

Hit Summary Sheet SW-846

SDG No.: Q1744 **Order ID:** Q1744
Client: Portal Partners Tri-Venture **Project ID:** Amtrak Sawtooth Bridges 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : B-158-SB01								
Q1744-01	B-158-SB01	SOIL	Aluminum	4480		2.64	5.47	mg/Kg
Q1744-01	B-158-SB01	SOIL	Arsenic	1.49		0.32	1.09	mg/Kg
Q1744-01	B-158-SB01	SOIL	Barium	31.4		0.70	5.47	mg/Kg
Q1744-01	B-158-SB01	SOIL	Beryllium	0.33		0.013	0.33	mg/Kg
Q1744-01	B-158-SB01	SOIL	Calcium	1020		3.07	109	mg/Kg
Q1744-01	B-158-SB01	SOIL	Chromium	8.24		0.059	0.55	mg/Kg
Q1744-01	B-158-SB01	SOIL	Cobalt	3.89		0.063	1.64	mg/Kg
Q1744-01	B-158-SB01	SOIL	Copper	12.3		0.52	1.09	mg/Kg
Q1744-01	B-158-SB01	SOIL	Iron	9420		2.94	5.47	mg/Kg
Q1744-01	B-158-SB01	SOIL	Lead	14.2		0.16	0.66	mg/Kg
Q1744-01	B-158-SB01	SOIL	Magnesium	1190		3.75	109	mg/Kg
Q1744-01	B-158-SB01	SOIL	Manganese	253		0.078	1.09	mg/Kg
Q1744-01	B-158-SB01	SOIL	Mercury	0.020		0.0080	0.014	mg/Kg
Q1744-01	B-158-SB01	SOIL	Nickel	7.46		0.099	2.19	mg/Kg
Q1744-01	B-158-SB01	SOIL	Potassium	458		31.4	109	mg/Kg
Q1744-01	B-158-SB01	SOIL	Silver	0.32	J	0.057	0.55	mg/Kg
Q1744-01	B-158-SB01	SOIL	Sodium	71.3	J	39.5	109	mg/Kg
Q1744-01	B-158-SB01	SOIL	Vanadium	11.4		0.30	2.19	mg/Kg
Q1744-01	B-158-SB01	SOIL	Zinc	19.4		0.12	2.19	mg/Kg
Client ID : B-158-SB02								
Q1744-03	B-158-SB02	SOIL	Aluminum	10900		4.10	8.50	mg/Kg
Q1744-03	B-158-SB02	SOIL	Arsenic	8.96		0.49	1.70	mg/Kg
Q1744-03	B-158-SB02	SOIL	Barium	29.6		1.09	8.50	mg/Kg
Q1744-03	B-158-SB02	SOIL	Beryllium	0.46	J	0.020	0.51	mg/Kg
Q1744-03	B-158-SB02	SOIL	Calcium	1440		4.76	170	mg/Kg
Q1744-03	B-158-SB02	SOIL	Chromium	25.6		0.092	0.85	mg/Kg
Q1744-03	B-158-SB02	SOIL	Cobalt	5.09		0.099	2.55	mg/Kg
Q1744-03	B-158-SB02	SOIL	Copper	16.8		0.80	1.70	mg/Kg
Q1744-03	B-158-SB02	SOIL	Iron	20800		4.57	8.50	mg/Kg
Q1744-03	B-158-SB02	SOIL	Lead	291		0.26	1.02	mg/Kg
Q1744-03	B-158-SB02	SOIL	Magnesium	2870		5.83	170	mg/Kg
Q1744-03	B-158-SB02	SOIL	Manganese	123		0.12	1.70	mg/Kg
Q1744-03	B-158-SB02	SOIL	Mercury	0.11		0.012	0.022	mg/Kg
Q1744-03	B-158-SB02	SOIL	Nickel	14.4		0.15	3.40	mg/Kg
Q1744-03	B-158-SB02	SOIL	Potassium	1600		48.8	170	mg/Kg
Q1744-03	B-158-SB02	SOIL	Silver	0.71	J	0.088	0.85	mg/Kg
Q1744-03	B-158-SB02	SOIL	Sodium	475		61.4	170	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: Q1744

Order ID: Q1744

Client: Portal Partners Tri-Venture

Project ID: Amtrak Sawtooth Bridges 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1744-03	B-158-SB02	SOIL	Vanadium	31.8		0.46	3.40	mg/Kg
Q1744-03	B-158-SB02	SOIL	Zinc	47.4		0.19	3.40	mg/Kg



SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/07/25
Client Sample ID:	B-158-SB01	SDG No.:	Q1744
Lab Sample ID:	Q1744-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	90

