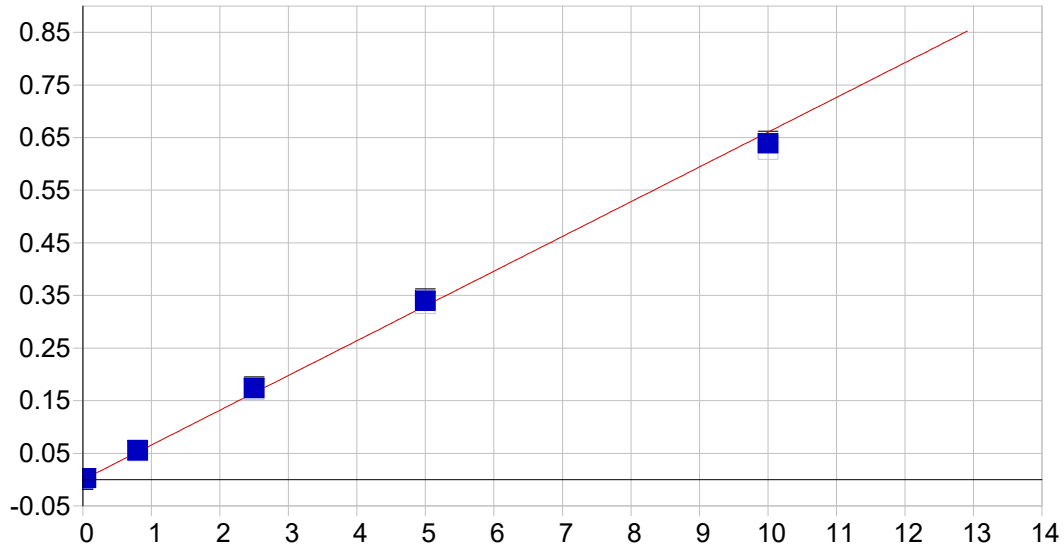


As 189.042 {479}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000119	Re-Slope:	1.000000
A1 (Gain):	0.058087	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999993	Status:	OK.
Std Error of Est:	0.000005		
Predicted MDL:	0.002411		
Predicted MQL:	0.008036		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00012	.000	1
S1	.02000	.02200	.002	9.99	.00115	.000	1
S3	2.5000	2.4906	-.009	-.375	.14440	.000	1
S4	5.0000	4.9949	-.005	-.102	.28971	.000	1
S5	10.000	10.010	.010	.098	.58070	.001	1
S2	.80000	.80268	.003	.335	.04646	.000	1



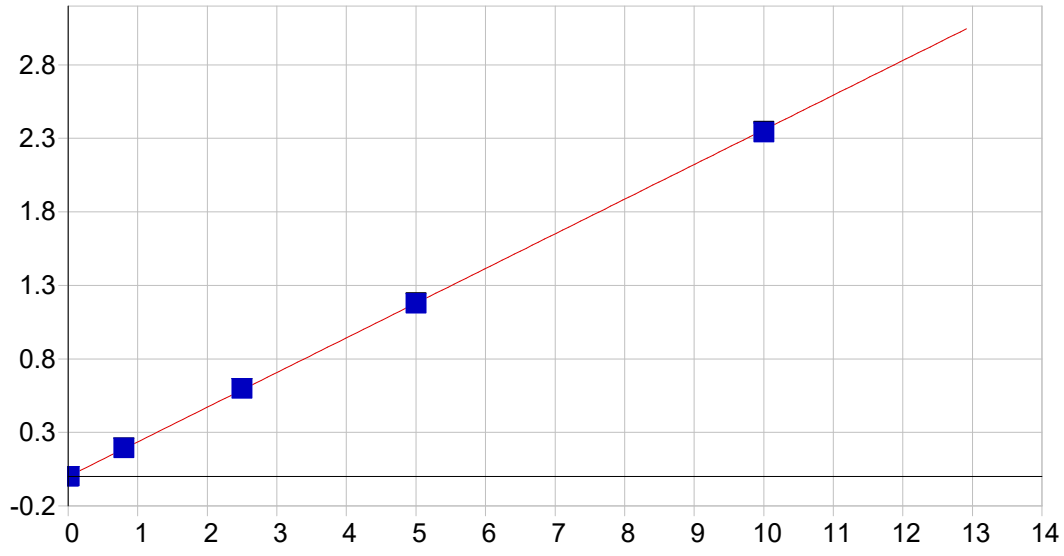
Tl 190.856 {477}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000221	Re-Slope:	1.000000
A1 (Gain):	0.066053	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999309	Status:	OK.
Std Error of Est:	0.000080		
Predicted MDL:	0.001795		
Predicted MQL:	0.005984		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00022	.000	1
S1	.04000	.04443	.004	11.1	.00254	.000	1
S3	2.5000	2.6311	.131	5.24	.17053	.002	1
S4	5.0000	5.1511	.151	3.02	.33394	.003	1
S5	10.000	9.6745	-.325	-3.25	.62664	.004	1
S2	.80000	.83902	.039	4.88	.05423	.001	1

Reviewed By:jaswal
On:11/9/2024 12:08:14 AM
Inst Id :P4
LB :LB133344

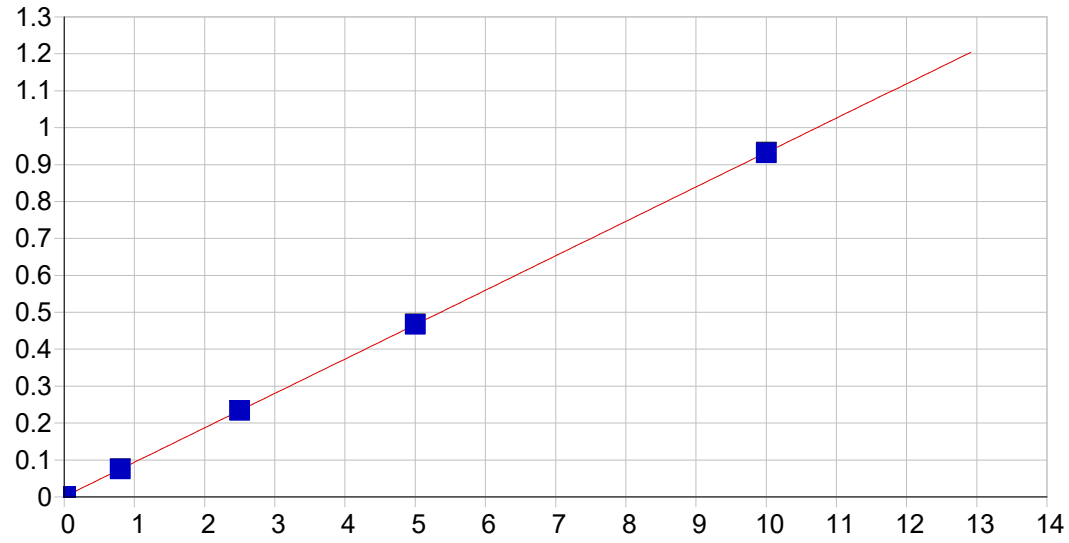


Pb 220.353 {453}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000188	Re-Slope:	1.000000
A1 (Gain):	0.235816	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999947	Status:	OK.
Std Error of Est:	0.000044		
Predicted MDL:	0.001061		
Predicted MQL:	0.003536		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00019	.000	1
S1	.01200	.01269	.001	5.71	.00275	.000	1
S3	2.5000	2.5379	.038	1.52	.59765	.002	1
S4	5.0000	5.0002	.000	.003	1.1776	.003	1
S5	10.000	9.9346	-.065	-.654	2.3400	.007	1
S2	.80000	.82662	.027	3.33	.19453	.000	1

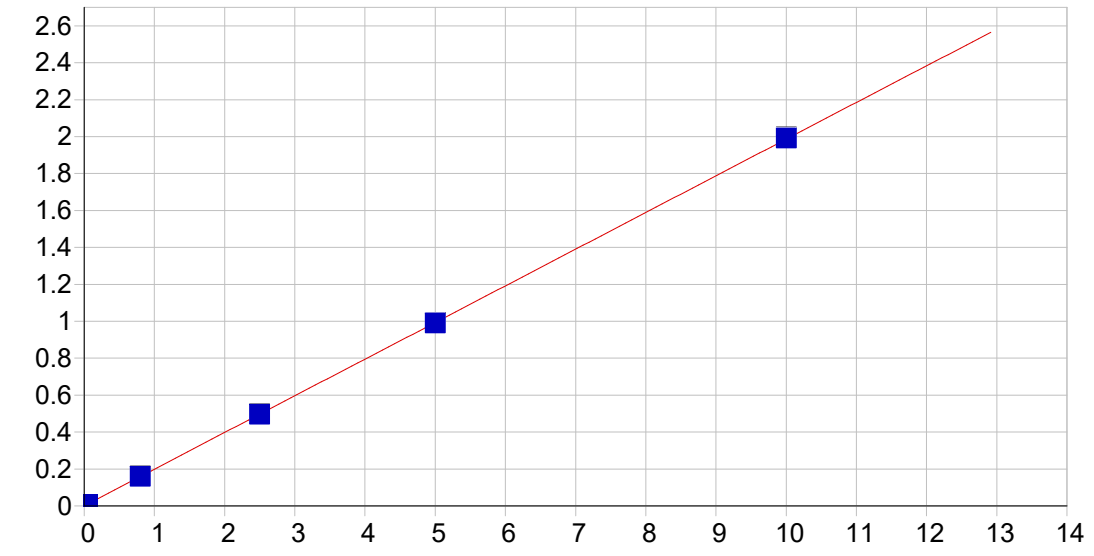


Se 196.090 {472}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000573	Re-Slope:	1.000000
A1 (Gain):	0.093199	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999999	Status:	OK.
Std Error of Est:	0.000003		
Predicted MDL:	0.002017		
Predicted MQL:	0.006724		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00057	.000	1
S1	.02000	.02029	.000	1.45	.00246	.000	1
S3	2.5000	2.5028	.003	.112	.23377	.000	1
S4	5.0000	5.0069	.007	.139	.46710	.001	1
S5	10.000	9.9873	-.013	-.127	.93115	.002	1
S2	.80000	.80265	.003	.332	.07536	.000	1

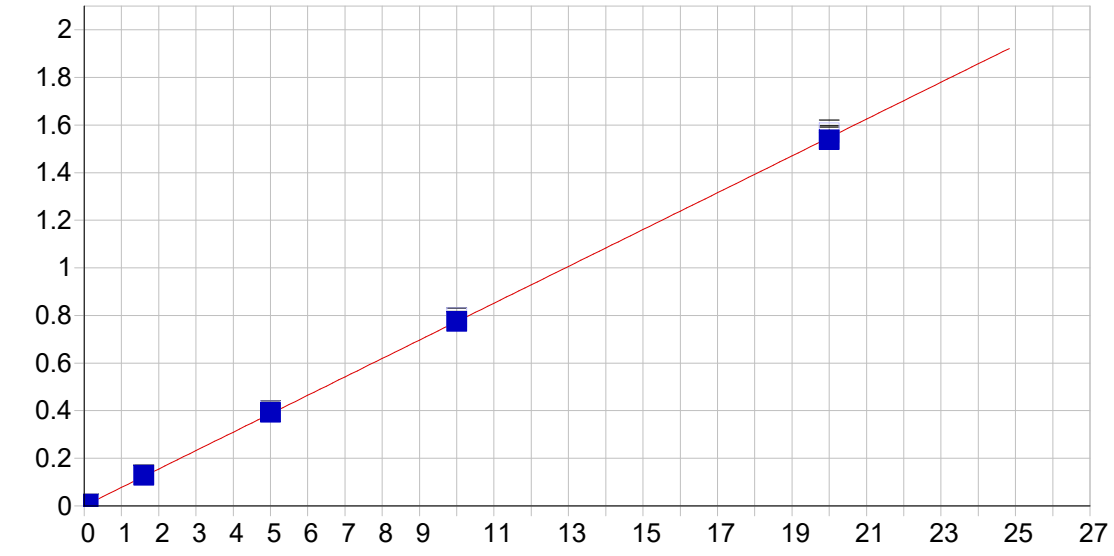


Sb 206.833 {463}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000312	Re-Slope:	1.000000
A1 (Gain):	0.198589	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999996	Status:	OK.
Std Error of Est:	0.000022		
Predicted MDL:	0.001155		
Predicted MQL:	0.003849		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00031	.000	1
S1	.05000	.04972	-.000	-.552	.01021	.000	1
S3	2.5000	2.4931	-.007	-.276	.49676	.001	1
S4	5.0000	4.9810	-.019	-.380	.99218	.001	1
S5	10.000	10.022	.022	.217	1.9959	.002	1
S2	.80000	.80445	.004	.556	.16050	.000	1



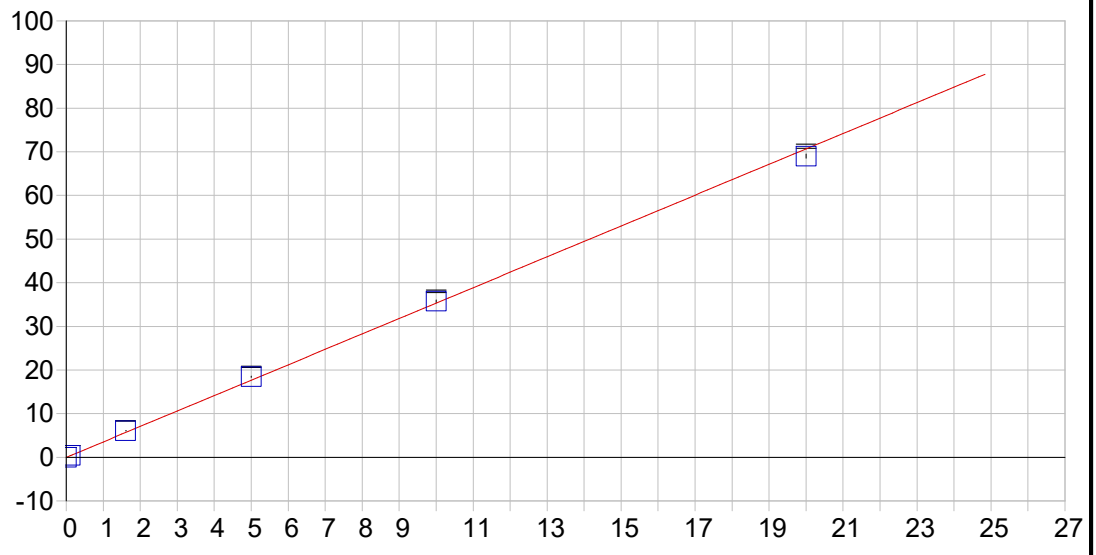
Al 396.152 { 85}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000396	Re-Slope:	1.000000
A1 (Gain):	0.077373	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999953	Status:	OK.
Std Error of Est:	0.000057		
Predicted MDL:	0.005612		
Predicted MQL:	0.018706		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00040	.000	1
S1	.10000	.10483	.005	4.83	.00911	.000	1
S3	5.0000	5.0653	.065	1.31	.39982	.001	1
S4	10.000	10.011	.011	.107	.78996	.001	1
S5	20.000	19.868	-.132	-.658	1.5677	.012	1
S2	1.6000	1.6505	.051	3.16	.13050	.000	1

Reviewed By:jaswal
On:11/9/2024 12:08:14 AM
Inst Id :P4
LB :LB133344

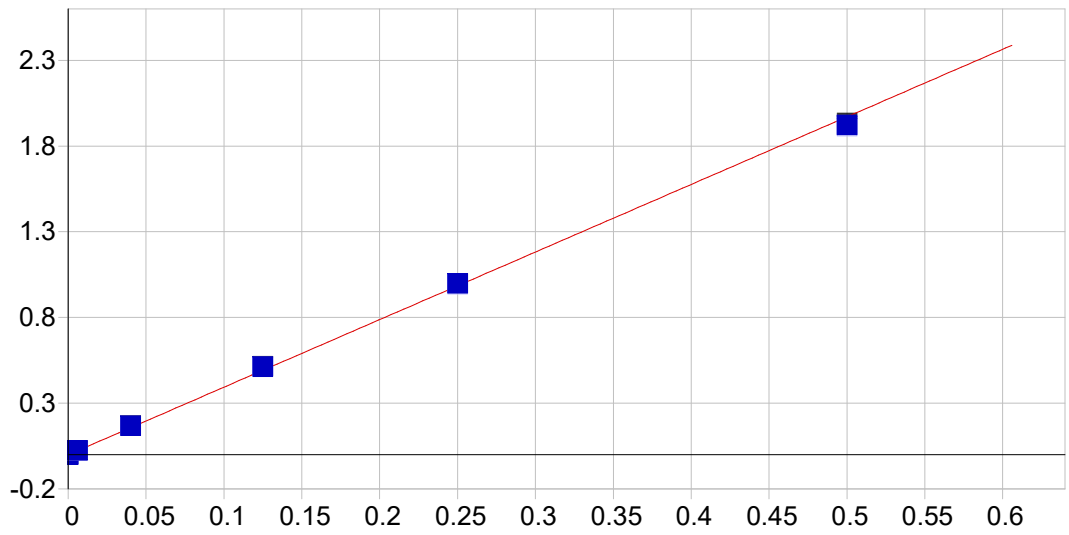


Ba 493.409 { 68}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.007482	Re-Slope:	1.000000
A1 (Gain):	3.533896	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999561	Status:	OK.
Std Error of Est:	0.007764		
Predicted MDL:	0.000421		
Predicted MQL:	0.001402		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00756	.001	1
S1	.10000	.11214	.012	12.1	.38882	.002	1
S3	5.0000	5.2210	.221	4.42	18.443	.127	1
S4	10.000	10.120	.120	1.20	35.755	.264	1
S5	20.000	19.530	-.470	-2.35	69.011	.497	1
S2	1.6000	1.7166	.117	7.29	6.0587	.001	1

