



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

Hit Summary Sheet
SW-846

SDG No.: Q1523

Order ID: Q1523

Client: ENTACT

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

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC-A1-01-C								
Q1523-03	WC-A1-01-C	TCLP	Barium	437	J	62.8	500	ug/L
Q1523-03	WC-A1-01-C	TCLP	Chromium	16.7	J	6.60	50.0	ug/L
Client ID : WC-A2-02-C								
Q1523-06	WC-A2-02-C	TCLP	Barium	382	J	62.8	500	ug/L
Q1523-06	WC-A2-02-C	TCLP	Chromium	20.5	J	6.60	50.0	ug/L



SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	03/06/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	03/07/25
Client Sample ID:	WC-A1-01-C	SDG No.:	Q1523
Lab Sample ID:	Q1523-03	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	03/11/25 12:05	03/11/25 17:16	SW6010	SW3050
7440-39-3	Barium	437	J	1	62.8	500	ug/L	03/11/25 12:05	03/11/25 17:16	SW6010	SW3050
7440-43-9	Cadmium	0.94	U	1	0.94	30.0	ug/L	03/11/25 12:05	03/11/25 17:16	SW6010	SW3050
7440-47-3	Chromium	16.7	J	1	6.60	50.0	ug/L	03/11/25 12:05	03/11/25 17:16	SW6010	SW3050
7439-92-1	Lead	35.1	U	1	35.1	60.0	ug/L	03/11/25 12:05	03/11/25 17:16	SW6010	SW3050
7439-97-6	Mercury	0.81	UN	1	0.81	2.00	ug/L	03/11/25 15:10	03/12/25 11:32	SW7470A	
7782-49-2	Selenium	58.8	U	1	58.8	100	ug/L	03/11/25 12:05	03/11/25 17:16	SW6010	SW3050
7440-22-4	Silver	5.80	U	1	5.80	50.0	ug/L	03/11/25 12:05	03/11/25 17:16	SW6010	SW3050

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

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

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

Report of Analysis

Client:	ENTACT	Date Collected:	03/06/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	03/07/25
Client Sample ID:	WC-A2-02-C	SDG No.:	Q1523
Lab Sample ID:	Q1523-06	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	03/11/25 12:05	03/11/25 17:20	SW6010	SW3050
7440-39-3	Barium	382	J	1	62.8	500	ug/L	03/11/25 12:05	03/11/25 17:20	SW6010	SW3050
7440-43-9	Cadmium	0.94	U	1	0.94	30.0	ug/L	03/11/25 12:05	03/11/25 17:20	SW6010	SW3050
7440-47-3	Chromium	20.5	J	1	6.60	50.0	ug/L	03/11/25 12:05	03/11/25 17:20	SW6010	SW3050
7439-92-1	Lead	35.1	U	1	35.1	60.0	ug/L	03/11/25 12:05	03/11/25 17:20	SW6010	SW3050
7439-97-6	Mercury	0.81	UN	1	0.81	2.00	ug/L	03/11/25 15:10	03/12/25 11:34	SW7470A	
7782-49-2	Selenium	58.8	U	1	58.8	100	ug/L	03/11/25 12:05	03/11/25 17:20	SW6010	SW3050
7440-22-4	Silver	5.80	U	1	5.80	50.0	ug/L	03/11/25 12:05	03/11/25 17:20	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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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	ENTACT				SDG No.:	Q1523				
Contract:	ENTA05	Lab Code:	CHEM		Case No.:	Q1523	SAS No.:	Q1523		
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number	
ICB38	Mercury	0.20	+/-0.20	U	0.20	CV	03/12/2025	11:02	LB134996	

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ENTACT

SDG No.: Q1523

Contract: ENTA05

Lab Code: CHEM

Case No.: Q1523

SAS No.: Q1523

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB86	Mercury	0.20	+/-0.20	U	0.20	CV	03/12/2025	11:12	LB134996
CCB87	Mercury	0.20	+/-0.20	U	0.20	CV	03/12/2025	11:46	LB134996
CCB88	Mercury	0.20	+/-0.20	U	0.20	CV	03/12/2025	12:56	LB134996
CCB89	Mercury	0.20	+/-0.20	U	0.20	CV	03/12/2025	13:20	LB134996
CCB90	Mercury	0.20	+/-0.20	U	0.20	CV	03/12/2025	13:48	LB134996

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	ENTACT				SDG No.:	Q1523			
Contract:	ENTA05	Lab Code:	CHEM		Case No.:	Q1523		SAS No.:	Q1523
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	03/11/2025	10:58	LB134987
	Barium	100	+/-100	U	100	P	03/11/2025	10:58	LB134987
	Cadmium	6.00	+/-6.00	U	6.00	P	03/11/2025	10:58	LB134987
	Chromium	10.0	+/-10.0	U	10.0	P	03/11/2025	10:58	LB134987
	Lead	12.0	+/-12.0	U	12.0	P	03/11/2025	10:58	LB134987
	Selenium	20.0	+/-20.0	U	20.0	P	03/11/2025	10:58	LB134987
	Silver	10.0	+/-10.0	U	10.0	P	03/11/2025	10:58	LB134987

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ENTACT		SDG No.: Q1523							
Contract: ENTA05	Lab Code: CHEM	Case No.: Q1523	SAS No.: Q1523						
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	03/11/2025	11:34	LB134987
	Barium	100	+/-100	U	100	P	03/11/2025	11:34	LB134987
	Cadmium	6.00	+/-6.00	U	6.00	P	03/11/2025	11:34	LB134987
	Chromium	10.0	+/-10.0	U	10.0	P	03/11/2025	11:34	LB134987
	Lead	12.0	+/-12.0	U	12.0	P	03/11/2025	11:34	LB134987
	Selenium	20.0	+/-20.0	U	20.0	P	03/11/2025	11:34	LB134987
	Silver	10.0	+/-10.0	U	10.0	P	03/11/2025	11:34	LB134987
CCB02	Arsenic	20.0	+/-20.0	U	20.0	P	03/11/2025	12:23	LB134987
	Barium	100	+/-100	U	100	P	03/11/2025	12:23	LB134987
	Cadmium	6.00	+/-6.00	U	6.00	P	03/11/2025	12:23	LB134987
	Chromium	10.0	+/-10.0	U	10.0	P	03/11/2025	12:23	LB134987
	Lead	12.0	+/-12.0	U	12.0	P	03/11/2025	12:23	LB134987
	Selenium	20.0	+/-20.0	U	20.0	P	03/11/2025	12:23	LB134987
	Silver	10.0	+/-10.0	U	10.0	P	03/11/2025	12:23	LB134987
CCB03	Arsenic	20.0	+/-20.0	U	20.0	P	03/11/2025	13:14	LB134987
	Barium	100	+/-100	U	100	P	03/11/2025	13:14	LB134987
	Cadmium	6.00	+/-6.00	U	6.00	P	03/11/2025	13:14	LB134987
	Chromium	10.0	+/-10.0	U	10.0	P	03/11/2025	13:14	LB134987
	Lead	12.0	+/-12.0	U	12.0	P	03/11/2025	13:14	LB134987
	Selenium	20.0	+/-20.0	U	20.0	P	03/11/2025	13:14	LB134987
	Silver	10.0	+/-10.0	U	10.0	P	03/11/2025	13:14	LB134987
CCB04	Arsenic	20.0	+/-20.0	U	20.0	P	03/11/2025	14:13	LB134987
	Barium	100	+/-100	U	100	P	03/11/2025	14:13	LB134987
	Cadmium	6.00	+/-6.00	U	6.00	P	03/11/2025	14:13	LB134987
	Chromium	10.0	+/-10.0	U	10.0	P	03/11/2025	14:13	LB134987
	Lead	12.0	+/-12.0	U	12.0	P	03/11/2025	14:13	LB134987
	Selenium	20.0	+/-20.0	U	20.0	P	03/11/2025	14:13	LB134987
	Silver	10.0	+/-10.0	U	10.0	P	03/11/2025	14:13	LB134987
CCB05	Arsenic	20.0	+/-20.0	U	20.0	P	03/11/2025	15:04	LB134987
	Barium	100	+/-100	U	100	P	03/11/2025	15:04	LB134987
	Cadmium	6.00	+/-6.00	U	6.00	P	03/11/2025	15:04	LB134987
	Chromium	10.0	+/-10.0	U	10.0	P	03/11/2025	15:04	LB134987
	Lead	12.0	+/-12.0	U	12.0	P	03/11/2025	15:04	LB134987
	Selenium	20.0	+/-20.0	U	20.0	P	03/11/2025	15:04	LB134987
	Silver	10.0	+/-10.0	U	10.0	P	03/11/2025	15:04	LB134987
CCB06	Arsenic	20.0	+/-20.0	U	20.0	P	03/11/2025	15:54	LB134987
	Barium	100	+/-100	U	100	P	03/11/2025	15:54	LB134987
	Cadmium	6.00	+/-6.00	U	6.00	P	03/11/2025	15:54	LB134987
	Chromium	10.0	+/-10.0	U	10.0	P	03/11/2025	15:54	LB134987