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4480		1	2.64	5.47	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7440-36-0	Antimony	0.16	U	1	0.16	2.74	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7440-38-2	Arsenic	1.49		1	0.32	1.09	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7440-39-3	Barium	31.4		1	0.70	5.47	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7440-41-7	Beryllium	0.33	N	1	0.013	0.33	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7440-43-9	Cadmium	0.018	U	1	0.018	0.33	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7440-70-2	Calcium	1020		1	3.07	109	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7440-47-3	Chromium	8.24		1	0.059	0.55	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7440-48-4	Cobalt	3.89		1	0.063	1.64	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7440-50-8	Copper	12.3		1	0.52	1.09	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7439-89-6	Iron	9420		1	2.94	5.47	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7439-92-1	Lead	14.2		1	0.16	0.66	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7439-95-4	Magnesium	1190		1	3.75	109	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7439-96-5	Manganese	253		1	0.078	1.09	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7439-97-6	Mercury	0.020	N*	1	0.0080	0.014	mg/Kg	04/08/25 16:50	04/09/25 12:08	SW7471B	
7440-02-0	Nickel	7.46		1	0.099	2.19	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7440-09-7	Potassium	458		1	31.4	109	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7782-49-2	Selenium	0.36	U	1	0.36	1.09	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7440-22-4	Silver	0.32	J	1	0.057	0.55	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7440-23-5	Sodium	71.3	J	1	39.5	109	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7440-28-0	Thallium	0.48	U	1	0.48	2.19	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7440-62-2	Vanadium	11.4		1	0.30	2.19	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7440-66-6	Zinc	19.4		1	0.12	2.19	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050

Color Before:	Colorless	Clarity Before:	Texture:	Fine
Color After:	Colorless	Clarity After:	Artifacts:	
Comments:	METALS-TAL			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/07/25
Client Sample ID:	B-158-SB02	SDG No.:	Q1744
Lab Sample ID:	Q1744-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	56

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	10900		1	4.10	8.50	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7440-36-0	Antimony	0.26	U	1	0.26	4.25	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7440-38-2	Arsenic	8.96		1	0.49	1.70	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7440-39-3	Barium	29.6		1	1.09	8.50	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7440-41-7	Beryllium	0.46	JN	1	0.020	0.51	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7440-43-9	Cadmium	0.027	U	1	0.027	0.51	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7440-70-2	Calcium	1440		1	4.76	170	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7440-47-3	Chromium	25.6		1	0.092	0.85	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7440-48-4	Cobalt	5.09		1	0.099	2.55	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7440-50-8	Copper	16.8		1	0.80	1.70	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7439-89-6	Iron	20800		1	4.57	8.50	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7439-92-1	Lead	291		1	0.26	1.02	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7439-95-4	Magnesium	2870		1	5.83	170	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7439-96-5	Manganese	123		1	0.12	1.70	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7439-97-6	Mercury	0.11	N*	1	0.012	0.022	mg/Kg	04/08/25 16:50	04/09/25 12:10	SW7471B	
7440-02-0	Nickel	14.4		1	0.15	3.40	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7440-09-7	Potassium	1600		1	48.8	170	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7782-49-2	Selenium	0.56	U	1	0.56	1.70	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7440-22-4	Silver	0.71	J	1	0.088	0.85	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7440-23-5	Sodium	475		1	61.4	170	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7440-28-0	Thallium	0.75	U	1	0.75	3.40	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7440-62-2	Vanadium	31.8		1	0.46	3.40	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7440-66-6	Zinc	47.4		1	0.19	3.40	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050

Color Before:	Colorless	Clarity Before:	Texture:	Fine
Color After:	Colorless	Clarity After:	Artifacts:	
Comments:	METALS-TAL			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits



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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	Portal Partners Tri-Venture				SDG No.:	Q1744			
Contract:	PORT06	Lab Code:	CHEM	Case No.:	Q1744	SAS No.:	Q1744		
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB82	Mercury	0.20	+/-0.20	U	0.20	CV	04/09/2025	11:36	LB135354

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1744
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1744 **SAS No.:** Q1744

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB49	Mercury	0.20	+/-0.20	U	0.20	CV	04/09/2025	11:45	LB135354
CCB50	Mercury	0.20	+/-0.20	U	0.20	CV	04/09/2025	12:20	LB135354
CCB51	Mercury	0.20	+/-0.20	U	0.20	CV	04/09/2025	12:48	LB135354
CCB52	Mercury	0.20	+/-0.20	U	0.20	CV	04/09/2025	14:04	LB135354
CCB53	Mercury	0.20	+/-0.20	U	0.20	CV	04/09/2025	14:21	LB135354

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1744
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1744 **SAS No.:** Q1744