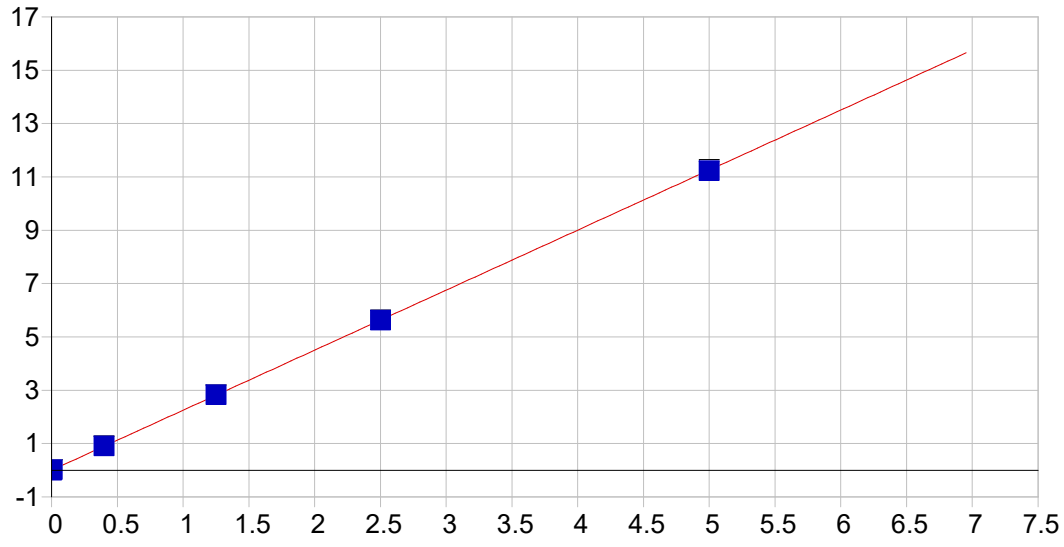


Be 234.861 {144}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000888	Re-Slope:	1.000000
A1 (Gain):	3.942409	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999567	Status:	OK.
Std Error of Est:	0.000332		
Predicted MDL:	0.000059		
Predicted MQL:	0.000198		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00089	.000	1
S1	.00600	.00625	.000	4.18	.02358	.000	1
S3	.12500	.13058	.006	4.46	.51171	.002	1
S4	.25000	.25330	.003	1.32	.99330	.000	1
S5	.50000	.48804	-.012	-2.39	1.9143	.011	1
S2	.04000	.04284	.003	7.09	.16728	.000	1

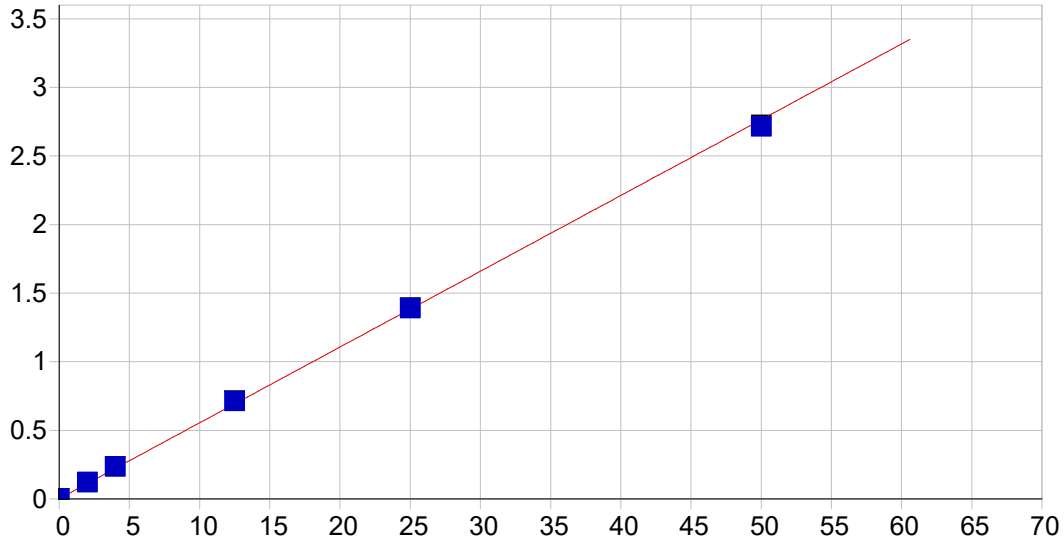


Cd 226.502 {449}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000183	Re-Slope:	1.000000
A1 (Gain):	2.251254	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999990	Status:	OK.
Std Error of Est:	0.000090		
Predicted MDL:	0.000086		
Predicted MQL:	0.000285		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00018	.000	1
S1	.00600	.00672	.001	12.0	.01500	.000	1
S3	1.2500	1.2547	.005	.377	2.8266	.004	1
S4	2.5000	2.5006	.001	.024	5.6335	.008	1
S5	5.0000	4.9895	-.011	-.211	11.241	.030	1
S2	.40000	.40449	.004	1.12	.91110	.002	1

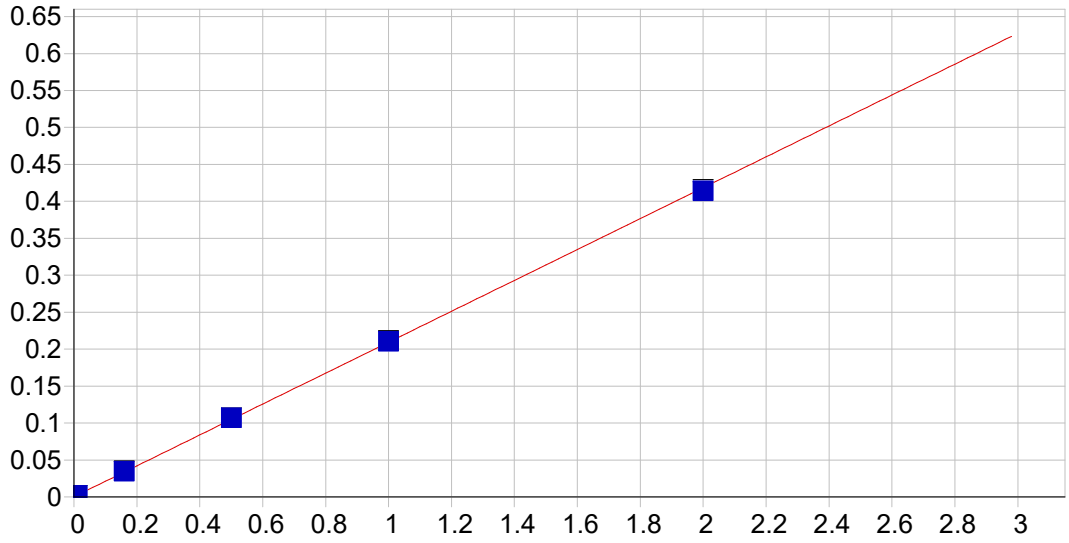


Ca 373.690 { 90}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002460	Re-Slope:	1.000000
A1 (Gain):	0.055247	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999730	Status:	OK.
Std Error of Est:	0.000679		
Predicted MDL:	0.007632		
Predicted MQL:	0.025441		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00029	-.000	.000	.00244	.000	1
S2	4.0000	4.2316	.232	5.79	.23624	.000	1
S3	12.500	12.889	.389	3.11	.71454	.002	1
S4	25.000	25.111	.111	.444	1.3898	.003	1
S5	50.000	49.132	-.868	-1.74	2.7168	.009	1
S1	2.0000	2.1362	.136	6.81	.12048	.001	1

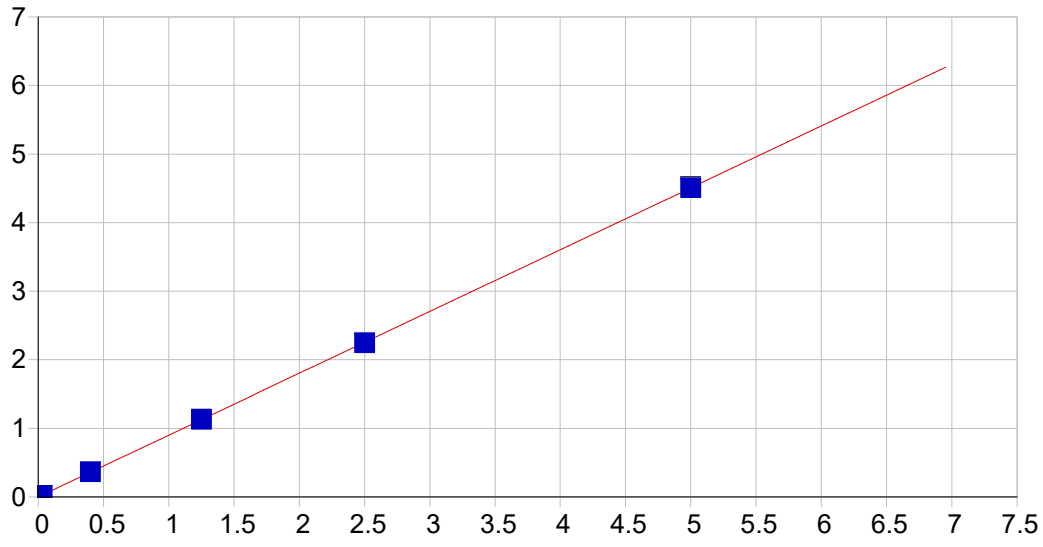


Cr 267.716 {126}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000240	Re-Slope:	1.000000
A1 (Gain):	0.209095	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999911	Status:	OK.
Std Error of Est:	0.000021		
Predicted MDL:	0.000363		
Predicted MQL:	0.001209		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00024	.000	1
S1	.01000	.00931	-.001	-6.93	.00219	.000	1
S3	.50000	.50950	.010	1.90	.10681	.000	1
S4	1.0000	1.0059	.006	.589	.21063	.001	1
S5	2.0000	1.9799	-.020	-1.01	.41434	.001	1
S2	.16000	.16544	.005	3.40	.03484	.000	1



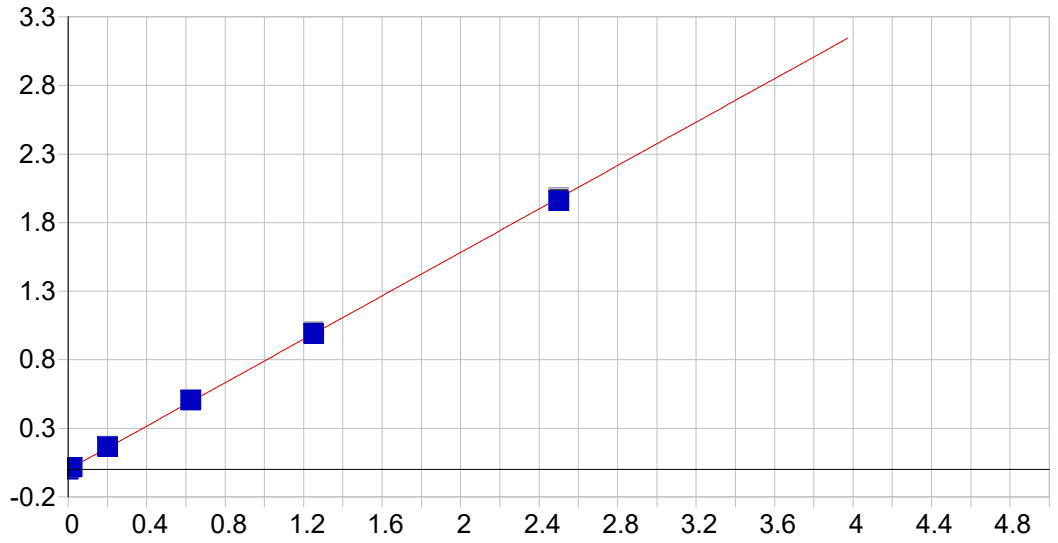
Co 228.616 {448}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000058	Re-Slope:	1.000000
A1 (Gain):	0.901382	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999993	Status:	OK.
Std Error of Est:	0.000067		
Predicted MDL:	0.000192		
Predicted MQL:	0.000641		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.03000	.03056	.001	1.87	.02749	.000	1
S3	1.2500	1.2520	.002	.161	1.1305	.001	1
S4	2.5000	2.4913	-.009	-.347	2.2495	.002	1
S5	5.0000	5.0004	.000	.009	4.5150	.014	1
S2	.40000	.40568	.006	1.42	.36634	.001	1

Reviewed By:jaswal
On:11/9/2024 12:08:14 AM
Inst Id :P4
LB :LB133344

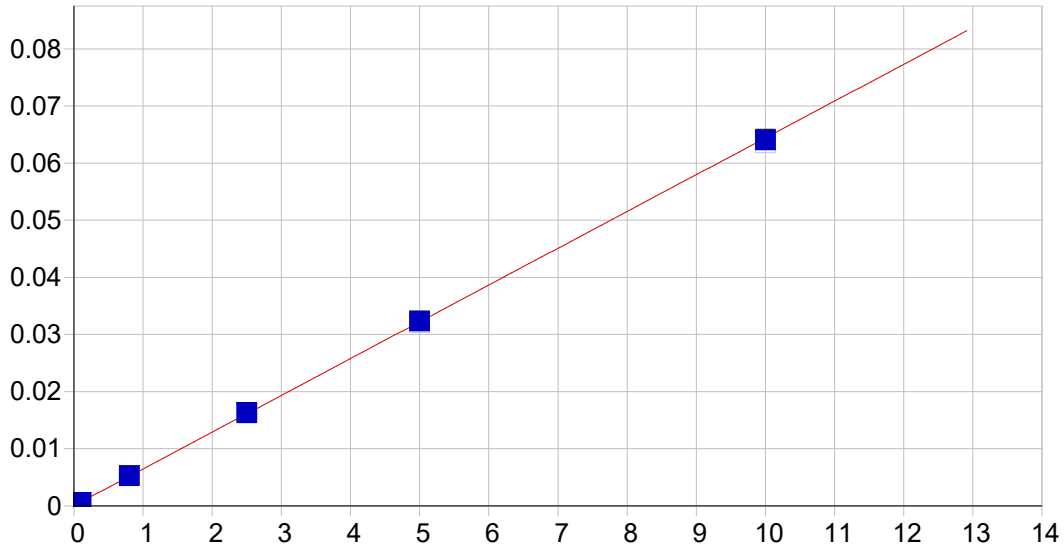


Cu 224.700 {450}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000088	Re-Slope:	1.000000
A1 (Gain):	0.791541	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999857	Status:	OK.
Std Error of Est:	0.000159		
Predicted MDL:	0.000380		
Predicted MQL:	0.001266		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00009	.000	1
S1	.02000	.02250	.002	12.5	.01792	.000	1
S3	.62500	.63732	.012	1.97	.50909	.001	1
S4	1.2500	1.2522	.002	.173	1.0005	.001	1
S5	2.5000	2.4731	-.027	-1.08	1.9763	.003	1
S2	.20000	.20993	.010	4.97	.16759	.001	1

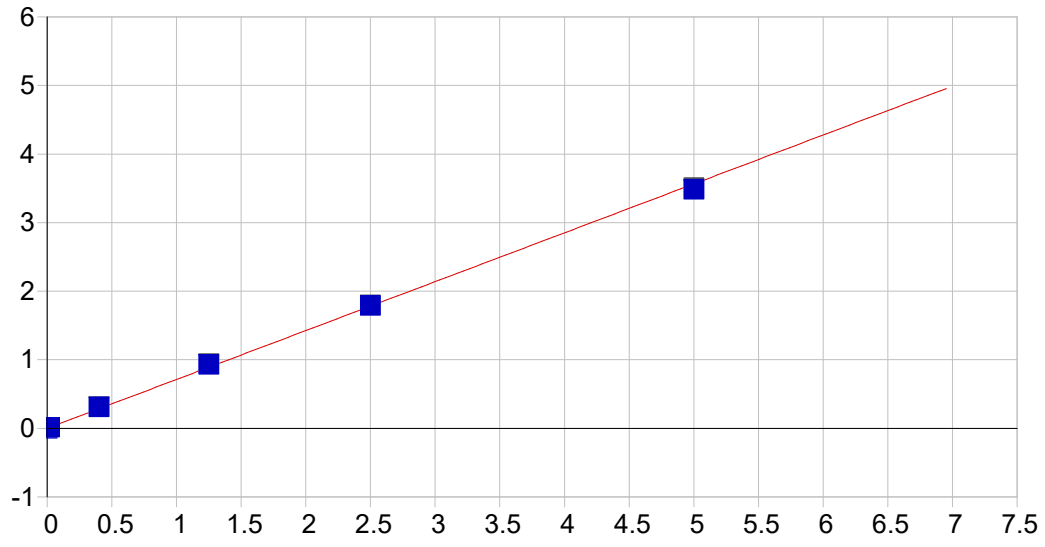


Fe 240.488 {140}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000037	Re-Slope:	1.000000
A1 (Gain):	0.006438	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999975	Status:	OK.
Std Error of Est:	0.000002		
Predicted MDL:	0.003770		
Predicted MQL:	0.012565		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00004	.000	1
S1	.10000	.09900	-.001	-1.00	.00067	.000	1
S3	2.5000	2.5267	.027	1.07	.01617	.000	1
S4	5.0000	5.0171	.017	.342	.03206	.000	1
S5	10.000	9.9439	-.056	-.561	.06351	.000	1
S2	.80000	.81321	.013	1.65	.00523	.000	1