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ENTACT		SDG No.: Q1523							
Contract: ENTA05	Lab Code: CHEM	Case No.: Q1523	SAS No.: Q1523						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Lead	12.0	+/-12.0	U	12.0	P	03/11/2025	15:54	LB134987
	Selenium	20.0	+/-20.0	U	20.0	P	03/11/2025	15:54	LB134987
	Silver	10.0	+/-10.0	U	10.0	P	03/11/2025	15:54	LB134987
CCB07	Arsenic	20.0	+/-20.0	U	20.0	P	03/11/2025	16:46	LB134987
	Barium	100	+/-100	U	100	P	03/11/2025	16:46	LB134987
	Cadmium	6.00	+/-6.00	U	6.00	P	03/11/2025	16:46	LB134987
CCB08	Chromium	10.0	+/-10.0	U	10.0	P	03/11/2025	16:46	LB134987
	Lead	12.0	+/-12.0	U	12.0	P	03/11/2025	16:46	LB134987
	Selenium	20.0	+/-20.0	U	20.0	P	03/11/2025	16:46	LB134987
CCB09	Silver	10.0	+/-10.0	U	10.0	P	03/11/2025	16:46	LB134987
	Arsenic	20.0	+/-20.0	U	20.0	P	03/11/2025	17:38	LB134987
	Barium	100	+/-100	U	100	P	03/11/2025	17:38	LB134987
CCB10	Cadmium	6.00	+/-6.00	U	6.00	P	03/11/2025	17:38	LB134987
	Chromium	10.0	+/-10.0	U	10.0	P	03/11/2025	17:38	LB134987
	Lead	12.0	+/-12.0	U	12.0	P	03/11/2025	17:38	LB134987
CCB11	Selenium	20.0	+/-20.0	U	20.0	P	03/11/2025	17:38	LB134987
	Silver	10.0	+/-10.0	U	10.0	P	03/11/2025	17:38	LB134987
	Arsenic	20.0	+/-20.0	U	20.0	P	03/11/2025	18:30	LB134987
CCB12	Barium	100	+/-100	U	100	P	03/11/2025	18:30	LB134987
	Cadmium	6.00	+/-6.00	U	6.00	P	03/11/2025	18:30	LB134987
	Chromium	10.0	+/-10.0	U	10.0	P	03/11/2025	18:30	LB134987
CCB13	Lead	12.0	+/-12.0	U	12.0	P	03/11/2025	18:30	LB134987
	Selenium	20.0	+/-20.0	U	20.0	P	03/11/2025	18:30	LB134987
	Silver	10.0	+/-10.0	U	10.0	P	03/11/2025	18:30	LB134987
CCB14	Arsenic	20.0	+/-20.0	U	20.0	P	03/11/2025	19:18	LB134987
	Barium	100	+/-100	U	100	P	03/11/2025	19:18	LB134987
	Cadmium	6.00	+/-6.00	U	6.00	P	03/11/2025	19:18	LB134987
CCB15	Chromium	10.0	+/-10.0	U	10.0	P	03/11/2025	19:18	LB134987
	Lead	12.0	+/-12.0	U	12.0	P	03/11/2025	19:18	LB134987
	Selenium	20.0	+/-20.0	U	20.0	P	03/11/2025	19:18	LB134987
CCB16	Silver	10.0	+/-10.0	U	10.0	P	03/11/2025	19:18	LB134987
	Arsenic	20.0	+/-20.0	U	20.0	P	03/11/2025	19:31	LB134987
	Barium	100	+/-100	U	100	P	03/11/2025	19:31	LB134987
CCB17	Cadmium	6.00	+/-6.00	U	6.00	P	03/11/2025	19:31	LB134987
	Chromium	10.0	+/-10.0	U	10.0	P	03/11/2025	19:31	LB134987
	Lead	12.0	+/-12.0	U	12.0	P	03/11/2025	19:31	LB134987
CCB18	Selenium	20.0	+/-20.0	U	20.0	P	03/11/2025	19:31	LB134987
	Silver	10.0	+/-10.0	U	10.0	P	03/11/2025	19:31	LB134987
	Arsenic	20.0	+/-20.0	U	20.0	P	03/11/2025	19:49	LB134987

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ENTACT

SDG No.: Q1523

Contract: ENTA05

Lab Code: CHEM

Case No.: Q1523

SAS No.: Q1523

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB12	Barium	100	+/-100	U	100	P	03/11/2025	19:49	LB134987
	Cadmium	6.00	+/-6.00	U	6.00	P	03/11/2025	19:49	LB134987
	Chromium	10.0	+/-10.0	U	10.0	P	03/11/2025	19:49	LB134987
	Lead	12.0	+/-12.0	U	12.0	P	03/11/2025	19:49	LB134987
	Selenium	20.0	+/-20.0	U	20.0	P	03/11/2025	19:49	LB134987
	Silver	10.0	+/-10.0	U	10.0	P	03/11/2025	19:49	LB134987

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: ENTACT

SDG No.: Q1523

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167049TB		WATER		Batch Number:	PB167093		Prep Date:	03/11/2025	
	Mercury	2.00	<2.00	U	2.00	CV	03/12/2025	13:24	LB134996
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167093BL		WATER		Batch Number:	PB167093		Prep Date:	03/11/2025	
	Mercury	0.20	<0.20	U	0.20	CV	03/12/2025	11:27	LB134996

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: ENTACT

SDG No.: Q1523

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167049TB		WATER		Batch Number:	PB167092		Prep Date:	03/11/2025	
	Arsenic	100	<100	U	100	P	03/11/2025	17:12	LB134987
	Barium	500	<500	U	500	P	03/11/2025	17:12	LB134987
	Cadmium	30.0	<30.0	U	30.0	P	03/11/2025	17:12	LB134987
	Chromium	13.4	<50.0	J	50.0	P	03/11/2025	17:12	LB134987
	Lead	60.0	<60.0	U	60.0	P	03/11/2025	17:12	LB134987
	Selenium	100	<100	U	100	P	03/11/2025	17:12	LB134987
	Silver	50.0	<50.0	U	50.0	P	03/11/2025	17:12	LB134987
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167092BL		WATER		Batch Number:	PB167092		Prep Date:	03/11/2025	
	Arsenic	100	<100	U	100	P	03/11/2025	18:43	LB134987
	Barium	500	<500	U	500	P	03/11/2025	18:43	LB134987
	Cadmium	30.0	<30.0	U	30.0	P	03/11/2025	18:43	LB134987
	Chromium	50.0	<50.0	U	50.0	P	03/11/2025	18:43	LB134987
	Lead	60.0	<60.0	U	60.0	P	03/11/2025	18:43	LB134987
	Selenium	100	<100	U	100	P	03/11/2025	18:43	LB134987
	Silver	50.0	<50.0	U	50.0	P	03/11/2025	18:43	LB134987



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT **SDG No.:** Q1523
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q1523 **SAS No.:** Q1523
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
ICV38	Mercury	3.65	4.0	91	90 - 110	CV	03/12/2025	11:00	LB134996

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT **SDG No.:** Q1523
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q1523 **SAS No.:** Q1523
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
CCV86	Mercury	4.85	5.0	97	90 - 110	CV	03/12/2025	11:10	LB134996
CCV87	Mercury	4.80	5.0	96	90 - 110	CV	03/12/2025	11:43	LB134996
CCV88	Mercury	4.78	5.0	96	90 - 110	CV	03/12/2025	12:54	LB134996
CCV89	Mercury	4.87	5.0	97	90 - 110	CV	03/12/2025	13:17	LB134996
CCV90	Mercury	5.23	5.0	105	90 - 110	CV	03/12/2025	13:46	LB134996

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT **SDG No.:** Q1523
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q1523 **SAS No.:** Q1523
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	1040	1000	104	90 - 110	P	03/11/2025	10:50	LB134987
	Barium	543	520	104	90 - 110	P	03/11/2025	10:50	LB134987
	Cadmium	511	510	100	90 - 110	P	03/11/2025	10:50	LB134987
	Chromium	527	520	101	90 - 110	P	03/11/2025	10:50	LB134987
	Lead	1020	1000	102	90 - 110	P	03/11/2025	10:50	LB134987
	Selenium	1040	1000	104	90 - 110	P	03/11/2025	10:50	LB134987
	Silver	259	250	104	90 - 110	P	03/11/2025	10:50	LB134987