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	100	+/-100	U	100	P	04/10/2025	10:29	LB135373
	Antimony	50.0	+/-50.0	U	50.0	P	04/10/2025	10:29	LB135373
	Arsenic	20.0	+/-20.0	U	20.0	P	04/10/2025	10:29	LB135373
	Barium	100	+/-100	U	100	P	04/10/2025	10:29	LB135373
	Beryllium	6.00	+/-6.00	U	6.00	P	04/10/2025	10:29	LB135373
	Cadmium	6.00	+/-6.00	U	6.00	P	04/10/2025	10:29	LB135373
	Calcium	2000	+/-2000	U	2000	P	04/10/2025	10:29	LB135373
	Chromium	10.0	+/-10.0	U	10.0	P	04/10/2025	10:29	LB135373
	Cobalt	30.0	+/-30.0	U	30.0	P	04/10/2025	10:29	LB135373
	Copper	20.0	+/-20.0	U	20.0	P	04/10/2025	10:29	LB135373
	Iron	100	+/-100	U	100	P	04/10/2025	10:29	LB135373
	Lead	12.0	+/-12.0	U	12.0	P	04/10/2025	10:29	LB135373
	Magnesium	2000	+/-2000	U	2000	P	04/10/2025	10:29	LB135373
	Manganese	20.0	+/-20.0	U	20.0	P	04/10/2025	10:29	LB135373
	Nickel	40.0	+/-40.0	U	40.0	P	04/10/2025	10:29	LB135373
	Potassium	2000	+/-2000	U	2000	P	04/10/2025	10:29	LB135373
	Selenium	20.0	+/-20.0	U	20.0	P	04/10/2025	10:29	LB135373
	Silver	10.0	+/-10.0	U	10.0	P	04/10/2025	10:29	LB135373
	Sodium	2000	+/-2000	U	2000	P	04/10/2025	10:29	LB135373
	Thallium	40.0	+/-40.0	U	40.0	P	04/10/2025	10:29	LB135373
	Vanadium	40.0	+/-40.0	U	40.0	P	04/10/2025	10:29	LB135373
	Zinc	40.0	+/-40.0	U	40.0	P	04/10/2025	10:29	LB135373

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture		SDG No.: Q1744							
Contract: PORT06	Lab Code: CHEM	Case No.: Q1744	SAS No.: Q1744						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	100	+/-100	U	100	P	04/10/2025	11:21	LB135373
	Antimony	50.0	+/-50.0	U	50.0	P	04/10/2025	11:21	LB135373
	Arsenic	20.0	+/-20.0	U	20.0	P	04/10/2025	11:21	LB135373
	Barium	100	+/-100	U	100	P	04/10/2025	11:21	LB135373
	Beryllium	6.00	+/-6.00	U	6.00	P	04/10/2025	11:21	LB135373
	Cadmium	6.00	+/-6.00	U	6.00	P	04/10/2025	11:21	LB135373
	Calcium	2000	+/-2000	U	2000	P	04/10/2025	11:21	LB135373
	Chromium	10.0	+/-10.0	U	10.0	P	04/10/2025	11:21	LB135373
	Cobalt	30.0	+/-30.0	U	30.0	P	04/10/2025	11:21	LB135373
	Copper	20.0	+/-20.0	U	20.0	P	04/10/2025	11:21	LB135373
	Iron	100	+/-100	U	100	P	04/10/2025	11:21	LB135373
	Lead	12.0	+/-12.0	U	12.0	P	04/10/2025	11:21	LB135373
	Magnesium	2000	+/-2000	U	2000	P	04/10/2025	11:21	LB135373
	Manganese	20.0	+/-20.0	U	20.0	P	04/10/2025	11:21	LB135373
	Nickel	40.0	+/-40.0	U	40.0	P	04/10/2025	11:21	LB135373
	Potassium	2000	+/-2000	U	2000	P	04/10/2025	11:21	LB135373
	Selenium	20.0	+/-20.0	U	20.0	P	04/10/2025	11:21	LB135373
	Silver	10.0	+/-10.0	U	10.0	P	04/10/2025	11:21	LB135373
	Sodium	2000	+/-2000	U	2000	P	04/10/2025	11:21	LB135373
	Thallium	40.0	+/-40.0	U	40.0	P	04/10/2025	11:21	LB135373
	Vanadium	40.0	+/-40.0	U	40.0	P	04/10/2025	11:21	LB135373
	Zinc	40.0	+/-40.0	U	40.0	P	04/10/2025	11:21	LB135373
CCB02	Aluminum	100	+/-100	U	100	P	04/10/2025	12:12	LB135373
	Antimony	50.0	+/-50.0	U	50.0	P	04/10/2025	12:12	LB135373
	Arsenic	20.0	+/-20.0	U	20.0	P	04/10/2025	12:12	LB135373
	Barium	100	+/-100	U	100	P	04/10/2025	12:12	LB135373
	Beryllium	6.00	+/-6.00	U	6.00	P	04/10/2025	12:12	LB135373
	Cadmium	6.00	+/-6.00	U	6.00	P	04/10/2025	12:12	LB135373
	Calcium	2000	+/-2000	U	2000	P	04/10/2025	12:12	LB135373
	Chromium	10.0	+/-10.0	U	10.0	P	04/10/2025	12:12	LB135373
	Cobalt	30.0	+/-30.0	U	30.0	P	04/10/2025	12:12	LB135373
	Copper	20.0	+/-20.0	U	20.0	P	04/10/2025	12:12	LB135373
	Iron	100	+/-100	U	100	P	04/10/2025	12:12	LB135373
	Lead	12.0	+/-12.0	U	12.0	P	04/10/2025	12:12	LB135373
	Magnesium	2000	+/-2000	U	2000	P	04/10/2025	12:12	LB135373
	Manganese	20.0	+/-20.0	U	20.0	P	04/10/2025	12:12	LB135373
	Nickel	40.0	+/-40.0	U	40.0	P	04/10/2025	12:12	LB135373
	Potassium	2000	+/-2000	U	2000	P	04/10/2025	12:12	LB135373
	Selenium	20.0	+/-20.0	U	20.0	P	04/10/2025	12:12	LB135373