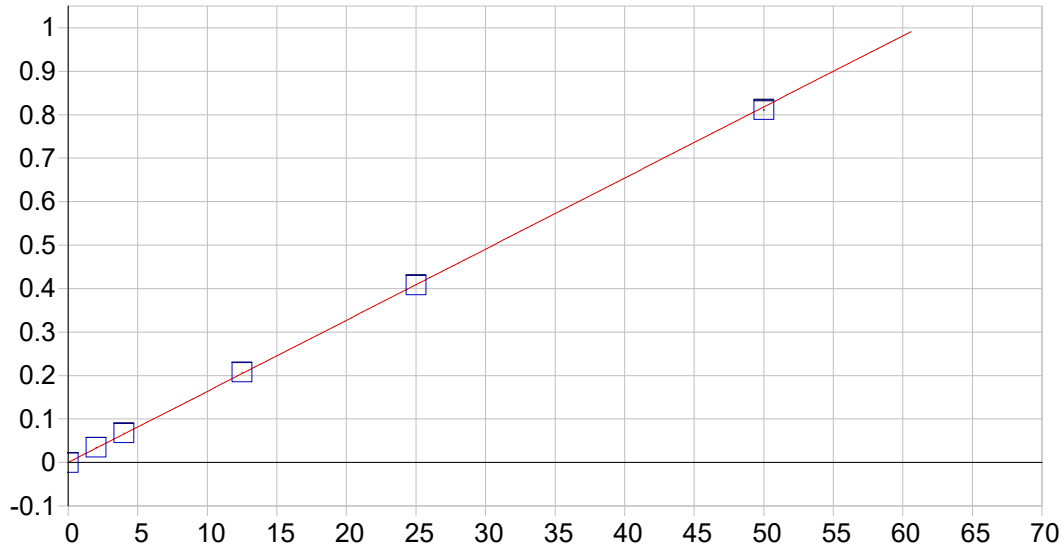


Mn 257.610 {131}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000090	Re-Slope:	1.000000
A1 (Gain):	0.712864	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999548	Status:	OK.
Std Error of Est:	0.000355		
Predicted MDL:	0.000263		
Predicted MQL:	0.000875		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00009	.000	1
S1	.02000	.02239	.002	12.0	.01606	.000	1
S3	1.2500	1.3080	.058	4.64	.93267	.005	1
S4	2.5000	2.5148	.015	.591	1.7931	.003	1
S5	5.0000	4.8911	-.109	-2.18	3.4875	.016	1
S2	.40000	.43379	.034	8.45	.30938	.001	1

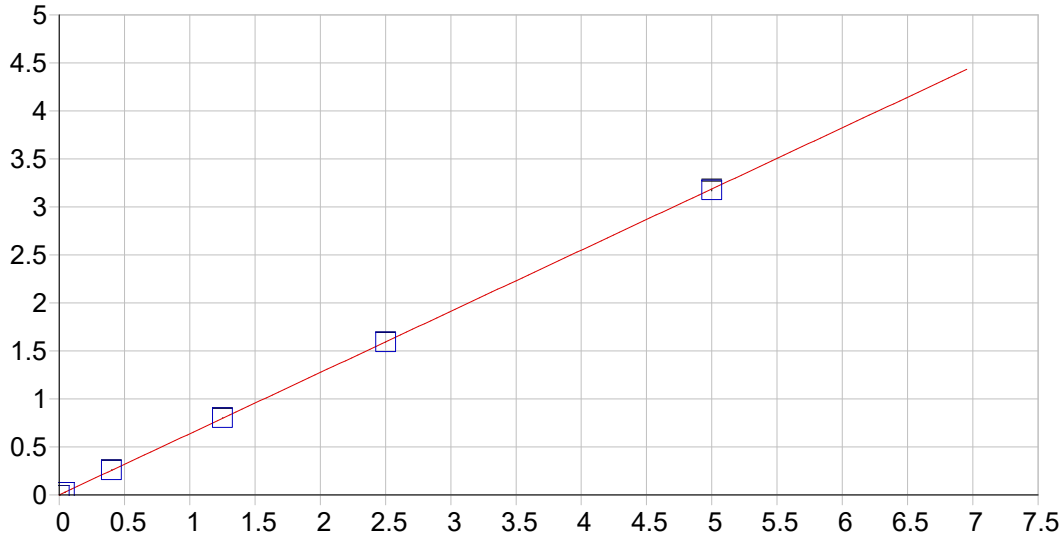


Mg 279.079 {121}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000240	Re-Slope:	1.000000
A1 (Gain):	0.016365	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999890	Status:	OK.
Std Error of Est:	0.000128		
Predicted MDL:	0.011861		
Predicted MQL:	0.039538		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00021	-.000	.000	-.00024	.000	1
S2	4.0000	4.1529	.153	3.82	.06772	.000	1
S3	12.500	12.688	.188	1.51	.20741	.001	1
S4	25.000	24.955	-.045	-.178	.40817	.000	1
S5	50.000	49.576	-.424	-.848	.81109	.002	1
S1	2.0000	2.1274	.127	6.37	.03458	.000	1

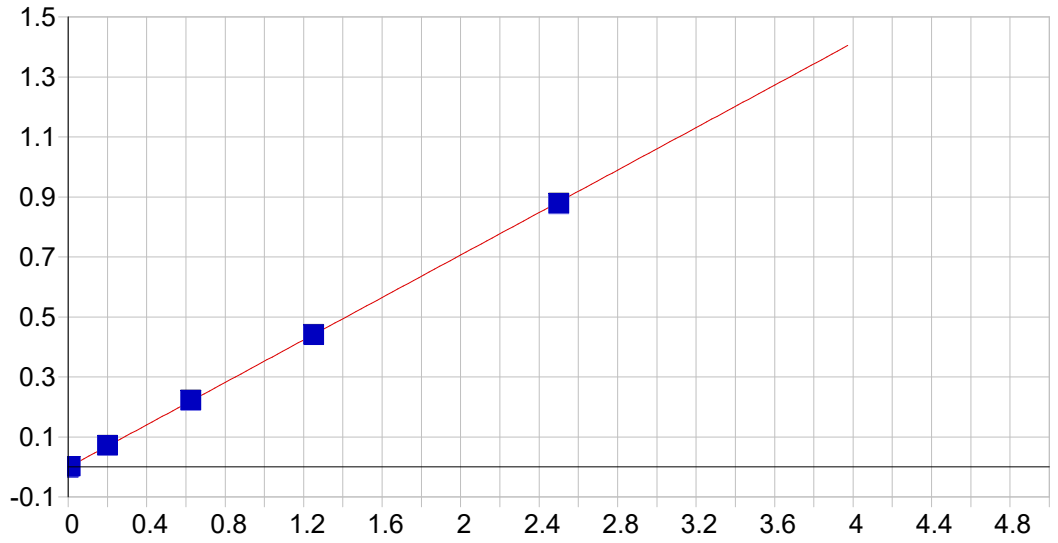


Ni 231.604 {446}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000267	Re-Slope:	1.000000
A1 (Gain):	0.637335	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999981	Status:	OK.
Std Error of Est:	0.000092		
Predicted MDL:	0.000306		
Predicted MQL:	0.001020		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00027	.000	1
S1	.04000	.03980	-.000	-.498	.02563	.000	1
S3	1.2500	1.2591	.009	.726	.80272	.001	1
S4	2.5000	2.4977	-.002	-.093	1.5921	.003	1
S5	5.0000	4.9839	-.016	-.322	3.1767	.009	1
S2	.40000	.40956	.010	2.39	.26130	.000	1



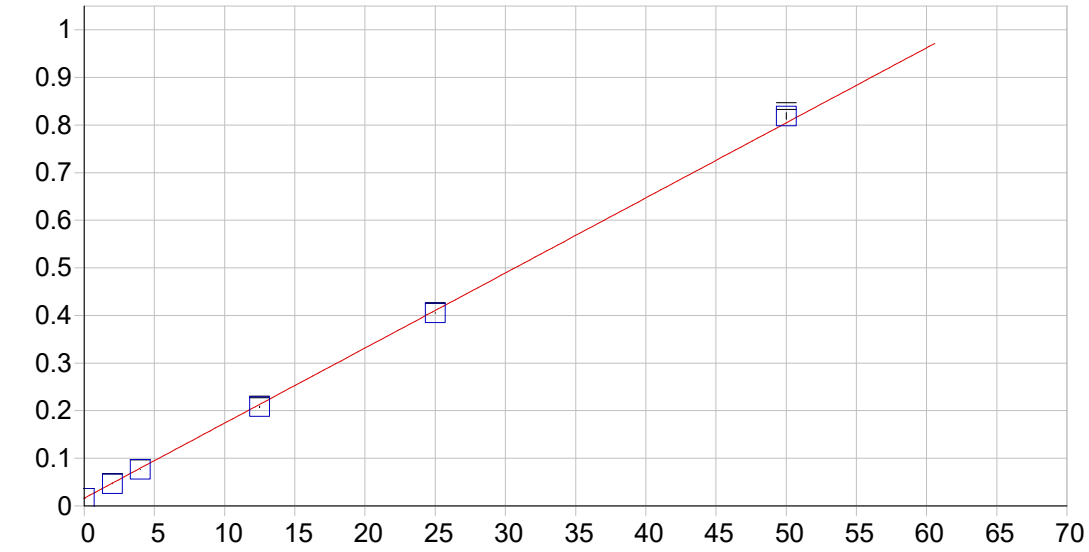
Ag 328.068 {103}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001468	Re-Slope:	1.000000
A1 (Gain):	0.353874	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999956	Status:	OK.
Std Error of Est:	0.000027		
Predicted MDL:	0.000302		
Predicted MQL:	0.001005		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00147	.000	1
S1	.01000	.01044	.000	4.40	.00220	.000	1
S3	.62500	.63161	.007	1.06	.22116	.000	1
S4	1.2500	1.2503	.000	.022	.43922	.001	1
S5	2.5000	2.4859	-.014	-.564	.87472	.001	1
S2	.20000	.20678	.007	3.39	.07142	.000	1

Reviewed By:jaswal
On:11/9/2024 12:08:14 AM
Inst Id :P4
LB :LB133344



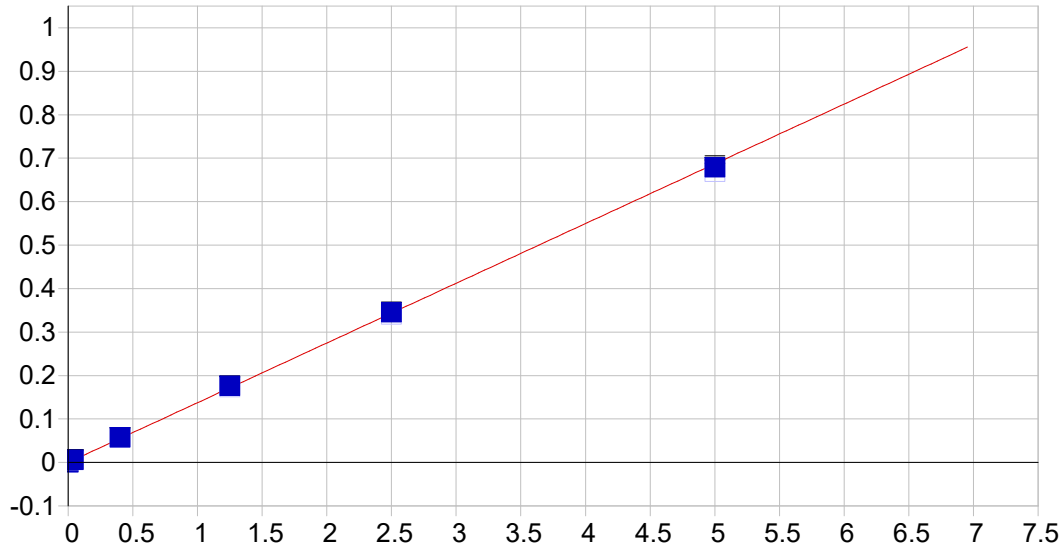
Na 589.592 { 57}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.016312	Re-Slope:	1.000000
A1 (Gain):	0.015767	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999779	Status:	OK.
Std Error of Est:	0.000175		
Predicted MDL:	0.009354		
Predicted MQL:	0.031181		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00021	.000	.000	.01632	.001	1
S2	4.0000	3.8118	-.188	-4.70	.07641	.000	1
S3	12.500	12.168	-.332	-2.66	.20816	.002	1
S4	25.000	24.683	-.317	-1.27	.40548	.001	1
S5	50.000	50.913	.913	1.83	.81905	.007	1
S1	2.0000	1.9243	-.076	-3.79	.04665	.000	1

Reviewed By:jaswal
On:11/9/2024 12:08:14 AM
Inst Id :P4
LB :LB133344



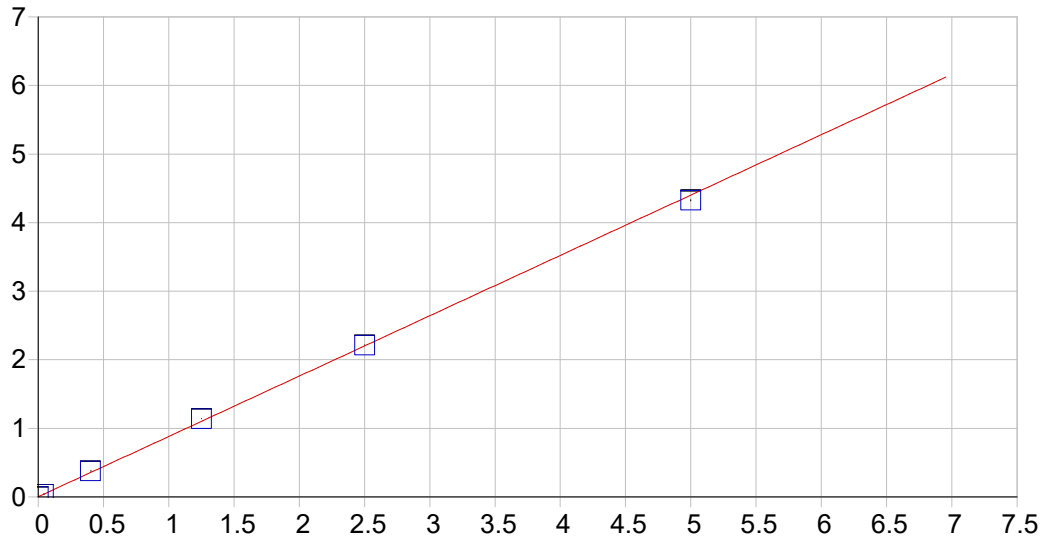
V 292.402 {115}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000017	Re-Slope:	1.000000
A1 (Gain):	0.137399	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999872	Status:	OK.
Std Error of Est:	0.000051		
Predicted MDL:	0.001451		
Predicted MQL:	0.004836		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.04000	.04186	.002	4.64	.00556	.000	1
S3	1.2500	1.2794	.029	2.35	.17330	.001	1
S4	2.5000	2.5132	.013	.528	.34032	.001	1
S5	5.0000	4.9389	-.061	-1.22	.66860	.004	1
S2	.40000	.41673	.017	4.18	.05647	.000	1

Reviewed By:jaswal
On:11/9/2024 12:08:14 AM
Inst Id :P4
LB :LB133344

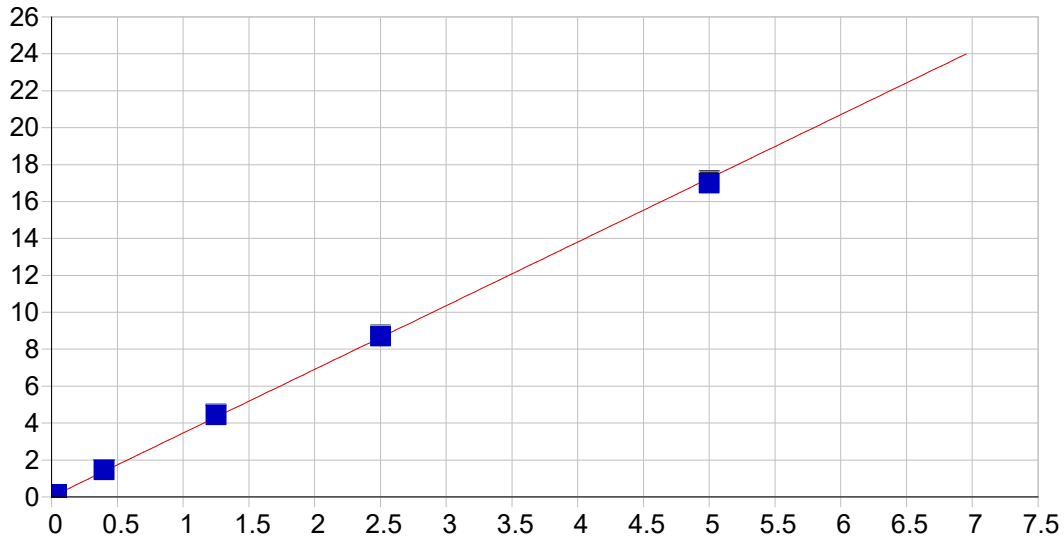


Zn 206.200 {464}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002374	Re-Slope:	1.000000
A1 (Gain):	0.879899	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999732	Status:	OK.
Std Error of Est:	0.000479		
Predicted MDL:	0.000211		
Predicted MQL:	0.000703		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00237	.000	1
S1	.04000	.04251	.003	6.28	.03978	.000	1
S3	1.2500	1.2915	.041	3.32	1.1387	.002	1
S4	2.5000	2.5134	.013	.536	2.2139	.004	1
S5	5.0000	4.9151	-.085	-1.70	4.3272	.009	1
S2	.40000	.42749	.027	6.87	.37853	.000	1