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT SDG No.: Q1523
Contract: ENTA05 Lab Code: CHEM Case No.: Q1523 SAS No.: Q1523
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	21.2	20.0	106	80 - 120	P	03/11/2025	10:54	LB134987
	Barium	94.6	100	95	80 - 120	P	03/11/2025	10:54	LB134987
	Cadmium	5.80	6.0	97	80 - 120	P	03/11/2025	10:54	LB134987
	Chromium	10.2	10.0	102	80 - 120	P	03/11/2025	10:54	LB134987
	Lead	12.0	12.0	100	80 - 120	P	03/11/2025	10:54	LB134987
	Selenium	20.5	20.0	102	80 - 120	P	03/11/2025	10:54	LB134987
	Silver	10.4	10.0	104	80 - 120	P	03/11/2025	10:54	LB134987

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT **SDG No.:** Q1523
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q1523 **SAS No.:** Q1523
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	5010	5000	100	90 - 110	P	03/11/2025	11:29	LB134987
	Barium	10200	10000	102	90 - 110	P	03/11/2025	11:29	LB134987
	Cadmium	2520	2500	101	90 - 110	P	03/11/2025	11:29	LB134987
	Chromium	1010	1000	101	90 - 110	P	03/11/2025	11:29	LB134987
	Lead	5030	5000	101	90 - 110	P	03/11/2025	11:29	LB134987
	Selenium	4990	5000	100	90 - 110	P	03/11/2025	11:29	LB134987
	Silver	1270	1250	101	90 - 110	P	03/11/2025	11:29	LB134987
CCV02	Arsenic	5150	5000	103	90 - 110	P	03/11/2025	12:19	LB134987
	Barium	9970	10000	100	90 - 110	P	03/11/2025	12:19	LB134987
	Cadmium	2570	2500	103	90 - 110	P	03/11/2025	12:19	LB134987
	Chromium	1040	1000	104	90 - 110	P	03/11/2025	12:19	LB134987
	Lead	5120	5000	102	90 - 110	P	03/11/2025	12:19	LB134987
	Selenium	5170	5000	103	90 - 110	P	03/11/2025	12:19	LB134987
	Silver	1300	1250	104	90 - 110	P	03/11/2025	12:19	LB134987
CCV03	Arsenic	4860	5000	97	90 - 110	P	03/11/2025	13:10	LB134987
	Barium	9710	10000	97	90 - 110	P	03/11/2025	13:10	LB134987
	Cadmium	2430	2500	97	90 - 110	P	03/11/2025	13:10	LB134987
	Chromium	964	1000	96	90 - 110	P	03/11/2025	13:10	LB134987
	Lead	4830	5000	97	90 - 110	P	03/11/2025	13:10	LB134987
	Selenium	4840	5000	97	90 - 110	P	03/11/2025	13:10	LB134987
	Silver	1230	1250	98	90 - 110	P	03/11/2025	13:10	LB134987
CCV04	Arsenic	4940	5000	99	90 - 110	P	03/11/2025	14:08	LB134987
	Barium	10100	10000	101	90 - 110	P	03/11/2025	14:08	LB134987
	Cadmium	2470	2500	99	90 - 110	P	03/11/2025	14:08	LB134987
	Chromium	965	1000	96	90 - 110	P	03/11/2025	14:08	LB134987
	Lead	4880	5000	98	90 - 110	P	03/11/2025	14:08	LB134987
	Selenium	4920	5000	98	90 - 110	P	03/11/2025	14:08	LB134987
	Silver	1240	1250	100	90 - 110	P	03/11/2025	14:08	LB134987
CCV05	Arsenic	4810	5000	96	90 - 110	P	03/11/2025	15:00	LB134987
	Barium	9610	10000	96	90 - 110	P	03/11/2025	15:00	LB134987
	Cadmium	2400	2500	96	90 - 110	P	03/11/2025	15:00	LB134987
	Chromium	934	1000	93	90 - 110	P	03/11/2025	15:00	LB134987
	Lead	4760	5000	95	90 - 110	P	03/11/2025	15:00	LB134987
	Selenium	4790	5000	96	90 - 110	P	03/11/2025	15:00	LB134987

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT **SDG No.:** Q1523
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q1523 **SAS No.:** Q1523
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Silver	1190	1250	96	90 - 110	P	03/11/2025	15:00	LB134987
CCV06	Arsenic	4820	5000	96	90 - 110	P	03/11/2025	15:50	LB134987
	Barium	9620	10000	96	90 - 110	P	03/11/2025	15:50	LB134987
	Cadmium	2430	2500	97	90 - 110	P	03/11/2025	15:50	LB134987
	Chromium	956	1000	96	90 - 110	P	03/11/2025	15:50	LB134987
	Lead	4800	5000	96	90 - 110	P	03/11/2025	15:50	LB134987
	Selenium	4770	5000	96	90 - 110	P	03/11/2025	15:50	LB134987
	Silver	1230	1250	98	90 - 110	P	03/11/2025	15:50	LB134987
CCV07	Arsenic	4920	5000	98	90 - 110	P	03/11/2025	16:42	LB134987
	Barium	9730	10000	97	90 - 110	P	03/11/2025	16:42	LB134987
	Cadmium	2460	2500	98	90 - 110	P	03/11/2025	16:42	LB134987
	Chromium	956	1000	96	90 - 110	P	03/11/2025	16:42	LB134987
	Lead	4850	5000	97	90 - 110	P	03/11/2025	16:42	LB134987
	Selenium	4910	5000	98	90 - 110	P	03/11/2025	16:42	LB134987
	Silver	1230	1250	98	90 - 110	P	03/11/2025	16:42	LB134987
CCV08	Arsenic	4940	5000	99	90 - 110	P	03/11/2025	17:34	LB134987
	Barium	9820	10000	98	90 - 110	P	03/11/2025	17:34	LB134987
	Cadmium	2480	2500	99	90 - 110	P	03/11/2025	17:34	LB134987
	Chromium	955	1000	96	90 - 110	P	03/11/2025	17:34	LB134987
	Lead	4880	5000	98	90 - 110	P	03/11/2025	17:34	LB134987
	Selenium	4930	5000	99	90 - 110	P	03/11/2025	17:34	LB134987
	Silver	1230	1250	98	90 - 110	P	03/11/2025	17:34	LB134987
CCV09	Arsenic	5030	5000	101	90 - 110	P	03/11/2025	18:26	LB134987
	Barium	9800	10000	98	90 - 110	P	03/11/2025	18:26	LB134987
	Cadmium	2520	2500	101	90 - 110	P	03/11/2025	18:26	LB134987
	Chromium	971	1000	97	90 - 110	P	03/11/2025	18:26	LB134987
	Lead	4960	5000	99	90 - 110	P	03/11/2025	18:26	LB134987
	Selenium	5030	5000	101	90 - 110	P	03/11/2025	18:26	LB134987
	Silver	1260	1250	101	90 - 110	P	03/11/2025	18:26	LB134987
CCV10	Arsenic	4890	5000	98	90 - 110	P	03/11/2025	19:14	LB134987
	Barium	9280	10000	93	90 - 110	P	03/11/2025	19:14	LB134987
	Cadmium	2480	2500	99	90 - 110	P	03/11/2025	19:14	LB134987
	Chromium	968	1000	97	90 - 110	P	03/11/2025	19:14	LB134987
	Lead	4880	5000	98	90 - 110	P	03/11/2025	19:14	LB134987

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT SDG No.: Q1523
Contract: ENTA05 Lab Code: CHEM Case No.: Q1523 SAS No.: Q1523
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
CCV10	Selenium	4860	5000	97	90 - 110	P	03/11/2025	19:14	LB134987
	Silver	1230	1250	99	90 - 110	P	03/11/2025	19:14	LB134987
CCV11	Arsenic	4830	5000	97	90 - 110	P	03/11/2025	19:26	LB134987
	Barium	9770	10000	98	90 - 110	P	03/11/2025	19:26	LB134987
	Cadmium	2390	2500	95	90 - 110	P	03/11/2025	19:26	LB134987
	Chromium	935	1000	94	90 - 110	P	03/11/2025	19:26	LB134987
	Lead	4740	5000	95	90 - 110	P	03/11/2025	19:26	LB134987
	Selenium	4840	5000	97	90 - 110	P	03/11/2025	19:26	LB134987
	Silver	1230	1250	98	90 - 110	P	03/11/2025	19:26	LB134987
CCV12	Arsenic	4850	5000	97	90 - 110	P	03/11/2025	19:39	LB134987
	Barium	9430	10000	94	90 - 110	P	03/11/2025	19:39	LB134987
	Cadmium	2380	2500	95	90 - 110	P	03/11/2025	19:39	LB134987
	Chromium	948	1000	95	90 - 110	P	03/11/2025	19:39	LB134987
	Lead	4680	5000	94	90 - 110	P	03/11/2025	19:39	LB134987
	Selenium	5040	5000	101	90 - 110	P	03/11/2025	19:39	LB134987
	Silver	1210	1250	97	90 - 110	P	03/11/2025	19:39	LB134987