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture		SDG No.: Q1744							
Contract: PORT06	Lab Code: CHEM	Case No.: Q1744	SAS No.: Q1744						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	10.0	+/-10.0	U	10.0	P	04/10/2025	12:12	LB135373
	Sodium	2000	+/-2000	U	2000	P	04/10/2025	12:12	LB135373
	Thallium	40.0	+/-40.0	U	40.0	P	04/10/2025	12:12	LB135373
	Vanadium	40.0	+/-40.0	U	40.0	P	04/10/2025	12:12	LB135373
	Zinc	40.0	+/-40.0	U	40.0	P	04/10/2025	12:12	LB135373
CCB03	Aluminum	100	+/-100	U	100	P	04/10/2025	13:04	LB135373
	Antimony	50.0	+/-50.0	U	50.0	P	04/10/2025	13:04	LB135373
	Arsenic	20.0	+/-20.0	U	20.0	P	04/10/2025	13:04	LB135373
	Barium	100	+/-100	U	100	P	04/10/2025	13:04	LB135373
	Beryllium	6.00	+/-6.00	U	6.00	P	04/10/2025	13:04	LB135373
	Cadmium	6.00	+/-6.00	U	6.00	P	04/10/2025	13:04	LB135373
	Calcium	2000	+/-2000	U	2000	P	04/10/2025	13:04	LB135373
	Chromium	10.0	+/-10.0	U	10.0	P	04/10/2025	13:04	LB135373
	Cobalt	30.0	+/-30.0	U	30.0	P	04/10/2025	13:04	LB135373
	Copper	20.0	+/-20.0	U	20.0	P	04/10/2025	13:04	LB135373
	Iron	100	+/-100	U	100	P	04/10/2025	13:04	LB135373
	Lead	12.0	+/-12.0	U	12.0	P	04/10/2025	13:04	LB135373
	Magnesium	2000	+/-2000	U	2000	P	04/10/2025	13:04	LB135373
	Manganese	20.0	+/-20.0	U	20.0	P	04/10/2025	13:04	LB135373
	Nickel	40.0	+/-40.0	U	40.0	P	04/10/2025	13:04	LB135373
	Potassium	2000	+/-2000	U	2000	P	04/10/2025	13:04	LB135373
	Selenium	20.0	+/-20.0	U	20.0	P	04/10/2025	13:04	LB135373
	Silver	10.0	+/-10.0	U	10.0	P	04/10/2025	13:04	LB135373
	Sodium	2000	+/-2000	U	2000	P	04/10/2025	13:04	LB135373
	Thallium	40.0	+/-40.0	U	40.0	P	04/10/2025	13:04	LB135373
	Vanadium	40.0	+/-40.0	U	40.0	P	04/10/2025	13:04	LB135373
	Zinc	40.0	+/-40.0	U	40.0	P	04/10/2025	13:04	LB135373
CCB04	Aluminum	100	+/-100	U	100	P	04/10/2025	13:55	LB135373
	Antimony	50.0	+/-50.0	U	50.0	P	04/10/2025	13:55	LB135373
	Arsenic	20.0	+/-20.0	U	20.0	P	04/10/2025	13:55	LB135373
	Barium	100	+/-100	U	100	P	04/10/2025	13:55	LB135373
	Beryllium	6.00	+/-6.00	U	6.00	P	04/10/2025	13:55	LB135373
	Cadmium	6.00	+/-6.00	U	6.00	P	04/10/2025	13:55	LB135373
	Calcium	2000	+/-2000	U	2000	P	04/10/2025	13:55	LB135373
	Chromium	10.0	+/-10.0	U	10.0	P	04/10/2025	13:55	LB135373
	Cobalt	30.0	+/-30.0	U	30.0	P	04/10/2025	13:55	LB135373
	Copper	20.0	+/-20.0	U	20.0	P	04/10/2025	13:55	LB135373
	Iron	100	+/-100	U	100	P	04/10/2025	13:55	LB135373
	Lead	12.0	+/-12.0	U	12.0	P	04/10/2025	13:55	LB135373