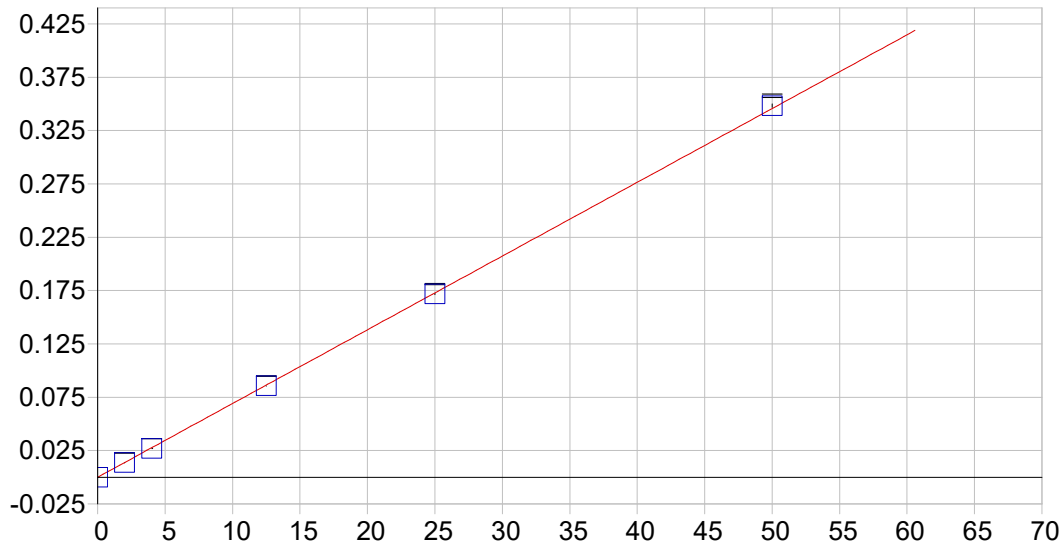
Zn 213.856 {158}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.010505	Re-Slope:	1.000000
A1 (Gain):	3.449114	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999818	Status:	OK.
Std Error of Est:	0.001556		
Predicted MDL:	0.000227		
Predicted MQL:	0.000756		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.01049	.001	1
S1	.04000	.04121	.001	3.02	.15361	.001	1
S3	1.2500	1.2855	.036	2.84	4.4744	.018	1
S4	2.5000	2.5182	.018	.729	8.7561	.011	1
S5	5.0000	4.9243	-.076	-1.51	17.115	.027	1
S2	.40000	.42070	.021	5.18	1.4712	.005	1

Reviewed By:jaswal
On:11/9/2024 12:08:14 AM
Inst Id :P4
LB :LB133344



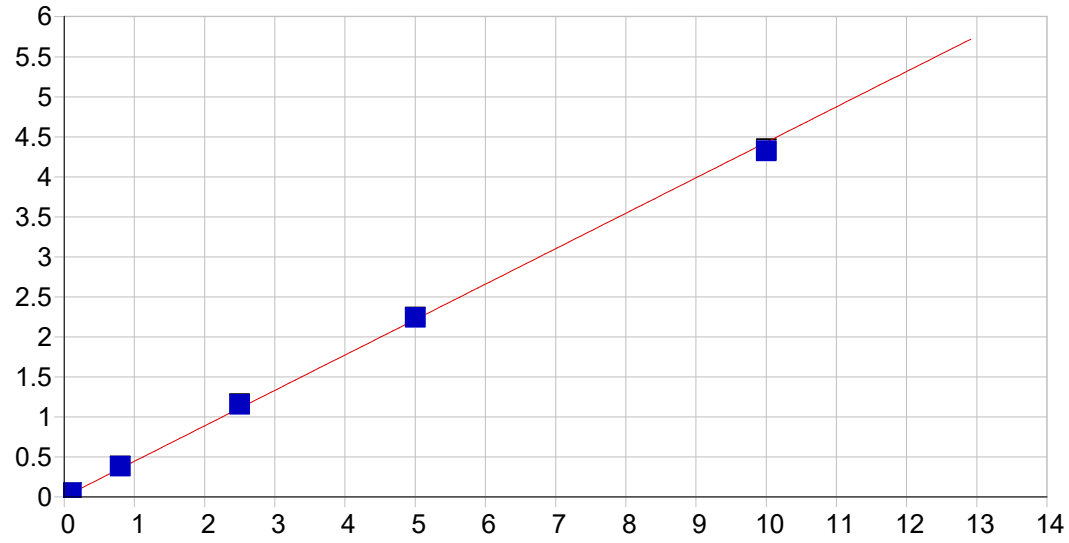
K 766.490 { 44}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000024	Re-Slope:	1.000000
A1 (Gain):	0.006913	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999959	Status:	OK.
Std Error of Est:	0.000033		
Predicted MDL:	0.023983		
Predicted MQL:	0.079944		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	-.00002	.000	1
S2	4.0000	3.8995	-.101	-2.51	.02693	.000	1
S3	12.500	12.383	-.117	-.933	.08558	.000	1
S4	25.000	24.855	-.145	-.581	.17180	.000	1
S5	50.000	50.386	.386	.771	.34830	.002	1
S1	2.0000	1.9768	-.023	-1.16	.01364	.000	1

Reviewed By:jaswal
On:11/9/2024 12:08:14 AM
Inst Id :P4
LB :LB133344

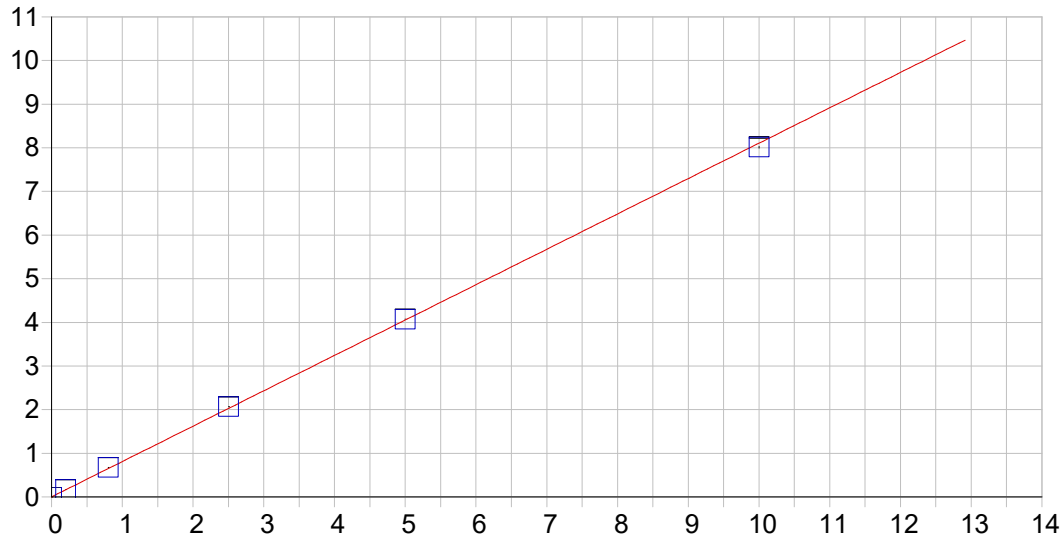


B 249.678 {135}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001926	Re-Slope:	1.000000
A1 (Gain):	0.442800	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999546	Status:	OK.
Std Error of Est:	0.000699		
Predicted MDL:	0.000647		
Predicted MQL:	0.002156		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00192	.000	1
S1	.10000	.11113	.011	11.1	.05095	.000	1
S3	2.5000	2.6096	.110	4.38	1.1553	.004	1
S4	5.0000	5.0590	.059	1.18	2.2377	.004	1
S5	10.000	9.7621	-.238	-2.38	4.3159	.025	1
S2	.80000	.85820	.058	7.28	.38125	.001	1



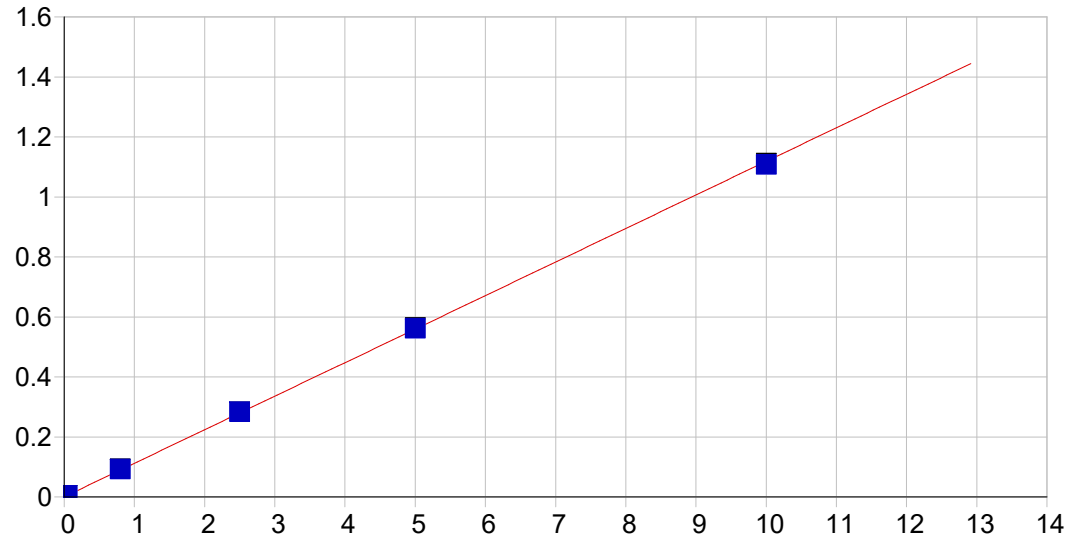
Mo 202.030 {467}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000430	Re-Slope:	1.000000
A1 (Gain):	0.810600	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999883	Status:	OK.
Std Error of Est:	0.000922		
Predicted MDL:	0.000241		
Predicted MQL:	0.000802		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00041	.000	1
S1	.20000	.21109	.011	5.54	.17154	.001	1
S3	2.5000	2.5488	.049	1.95	2.0665	.001	1
S4	5.0000	5.0243	.024	.486	4.0731	.006	1
S5	10.000	9.8838	-.116	-1.16	8.0122	.015	1
S2	.80000	.83204	.032	4.01	.67488	.001	1

Reviewed By:jaswal
On:11/9/2024 12:08:14 AM
Inst Id :P4
LB :LB133344



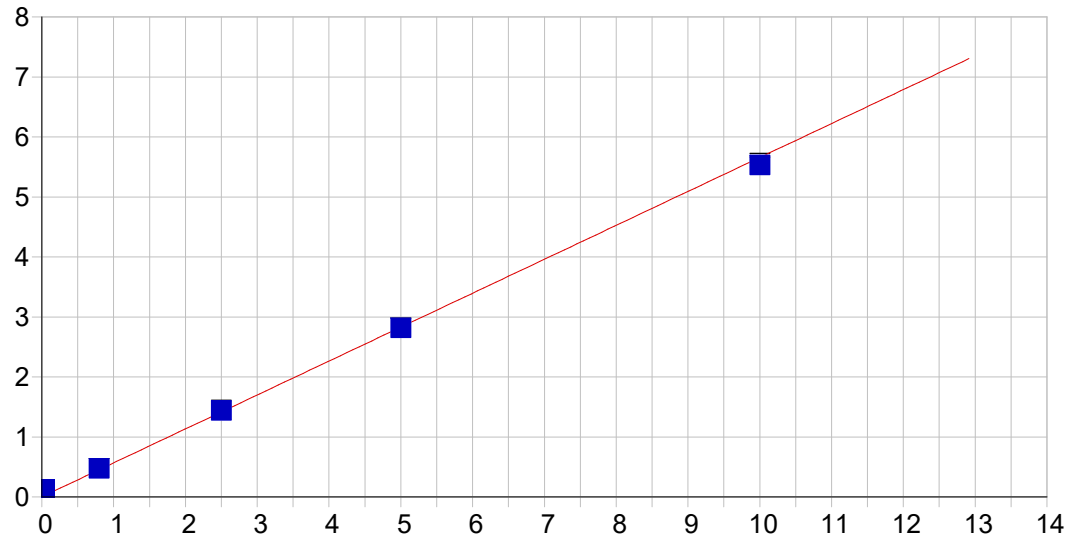
Sn 189.989 {478}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000235	Re-Slope:	1.000000
A1 (Gain):	0.111814	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999937	Status:	OK.
Std Error of Est:	0.000042		
Predicted MDL:	0.000784		
Predicted MQL:	0.002612		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00023	.000	1
S1	.04000	.04168	.002	4.20	.00489	.000	1
S3	2.5000	2.5393	.039	1.57	.28388	.001	1
S4	5.0000	5.0247	.025	.494	.56150	.002	1
S5	10.000	9.9106	-.089	-.894	1.1072	.004	1
S2	.80000	.82376	.024	2.97	.09225	.000	1

Reviewed By:jaswal
On:11/9/2024 12:08:14 AM
Inst Id :P4
LB :LB133344

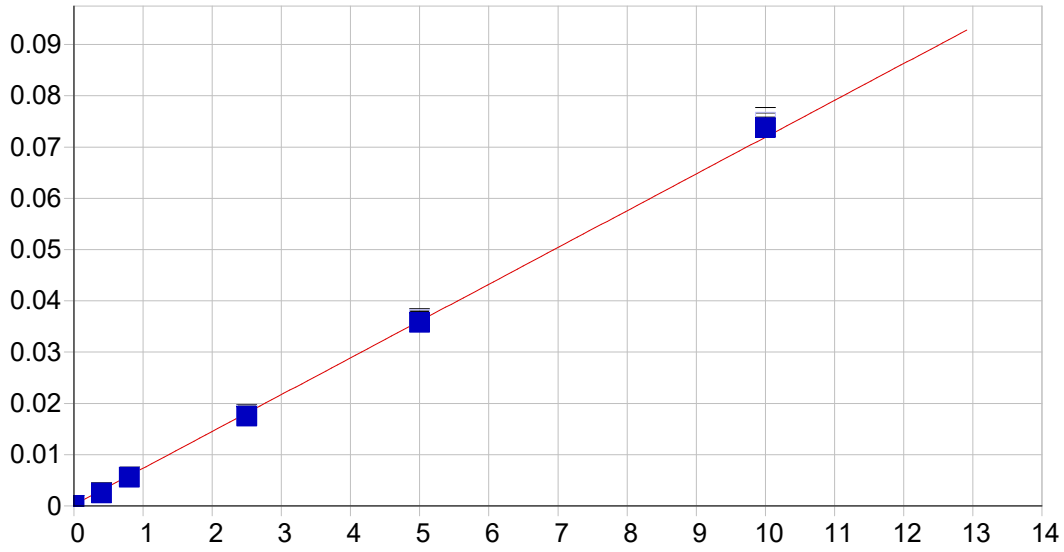


Ti 336.121 {100}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001917	Re-Slope:	1.000000
A1 (Gain):	0.565511	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.980633	Status:	OK.
Std Error of Est:	0.003743		
Predicted MDL:	0.000520		
Predicted MQL:	0.001734		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00017	-.000	.000	.00182	.001	1
S1	.04000	.21003	.170	425.	.12068	.000	1
S3	2.5000	2.5443	.044	1.77	1.4402	.007	1
S4	5.0000	4.9747	-.025	-.506	2.8141	.005	1
S5	10.000	9.7758	-.224	-2.24	5.5282	.030	1
S2	.80000	.83525	.035	4.41	.47409	.001	1

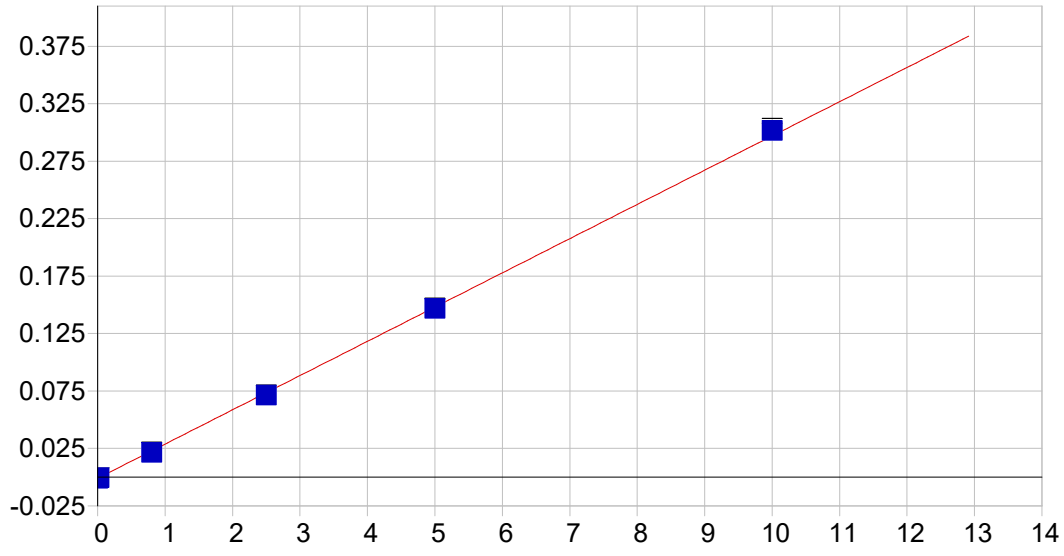


Si 288.158 {117}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000184	Re-Slope:	1.000000
A1 (Gain):	0.007174	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999288	Status:	OK.
Std Error of Est:	0.000029		
Predicted MDL:	0.005617		
Predicted MQL:	0.018723		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00011	.000	.000	.00018	.000	1
S1	.40000	.32522	-.075	-18.7	.00252	.000	1
S3	2.5000	2.4070	-.093	-3.72	.01772	.000	1
S4	5.0000	4.9601	-.040	-.798	.03631	.000	1
S5	10.000	10.256	.256	2.56	.07484	.001	1
S2	.80000	.75038	-.050	-6.20	.00565	.000	1