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Metals

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CRDL STANDARD FOR AA & ICP

Client: ENTACT **SDG No.:** Q1523
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q1523 **SAS No.:** Q1523
Initial Calibration Source: _____
Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Arsenic	19.0	20.0	95	40 - 160	P	03/11/2025	11:02	LB134987
	Barium	95.1	100	95	40 - 160	P	03/11/2025	11:02	LB134987
	Cadmium	5.81	6.0	97	40 - 160	P	03/11/2025	11:02	LB134987
	Chromium	9.83	10.0	98	40 - 160	P	03/11/2025	11:02	LB134987
	Lead	11.9	12.0	99	40 - 160	P	03/11/2025	11:02	LB134987
	Selenium	21.9	20.0	110	40 - 160	P	03/11/2025	11:02	LB134987
	Silver	10.3	10.0	103	40 - 160	P	03/11/2025	11:02	LB134987
CRA	Mercury	0.22	0.2	109	40 - 160	CV	03/12/2025	11:15	LB134996

Metals
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INTERFERENCE CHECK SAMPLE

Client: ENTACT **SDG No.:** Q1523
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q1523 **SAS No.:** Q1523
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	6.46			-20	20	03/11/2025	11:06	LB134987
	Barium	5.32	6.0	89	-94	106	03/11/2025	11:06	LB134987
	Cadmium	-2.31	1.0	231	-5	7	03/11/2025	11:06	LB134987
	Chromium	58.2	52.0	112	42	62	03/11/2025	11:06	LB134987
	Lead	3.81			-12	12	03/11/2025	11:06	LB134987
	Selenium	-16.3			-20	20	03/11/2025	11:06	LB134987
	Silver	-0.94			-10	10	03/11/2025	11:06	LB134987
ICSAB01	Arsenic	114	104	110	88.4	120	03/11/2025	11:11	LB134987
	Barium	487	537	91	437	637	03/11/2025	11:11	LB134987
	Cadmium	1020	972	105	826	1120	03/11/2025	11:11	LB134987
	Chromium	567	542	105	460	624	03/11/2025	11:11	LB134987
	Lead	55.7	49.0	114	37	61	03/11/2025	11:11	LB134987
	Selenium	32.4	46.0	70	26	66	03/11/2025	11:11	LB134987
	Silver	220	201	110	170	232	03/11/2025	11:11	LB134987



METAL

QC

DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: ENTACT **level:** low **sdg no.:** Q1523
contract: ENTA05 **lab code:** CHEM **case no.:** Q1523 **sas no.:** Q1523
matrix: Water **sample id:** Q1537-07 **client id:** COMP-3MS
Percent Solids for Sample: NA **Spiked ID:** Q1537-07MS **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	4150		100	U	4000	104		P
Barium	ug/L	75 - 125	1740		903		1000	84		P
Cadmium	ug/L	75 - 125	984		30.0	U	1000	98		P
Chromium	ug/L	75 - 125	2040		95.7		2000	97		P
Lead	ug/L	75 - 125	4690		60.0	U	5000	94		P
Mercury	ug/L	75 - 125	30.9		2.00	U	40.0	77		CV
Selenium	ug/L	75 - 125	9780		100	U	10000	98		P
Silver	ug/L	75 - 125	377		50.0	U	380	99		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>ENTACT</u>	level: <u>low</u>	sdg no.: <u>Q1523</u>
contract: <u>ENTA05</u>	lab code: <u>CHEM</u>	case no.: <u>Q1523</u> sas no.: <u>Q1523</u>
matrix: <u>Water</u>	sample id: <u>Q1537-07</u>	client id: <u>COMP-3MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q1537-07MSD</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	4180		100	U	4000	104		P
Barium	ug/L	75 - 125	1770		903		1000	87		P
Cadmium	ug/L	75 - 125	985		30.0	U	1000	98		P
Chromium	ug/L	75 - 125	2050		95.7		2000	98		P
Lead	ug/L	75 - 125	4680		60.0	U	5000	94		P
Mercury	ug/L	75 - 125	29.5		2.00	U	40.0	74	N	CV
Selenium	ug/L	75 - 125	9870		100	U	10000	99		P
Silver	ug/L	75 - 125	377		50.0	U	380	99		P

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: ENTACT **SDG No.:** Q1523
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q1523 **SAS No.:** Q1523
Matrix: Water **Level:** LOW **Client ID:** COMP-3A
Sample ID: Q1537-07 **Spiked ID:** Q1537-07A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	38.7		2.00	U	40.0	97		CV

Metals

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DUPLICATE SAMPLE SUMMARY

Client: ENTACT **Level:** LOW **SDG No.:** Q1523
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q1523 **SAS No.:** Q1523
Matrix: Water **Sample ID:** Q1537-07 **Client ID:** COMP-3DUP
Percent Solids for Sample: NA **Duplicate ID** Q1537-07DUP **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	903		888		2		P
Cadmium	ug/L	20	30.0	U	30.0	U			P
Chromium	ug/L	20	95.7		95.6		0		P
Lead	ug/L	20	60.0	U	60.0	U			P
Mercury	ug/L	20	2.00	U	2.00	U			CV
Selenium	ug/L	20	100	U	100	U			P
Silver	ug/L	20	50.0	U	50.0	U			P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: ENTACT **Level:** LOW **SDG No.:** Q1523
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q1523 **SAS No.:** Q1523
Matrix: Water **Sample ID:** Q1537-07MS **Client ID:** COMP-3MSD
Percent Solids for Sample: NA **Duplicate ID** Q1537-07MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	4150		4180		1		P
Barium	ug/L	20	1740		1770		2		P
Cadmium	ug/L	20	984		985		0		P
Chromium	ug/L	20	2040		2050		0		P
Lead	ug/L	20	4690		4680		0		P
Mercury	ug/L	20	30.9		29.5		5		CV
Selenium	ug/L	20	9780		9870		1		P
Silver	ug/L	20	377		377		0		P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: ENTACT **SDG No.:** Q1523
Contract: ENTA05 **Lab Code:** CHEM **Case No.:** Q1523 **SAS No.:** Q1523

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167092BS							
Arsenic	ug/L	4000	3800		95	80 - 120	P
Barium	ug/L	1000	866		87	80 - 120	P
Cadmium	ug/L	1000	916		92	80 - 120	P
Chromium	ug/L	2000	1890		94	80 - 120	P
Lead	ug/L	5000	4610		92	80 - 120	P
Selenium	ug/L	10000	9220		92	80 - 120	P
Silver	ug/L	380	362		95	80 - 120	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: ENTACT

SDG No.: Q1523

Contract: ENTA05

Lab Code: CHEM

Case No.: Q1523

SAS No.: Q1523

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167093BS Mercury	ug/L	4.0	4.25		106	80 - 120	CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

COMP-3L

Lab Name: Chemtech Consulting Group

Contract: ENTA05

Lab Code: CHEM **Lb No.:** lb134987 **Lab Sample ID :** Q1537-07L **SDG No.:** Q1523

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

Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Difference	Q	M
		C		C			
Arsenic	100	U	500	U			P
Barium	903		947	J	5		P
Cadmium	30.0	U	150	U			P
Chromium	95.7		85.8	J	10		P
Lead	60.0	U	300	U			P
Mercury	2.00	U	10.0	U			CV
Selenium	100	U	500	U			P
Silver	50.0	U	250	U			P