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture		SDG No.: Q1744							
Contract: PORT06	Lab Code: CHEM	Case No.: Q1744	SAS No.: Q1744						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	2000	+/-2000	U	2000	P	04/10/2025	13:55	LB135373
	Manganese	20.0	+/-20.0	U	20.0	P	04/10/2025	13:55	LB135373
	Nickel	40.0	+/-40.0	U	40.0	P	04/10/2025	13:55	LB135373
	Potassium	2000	+/-2000	U	2000	P	04/10/2025	13:55	LB135373
	Selenium	20.0	+/-20.0	U	20.0	P	04/10/2025	13:55	LB135373
	Silver	10.0	+/-10.0	U	10.0	P	04/10/2025	13:55	LB135373
	Sodium	2000	+/-2000	U	2000	P	04/10/2025	13:55	LB135373
	Thallium	40.0	+/-40.0	U	40.0	P	04/10/2025	13:55	LB135373
	Vanadium	40.0	+/-40.0	U	40.0	P	04/10/2025	13:55	LB135373
	Zinc	40.0	+/-40.0	U	40.0	P	04/10/2025	13:55	LB135373
CCB05	Aluminum	100	+/-100	U	100	P	04/10/2025	14:49	LB135373
	Antimony	50.0	+/-50.0	U	50.0	P	04/10/2025	14:49	LB135373
	Arsenic	20.0	+/-20.0	U	20.0	P	04/10/2025	14:49	LB135373
	Barium	100	+/-100	U	100	P	04/10/2025	14:49	LB135373
	Beryllium	6.00	+/-6.00	U	6.00	P	04/10/2025	14:49	LB135373
	Cadmium	6.00	+/-6.00	U	6.00	P	04/10/2025	14:49	LB135373
	Calcium	2000	+/-2000	U	2000	P	04/10/2025	14:49	LB135373
	Chromium	10.0	+/-10.0	U	10.0	P	04/10/2025	14:49	LB135373
	Cobalt	30.0	+/-30.0	U	30.0	P	04/10/2025	14:49	LB135373
	Copper	20.0	+/-20.0	U	20.0	P	04/10/2025	14:49	LB135373
	Iron	100	+/-100	U	100	P	04/10/2025	14:49	LB135373
	Lead	12.0	+/-12.0	U	12.0	P	04/10/2025	14:49	LB135373
	Magnesium	2000	+/-2000	U	2000	P	04/10/2025	14:49	LB135373
	Manganese	20.0	+/-20.0	U	20.0	P	04/10/2025	14:49	LB135373
	Nickel	40.0	+/-40.0	U	40.0	P	04/10/2025	14:49	LB135373
	Potassium	2000	+/-2000	U	2000	P	04/10/2025	14:49	LB135373
	Selenium	20.0	+/-20.0	U	20.0	P	04/10/2025	14:49	LB135373
	Silver	10.0	+/-10.0	U	10.0	P	04/10/2025	14:49	LB135373
	Sodium	2000	+/-2000	U	2000	P	04/10/2025	14:49	LB135373
	Thallium	40.0	+/-40.0	U	40.0	P	04/10/2025	14:49	LB135373
	Vanadium	40.0	+/-40.0	U	40.0	P	04/10/2025	14:49	LB135373
	Zinc	40.0	+/-40.0	U	40.0	P	04/10/2025	14:49	LB135373
CCB06	Aluminum	100	+/-100	U	100	P	04/10/2025	15:48	LB135373
	Antimony	50.0	+/-50.0	U	50.0	P	04/10/2025	15:48	LB135373
	Arsenic	20.0	+/-20.0	U	20.0	P	04/10/2025	15:48	LB135373
	Barium	100	+/-100	U	100	P	04/10/2025	15:48	LB135373
	Beryllium	6.00	+/-6.00	U	6.00	P	04/10/2025	15:48	LB135373
	Cadmium	6.00	+/-6.00	U	6.00	P	04/10/2025	15:48	LB135373
	Calcium	2000	+/-2000	U	2000	P	04/10/2025	15:48	LB135373