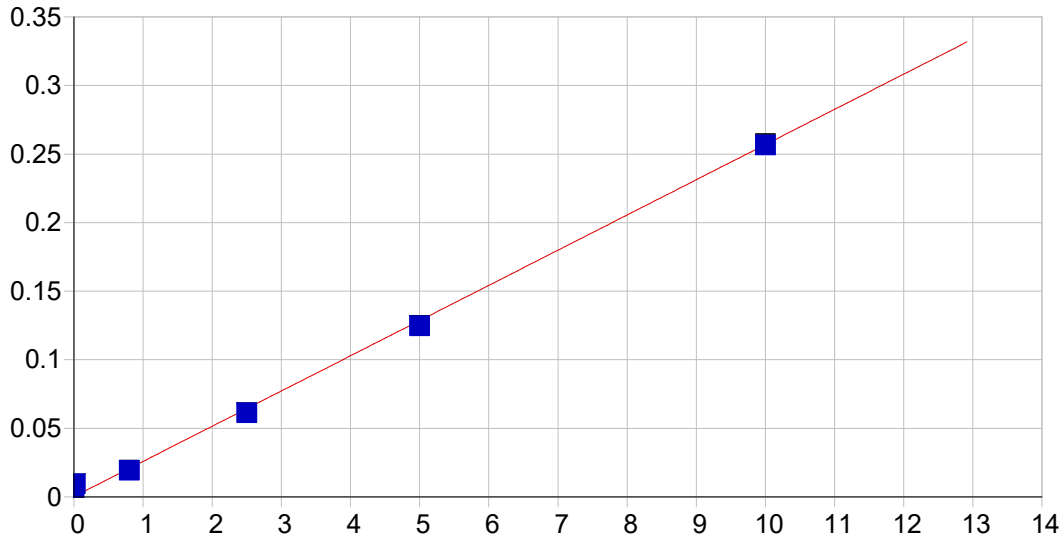


P 177.495 {490}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000988	Re-Slope:	1.000000
A1 (Gain):	0.029797	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999807	Status:	OK.
Std Error of Est:	0.000014		
Predicted MDL:	0.002657		
Predicted MQL:	0.008857		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00099	.000	1
S1	.02000	.01798	-.002	-10.1	-.00045	.000	1
S3	2.5000	2.4294	-.071	-2.83	.07139	.000	1
S4	5.0000	4.9598	-.040	-.804	.14678	.000	1
S5	10.000	10.154	.154	1.54	.30154	.002	1
S2	.80000	.75852	-.041	-5.19	.02161	.000	1

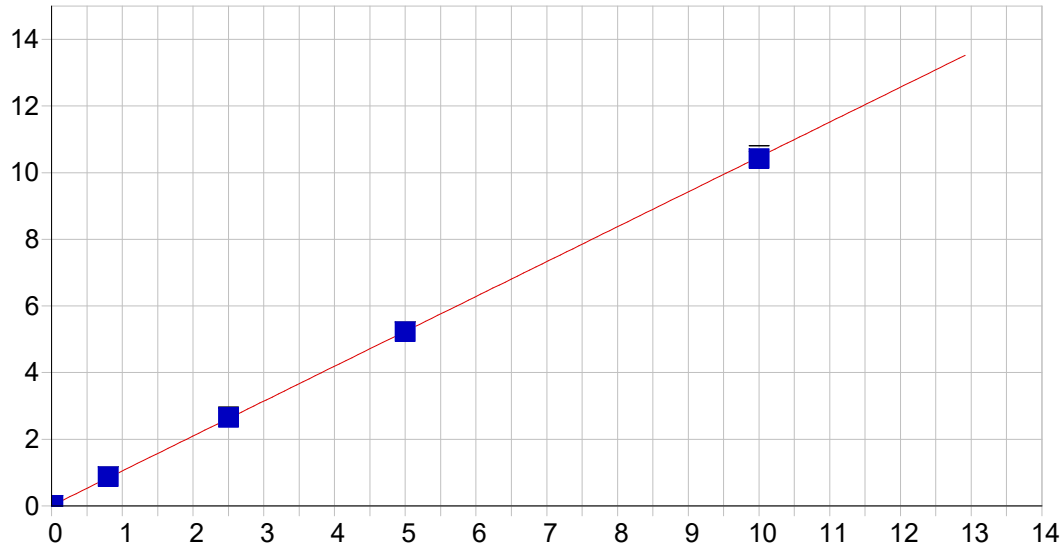


S 182.034 {485}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000230	Re-Slope:	1.000000
A1 (Gain):	0.025668	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.867623	Status:	OK.
Std Error of Est:	0.000344		
Predicted MDL:	0.003151		
Predicted MQL:	0.010502		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00034	-.000	.000	.00022	.000	1
S1	.02000	.36541	.345	1730.	.00959	.000	1
S3	2.5000	2.3811	-.119	-4.76	.06118	.000	1
S4	5.0000	4.8510	-.149	-2.98	.12441	.000	1
S5	10.000	9.9903	-.010	-.097	.25599	.001	1
S2	.80000	.74612	-.054	-6.74	.01933	.000	1

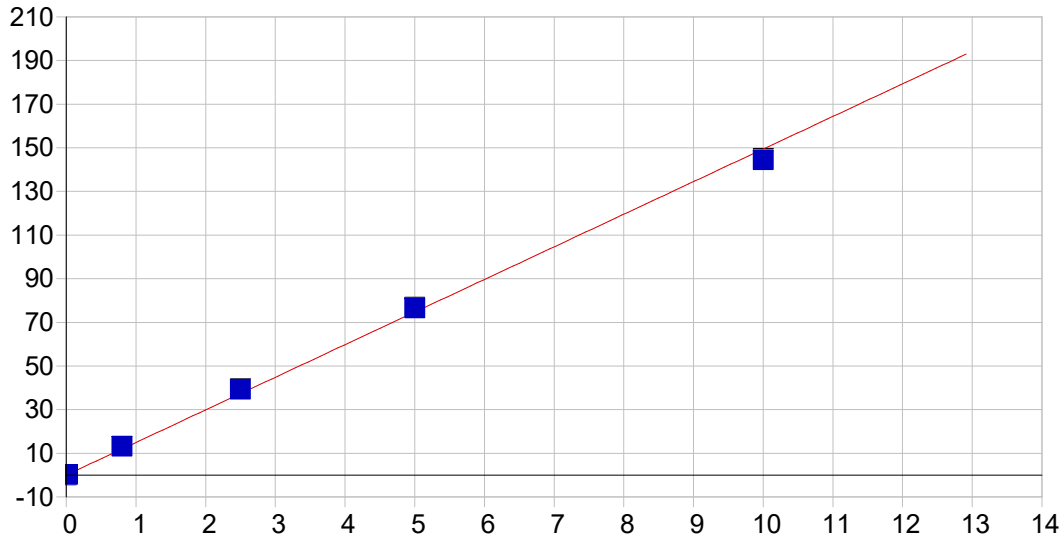


Li 670.784 { 50}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003574	Re-Slope:	1.000000
A1 (Gain):	1.046804	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999943	Status:	OK.
Std Error of Est:	0.000262		
Predicted MDL:	0.000744		
Predicted MQL:	0.002479		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00357	.000	1
S5	10.000	9.9488	-.051	-.512	10.427	.087	1
S4	5.0000	4.9862	-.014	-.276	5.2279	.005	1
S3	2.5000	2.5317	.032	1.27	2.6562	.016	1
S1	.02000	.02000	-.000	-.012	.02488	.001	1
S2	.80000	.83325	.033	4.16	.87658	.001	1

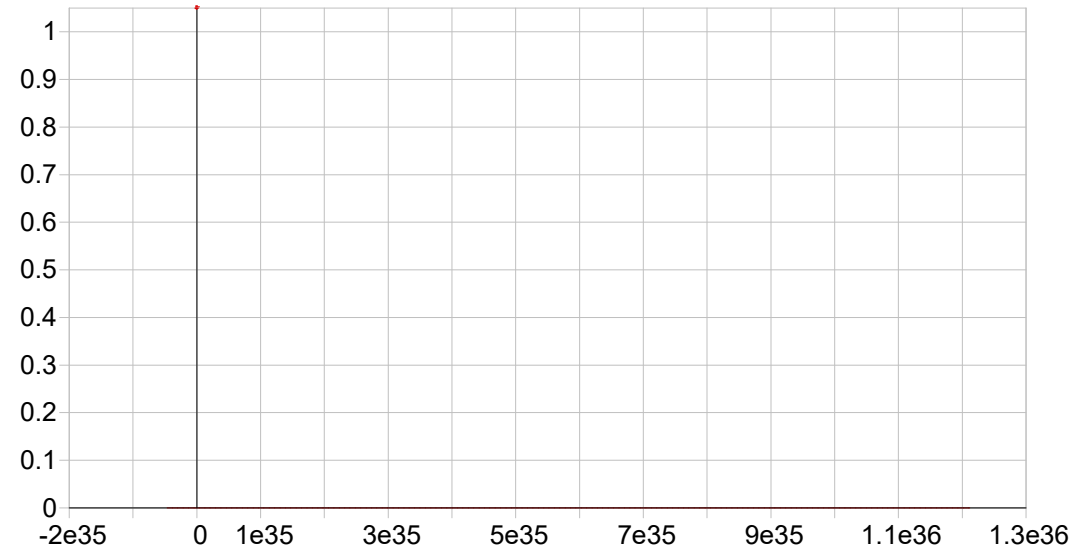


Sr 407.771 { 83}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000218	Re-Slope:	1.000000
A1 (Gain):	14.943523	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999231	Status:	OK.
Std Error of Est:	0.013758		
Predicted MDL:	0.000033		
Predicted MQL:	0.000109		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00029	.001	1
S1	.02000	.02200	.002	10.00	.33003	.002	1
S3	2.5000	2.6326	.133	5.30	39.377	.245	1
S4	5.0000	5.1183	.118	2.37	76.560	.370	1
S5	10.000	9.6703	-.330	-3.30	144.66	.504	1
S2	.80000	.87683	.077	9.60	13.115	.004	1

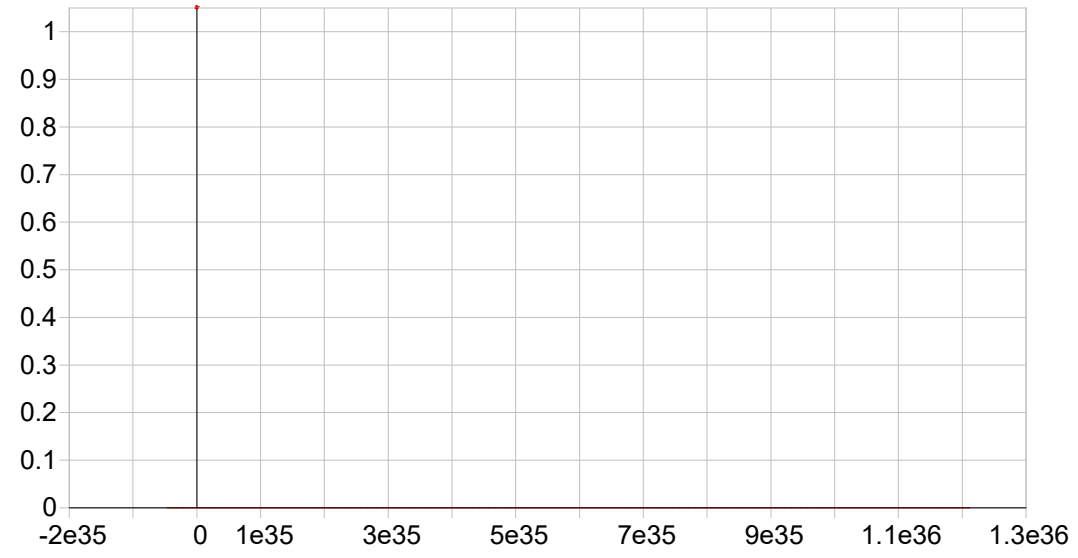


Y 224.306 {450}*

Date of Fit:	11/7/2024 14:52:19	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



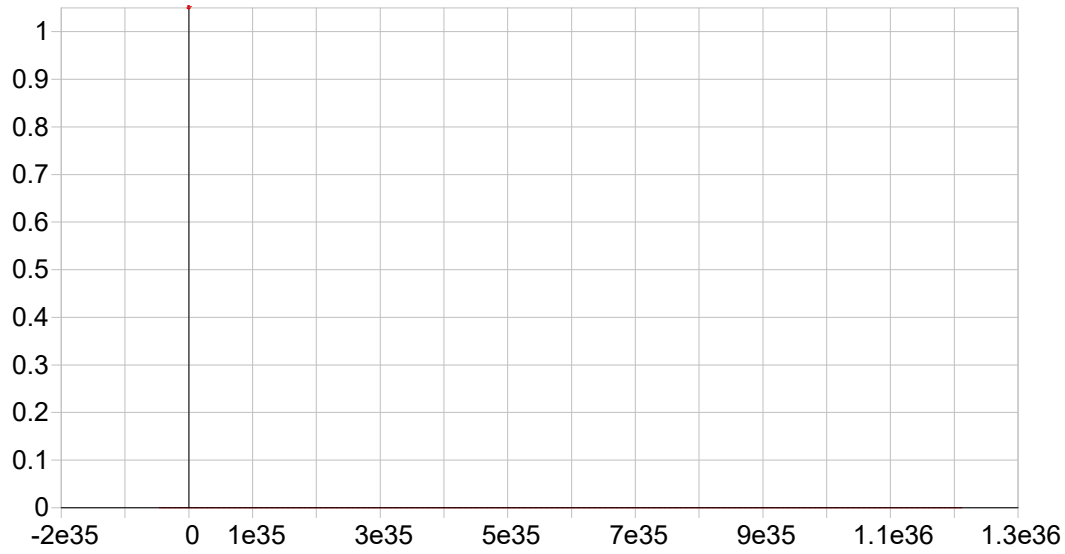
Y 360.073 { 94}*

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					

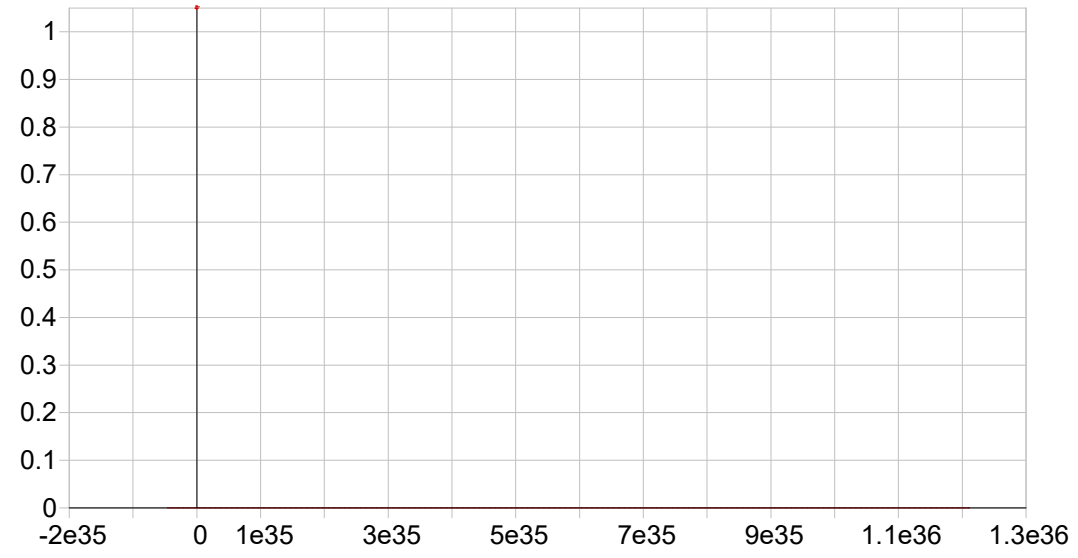
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



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				

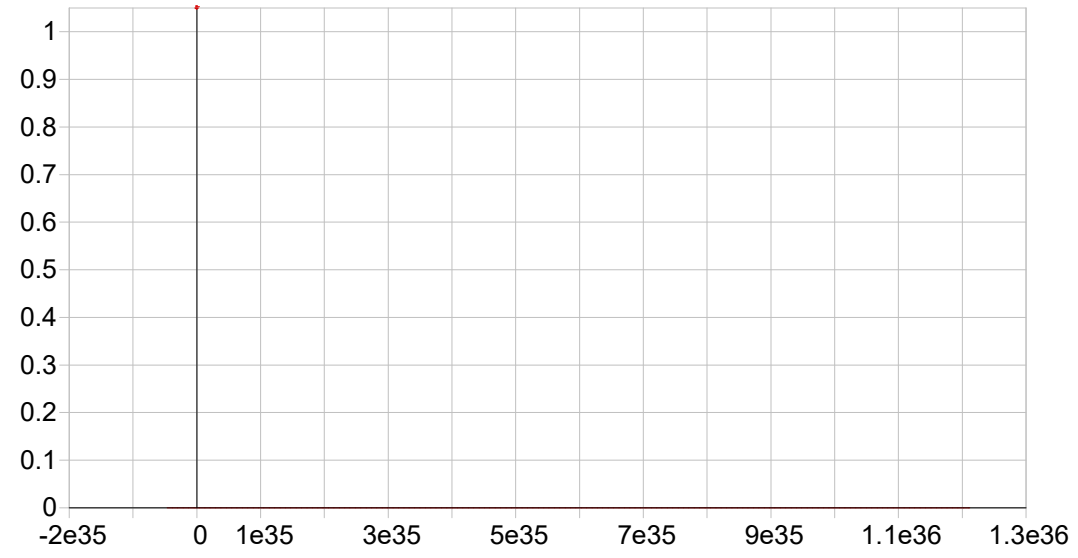
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Y 224.306 {150}*