metals
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ANALYSIS RUN LOG

Client: ENTACT **Contract:** ENTA05

Lab code: CHEM **Case no.:** Q1523 **Sas no.:** Q1523 **Sdg no.:** Q1523

Instrument id number: **Method:** **Run number:** LB134987

Start date: 03/11/2025 **End date:** 03/11/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1019	Ag,As,Ba,Cd,Cr,Pb,Se
S1	S1	1	1024	Ag,As,Ba,Cd,Cr,Pb,Se
S2	S2	1	1028	Ag,As,Ba,Cd,Cr,Pb,Se
S3	S3	1	1032	Ag,As,Ba,Cd,Cr,Pb,Se
S4	S4	1	1036	Ag,As,Ba,Cd,Cr,Pb,Se
S5	S5	1	1041	Ag,As,Ba,Cd,Cr,Pb,Se
ICV01	ICV01	1	1050	Ag,As,Ba,Cd,Cr,Pb,Se
LLICV01	LLICV01	1	1054	Ag,As,Ba,Cd,Cr,Pb,Se
ICB01	ICB01	1	1058	Ag,As,Ba,Cd,Cr,Pb,Se
CRI01	CRI01	1	1102	Ag,As,Ba,Cd,Cr,Pb,Se
ICSA01	ICSA01	1	1106	Ag,As,Ba,Cd,Cr,Pb,Se
ICSAB01	ICSAB01	1	1111	Ag,As,Ba,Cd,Cr,Pb,Se
CCV01	CCV01	1	1129	Ag,As,Ba,Cd,Cr,Pb,Se
CCB01	CCB01	1	1134	Ag,As,Ba,Cd,Cr,Pb,Se
CCV02	CCV02	1	1219	Ag,As,Ba,Cd,Cr,Pb,Se
CCB02	CCB02	1	1223	Ag,As,Ba,Cd,Cr,Pb,Se
CCV03	CCV03	1	1310	Ag,As,Ba,Cd,Cr,Pb,Se
CCB03	CCB03	1	1314	Ag,As,Ba,Cd,Cr,Pb,Se
CCV04	CCV04	1	1408	Ag,As,Ba,Cd,Cr,Pb,Se
CCB04	CCB04	1	1413	Ag,As,Ba,Cd,Cr,Pb,Se
CCV05	CCV05	1	1500	Ag,As,Ba,Cd,Cr,Pb,Se
CCB05	CCB05	1	1504	Ag,As,Ba,Cd,Cr,Pb,Se
CCV06	CCV06	1	1550	Ag,As,Ba,Cd,Cr,Pb,Se
CCB06	CCB06	1	1554	Ag,As,Ba,Cd,Cr,Pb,Se
CCV07	CCV07	1	1642	Ag,As,Ba,Cd,Cr,Pb,Se
CCB07	CCB07	1	1646	Ag,As,Ba,Cd,Cr,Pb,Se
PB167049TB	PB167049TB	1	1712	Ag,As,Ba,Cd,Cr,Pb,Se
Q1523-03	WC-A1-01-C	1	1716	Ag,As,Ba,Cd,Cr,Pb,Se
Q1523-06	WC-A2-02-C	1	1720	Ag,As,Ba,Cd,Cr,Pb,Se
CCV08	CCV08	1	1734	Ag,As,Ba,Cd,Cr,Pb,Se
CCB08	CCB08	1	1738	Ag,As,Ba,Cd,Cr,Pb,Se
Q1537-07DUP	COMP-3DUP	1	1804	Ag,As,Ba,Cd,Cr,Pb,Se
Q1537-07L	COMP-3L	5	1809	Ag,As,Ba,Cd,Cr,Pb,Se
Q1537-07MS	COMP-3MS	1	1813	Ag,As,Ba,Cd,Cr,Pb,Se
Q1537-07MSD	COMP-3MSD	1	1818	Ag,As,Ba,Cd,Cr,Pb,Se
CCV09	CCV09	1	1826	Ag,As,Ba,Cd,Cr,Pb,Se
CCB09	CCB09	1	1830	Ag,As,Ba,Cd,Cr,Pb,Se
PB167092BL	PB167092BL	1	1843	Ag,As,Ba,Cd,Cr,Pb,Se
PB167092BS	PB167092BS	1	1847	Ag,As,Ba,Cd,Cr,Pb,Se
CCV10	CCV10	1	1914	Ag,As,Ba,Cd,Cr,Pb,Se
CCB10	CCB10	1	1918	Ag,As,Ba,Cd,Cr,Pb,Se

metals
- 14 -
ANALYSIS RUN LOG

Client: ENTACT

Contract: ENTA05

Lab code: CHEM **Case no.:** Q1523 **Sas no.:** Q1523

Sdg no.: Q1523

Instrument id number: **Method:**

Run number: LB134987

Start date: 03/11/2025 **End date:** 03/11/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
CCV11	CCV11	1	1926	Ag,As,Ba,Cd,Cr,Pb,Se
CCB11	CCB11	1	1931	Ag,As,Ba,Cd,Cr,Pb,Se
CCV12	CCV12	1	1939	Ag,As,Ba,Cd,Cr,Pb,Se
CCB12	CCB12	1	1949	Ag,As,Ba,Cd,Cr,Pb,Se

metals
- 14 -
ANALYSIS RUN LOG

Client: ENTACT **Contract:** ENTA05

Lab code: CHEM **Case no.:** Q1523 **Sas no.:** Q1523 **Sdg no.:** Q1523

Instrument id number: **Method:** **Run number:** LB134996

Start date: 03/12/2025 **End date:** 03/12/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1041	HG
S0.2	S0.2	1	1043	HG
S2.5	S2.5	1	1045	HG
S5	S5	1	1048	HG
S7.5	S7.5	1	1050	HG
S10	S10	1	1055	HG
ICV38	ICV38	1	1100	HG
ICB38	ICB38	1	1102	HG
CCV86	CCV86	1	1110	HG
CCB86	CCB86	1	1112	HG
CRA	CRA	1	1115	HG
PB167093BL	PB167093BL	1	1127	HG
PB167093BS	PB167093BS	1	1130	HG
Q1523-03	WC-A1-01-C	1	1132	HG
Q1523-06	WC-A2-02-C	1	1134	HG
CCV87	CCV87	1	1143	HG
CCB87	CCB87	1	1146	HG
Q1537-07DUP	COMP-3DUP	1	1157	HG
Q1537-07MS	COMP-3MS	1	1159	HG
Q1537-07MSD	COMP-3MSD	1	1202	HG
CCV88	CCV88	1	1254	HG
CCB88	CCB88	1	1256	HG
CCV89	CCV89	1	1317	HG
CCB89	CCB89	1	1320	HG
PB167049TB	PB167049TB	1	1324	HG
Q1537-07L	COMP-3L	5	1326	HG
Q1537-07A	COMP-3A	1	1329	HG
CCV90	CCV90	1	1346	HG
CCB90	CCB90	1	1348	HG



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: ENTACT

SDG No.: Q1523

Contract: ENTA05

Lab Code: CHEM

Case No.: Q1523

SAS No.: Q1523

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Al	Ca	Fe	Mg	Ag
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: ENTACT

SDG No.: Q1523

Contract: ENTA05

Lab Code: CHEM

Case No.: Q1523

SAS No.: Q1523

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		As	Ba	Be	Cd	Co
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: ENTACT

SDG No.: Q1523

Contract: ENTA05

Lab Code: CHEM

Case No.: Q1523

SAS No.: Q1523

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Cr	Cu	K	Mn	Mo
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: ENTACT

SDG No.: Q1523

Contract: ENTA05

Lab Code: CHEM

Case No.: Q1523

SAS No.: Q1523

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Na	Ni	Pb	Sb	Se
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: ENTACT

SDG No.: Q1523

Contract: ENTA05

Lab Code: CHEM

Case No.: Q1523

SAS No.: Q1523

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
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000

LAB CHRONICLE

OrderID:	Q1523	OrderDate:	3/7/2025 10:35:00 AM
Client:	ENTACT	Project:	540 Degraw St, Brooklyn, NY - E9309
Contact:	Jarod Stanfield	Location:	I31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1523-03	WC-A1-01-C	TCLP			03/06/25			03/07/25
			TCLP ICP Metals	6010D		03/11/25	03/11/25	
			TCLP Mercury	7470A		03/11/25	03/12/25	
Q1523-06	WC-A2-02-C	TCLP			03/06/25			03/07/25
			TCLP ICP Metals	6010D		03/11/25	03/11/25	
			TCLP Mercury	7470A		03/11/25	03/12/25	



METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client: ENTACT **SDG No.:** Q1523
Contract: ENTA05 **Lab Code:** CHEM **Method:**
Case No.: Q1523 **SAS No.:** Q1523

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB167092							
PB167049TB	PB167049TB	MB	WATER	03/11/2025	5.0	25.0	
PB167092BL	PB167092BL	MB	WATER	03/11/2025	5.0	25.0	
PB167092BS	PB167092BS	LCS	WATER	03/11/2025	5.0	25.0	
Q1523-03	WC-A1-01-C	SAM	WATER	03/11/2025	5.0	25.0	
Q1523-06	WC-A2-02-C	SAM	WATER	03/11/2025	5.0	25.0	
Q1537-07DUP	COMP-3DUP	DUP	WATER	03/11/2025	5.0	25.0	
Q1537-07MS	COMP-3MS	MS	WATER	03/11/2025	5.0	25.0	
Q1537-07MSD	COMP-3MSD	MSD	WATER	03/11/2025	5.0	25.0	