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture		SDG No.: Q1744							
Contract: PORT06	Lab Code: CHEM	Case No.: Q1744	SAS No.: Q1744						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	10.0	+/-10.0	U	10.0	P	04/10/2025	15:48	LB135373
	Cobalt	30.0	+/-30.0	U	30.0	P	04/10/2025	15:48	LB135373
	Copper	20.0	+/-20.0	U	20.0	P	04/10/2025	15:48	LB135373
	Iron	100	+/-100	U	100	P	04/10/2025	15:48	LB135373
	Lead	12.0	+/-12.0	U	12.0	P	04/10/2025	15:48	LB135373
	Magnesium	2000	+/-2000	U	2000	P	04/10/2025	15:48	LB135373
	Manganese	20.0	+/-20.0	U	20.0	P	04/10/2025	15:48	LB135373
	Nickel	40.0	+/-40.0	U	40.0	P	04/10/2025	15:48	LB135373
	Potassium	2000	+/-2000	U	2000	P	04/10/2025	15:48	LB135373
	Selenium	20.0	+/-20.0	U	20.0	P	04/10/2025	15:48	LB135373
	Silver	10.0	+/-10.0	U	10.0	P	04/10/2025	15:48	LB135373
	Sodium	2000	+/-2000	U	2000	P	04/10/2025	15:48	LB135373
	Thallium	40.0	+/-40.0	U	40.0	P	04/10/2025	15:48	LB135373
	Vanadium	40.0	+/-40.0	U	40.0	P	04/10/2025	15:48	LB135373
	Zinc	40.0	+/-40.0	U	40.0	P	04/10/2025	15:48	LB135373
CCB07	Aluminum	100	+/-100	U	100	P	04/10/2025	17:00	LB135373
	Antimony	50.0	+/-50.0	U	50.0	P	04/10/2025	17:00	LB135373
	Arsenic	20.0	+/-20.0	U	20.0	P	04/10/2025	17:00	LB135373
	Barium	100	+/-100	U	100	P	04/10/2025	17:00	LB135373
	Beryllium	6.00	+/-6.00	U	6.00	P	04/10/2025	17:00	LB135373
	Cadmium	6.00	+/-6.00	U	6.00	P	04/10/2025	17:00	LB135373
	Calcium	2000	+/-2000	U	2000	P	04/10/2025	17:00	LB135373
	Chromium	10.0	+/-10.0	U	10.0	P	04/10/2025	17:00	LB135373
	Cobalt	30.0	+/-30.0	U	30.0	P	04/10/2025	17:00	LB135373
	Copper	20.0	+/-20.0	U	20.0	P	04/10/2025	17:00	LB135373
	Iron	100	+/-100	U	100	P	04/10/2025	17:00	LB135373
	Lead	12.0	+/-12.0	U	12.0	P	04/10/2025	17:00	LB135373
	Magnesium	2000	+/-2000	U	2000	P	04/10/2025	17:00	LB135373
	Manganese	20.0	+/-20.0	U	20.0	P	04/10/2025	17:00	LB135373
	Nickel	40.0	+/-40.0	U	40.0	P	04/10/2025	17:00	LB135373
	Potassium	2000	+/-2000	U	2000	P	04/10/2025	17:00	LB135373
	Selenium	20.0	+/-20.0	U	20.0	P	04/10/2025	17:00	LB135373
	Silver	10.0	+/-10.0	U	10.0	P	04/10/2025	17:00	LB135373
	Sodium	2000	+/-2000	U	2000	P	04/10/2025	17:00	LB135373
	Thallium	40.0	+/-40.0	U	40.0	P	04/10/2025	17:00	LB135373
	Vanadium	40.0	+/-40.0	U	40.0	P	04/10/2025	17:00	LB135373
	Zinc	40.0	+/-40.0	U	40.0	P	04/10/2025	17:00	LB135373
CCB08	Aluminum	100	+/-100	U	100	P	04/10/2025	18:00	LB135373
	Antimony	50.0	+/-50.0	U	50.0	P	04/10/2025	18:00	LB135373