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



In 230.606 {446}*

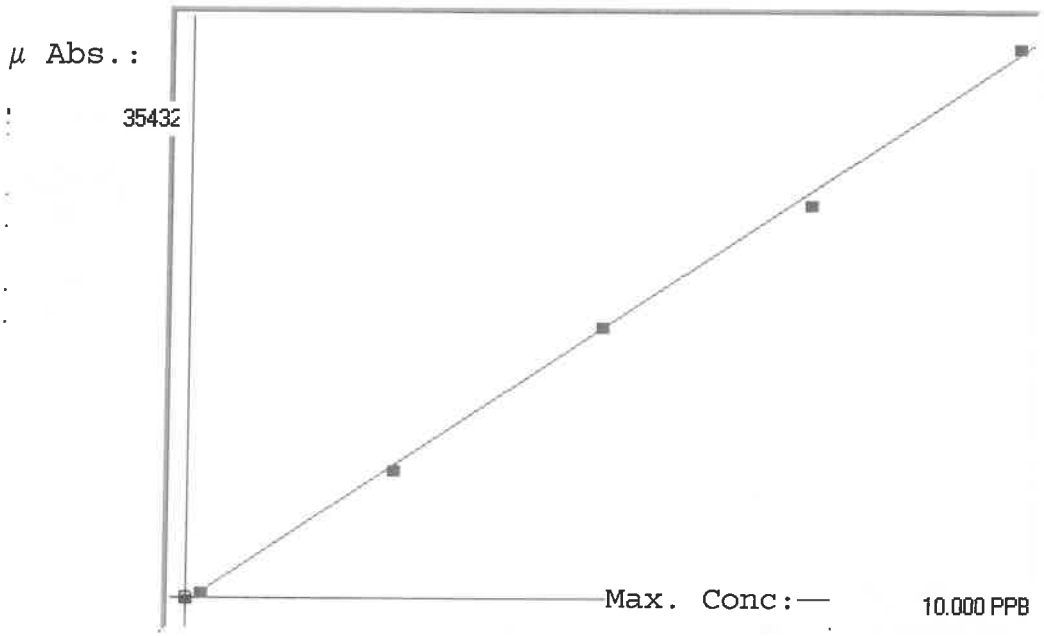
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	

A2 (Curvature):		0.000000					
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**

LB133297

7470A INSTRUMENT ID: CV1

Linear



A= 0.0000e+000

B= 2.8390e-004

C= 8.3529e-002

Rho= 0.9995353

Accept=Accepted

Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	%D
0.0	0.000	0.053	0.053	-109	0.000	-109	0				—
0.2	0.200	0.223	0.023	490	0.0 %	490					12
2.5	2.500	2.450	-0.050	8334	0.0 %	8334					-2
5.0	5.000	5.050	0.050	17494	0.0 %	17494					1
7.5	7.500	7.283	-0.217	25358	0.0 %	25358					-3
10.0	10.000	10.143	0.143	35432	0.0 %	35432					1

Reviewed By:mohan
On:11/5/2024 10:17:20 PM
Inst Id :CV1
LB :LB133297

LB133297 INSTRUMENT ID : CV1

Method: 7470A Operator: Admin Date of Analysis: 05 Nov 2024 11:28:30

Sample ID	Extended ID	µ Abs	Conc	Stnd Conc	Method	Units	Date	Type	Type
0.0 - 1	S0	-109	-	0.0000	7470A	PPB	05 Nov 2024 11:33:52	S	Std
0.2 - 1	S02	490	-	0.2000	7470A	PPB	05 Nov 2024 11:36:09	S	Std
2.5 - 1	S2.5	8334	-	2.5000	7470A	PPB	05 Nov 2024 11:38:25	S	Std
5.0 - 1	S5	17494	-	5.0000	7470A	PPB	05 Nov 2024 11:40:42	S	Std
7.5 - 1	S7.5	25358	-	7.5000	7470A	PPB	05 Nov 2024 11:42:58	S	Std
10.0 - 1	S10	35432	-	10.0000	7470A	PPB	05 Nov 2024 11:55:45	S	Std
ICV69 - 1	ICV69	13346	3.8724		7470A	PPB	05 Nov 2024 11:58:34	U	SMPL
ICB69 - 1	ICB69	-361	-0.0190		7470A	PPB	05 Nov 2024 12:00:49	U	SMPL
CCV26 - 1	CCV26	16471	4.7596		7470A	PPB	05 Nov 2024 12:03:06	U	SMPL
CCB26 - 1	CCB26	-363	-0.0195		7470A	PPB	05 Nov 2024 12:05:21	U	SMPL
CRA - 1	CRA	459	0.2138		7470A	PPB	05 Nov 2024 12:07:37	U	SMPL
HighStd - 1	HighStd	35445	10.1463		7470A	PPB	05 Nov 2024 12:09:53	U	SMPL
ChkStd - 1	ChkStd	21940	6.3122		7470A	PPB	05 Nov 2024 12:12:08	U	SMPL
PB164660BL - 1	PBW	-510	-0.0613		7470A	PPB	05 Nov 2024 12:14:26	U	SMPL
PB164660BS - 1	LCSW	13579	3.9386		7470A	PPB	05 Nov 2024 12:16:44	U	SMPL
P4640-04 - 1	MH-3	-367	-0.0207		7470A	PPB	05 Nov 2024 12:19:00	U	SMPL
P4643-04 - 1	BP-F9-ADDITIONAL	-129	0.0469		7470A	PPB	05 Nov 2024 12:21:18	U	SMPL
P4643-08 - 1	BP-F8	-85	0.0594		7470A	PPB	05 Nov 2024 12:23:35	U	SMPL
P4643-12 - 1	TP-9	-89	0.0583		7470A	PPB	05 Nov 2024 12:25:51	U	SMPL
P4645-04 - 1	Z-02-WC	-77	0.0617		7470A	PPB	05 Nov 2024 12:28:06	U	SMPL
CCV27 - 1	CCV27	17236	4.9768		7470A	PPB	05 Nov 2024 12:30:22	U	SMPL
CCB27 - 1	CCB27	-327	-0.0093		7470A	PPB	05 Nov 2024 12:32:36	U	SMPL
P4659-04 - 1	MH-2	-77	0.0617		7470A	PPB	05 Nov 2024 12:34:53	U	SMPL
P4660-03 - 1	WC-TA2-01-C	-55	0.0679		7470A	PPB	05 Nov 2024 12:37:08	U	SMPL
P4660-07 - 1	WC-WOOD-01-C	-73	0.0628		7470A	PPB	05 Nov 2024 12:39:24	U	SMPL
P4660-11 - 1	WC-CONCRETE-01-C	-72	0.0631		7470A	PPB	05 Nov 2024 12:41:39	U	SMPL
P4667-04 - 1	BP-F-6	-84	0.0597		7470A	PPB	05 Nov 2024 12:43:55	U	SMPL
P4667-08 - 1	BP-F-5	-78	0.0614		7470A	PPB	05 Nov 2024 12:46:11	U	SMPL
P4667-12 - 1	BP-F-10	-64	0.0654		7470A	PPB	05 Nov 2024 12:48:28	U	SMPL
P4667-16 - 1	BP-F-7	-58	0.0671		7470A	PPB	05 Nov 2024 12:50:44	U	SMPL
P4679-04 - 1	MH-1	-59	0.0668		7470A	PPB	05 Nov 2024 12:53:01	U	SMPL
P4680-04 - 1	BP-F26	0	0.0835		7470A	PPB	05 Nov 2024 12:55:16	U	SMPL
CCV28 - 1	CCV28	17106	4.9399		7470A	PPB	05 Nov 2024 12:57:32	U	SMPL
CCB28 - 1	CCB28	-300	-0.0016		7470A	PPB	05 Nov 2024 12:59:48	U	SMPL
P4680-08 - 1	BP-F25	-103	0.0543		7470A	PPB	05 Nov 2024 13:02:04	U	SMPL
P4682-02 - 1	BELL-SHOP-RAGS	-73	0.0628		7470A	PPB	05 Nov 2024 13:04:19	U	SMPL
P4684-01 - 1	MECHANIC-ST-SWEEPINGS	-57	0.0673		7470A	PPB	05 Nov 2024 13:06:35	U	SMPL
P4684-01DUP - 1	MECHANIC-ST-SWEEPINGSDUP	-28	0.0756		7470A	PPB	05 Nov 2024 13:08:50	U	SMPL
P4684-01MS - 1	MECHANIC-ST-SWEEPINGSMS	15929	4.6057		7470A	PPB	05 Nov 2024 13:11:06	U	SMPL
P4684-01MSD - 1	MECHANIC-ST-SWEEPINGSMSD	14622	4.2347		7470A	PPB	05 Nov 2024 13:13:22	U	SMPL
PB164687BL - 1	PBW	-305	-0.0031		7470A	PPB	05 Nov 2024 13:15:40	U	SMPL
PB164687BS - 1	LCSW	12294	3.5738		7470A	PPB	05 Nov 2024 13:22:37	U	SMPL
P4652-01 - 1	RW5-SP100-50-20241030	-251	0.0123		7470A	PPB	05 Nov 2024 13:24:54	U	SMPL
P4652-03 - 1	RW5-SP301-303-50-20241030	-166	0.0364		7470A	PPB	05 Nov 2024 13:27:11	U	SMPL
CCV29 - 1	CCV29	17742	5.1204		7470A	PPB	05 Nov 2024 13:32:08	U	SMPL
CCB29 - 1	CCB29	-352	-0.0164		7470A	PPB	05 Nov 2024 13:34:24	U	SMPL
P4652-04 - 1	RW5-SP100-90-20241030	-140	0.0438		7470A	PPB	05 Nov 2024 13:36:41	U	SMPL
P4652-06 - 1	RW5-SP301-303-90-20241030	-105	0.0537		7470A	PPB	05 Nov 2024 13:38:57	U	SMPL
P4661-03 - 1	102324-A	303	0.1696		7470A	PPB	05 Nov 2024 13:46:15	U	SMPL
P4661-03DUP - 1	102324-ADUP	171	0.1321		7470A	PPB	05 Nov 2024 13:48:30	U	SMPL
P4661-03MS - 1	102324-AMS	11553	3.3634		7470A	PPB	05 Nov 2024 13:50:47	U	SMPL
P4661-03MSD - 1	102324-AMSD	11171	3.2550		7470A	PPB	05 Nov 2024 13:53:03	U	SMPL
P4662-04DLX10 - 1	102524-D	166	0.1307		7470A	PPB	05 Nov 2024 13:59:42	U	SMPL
P4673-01 - 1	OUTFALL-001	165	0.1304		7470A	PPB	05 Nov 2024 14:01:58	U	SMPL
P4673-02 - 1	OUTFALL-002	-79	0.0611		7470A	PPB	05 Nov 2024 14:04:15	U	SMPL
P4673-03 - 1	OUTFALL-003	-27	0.0759		7470A	PPB	05 Nov 2024 14:06:30	U	SMPL
CCV30 - 1	CCV30	18033	5.2031		7470A	PPB	05 Nov 2024 14:08:45	U	SMPL
CCB30 - 1	CCB30	-114	0.0512		7470A	PPB	05 Nov 2024 14:11:01	U	SMPL
P4673-04 - 1	OUTFALL-004	-110	0.0523		7470A	PPB	05 Nov 2024 14:13:18	U	SMPL
P4673-05 - 1	OUTFALL-005	-87	0.0588		7470A	PPB	05 Nov 2024 14:15:34	U	SMPL
P4673-06 - 1	OUTFALL-006	31	0.0923		7470A	PPB	05 Nov 2024 14:17:49	U	SMPL
P4673-07 - 1	OUTFALL-007	-111	0.0520		7470A	PPB	05 Nov 2024 14:20:04	U	SMPL
P4674-01 - 1	OUTFALL-001	-7	0.0815		7470A	PPB	05 Nov 2024 14:22:20	U	SMPL
P4684-03 - 1	MECHANIC-ST-OIL-WATER	981	0.3620		7470A	PPB	05 Nov 2024 14:24:36	U	SMPL
PB164560TB - 1	PB164560TB	-198	0.0273		7470A	PPB	05 Nov 2024 14:26:52	U	SMPL
CCV31 - 1	CCV31	18853	5.4359		7470A	PPB	05 Nov 2024 14:29:09	U	SMPL
CCB31 - 1	CCB31	-146	0.0421		7470A	PPB	05 Nov 2024 14:31:26	U	SMPL
P4684-01LX5 - 1		-68	0.0642		7470A	PPB	05 Nov 2024 14:33:43	U	SMPL
P4684-01A - 1		14276	4.1365		7470A	PPB	05 Nov 2024 14:35:59	U	SMPL
P4661-03LX5 - 1		-91	0.0577		7470A	PPB	05 Nov 2024 14:38:15	U	SMPL
P4661-03A - 1		11752	3.4199		7470A	PPB	05 Nov 2024 14:40:33	U	SMPL
CCV32 - 1	CCV32	17695	5.1071		7470A	PPB	05 Nov 2024 14:42:49	U	SMPL
CCB32 - 1	CCB32	-159	0.0384		7470A	PPB	05 Nov 2024 14:45:07	U	SMPL

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB164665

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pippete ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

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

Start Digest Date: 11/04/2024 **Time :** 15:00 **Temp :** 96 °C

End Digest Date: 11/04/2024 **Time :** 17:10 **Temp :** 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: JBP

Supervisor Signature:

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6000
LFS-2	0.25	M6009
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Conc. HNO3	3.00	M6115
1:1 HCL	5.00	MP82127
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK #1 Cell #34 : 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/4/24 17:30	JBP / Met dig	[illegible] (metals lab)
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB164665

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
P4640-04	MH-3	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	1
P4643-04	BP-F9-ADDITIONAL	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	2
P4643-08	BP-F8	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	3
P4643-12	TP-9	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	4
P4645-04	Z-02-WC	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	5
P4659-04	MH-2	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	6
P4660-03	WC-TA2-01-C	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	7
P4660-07	WC-WOOD-01-C	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	8
P4660-11	WC-CONCRETE-01-C	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	9
P4667-04	BP-F-6	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	10
P4667-08	BP-F-5	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	11
P4667-12	BP-F-10	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	12
P4667-16	BP-F-7	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	13
P4679-04	MH-1	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	14
P4680-04	BP-F26	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	15
P4680-08	BP-F25	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	16
P4682-02	BELL-SHOP-RAGS	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	17
P4684-01	MECHANIC-ST-SWEEPINGS	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	18
P4684-01DUP	MECHANIC-ST-SWEEPINGS DUP	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	19
P4684-01MS	MECHANIC-ST-SWEEPINGS MS	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	20
P4684-01MSD	MECHANIC-ST-SWEEPINGS MSD	<2	5	25	Colorless	Colorless	Clear	Clear	M6000,M6009	21
PB164560TB	PB164560TB	<2	5	25	Colorless	Colorless	Clear	Clear	M6000,M6009	22
PB164665BL	PBS665	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	23
PB164665BS	LCS665	<2	5	25	Colorless	Colorless	Clear	Clear	M6000,M6009	24

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB164560

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
P4640-04	MH-3	01	100.02	2000	N/A	N/A	N/A	3.0	1.0	T-1
P4643-04	BP-F9-ADDITIONAL	02	100.03	2000	N/A	N/A	N/A	7.2	1.5	T-1
P4643-08	BP-F8	03	100.04	2000	N/A	N/A	N/A	6.0	1.0	T-1
P4643-12	TP-9	04	100.03	2000	N/A	N/A	N/A	6.2	1.5	T-1
P4645-04	Z-02-WC	05	100.04	2000	N/A	N/A	N/A	7.2	1.0	T-1
P4659-04	MH-2	06	100.02	2000	N/A	N/A	N/A	7.0	1.5	T-1
P4660-03	WC-TA2-01-C	07	100.03	2000	N/A	N/A	N/A	11.5	1.0	T-1
P4660-07	WC-WOOD-01-C	08	100.04	2000	N/A	N/A	N/A	10.5	1.5	T-1
P4660-11	WC-CONCRETE-01-C	09	100.03	2000	N/A	N/A	N/A	7.6	1.0	T-1
P4667-04	BP-F-6	10	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-1
P4667-08	BP-F-5	11	100.03	2000	N/A	N/A	N/A	5.6	1.0	T-2
P4667-12	BP-F-10	12	100.04	2000	N/A	N/A	N/A	5.8	1.5	T-2
P4667-16	BP-F-7	13	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-2
P4679-04	MH-1	14	100.02	2000	N/A	N/A	N/A	8.6	1.5	T-2
P4680-04	BP-F26	15	100.02	2000	N/A	N/A	N/A	7.2	1.5	T-2
P4680-08	BP-F25	16	100.01	2000	N/A	N/A	N/A	7.2	1.0	T-2
P4682-02	BELL-SHOP-RAGS	17	100.02	2000	N/A	N/A	N/A	3.0	1.5	T-2
P4684-01	MECHANIC-ST-SWEEPINGS	18	100.03	2000	N/A	N/A	N/A	5.5	1.0	T-2
PB164560TB	LEB560	19	N/A	2000	N/A	N/A	N/A	4.93	1.5	T-2

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

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB133297

Review By	jaswal	Review On	11/5/2024 10:16:23 PM
Supervise By	mohan	Supervise On	11/5/2024 10:17:20 PM

STD. NAME	STD REF.#
ICAL Standard	MP83017,MP83018,MP83019,MP83020,MP83021,MP83022
ICV Standard	MP83023
CCV Standard	MP83025
ICSA Standard	
CRI Standard	MP83027
LCS Standard	
Chk Standard	MP83024,MP83026,MP83028,MP8300

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/05/24 11:33		Mohan	OK
2	S0.2	S0.2	CAL2	11/05/24 11:36		Mohan	OK
3	S2.5	S2.5	CAL3	11/05/24 11:38		Mohan	OK
4	S5	S5	CAL4	11/05/24 11:40		Mohan	OK
5	S7.5	S7.5	CAL5	11/05/24 11:42		Mohan	OK
6	S10	S10	CAL6	11/05/24 11:55		Mohan	OK
7	ICV69	ICV69	ICV	11/05/24 11:58		Mohan	OK
8	ICB69	ICB69	ICB	11/05/24 12:00		Mohan	OK
9	CCV26	CCV26	CCV	11/05/24 12:03		Mohan	OK
10	CCB26	CCB26	CCB	11/05/24 12:05		Mohan	OK
11	CRA	CRA	CRDL	11/05/24 12:07		Mohan	OK
12	HighStd	HighStd	HIGH STD	11/05/24 12:09		Mohan	OK
13	ChkStd	ChkStd	SAM	11/05/24 12:12		Mohan	OK
14	PB164660BL	PB164660BL	MB	11/05/24 12:14		Mohan	OK
15	PB164660BS	PB164660BS	LCS	11/05/24 12:16		Mohan	OK
16	P4640-04	MH-3	SAM	11/05/24 12:19		Mohan	OK
17	P4643-04	BP-F9-ADDITIONAL	SAM	11/05/24 12:21		Mohan	OK
18	P4643-08	BP-F8	SAM	11/05/24 12:23		Mohan	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB133297