Metals

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SAMPLE PREPARATION SUMMARY

Client: ENTACT **SDG No.:** Q1523
Contract: ENTA05 **Lab Code:** CHEM **Method:**
Case No.: Q1523 **SAS No.:** Q1523

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB167093							
PB167049TB	PB167049TB	MB	WATER	03/11/2025	3.0	30.0	
PB167093BL	PB167093BL	MB	WATER	03/11/2025	30.0	30.0	
PB167093BS	PB167093BS	LCS	WATER	03/11/2025	30.0	30.0	
Q1523-03	WC-A1-01-C	SAM	WATER	03/11/2025	3.0	30.0	
Q1523-06	WC-A2-02-C	SAM	WATER	03/11/2025	3.0	30.0	
Q1537-07DUP	COMP-3DUP	DUP	WATER	03/11/2025	3.0	30.0	
Q1537-07MS	COMP-3MS	MS	WATER	03/11/2025	3.0	30.0	
Q1537-07MSD	COMP-3MSD	MSD	WATER	03/11/2025	3.0	30.0	

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB134987

Review By	kareem	Review On	3/11/2025 3:30:40 PM
Supervise By	jaswal	Supervise On	3/11/2025 3:32:56 PM
STD. NAME	STD REF.#		
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846		
ICV Standard	MP84643		
CCV Standard	MP84646		
ICSA Standard	MP84644,MP84721		
CRI Standard	MP84846		
LCS Standard			
Chk Standard	MP84649,MP84650		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	03/11/25 10:19		Kareem	OK
2	S1	S1	CAL2	03/11/25 10:24		Kareem	OK
3	S2	S2	CAL3	03/11/25 10:28		Kareem	OK
4	S3	S3	CAL4	03/11/25 10:32		Kareem	OK
5	S4	S4	CAL5	03/11/25 10:36		Kareem	OK
6	S5	S5	CAL6	03/11/25 10:41		Kareem	OK
7	ICV01	ICV01	ICV	03/11/25 10:50		Kareem	OK
8	LLICV01	LLICV01	LLICV	03/11/25 10:54		Kareem	OK
9	ICB01	ICB01	ICB	03/11/25 10:58		Kareem	OK
10	CRI01	CRI01	CRDL	03/11/25 11:02		Kareem	OK
11	ICSA01	ICSA01	ICSA	03/11/25 11:06		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	03/11/25 11:11		Kareem	OK
13	ICSADL	ICSADL	ICSA	03/11/25 11:15		Kareem	OK
14	ICSABDL	ICSABDL	ICSAB	03/11/25 11:19		Kareem	OK
15	CCV01	CCV01	CCV	03/11/25 11:29		Kareem	OK
16	CCB01	CCB01	CCB	03/11/25 11:34		Kareem	OK
17	Q1421-04	P001-CLAY-CF01-01	SAM	03/11/25 11:38		Kareem	OK
18	Q1421-04DUP	P001-CLAY-CF01-01	DUP	03/11/25 11:42		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB134987

Review By	kareem	Review On	3/11/2025 3:30:40 PM
Supervise By	jaswal	Supervise On	3/11/2025 3:32:56 PM

STD. NAME	STD REF.#
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846
ICV Standard	MP84643
CCV Standard	MP84646
ICSA Standard	MP84644,MP84721
CRI Standard	MP84846
LCS Standard	
Chk Standard	MP84649,MP84650

19	Q1421-04L	P001-CLAY-CF01-01	SD	03/11/25 11:46		Kareem	OK
20	Q1421-05	P001-CLAY-CF01-01	MS	03/11/25 11:51	0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
21	Q1421-06	P001-CLAY-CF01-01	MSD	03/11/25 11:55	0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
22	Q1421-04A	P001-CLAY-CF01-01	PS	03/11/25 11:59	0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
23	Q1490-01	MS	SAM	03/11/25 12:02		Kareem	OK
24	Q1490-02	MS	SAM	03/11/25 12:07		Kareem	OK
25	Q1494-03	ASPHALT-SOIL	SAM	03/11/25 12:11		Kareem	OK
26	Q1494-05	SOIL	SAM	03/11/25 12:15		Kareem	OK
27	CCV02	CCV02	CCV	03/11/25 12:19		Kareem	OK
28	CCB02	CCB02	CCB	03/11/25 12:23		Kareem	OK
29	Q1494-07	SOIL-COMP	SAM	03/11/25 12:28		Kareem	OK
30	Q1494-07DUP	SOIL-COMPDUP	DUP	03/11/25 12:32		Kareem	OK
31	Q1494-07L	SOIL-COMPL	SD	03/11/25 12:36		Kareem	OK
32	Q1494-07MS	SOIL-COMPMS	MS	03/11/25 12:40	0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
33	Q1494-07MSD	SOIL-COMPMSD	MSD	03/11/25 12:44	0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB134987

Review By	kareem	Review On	3/11/2025 3:30:40 PM
Supervise By	jaswal	Supervise On	3/11/2025 3:32:56 PM

STD. NAME	STD REF.#
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846
ICV Standard	MP84643
CCV Standard	MP84646
ICSA Standard	MP84644,MP84721
CRI Standard	MP84846
LCS Standard	
Chk Standard	MP84649,MP84650

34	Q1494-07ARE	SOIL-COMPA	PS	03/11/25 12:48	0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
35	Q1494-04	ASPHALT-SOIL	SAM	03/11/25 12:52		Kareem	OK
36	Q1494-06	SOIL	SAM	03/11/25 12:57		Kareem	OK
37	Q1494-08	SOIL-COMP	SAM	03/11/25 13:01		Kareem	OK
38	PB167004BL	PB167004BL	MB	03/11/25 13:05		Kareem	OK
39	CCV03	CCV03	CCV	03/11/25 13:10		Kareem	OK
40	CCB03	CCB03	CCB	03/11/25 13:14		Kareem	OK
41	PB167004BS	PB167004BS	LCS	03/11/25 13:18	0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
42	Q1494-01	PURGE-WATER	SAM	03/11/25 13:22		Kareem	OK
43	Q1494-01DUP	PURGE-WATERDUP	DUP	03/11/25 13:26		Kareem	OK
44	Q1494-01L	PURGE-WATERL	SD	03/11/25 13:31		Kareem	OK
45	Q1494-01MS	PURGE-WATERMS	MS	03/11/25 13:35	0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
46	Q1494-01MSD	PURGE-WATERMSD	MSD	03/11/25 13:39	0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
47	Q1494-01A	PURGE-WATERA	PS	03/11/25 13:43	0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
48	PB167002BL	PB167002BL	MB	03/11/25 13:55		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB134987

Review By	kareem	Review On	3/11/2025 3:30:40 PM
Supervise By	jaswal	Supervise On	3/11/2025 3:32:56 PM

STD. NAME	STD REF.#
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846
ICV Standard	MP84643
CCV Standard	MP84646
ICSA Standard	MP84644,MP84721
CRI Standard	MP84846
LCS Standard	
Chk Standard	MP84649,MP84650

49	PB167002BS	PB167002BS	LCS	03/11/25 14:00	0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
50	Q1499-01	402	SAM	03/11/25 14:04		Kareem	OK
51	CCV04	CCV04	CCV	03/11/25 14:08		Kareem	OK
52	CCB04	CCB04	CCB	03/11/25 14:13		Kareem	OK
53	Q1499-01DUP	402DUP	DUP	03/11/25 14:17		Kareem	OK
54	Q1499-01L	402L	SD	03/11/25 14:21		Kareem	OK
55	Q1499-01MS	402MS	MS	03/11/25 14:26	0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
56	Q1499-01MSD	402MSD	MSD	03/11/25 14:30	0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
57	Q1499-01A	402A	PS	03/11/25 14:34	0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
58	Q1488-02	ENV-101-SB01	SAM	03/11/25 14:38		Kareem	OK
59	Q1415-06	B-173-GW01	SAM	03/11/25 14:43		Kareem	OK
60	Q1415-06DUP	B-173-GW01DUP	DUP	03/11/25 14:47		Kareem	OK
61	Q1415-06L	B-173-GW01L	SD	03/11/25 14:52		Kareem	OK
62	Q1415-06MS	B-173-GW01MS	MS	03/11/25 14:56	0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
63	CCV05	CCV05	CCV	03/11/25 15:00		Kareem	OK
64	CCB05	CCB05	CCB	03/11/25 15:04		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB134987

Review By	kareem	Review On	3/11/2025 3:30:40 PM
Supervise By	jaswal	Supervise On	3/11/2025 3:32:56 PM

STD. NAME	STD REF.#
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846
ICV Standard	MP84643
CCV Standard	MP84646
ICSA Standard	MP84644,MP84721
CRI Standard	MP84846
LCS Standard	
Chk Standard	MP84649,MP84650