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture		SDG No.: Q1744							
Contract: PORT06	Lab Code: CHEM	Case No.: Q1744	SAS No.: Q1744						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	20.0	+/-20.0	U	20.0	P	04/10/2025	18:00	LB135373
	Barium	100	+/-100	U	100	P	04/10/2025	18:00	LB135373
	Beryllium	6.00	+/-6.00	U	6.00	P	04/10/2025	18:00	LB135373
	Cadmium	6.00	+/-6.00	U	6.00	P	04/10/2025	18:00	LB135373
	Calcium	2000	+/-2000	U	2000	P	04/10/2025	18:00	LB135373
	Chromium	10.0	+/-10.0	U	10.0	P	04/10/2025	18:00	LB135373
	Cobalt	30.0	+/-30.0	U	30.0	P	04/10/2025	18:00	LB135373
	Copper	20.0	+/-20.0	U	20.0	P	04/10/2025	18:00	LB135373
	Iron	100	+/-100	U	100	P	04/10/2025	18:00	LB135373
	Lead	12.0	+/-12.0	U	12.0	P	04/10/2025	18:00	LB135373
	Magnesium	2000	+/-2000	U	2000	P	04/10/2025	18:00	LB135373
	Manganese	20.0	+/-20.0	U	20.0	P	04/10/2025	18:00	LB135373
	Nickel	40.0	+/-40.0	U	40.0	P	04/10/2025	18:00	LB135373
	Potassium	2000	+/-2000	U	2000	P	04/10/2025	18:00	LB135373
	Selenium	20.0	+/-20.0	U	20.0	P	04/10/2025	18:00	LB135373
	Silver	10.0	+/-10.0	U	10.0	P	04/10/2025	18:00	LB135373
	Sodium	2000	+/-2000	U	2000	P	04/10/2025	18:00	LB135373
	Thallium	40.0	+/-40.0	U	40.0	P	04/10/2025	18:00	LB135373
	Vanadium	40.0	+/-40.0	U	40.0	P	04/10/2025	18:00	LB135373
	Zinc	40.0	+/-40.0	U	40.0	P	04/10/2025	18:00	LB135373
CCB09	Aluminum	100	+/-100	U	100	P	04/10/2025	18:23	LB135373
	Antimony	50.0	+/-50.0	U	50.0	P	04/10/2025	18:23	LB135373
	Arsenic	20.0	+/-20.0	U	20.0	P	04/10/2025	18:23	LB135373
	Barium	100	+/-100	U	100	P	04/10/2025	18:23	LB135373
	Beryllium	6.00	+/-6.00	U	6.00	P	04/10/2025	18:23	LB135373
	Cadmium	6.00	+/-6.00	U	6.00	P	04/10/2025	18:23	LB135373
	Calcium	2000	+/-2000	U	2000	P	04/10/2025	18:23	LB135373
	Chromium	10.0	+/-10.0	U	10.0	P	04/10/2025	18:23	LB135373
	Cobalt	30.0	+/-30.0	U	30.0	P	04/10/2025	18:23	LB135373
	Copper	20.0	+/-20.0	U	20.0	P	04/10/2025	18:23	LB135373
	Iron	100	+/-100	U	100	P	04/10/2025	18:23	LB135373
	Lead	12.0	+/-12.0	U	12.0	P	04/10/2025	18:23	LB135373
	Magnesium	2000	+/-2000	U	2000	P	04/10/2025	18:23	LB135373
	Manganese	20.0	+/-20.0	U	20.0	P	04/10/2025	18:23	LB135373
	Nickel	40.0	+/-40.0	U	40.0	P	04/10/2025	18:23	LB135373
	Potassium	2000	+/-2000	U	2000	P	04/10/2025	18:23	LB135373
	Selenium	20.0	+/-20.0	U	20.0	P	04/10/2025	18:23	LB135373
	Silver	10.0	+/-10.0	U	10.0	P	04/10/2025	18:23	LB135373
	Sodium	2000	+/-2000	U	2000	P	04/10/2025	18:23	LB135373

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture		SDG No.: Q1744							
Contract:	PORT06	Lab Code:	CHEM	Case No.:	Q1744	SAS No.:	Q1744		
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB09	Thallium	40.0	+/-40.0	U	40.0	P	04/10/2025	18:23	LB135373
	Vanadium	40.0	+/-40.0	U	40.0	P	04/10/2025	18:23	LB135373
	Zinc	40.0	+/-40.0	U	40.0	P	04/10/2025	18:23	LB135373

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Portal Partners Tri-Venture

SDG No.: Q1744

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB167532BL		SOLID		Batch Number:	PB167532		Prep Date:	04/08/2025	
	Mercury	0.012	<0.012	U	0.012	CV	04/09/2025	11:58	LB135354

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Portal Partners Tri-Venture

SDG No.: Q1744

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB167490BL	SOLID			Batch Number:	PB167490		Prep Date:	04/07/2025	
	Aluminum	4.12	<4.12	U	4.12	P	04/10/2025	16:26	LB135373
	Antimony	2.06	<2.06	U	2.06	P	04/10/2025	16:26	LB135373
	Arsenic	0.82	<0.82	U	0.82	P	04/10/2025	16:26	LB135373
	Barium	4.12	<4.12	U	4.12	P	04/10/2025	16:26	LB135373
	Beryllium	0.25	<0.25	U	0.25	P	04/10/2025	16:26	LB135373
	Cadmium	0.25	<0.25	U	0.25	P	04/10/2025	16:26	LB135373
	Calcium	82.3	<82.3	U	82.3	P	04/10/2025	16:26	LB135373
	Chromium	0.41	<0.41	U	0.41	P	04/10/2025	16:26	LB135373
	Cobalt	1.23	<1.23	U	1.23	P	04/10/2025	16:26	LB135373
	Copper	0.82	<0.82	U	0.82	P	04/10/2025	16:26	LB135373
	Iron	4.12	<4.12	U	4.12	P	04/10/2025	16:26	LB135373
	Lead	0.49	<0.49	U	0.49	P	04/10/2025	16:26	LB135373
	Magnesium	82.3	<82.3	U	82.3	P	04/10/2025	16:26	LB135373
	Manganese	0.82	<0.82	U	0.82	P	04/10/2025	16:26	LB135373
	Nickel	1.65	<1.65	U	1.65	P	04/10/2025	16:26	LB135373
	Potassium	82.3	<82.3	U	82.3	P	04/10/2025	16:26	LB135373
	Selenium	0.82	<0.82	U	0.82	P	04/10/2025	16:26	LB135373
	Silver	0.41	<0.41	U	0.41	P	04/10/2025	16:26	LB135373
	Sodium	82.3	<82.3	U	82.3	P	04/10/2025	16:26	LB135373
	Thallium	1.65	<1.65	U	1.65	P	04/10/2025	16:26	LB135373
	Vanadium	1.65	<1.65	U	1.65	P	04/10/2025	16:26	LB135373
	Zinc	1.65	<1.65	U	1.65	P	04/10/2025	16:26	LB135373