Review By	jaswal	Review On	11/5/2024 10:16:23 PM
Supervise By	mohan	Supervise On	11/5/2024 10:17:20 PM

STD. NAME	STD REF.#
ICAL Standard	MP83017,MP83018,MP83019,MP83020,MP83021,MP83022
ICV Standard	MP83023
CCV Standard	MP83025
ICSA Standard	
CRI Standard	MP83027
LCS Standard	
Chk Standard	MP83024,MP83026,MP83028,MP8300

19	P4643-12	TP-9	SAM	11/05/24 12:25		Mohan	OK
20	P4645-04	Z-02-WC	SAM	11/05/24 12:28		Mohan	OK
21	CCV27	CCV27	CCV	11/05/24 12:30		Mohan	OK
22	CCB27	CCB27	CCB	11/05/24 12:32		Mohan	OK
23	P4659-04	MH-2	SAM	11/05/24 12:34		Mohan	OK
24	P4660-03	WC-TA2-01-C	SAM	11/05/24 12:37		Mohan	OK
25	P4660-07	WC-WOOD-01-C	SAM	11/05/24 12:39		Mohan	OK
26	P4660-11	WC-CONCRETE-01-C	SAM	11/05/24 12:41		Mohan	OK
27	P4667-04	BP-F-6	SAM	11/05/24 12:43		Mohan	OK
28	P4667-08	BP-F-5	SAM	11/05/24 12:46		Mohan	OK
29	P4667-12	BP-F-10	SAM	11/05/24 12:48		Mohan	OK
30	P4667-16	BP-F-7	SAM	11/05/24 12:50		Mohan	OK
31	P4679-04	MH-1	SAM	11/05/24 12:53		Mohan	OK
32	P4680-04	BP-F26	SAM	11/05/24 12:55		Mohan	OK
33	CCV28	CCV28	CCV	11/05/24 12:57		Mohan	OK
34	CCB28	CCB28	CCB	11/05/24 12:59		Mohan	OK
35	P4680-08	BP-F25	SAM	11/05/24 13:02		Mohan	OK
36	P4682-02	BELL-SHOP-RAGS	SAM	11/05/24 13:04		Mohan	OK
37	P4684-01	MECHANIC-ST-SWE	SAM	11/05/24 13:06		Mohan	OK
38	P4684-01DUP	MECHANIC-ST-SWE	DUP	11/05/24 13:08		Mohan	OK

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

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB133297

Review By	jaswal	Review On	11/5/2024 10:16:23 PM
Supervise By	mohan	Supervise On	11/5/2024 10:17:20 PM

STD. NAME	STD REF.#
ICAL Standard	MP83017,MP83018,MP83019,MP83020,MP83021,MP83022
ICV Standard	MP83023
CCV Standard	MP83025
ICSA Standard	
CRI Standard	MP83027
LCS Standard	
Chk Standard	MP83024,MP83026,MP83028,MP8300

39	P4684-01MS	MECHANIC-ST-SWEI	MS	11/05/24 13:11		Mohan	OK
40	P4684-01MSD	MECHANIC-ST-SWEI	MSD	11/05/24 13:13		Mohan	OK
41	PB164687BL	PB164687BL	MB	11/05/24 13:15		Mohan	OK
42	PB164687BS	PB164687BS	LCS	11/05/24 13:22		Mohan	OK
43	P4652-01	RW5-SP100-50-2024	SAM	11/05/24 13:24		Mohan	OK
44	P4652-03	RW5-SP301-303-50-2	SAM	11/05/24 13:27		Mohan	OK
45	CCV29	CCV29	CCV	11/05/24 13:32		Mohan	OK
46	CCB29	CCB29	CCB	11/05/24 13:34		Mohan	OK
47	P4652-04	RW5-SP100-90-2024	SAM	11/05/24 13:36		Mohan	OK
48	P4652-06	RW5-SP301-303-90-2	SAM	11/05/24 13:38		Mohan	OK
49	P4661-03	102324-A	SAM	11/05/24 13:46		Mohan	OK
50	P4661-03DUP	102324-ADUP	DUP	11/05/24 13:48		Mohan	OK
51	P4661-03MS	102324-AMS	MS	11/05/24 13:50		Mohan	OK
52	P4661-03MSD	102324-AMSD	MSD	11/05/24 13:53		Mohan	OK
53	P4662-04DL	102524-DDL	SAM	11/05/24 13:59	Stright 10X	Mohan	OK
54	P4673-01	OUTFALL-001	SAM	11/05/24 14:01		Mohan	OK
55	P4673-02	OUTFALL-002	SAM	11/05/24 14:04		Mohan	OK
56	P4673-03	OUTFALL-003	SAM	11/05/24 14:06		Mohan	OK
57	CCV30	CCV30	CCV	11/05/24 14:08		Mohan	OK
58	CCB30	CCB30	CCB	11/05/24 14:11		Mohan	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB133297

Review By	jaswal	Review On	11/5/2024 10:16:23 PM
Supervise By	mohan	Supervise On	11/5/2024 10:17:20 PM

STD. NAME	STD REF.#
ICAL Standard	MP83017,MP83018,MP83019,MP83020,MP83021,MP83022
ICV Standard	MP83023
CCV Standard	MP83025
ICSA Standard	
CRI Standard	MP83027
LCS Standard	
Chk Standard	MP83024,MP83026,MP83028,MP8300

59	P4673-04	OUTFALL-004	SAM	11/05/24 14:13		Mohan	OK
60	P4673-05	OUTFALL-005	SAM	11/05/24 14:15		Mohan	OK
61	P4673-06	OUTFALL-006	SAM	11/05/24 14:17		Mohan	OK
62	P4673-07	OUTFALL-007	SAM	11/05/24 14:20		Mohan	OK
63	P4674-01	OUTFALL-001	SAM	11/05/24 14:22		Mohan	OK
64	P4684-03	MECHANIC-ST-OIL-W	SAM	11/05/24 14:24		Mohan	OK
65	PB164560TB	PB164560TB	MB	11/05/24 14:26		Mohan	OK
66	CCV31	CCV31	CCV	11/05/24 14:29		Mohan	OK
67	CCB31	CCB31	CCB	11/05/24 14:31		Mohan	OK
68	P4684-01L	MECHANIC-ST-SWEI	SD	11/05/24 14:33		Mohan	OK
69	P4684-01A	MECHANIC-ST-SWEI	PS	11/05/24 14:35		Mohan	OK
70	P4661-03L	102324-AL	SD	11/05/24 14:38		Mohan	OK
71	P4661-03A	102324-AA	PS	11/05/24 14:40		Mohan	OK
72	CCV32	CCV32	CCV	11/05/24 14:42		Mohan	OK
73	CCB32	CCB32	CCB	11/05/24 14:45		Mohan	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB133344

Review By	mohan	Review On	11/9/2024 12:07:42 AM
Supervise By	jaswal	Supervise On	11/9/2024 12:08:14 AM

STD. NAME	STD REF.#
ICAL Standard	MP83078,MP83079,MP73080,MP83081,MP83082,MP83084
ICV Standard	MP83085
CCV Standard	MP83088
ICSA Standard	MP83086,MP83087
CRI Standard	MP83084
LCS Standard	
Chk Standard	MP83091,MP83092

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/07/24 13:23		Kareem	OK
2	S1	S1	CAL2	11/07/24 13:28		Kareem	OK
3	S2	S2	CAL3	11/07/24 13:32		Kareem	OK
4	S3	S3	CAL4	11/07/24 13:36		Kareem	OK
5	S4	S4	CAL5	11/07/24 13:40		Kareem	OK
6	S5	S5	CAL6	11/07/24 13:45		Kareem	OK
7	ICV01	ICV01	ICV	11/07/24 13:49		Kareem	OK
8	LLICV01	LLICV01	LLICV	11/07/24 14:23		Kareem	OK
9	ICB01	ICB01	ICB	11/07/24 14:38		Kareem	OK
10	CRI01	CRI01	CRDL	11/07/24 14:42		Kareem	OK
11	ICSA01	ICSA01	ICSA	11/07/24 14:47		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	11/07/24 14:51		Kareem	OK
13	CCV01	CCV01	CCV	11/07/24 15:01		Kareem	OK
14	CCB01	CCB01	CCB	11/07/24 15:05		Kareem	OK
15	P4645-04	Z-02-WC	SAM	11/07/24 15:09		Kareem	OK
16	P4659-04	MH-2	SAM	11/07/24 15:14		Kareem	OK
17	P4660-03	WC-TA2-01-C	SAM	11/07/24 15:18		Kareem	OK
18	P4660-07	WC-WOOD-01-C	SAM	11/07/24 15:22		Kareem	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB133344

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Supervise By	jaswal	Supervise On	11/9/2024 12:08:14 AM

STD. NAME	STD REF.#
ICAL Standard	MP83078,MP83079,MP73080,MP83081,MP83082,MP83084
ICV Standard	MP83085
CCV Standard	MP83088
ICSA Standard	MP83086,MP83087
CRI Standard	MP83084
LCS Standard	
Chk Standard	MP83091,MP83092

19	P4660-11	WC-CONCRETE-01-(	SAM	11/07/24 15:27		Kareem	OK
20	P4667-04	BP-F-6	SAM	11/07/24 15:31		Kareem	OK
21	P4667-08	BP-F-5	SAM	11/07/24 15:36		Kareem	OK
22	P4667-12	BP-F-10	SAM	11/07/24 15:40		Kareem	OK
23	P4667-16	BP-F-7	SAM	11/07/24 15:45		Kareem	OK
24	P4679-04	MH-1	SAM	11/07/24 15:49		Kareem	OK
25	CCV02	CCV02	CCV	11/07/24 15:53		Kareem	OK
26	CCB02	CCB02	CCB	11/07/24 15:58		Kareem	OK
27	P4680-04	BP-F26	SAM	11/07/24 16:02		Kareem	OK
28	P4680-08	BP-F25	SAM	11/07/24 16:06		Kareem	OK
29	P4684-01	MECHANIC-ST-SWEI	SAM	11/07/24 16:11		Kareem	OK
30	P4684-01DUP	MECHANIC-ST-SWEI	DUP	11/07/24 16:15		Kareem	OK
31	P4684-01L	MECHANIC-ST-SWEI	SD	11/07/24 16:20		Kareem	OK
32	P4684-01MS	MECHANIC-ST-SWEI	MS	11/07/24 16:24		Kareem	OK
33	P4684-01MSD	MECHANIC-ST-SWEI	MSD	11/07/24 16:28		Kareem	OK
34	P4684-01A	MECHANIC-ST-SWEI	PS	11/07/24 16:32		Kareem	OK
35	PB164560TB	PB164560TB	MB	11/07/24 16:36		Kareem	OK
36	PB164665BL	PB164665BL	MB	11/07/24 16:41		Kareem	OK
37	CCV03	CCV03	CCV	11/07/24 16:45		Kareem	OK
38	CCB03	CCB03	CCB	11/07/24 16:49		Kareem	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB133344

Review By	mohan	Review On	11/9/2024 12:07:42 AM
Supervise By	jaswal	Supervise On	11/9/2024 12:08:14 AM

STD. NAME	STD REF.#
ICAL Standard	MP83078,MP83079,MP73080,MP83081,MP83082,MP83084
ICV Standard	MP83085
CCV Standard	MP83088
ICSA Standard	MP83086,MP83087
CRI Standard	MP83084
LCS Standard	
Chk Standard	MP83091,MP83092

39	PB164665BS	PB164665BS	LCS	11/07/24 16:54		Kareem	OK
40	P4693-04	BP-G5-WC	SAM	11/07/24 16:58		Kareem	OK
41	P4693-08	BP-G4-WC	SAM	11/07/24 17:02		Kareem	OK
42	P4694-04	Z-03A	SAM	11/07/24 17:06		Kareem	OK
43	P4694-08	Z-04	SAM	11/07/24 17:11		Kareem	OK
44	P4695-04	Z-01	SAM	11/07/24 17:15		Kareem	OK
45	P4700-04	MH-8	SAM	11/07/24 17:20		Kareem	OK
46	P4701-01	BP-F3	SAM	11/07/24 17:24		Kareem	OK
47	P4701-08	BP-F4	SAM	11/07/24 17:29		Kareem	OK
48	P4711-05	CF-613-COMP-16	SAM	11/07/24 17:33		Kareem	OK
49	CCV04	CCV04	CCV	11/07/24 17:56		Kareem	OK
50	CCB04	CCB04	CCB	11/07/24 18:04		Kareem	OK
51	P4711-10	CF-613-COMP-17	SAM	11/07/24 18:08		Kareem	OK
52	P4702-01	TOTE-1	SAM	11/07/24 18:13		Kareem	OK
53	P4662-06DL2	102524-DDL2	SAM	11/07/24 18:17	NOT USE	Kareem	Not Ok
54	P4662-06DL	102524-DDL	SAM	11/07/24 18:22	NOT USE	Kareem	Not Ok
55	P4662-06	102524-D	SAM	11/07/24 18:28		Kareem	OK
56	CCV05	CCV05	CCV	11/07/24 18:32		Kareem	OK
57	CCB05	CCB05	CCB	11/07/24 18:37		Kareem	OK
58	P4702-01DUP	TOTE-1DUP	DUP	11/07/24 18:43		Kareem	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB133344

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Supervise By	jaswal	Supervise On	11/9/2024 12:08:14 AM

STD. NAME	STD REF.#
ICAL Standard	MP83078,MP83079,MP73080,MP83081,MP83082,MP83084
ICV Standard	MP83085
CCV Standard	MP83088
ICSA Standard	MP83086,MP83087
CRI Standard	MP83084
LCS Standard	
Chk Standard	MP83091,MP83092

59	P4702-01L	TOTE-1L	SD	11/07/24 18:47		Kareem	OK
60	P4706-01	TR-04-110424	SAM	11/07/24 18:51		Kareem	OK
61	P4708-01	OR-02-110424	SAM	11/07/24 18:56		Kareem	OK
62	P4711-01	CF-613-COMP-16	SAM	11/07/24 19:00		Kareem	OK
63	P4711-06	CF-613-COMP-17	SAM	11/07/24 19:04		Kareem	OK
64	CCV06	CCV06	CCV	11/07/24 19:08		Kareem	OK
65	CCB06	CCB06	CCB	11/07/24 19:12		Kareem	OK
66	P4702-01MS	TOTE-1MS	MS	11/07/24 19:16		Kareem	OK
67	P4702-01MSD	TOTE-1MSD	MSD	11/07/24 19:20		Kareem	OK
68	P4702-01A	TOTE-1A	PS	11/07/24 19:24		Kareem	OK
69	PB164662TB	PB164662TB	MB	11/07/24 19:28		Kareem	OK
70	PB164685TB	PB164685TB	MB	11/07/24 19:32		Kareem	OK
71	PB164712BL	PB164712BL	MB	11/07/24 19:37		Kareem	OK
72	PB164712BS	PB164712BS	LCS	11/07/24 19:41		Kareem	OK
73	P4720-01	JC-701-COMP-01	SAM	11/07/24 19:45		Kareem	OK
74	P4720-01DUP	JC-701-COMP-01DUP	DUP	11/07/24 19:50		Kareem	OK
75	P4720-01L	JC-701-COMP-01L	SD	11/07/24 19:54		Kareem	OK
76	CCV07	CCV07	CCV	11/07/24 19:58		Kareem	OK
77	CCB07	CCB07	CCB	11/07/24 20:02		Kareem	OK
78	P4617-04	CONCRETE-PILE	SAM	11/07/24 20:08		Kareem	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB133344

Review By	mohan	Review On	11/9/2024 12:07:42 AM
Supervise By	jaswal	Supervise On	11/9/2024 12:08:14 AM

STD. NAME	STD REF.#
ICAL Standard	MP83078,MP83079,MP73080,MP83081,MP83082,MP83084
ICV Standard	MP83085
CCV Standard	MP83088
ICSA Standard	MP83086,MP83087
CRI Standard	MP83084
LCS Standard	
Chk Standard	MP83091,MP83092

79	P4617-04DUP	CONCRETE-PILEDUI	DUP	11/07/24 20:12		Kareem	OK
80	P4617-04L	CONCRETE-PILEL	SD	11/07/24 20:17		Kareem	OK
81	P4617-04MS	CONCRETE-PILEMS	MS	11/07/24 20:21		Kareem	OK
82	P4617-04MSD	CONCRETE-PILEMS	MSD	11/07/24 20:25		Kareem	OK
83	P4549-04	TT-069-IDWGW-2024	SAM	11/07/24 20:34		Kareem	OK
84	P4617-04A	CONCRETE-PILEA	PS	11/07/24 20:41		Kareem	OK
85	P4549-04DUP	TT-069-IDWGW-2024	DUP	11/07/24 20:45		Kareem	OK
86	P4549-04L	TT-069-IDWGW-2024	SD	11/07/24 20:49		Kareem	OK
87	P4549-04MS	TT-069-IDWGW-2024	MS	11/07/24 20:54		Kareem	OK
88	CCV08	CCV08	CCV	11/07/24 20:58		Kareem	OK
89	CCB08	CCB08	CCB	11/07/24 21:02		Kareem	OK
90	P4549-04MSD	TT-069-IDWGW-2024	MSD	11/07/24 21:08		Kareem	OK
91	P4549-04A	TT-069-IDWGW-2024	PS	11/07/24 21:12		Kareem	OK
92	P4720-01MS	JC-701-COMP-01MS	MS	11/07/24 21:16		Kareem	OK
93	P4720-01MSD	JC-701-COMP-01MSI	MSD	11/07/24 21:20		Kareem	OK
94	P4720-01A	JC-701-COMP-01A	PS	11/07/24 21:24		Kareem	OK
95	P4722-03	WC-1(0-6)	SAM	11/07/24 21:29	Fe high	Kareem	Dilution
96	P4722-08	WC-2(0-6)	SAM	11/07/24 21:33		Kareem	OK
97	P4722-13	WC-3(0-6)	SAM	11/07/24 21:38		Kareem	OK
98	PB164723BL	PB164723BL	MB	11/07/24 21:42		Kareem	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB133344