65	Q1415-06MSD	B-173-GW01MSD	MSD	03/11/25 15:09	0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
66	Q1415-06A	B-173-GW01A	PS	03/11/25 15:13	0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
67	Q1534-01	OR-636-COMP-16	SAM	03/11/25 15:17		Kareem	OK
68	Q1534-07	OR-636-COMP-17	SAM	03/11/25 15:21		Kareem	OK
69	Q1534-13	OR-636-COMP-18	SAM	03/11/25 15:25		Kareem	OK
70	Q1534-19	OR-636-COMP-19	SAM	03/11/25 15:29		Kareem	OK
71	Q1535-01	SU-03-03102025	SAM	03/11/25 15:33		Kareem	OK
72	Q1535-01DUP	SU-03-03102025DUP	DUP	03/11/25 15:37		Kareem	OK
73	Q1535-01L	SU-03-03102025L	SD	03/11/25 15:41		Kareem	OK
74	Q1535-01MS	SU-03-03102025MS	MS	03/11/25 15:46	0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
75	CCV06	CCV06	CCV	03/11/25 15:50		Kareem	OK
76	CCB06	CCB06	CCB	03/11/25 15:54		Kareem	OK
77	Q1535-01MSD	SU-03-03102025MSD	MSD	03/11/25 16:00	0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
78	Q1537-01	COMP-1	SAM	03/11/25 16:08		Kareem	OK
79	Q1537-02	COMP-2	SAM	03/11/25 16:12		Kareem	OK
80	Q1537-03	COMP-3	SAM	03/11/25 16:17		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB134987

Review By	kareem	Review On	3/11/2025 3:30:40 PM
Supervise By	jaswal	Supervise On	3/11/2025 3:32:56 PM
STD. NAME	STD REF.#		
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846		
ICV Standard	MP84643		
CCV Standard	MP84646		
ICSA Standard	MP84644,MP84721		
CRI Standard	MP84846		
LCS Standard			
Chk Standard	MP84649,MP84650		

81	PB167081BL	PB167081BL	MB	03/11/25 16:21		Kareem	OK
82	PB167081BS	PB167081BS	LCS	03/11/25 16:25	0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
83	Q1541-01	205703	SAM	03/11/25 16:29		Kareem	OK
84	Q1541-01DUP	205703DUP	DUP	03/11/25 16:34		Kareem	OK
85	Q1541-01L	205703L	SD	03/11/25 16:38		Kareem	OK
86	CCV07	CCV07	CCV	03/11/25 16:42		Kareem	OK
87	CCB07	CCB07	CCB	03/11/25 16:46		Kareem	OK
88	Q1541-01MS	205703MS	MS	03/11/25 16:51	0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
89	Q1541-01MSD	205703MSD	MSD	03/11/25 16:55	0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
90	Q1541-01A	205703A	PS	03/11/25 16:59	0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
91	PB167084BL	PB167084BL	MB	03/11/25 17:03		Kareem	OK
92	PB167084BS	PB167084BS	LCS	03/11/25 17:07	0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
93	PB167049TB	PB167049TB	MB	03/11/25 17:12		Kareem	OK
94	Q1523-03	WC-A1-01-C	SAM	03/11/25 17:16		Kareem	OK
95	Q1523-06	WC-A2-02-C	SAM	03/11/25 17:20		Kareem	OK
96	Q1534-06	OR-636-COMP-16	SAM	03/11/25 17:25		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB134987

Review By	kareem	Review On	3/11/2025 3:30:40 PM
Supervise By	jaswal	Supervise On	3/11/2025 3:32:56 PM
STD. NAME	STD REF.#		
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846		
ICV Standard	MP84643		
CCV Standard	MP84646		
ICSA Standard	MP84644,MP84721		
CRI Standard	MP84846		
LCS Standard			
Chk Standard	MP84649,MP84650		

97	Q1534-12	OR-636-COMP-17	SAM	03/11/25 17:29		Kareem	OK
98	CCV08	CCV08	CCV	03/11/25 17:34		Kareem	OK
99	CCB08	CCB08	CCB	03/11/25 17:38		Kareem	OK
100	Q1534-18	OR-636-COMP-18	SAM	03/11/25 17:42		Kareem	OK
101	Q1534-24	OR-636-COMP-19	SAM	03/11/25 17:47		Kareem	OK
102	Q1537-05	COMP-1	SAM	03/11/25 17:51		Kareem	OK
103	Q1537-06	COMP-2	SAM	03/11/25 17:55		Kareem	OK
104	Q1537-07	COMP-3	SAM	03/11/25 18:00		Kareem	OK
105	Q1537-07DUP	COMP-3DUP	DUP	03/11/25 18:04		Kareem	OK
106	Q1537-07L	COMP-3L	SD	03/11/25 18:09		Kareem	OK
107	Q1537-07MS	COMP-3MS	MS	03/11/25 18:13	0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
108	Q1537-07MSD	COMP-3MSD	MSD	03/11/25 18:18	0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
109	Q1537-07A	COMP-3A	PS	03/11/25 18:22	0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
110	CCV09	CCV09	CCV	03/11/25 18:26		Kareem	OK
111	CCB09	CCB09	CCB	03/11/25 18:30		Kareem	OK
112	Q1535-01A	SU-03-03102025A	PS	03/11/25 18:35	0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB134987

Review By	kareem	Review On	3/11/2025 3:30:40 PM
Supervise By	jaswal	Supervise On	3/11/2025 3:32:56 PM
STD. NAME	STD REF.#		
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846		
ICV Standard	MP84643		
CCV Standard	MP84646		
ICSA Standard	MP84644,MP84721		
CRI Standard	MP84846		
LCS Standard			
Chk Standard	MP84649,MP84650		

113	Q1494-07A	SOIL-COMPA	PS	03/11/25 18:39	0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
114	PB167092BL	PB167092BL	MB	03/11/25 18:43		Kareem	OK
115	PB167092BS	PB167092BS	LCS	03/11/25 18:47	0.1 ML M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
116	P3652-03	P3652-01 - LIVONIA-3	SAM	03/11/25 18:51	NOT USE	Kareem	Not Ok
117	PB167020TB	PB167020TB	MB	03/11/25 18:55		Kareem	OK
118	LR1	LR1	HIGH STD	03/11/25 18:59		Kareem	OK
119	LR2	LR2	HIGH STD	03/11/25 19:04		Kareem	OK
120	CCV10	CCV10	CCV	03/11/25 19:14		Kareem	OK
121	CCB10	CCB10	CCB	03/11/25 19:18		Kareem	OK
122	Q1538-01L	BELL-25-0004L	SD	03/11/25 19:22	Method 6020B Sample in login	Kareem	Not Ok
123	CCV11	CCV11	CCV	03/11/25 19:26		Kareem	OK
124	CCB11	CCB11	CCB	03/11/25 19:31		Kareem	OK
125	Q1538-01	BELL-25-0004	SAM	03/11/25 19:35	Method 6020B Sample in login	Kareem	Not Ok
126	CCV12	CCV12	CCV	03/11/25 19:39		Kareem	OK
127	CCB12	CCB12	CCB	03/11/25 19:49		Kareem	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB134996

Review By	Mohan	Review On	3/14/2025 11:17:02 AM
Supervise By	jaswal	Supervise On	3/14/2025 1:48:29 PM
STD. NAME	STD REF.#		
ICAL Standard	MP84848,MP84850,MP84851,MP84852,MP84853,MP84854		
ICV Standard	MP84855		
CCV Standard	MP84857		
ICSA Standard			
CRI Standard	MP84859		
LCS Standard			
Chk Standard	MP84856,MP84858,MP84860,MP84862		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	03/12/25 10:41		Mohan	OK
2	S0.2	S0.2	CAL2	03/12/25 10:43		Mohan	OK
3	S2.5	S2.5	CAL3	03/12/25 10:45		Mohan	OK
4	S5	S5	CAL4	03/12/25 10:48		Mohan	OK
5	S7.5	S7.5	CAL5	03/12/25 10:50		Mohan	OK
6	S10	S10	CAL6	03/12/25 10:55		Mohan	OK
7	ICV38	ICV38	ICV	03/12/25 11:00		Mohan	OK
8	ICB38	ICB38	ICB	03/12/25 11:02		Mohan	OK
9	CCV86	CCV86	CCV	03/12/25 11:10		Mohan	OK
10	CCB86	CCB86	CCB	03/12/25 11:12		Mohan	OK
11	CRA	CRA	CRDL	03/12/25 11:15		Mohan	OK
12	HighStd	HighStd	HIGH STD	03/12/25 11:17		Mohan	OK
13	ChkStd	ChkStd	SAM	03/12/25 11:25		Mohan	OK
14	PB167093BL	PB167093BL	MB	03/12/25 11:27		Mohan	OK
15	PB167093BS	PB167093BS	LCS	03/12/25 11:30		Mohan	OK
16	Q1523-03	WC-A1-01-C	SAM	03/12/25 11:32		Mohan	OK
17	Q1523-06	WC-A2-02-C	SAM	03/12/25 11:34		Mohan	OK
18	Q1534-06	OR-636-COMP-16	SAM	03/12/25 11:37		Mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB134996