Review By	mohan	Review On	11/9/2024 12:07:42 AM
Supervise By	jaswal	Supervise On	11/9/2024 12:08:14 AM

STD. NAME	STD REF.#
ICAL Standard	MP83078,MP83079,MP73080,MP83081,MP83082,MP83084
ICV Standard	MP83085
CCV Standard	MP83088
ICSA Standard	MP83086,MP83087
CRI Standard	MP83084
LCS Standard	
Chk Standard	MP83091,MP83092

99	PB164723BS	PB164723BS	LCS	11/07/24 21:47		Kareem	OK
100	CCV09	CCV09	CCV	11/07/24 21:51		Kareem	OK
101	CCB09	CCB09	CCB	11/07/24 21:55		Kareem	OK
102	P4693-01	BP-G5-WC	SAM	11/07/24 22:09		Kareem	OK
103	P4693-05	BP-G4-WC	SAM	11/07/24 22:13		Kareem	OK
104	P4694-01	Z-03A	SAM	11/07/24 22:17		Kareem	OK
105	P4694-05	Z-04	SAM	11/07/24 22:22		Kareem	OK
106	P4695-01	Z-01	SAM	11/07/24 22:26		Kareem	OK
107	P4697-01	TP-1	SAM	11/07/24 22:30		Kareem	OK
108	P4699-01	MIXED-DEMO	SAM	11/07/24 22:34	Confirm Wt	Kareem	OK
109	P4699-01DUP	MIXED-DEMODUP	DUP	11/07/24 22:39	Confirm	Kareem	OK
110	P4699-01L	MIXED-DEMOL	SD	11/07/24 22:43		Kareem	OK
111	P4699-01MS	MIXED-DEMOMS	MS	11/07/24 22:47		Kareem	OK
112	CCV10	CCV10	CCV	11/07/24 22:52		Kareem	OK
113	CCB10	CCB10	CCB	11/07/24 22:56		Kareem	OK
114	P4699-01MSD	MIXED-DEMOMSD	MSD	11/07/24 23:00		Kareem	OK
115	P4699-01A	MIXED-DEMOA	PS	11/07/24 23:04		Kareem	OK
116	P4700-01	MH-8	SAM	11/07/24 23:09		Kareem	OK
117	P4701-01RE	BP-F3RE	SAM	11/07/24 23:13	NOT USE	Kareem	Not Ok
118	P4701-05	BP-F4	SAM	11/07/24 23:17		Kareem	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB133344

Review By	mohan	Review On	11/9/2024 12:07:42 AM
Supervise By	jaswal	Supervise On	11/9/2024 12:08:14 AM

STD. NAME	STD REF.#
ICAL Standard	MP83078,MP83079,MP73080,MP83081,MP83082,MP83084
ICV Standard	MP83085
CCV Standard	MP83088
ICSA Standard	MP83086,MP83087
CRI Standard	MP83084
LCS Standard	
Chk Standard	MP83091,MP83092

119	P4707-01	HD-02-110424	SAM	11/07/24 23:22		Kareem	OK
120	P4718-01	WB-307-SB01	SAM	11/07/24 23:26		Kareem	OK
121	P4718-02	WB-307-SB02	SAM	11/07/24 23:30		Kareem	OK
122	P4719-01	BAYAVE-STOCKPILE	SAM	11/07/24 23:34		Kareem	OK
123	PB164708BL	PB164708BL	MB	11/07/24 23:38		Kareem	OK
124	CCV11	CCV11	CCV	11/07/24 23:43		Kareem	OK
125	CCB11	CCB11	CCB	11/07/24 23:47		Kareem	OK
126	PB164708BS	PB164708BS	LCS	11/07/24 23:51		Kareem	OK
127	PB164563BL	PB164563BL	MB	11/07/24 23:55		Kareem	OK
128	PB164563BS	PB164563BS	LCS	11/08/24 00:05		Kareem	OK
129	PB164634BL	PB164634BL	MB	11/08/24 00:08		Kareem	OK
130	PB164634BS	PB164634BS	LCS	11/08/24 00:13		Kareem	OK
131	PB164647BL	PB164647BL	MB	11/08/24 00:17		Kareem	OK
132	PB164647BS	PB164647BS	LCS	11/08/24 00:21		Kareem	OK
133	P4722-03DL	WC-1(0-6)DL	SAM	11/08/24 00:26	5x for Fe	Kareem	Confirms
134	LR1	LR1	HIGH STD	11/08/24 00:30		Kareem	OK
135	LR2	LR2	HIGH STD	11/08/24 00:35		Kareem	OK
136	CCV12	CCV12	CCV	11/08/24 00:39		Kareem	OK
137	CCB12	CCB12	CCB	11/08/24 00:43		Kareem	OK
138	P4701-01DL	BP-F3DL	SAM	11/08/24 00:48	NOT USE	Kareem	Not Ok

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB133344

Review By	mohan	Review On	11/9/2024 12:07:42 AM
Supervise By	jaswal	Supervise On	11/9/2024 12:08:14 AM

STD. NAME	STD REF.#
ICAL Standard	MP83078,MP83079,MP73080,MP83081,MP83082,MP83084
ICV Standard	MP83085
CCV Standard	MP83088
ICSA Standard	MP83086,MP83087
CRI Standard	MP83084
LCS Standard	
Chk Standard	MP83091,MP83092

139	CCV13	CCV13	CCV	11/08/24 00:57		Kareem	OK
140	CCB13	CCB13	CCB	11/08/24 01:01		Kareem	OK

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB164560

SOP ID : M1311-TCLP-15

SDG No : N/A

Weigh By : JP

Balance ID : WC SC-4

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pippete ID : WC

Tumbler ID : T-1 / T-2

TCLP Filter ID : 114771

Start Prep Date : 11/03/2024 **Time :** 14:00

End Prep Date : 11/04/2024 **Time :** 07:10

Combination Ratio : 20

ZHE Cleaning Batch : N/A

Initial Room Temperature: N/A

Final Room Temperature: N/A

TCLP Technician Signature : JP JP

Supervisor By : JP

Standared 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

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP108622
HCL-TCLP,1N	N/A	WP108584
HNO3-TCLP,1N	N/A	WP108585
pH Strips	N/A	W1931,W1934,W2350,W2755
pH Strips	N/A	W1937,W1938,W1939,W1940,W1941,W1942
1 Liter Amber	N/A	23091
120ml Plastic bottle	N/A	21029
1:1 HNO3	MP81119	N/A

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after fiftration and before preservation. Tumbler T-1 /T-2 checled,30 rpm. Particle size reduction is not required. p4684-01 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/04/24 09:00	JP ICP ROOM	JP RJ IEH
	Preparation Group	**Analysis Group** METALS

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB164560

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
P4640-04	MH-3	01	100.02	2000	N/A	N/A	N/A	3.0	1.0	T-1
P4643-04	BP-F9-ADDITIONAL	02	100.03	2000	N/A	N/A	N/A	7.2	1.5	T-1
P4643-08	BP-F8	03	100.04	2000	N/A	N/A	N/A	6.0	1.0	T-1
P4643-12	TP-9	04	100.03	2000	N/A	N/A	N/A	6.2	1.5	T-1
P4645-04	Z-02-WC	05	100.04	2000	N/A	N/A	N/A	7.2	1.0	T-1
P4659-04	MH-2	06	100.02	2000	N/A	N/A	N/A	7.0	1.5	T-1
P4660-03	WC-TA2-01-C	07	100.03	2000	N/A	N/A	N/A	11.5	1.0	T-1
P4660-07	WC-WOOD-01-C	08	100.04	2000	N/A	N/A	N/A	10.5	1.5	T-1
P4660-11	WC-CONCRETE-01-C	09	100.03	2000	N/A	N/A	N/A	7.6	1.0	T-1
P4667-04	BP-F-6	10	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-1
P4667-08	BP-F-5	11	100.03	2000	N/A	N/A	N/A	5.6	1.0	T-2
P4667-12	BP-F-10	12	100.04	2000	N/A	N/A	N/A	5.8	1.5	T-2
P4667-16	BP-F-7	13	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-2
P4679-04	MH-1	14	100.02	2000	N/A	N/A	N/A	8.6	1.5	T-2
P4680-04	BP-F26	15	100.02	2000	N/A	N/A	N/A	7.2	1.5	T-2
P4680-08	BP-F25	16	100.01	2000	N/A	N/A	N/A	7.2	1.0	T-2
P4682-02	BELL-SHOP-RAGS	17	100.02	2000	N/A	N/A	N/A	3.0	1.5	T-2
P4684-01	MECHANIC-ST-SWEEPINGS	18	100.03	2000	N/A	N/A	N/A	5.5	1.0	T-2
PB164560TB	LEB560	19	N/A	2000	N/A	N/A	N/A	4.93	1.5	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
P4640-04	MH-3	N/A	N/A	N/A	N/A	100	N/A
P4643-04	BP-F9-ADDITIONAL	N/A	N/A	N/A	N/A	100	N/A
P4643-08	BP-F8	N/A	N/A	N/A	N/A	100	N/A
P4643-12	TP-9	N/A	N/A	N/A	N/A	100	N/A
P4645-04	Z-02-WC	N/A	N/A	N/A	N/A	100	N/A
P4659-04	MH-2	N/A	N/A	N/A	N/A	100	N/A
P4660-03	WC-TA2-01-C	N/A	N/A	N/A	N/A	100	N/A
P4660-07	WC-WOOD-01-C	N/A	N/A	N/A	N/A	100	N/A
P4660-11	WC-CONCRETE-01-C	N/A	N/A	N/A	N/A	100	N/A
P4667-04	BP-F-6	N/A	N/A	N/A	N/A	100	N/A
P4667-08	BP-F-5	N/A	N/A	N/A	N/A	100	N/A
P4667-12	BP-F-10	N/A	N/A	N/A	N/A	100	N/A
P4667-16	BP-F-7	N/A	N/A	N/A	N/A	100	N/A
P4679-04	MH-1	N/A	N/A	N/A	N/A	100	N/A
P4680-04	BP-F26	N/A	N/A	N/A	N/A	100	N/A
P4680-08	BP-F25	N/A	N/A	N/A	N/A	100	N/A
P4682-02	BELL-SHOP-RAGS	N/A	N/A	N/A	N/A	100	N/A
P4684-01	MECHANIC-ST-SWEEPINGS	N/A	N/A	N/A	N/A	100	N/A
PB164560TB	LEB560	N/A	N/A	N/A	N/A	N/A	N/A

Alliance TECHNICAL GROUP

TCLP Fluid Determination

PB164560

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
P4640-04	MH-3	5.02	96.5	5.5	1.5	#1	4.93
P4643-04	BP-F9-ADDITIONAL	5.01	96.5	9.1	4.0	#1	4.93
P4643-08	BP-F8	5.02	96.5	7.6	3.5	#1	4.93
P4643-12	TP-9	5.03	96.5	8.4	3.5	#1	4.93
P4645-04	Z-02-WC	5.02	96.5	9.1	4.0	#1	4.93
P4659-04	MH-2	5.01	96.5	9.0	4.0	#1	4.93
P4660-03	WC-TA2-01-C	5.02	96.5	12.0	4.5	#1	4.93
P4660-07	WC-WOOD-01-C	5.03	96.5	11.0	4.5	#1	4.93
P4660-11	WC-CONCRETE-01-C	5.04	96.5	9.0	4.0	#1	4.93
P4667-04	BP-F-6	5.02	96.5	8.4	3.5	#1	4.93
P4667-08	BP-F-5	5.01	96.5	8.2	3.0	#1	4.93
P4667-12	BP-F-10	5.02	96.5	8.2	3.0	#1	4.93
P4667-16	BP-F-7	5.03	96.5	8.6	3.5	#1	4.93
P4679-04	MH-1	5.04	96.5	8.6	3.5	#1	4.93
P4680-04	BP-F26	5.03	96.5	9.1	4.0	#1	4.93
P4680-08	BP-F25	5.04	96.5	8.6	4.0	#1	4.93
P4682-02	BELL-SHOP-RAGS	5.02	96.5	5.5	1.5	#1	4.93
P4684-01	MECHANIC-ST-SWEEPINGS	5.01	96.5	7.6	2.5	#1	4.93
PB164560TB	LEB560	N/A	N/A	N/A	N/A	#1	4.93

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 788-9222
www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number: P46460

COC Number: 2042101

CLIENT INFORMATION

COMPANY: ENTACT, LLC
ADDRESS: 150 Bay Street, Suite 806
CITY: Jersey City STATE: NJ ZIP: 07302
ATTENTION: Jarod Stanfield
PHONE: 570-886-0442 FAX:

PROJECT INFORMATION

PROJECT NAME: 540 Degraw St Brooklyn, NY
PROJECT #: E9309 LOCATION: Brooklyn, NY
PROJECT MANAGER: Jarod Stanfield
E-MAIL: jstanfield@entact.com
PHONE: 570-886-0442 FAX:

BILLING INFORMATION

BILL TO: ENTACT, LLC PO# E9309
ADDRESS: 999 Oakmont Plaza Drive, Suite 300
CITY: Westmont STATE: IL ZIP: 60559
ATTENTION: Wendy Murray PHONE: 800-936-8228

DATA TURNAROUND INFORMATION

FAX: 5 DAYS*
HARD COPY: _____ DAYS*
EDD 5 DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESULTS ONLY
- ☑ RESULTS + QC
- ☐ New Jersey REDUCED
- ☐ New Jersey CLP
- ☐ EDD Format _____
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other _____

ANALYSIS

1	2	3	4	5	6	7	8	9
TCLP VOCs	TCLP ICP Metals	TCLP Herb	TCLP Pest	TCLP SVOCs	TCLP pH	I/C/R	PCBs	Oil & Grease

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	WC-TA2-01-G	Soil		X	10/28	15:15	1	X									<-- Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other
2.	WC-TA2-01-C	Soil	X		10/30	13:30	11		X	X	X	X	X	X	X	X	
3.	WC-Wood-01-G	Solid		X	10/31	12:30	1	X									
4.	WC-Wood-01-C	Solid	X		10/31	13:30	11		X	X	X	X	X	X	X	X	
5.	WC-Concrete-01-G	Solid		X	10/31	14:30	1	X									
6.	WC-Concrete-01-C	Solid	X		10/31	15:30	12		X	X	X	X	X	X	X	X	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY	
1. Jarod Stanfield	10/31 13:21	1.	1325 10-31-24
RELINQUISHED BY	DATE/TIME	RECEIVED BY	
2.		2.	
RELINQUISHED BY	DATE/TIME 1850	RECEIVED FOR LAB BY	
3.	10-31-24	3.	

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 3.1 C ☐ Ice in Cooler?: _____

Comments:

Page _____ of _____

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight ALLIANCE: ☑ Picked Up ☐ Overnight

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPYFOR RETURN TO CLIENT **YELLOW** - ALLIANCE COPY **PINK** - SAMPLER COPY

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 788-9222
www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number: P46660

COC Number: 2042101

CLIENT INFORMATION

COMPANY: ENTACT, LLC
ADDRESS: 150 Bay Street, Suite 806
CITY Jersey City STATE: NJ ZIP: 07302
ATTENTION: Jarod Stanfield
PHONE: 570-886-0442 FAX:

PROJECT INFORMATION

PROJECT NAME: 540 Degraw St Brooklyn, NY
PROJECT #: E9309 LOCATION: Brooklyn, NY
PROJECT MANAGER: Jarod Stanfield
E-MAIL: jstanfield@entact.com
PHONE: 570-886-0442 FAX:

BILLING INFORMATION

BILL TO: ENTACT, LLC PO# E9309
ADDRESS: 999 Oakmont Plaza Drive, Suite 300
CITY: Westmont STATE: IL ZIP: 60559
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DATA TURNAROUND INFORMATION

FAX: 5 DAYS*
HARD COPY: DAYS*
EDD 5 DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESELTS ONLY
- ☑ RESULTS + QC
- ☐ New Jersey REDUCED
- ☐ New Jersey CLP
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other
- ☐ EDD Format

ANALYSIS

ASTM COD	ASTM Ammonia-Nitrogen	ASTM O&G	ASTM TS	TS, TVS	pH	Paint Filter		
10	11	12	13	14	15	16		

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	PRESERVATIVES 1	2	3	4	5	6	7	8	9
								E	E	E	E	E	E	E		
1.	WC-TA2-01-G	Soil		X	10/28	15:15	1									
2.	WC-TA2-01-C	Soil	X		10/30	13:30	11	X	X	X	X	X	X	X		
3.	WC-Wood-01-G	Solid		X	10/31	12:30	1									
4.	WC-Wood-01-C	Solid	X		10/31	13:30	11	X	X	X	X	X	X	X		
5.	WC-Concrete-01-G	Solid		X	10/31	14:30	1									
6.	WC-Concrete-01-C	Solid	X		10/31	15:30	12	X	X	X	X	X	X	X		
7.																
8.																
9.																
10.																

COMMENTS

<-- Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

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

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1. Jarod Stanfield	10/31 1320	1. 10-31-24 1325
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.		2.
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3.	10-31-24 1850	3.

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 3.1 C
☐ Ice in Cooler?:
Comments:

Page of

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
ALLIANCE: ☑ Picked Up ☐ Overnight

Shipment Complete
☐ YES ☐ NO

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

Laboratory Certification

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