Review By	Mohan	Review On	3/14/2025 11:17:02 AM
Supervise By	jaswal	Supervise On	3/14/2025 1:48:29 PM
STD. NAME	STD REF.#		
ICAL Standard	MP84848,MP84850,MP84851,MP84852,MP84853,MP84854		
ICV Standard	MP84855		
CCV Standard	MP84857		
ICSA Standard			
CRI Standard	MP84859		
LCS Standard			
Chk Standard	MP84856,MP84858,MP84860,MP84862		

19	Q1534-12	OR-636-COMP-17	SAM	03/12/25 11:39		Mohan	OK
20	Q1534-18	OR-636-COMP-18	SAM	03/12/25 11:41		Mohan	OK
21	CCV87	CCV87	CCV	03/12/25 11:43		Mohan	OK
22	CCB87	CCB87	CCB	03/12/25 11:46		Mohan	OK
23	Q1534-24	OR-636-COMP-19	SAM	03/12/25 11:48		Mohan	OK
24	Q1537-05	COMP-1	SAM	03/12/25 11:50		Mohan	OK
25	Q1537-06	COMP-2	SAM	03/12/25 11:52		Mohan	OK
26	Q1537-07	COMP-3	SAM	03/12/25 11:55		Mohan	OK
27	Q1537-07DUP	COMP-3DUP	DUP	03/12/25 11:57		Mohan	OK
28	Q1537-07MS	COMP-3MS	MS	03/12/25 11:59		Mohan	OK
29	Q1537-07MSD	COMP-3MSD	MSD	03/12/25 12:02		Mohan	OK
30	PB167102BL	PB167102BL	MB	03/12/25 12:04		Mohan	OK
31	Q1168-07	LOD-MDL-WATER-01	SAM	03/12/25 12:32		Mohan	OK
32	CCV88	CCV88	CCV	03/12/25 12:54		Mohan	OK
33	CCB88	CCB88	CCB	03/12/25 12:56		Mohan	OK
34	Q1168-08	LOQ-WATER-02-QT1	LCS	03/12/25 13:01		Mohan	OK
35	Q1539-01	TAPIAL3-MW03D-031	SAM	03/12/25 13:04		Mohan	OK
36	Q1539-02	TAPFTA-MW011-0310	SAM	03/12/25 13:06		Mohan	OK
37	Q1541-01	205703	SAM	03/12/25 13:08		Mohan	OK
38	Q1541-01DUP	205703DUP	DUP	03/12/25 13:10		Mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB134996

Review By	Mohan	Review On	3/14/2025 11:17:02 AM
Supervise By	jaswal	Supervise On	3/14/2025 1:48:29 PM

STD. NAME	STD REF.#
ICAL Standard	MP84848,MP84850,MP84851,MP84852,MP84853,MP84854
ICV Standard	MP84855
CCV Standard	MP84857
ICSA Standard	
CRI Standard	MP84859
LCS Standard	
Chk Standard	MP84856,MP84858,MP84860,MP84862

39	Q1541-01MS	205703MS	MS	03/12/25 13:13		Mohan	OK
40	Q1541-01MSD	205703MSD	MSD	03/12/25 13:15		Mohan	OK
41	CCV89	CCV89	CCV	03/12/25 13:17		Mohan	OK
42	CCB89	CCB89	CCB	03/12/25 13:20		Mohan	OK
43	PB167102BS	PB167102BS	LCS	03/12/25 13:22		Mohan	OK
44	PB167049TB	PB167049TB	MB	03/12/25 13:24		Mohan	OK
45	Q1537-07L	COMP-3L	SD	03/12/25 13:26		Mohan	OK
46	Q1537-07A	COMP-3A	PS	03/12/25 13:29		Mohan	OK
47	Q1541-01L	205703L	SD	03/12/25 13:31		Mohan	OK
48	Q1541-01A	205703A	PS	03/12/25 13:33		Mohan	OK
49	CCV90	CCV90	CCV	03/12/25 13:46		Mohan	OK
50	CCB90	CCB90	CCB	03/12/25 13:48		Mohan	OK

SOP ID :	M1311-TCLP-15	
SDG No :	N/A	Start Prep Date : 03/10/2025 Time : 15:30
Weigh By :	JP	End Prep Date : 03/11/2025 Time : 09:45
Balance ID :	WC SC-7	Combination Ratio : 20
pH Meter ID :	WC PH METER-1	ZHE Cleaning Batch : N/A ¹⁸
Extraction By :	JP	Initial Room Temperature: 24 °C
Filter By :	JP	Final Room Temperature: 22 °C
Pipette ID :	WC	TCLP Technician Signature : <u>JP</u>
Tumbler ID :	T-1	Supervisor By : <u>12</u>
TCLP Filter ID :	115525	

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

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

Extraction Conformance/Non-Conformance Comments:

TUMBLER T-1 checked,30 rpm. Matrix spike are added after filtration and before preservation. TUMBLER T-1checked ,30 rpm. Q1537-07 IS USED FOR MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
03/11/25 11:00	<u>JP</u> <u>1 TCLP Room</u>	<u>JP</u> <u>RJ/Ext</u>
	Preparation Group	Analysis Group <u>1024 DJG</u>

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
PB167049TB	LEB049	10	N/A	2000	N/A	N/A	N/A	4.94	1.0	T-1
Q1523-03	WC-A1-01-C	01	100.02	2000	N/A	N/A	N/A	11.5	1.0	T-1
Q1523-06	WC-A2-02-C	02	100.01	2000	N/A	N/A	N/A	11.5	1.5	T-1
Q1534-06	OR-363-COMP-16	03	100.03	2000	N/A	N/A	N/A	4.0	1.0	T-1
Q1534-12	OR-363-COMP-17	04	100.02	2000	N/A	N/A	N/A	4.5	1.5	T-1
Q1534-18	OR-363-COMP-18	05	100.03	2000	N/A	N/A	N/A	4.0	1.5	T-1
Q1534-24	OR-363OR-363-COMP-19-	06	100.02	2000	N/A	N/A	N/A	4.5	1.0	T-1
Q1537-05	COMP-1	07	100.03	2000	N/A	N/A	N/A	10.0	1.5	T-1
Q1537-06	COMP-2	08	100.02	2000	N/A	N/A	N/A	11.0	1.0	T-1
Q1537-07	COMP-3	09	100.04	2000	N/A	N/A	N/A	11.0	1.5	T-1

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB167049TB	LEB049	N/A	N/A	N/A	N/A	N/A	N/A
Q1523-03	WC-A1-01-C	N/A	N/A	N/A	N/A	100	N/A
Q1523-06	WC-A2-02-C	N/A	N/A	N/A	N/A	100	N/A
Q1534-06	OR-363-COMP-16	N/A	N/A	N/A	N/A	100	N/A
Q1534-12	OR-363-COMP-17	N/A	N/A	N/A	N/A	100	N/A
Q1534-18	OR-363-COMP-18	N/A	N/A	N/A	N/A	100	N/A
Q1534-24	OR-363OR-363-COMP-19-	N/A	N/A	N/A	N/A	100	N/A
Q1537-05	COMP-1	N/A	N/A	N/A	N/A	100	N/A
Q1537-06	COMP-2	N/A	N/A	N/A	N/A	100	N/A
Q1537-07	COMP-3	N/A	N/A	N/A	N/A	100	N/A

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

Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB167049TB	LEB049	N/A	N/A	N/A	N/A	#1	4.94
Q1523-03	WC-A1-01-C	5.02	96.5	12.5	4.5	#1	4.94
Q1523-06	WC-A2-02-C	5.01	96.5	12.5	4.5	#1	4.94
Q1534-06	OR-363-COMP-16	5.01	96.5	6.0	2.5	#1	4.94
Q1534-12	OR-363-COMP-17	5.02	96.5	6.2	2.5	#1	4.94
Q1534-18	OR-363-COMP-18	5.03	96.5	6.6	2.0	#1	4.94
Q1534-24	OR-363OR-363-COMP-19-	5.04	96.5	6.6	2.5	#1	4.94
Q1537-05	COMP-1	5.03	96.5	10.5	4.0	#1	4.94
Q1537-06	COMP-2	5.02	96.5	11.0	4.5	#1	4.94
Q1537-07	COMP-3	5.03	96.5	11.0	4.5	#1	4.94