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q1744
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1744 **SAS No.:** Q1744
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
ICV82	Mercury	3.62	4.0	90	90 - 110	CV	04/09/2025	11:34	LB135354

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q1744
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1744 **SAS No.:** Q1744
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
CCV49	Mercury	5.13	5.0	103	90 - 110	CV	04/09/2025	11:43	LB135354
CCV50	Mercury	4.80	5.0	96	90 - 110	CV	04/09/2025	12:17	LB135354
CCV51	Mercury	5.07	5.0	101	90 - 110	CV	04/09/2025	12:46	LB135354
CCV52	Mercury	4.60	5.0	92	90 - 110	CV	04/09/2025	13:58	LB135354
CCV53	Mercury	4.96	5.0	99	90 - 110	CV	04/09/2025	14:18	LB135354

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q1744
 Contract: PORT06 Lab Code: CHEM Case No.: Q1744 SAS No.: Q1744
 Initial Calibration Source: EPA
 Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	2380	2500	95	90 - 110	P	04/10/2025	10:09	LB135373
	Antimony	1000	1000	100	90 - 110	P	04/10/2025	10:09	LB135373
	Arsenic	985	1000	98	90 - 110	P	04/10/2025	10:09	LB135373
	Barium	534	520	103	90 - 110	P	04/10/2025	10:09	LB135373
	Beryllium	469	510	92	90 - 110	P	04/10/2025	10:09	LB135373
	Cadmium	483	510	95	90 - 110	P	04/10/2025	10:09	LB135373
	Calcium	9300	10000	93	90 - 110	P	04/10/2025	10:09	LB135373
	Chromium	505	520	97	90 - 110	P	04/10/2025	10:09	LB135373
	Cobalt	488	520	94	90 - 110	P	04/10/2025	10:09	LB135373
	Copper	517	510	102	90 - 110	P	04/10/2025	10:09	LB135373
	Iron	10300	10000	103	90 - 110	P	04/10/2025	10:09	LB135373
	Lead	951	1000	95	90 - 110	P	04/10/2025	10:09	LB135373
	Magnesium	5420	6000	90	90 - 110	P	04/10/2025	10:09	LB135373
	Manganese	468	520	90	90 - 110	P	04/10/2025	10:09	LB135373
	Nickel	497	530	94	90 - 110	P	04/10/2025	10:09	LB135373
	Potassium	10200	9900	103	90 - 110	P	04/10/2025	10:09	LB135373
	Selenium	1030	1000	103	90 - 110	P	04/10/2025	10:09	LB135373
	Silver	245	250	98	90 - 110	P	04/10/2025	10:09	LB135373
	Sodium	10300	10000	103	90 - 110	P	04/10/2025	10:09	LB135373
	Thallium	1020	1000	102	90 - 110	P	04/10/2025	10:09	LB135373
	Vanadium	460	500	92	90 - 110	P	04/10/2025	10:09	LB135373
	Zinc	996	1000	100	90 - 110	P	04/10/2025	10:09	LB135373

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q1744

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1744 **SAS No.:** Q1744

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	93.1	100	93	80 - 120	P	04/10/2025	10:25	LB135373
	Antimony	51.6	50.0	103	80 - 120	P	04/10/2025	10:25	LB135373
	Arsenic	18.5	20.0	92	80 - 120	P	04/10/2025	10:25	LB135373
	Barium	85.5	100	86	80 - 120	P	04/10/2025	10:25	LB135373
	Beryllium	5.39	6.0	90	80 - 120	P	04/10/2025	10:25	LB135373
	Cadmium	5.62	6.0	94	80 - 120	P	04/10/2025	10:25	LB135373
	Calcium	1880	2000	94	80 - 120	P	04/10/2025	10:25	LB135373
	Chromium	9.56	10.0	96	80 - 120	P	04/10/2025	10:25	LB135373
	Cobalt	28.1	30.0	94	80 - 120	P	04/10/2025	10:25	LB135373
	Copper	21.9	20.0	110	80 - 120	P	04/10/2025	10:25	LB135373
	Iron	89.9	100	90	80 - 120	P	04/10/2025	10:25	LB135373
	Lead	9.94	12.0	83	80 - 120	P	04/10/2025	10:25	LB135373
	Magnesium	1990	2000	99	80 - 120	P	04/10/2025	10:25	LB135373
	Manganese	20.8	20.0	104	80 - 120	P	04/10/2025	10:25	LB135373
	Nickel	37.7	40.0	94	80 - 120	P	04/10/2025	10:25	LB135373
	Potassium	1810	2000	91	80 - 120	P	04/10/2025	10:25	LB135373
	Selenium	18.9	20.0	94	80 - 120	P	04/10/2025	10:25	LB135373
	Silver	10.5	10.0	104	80 - 120	P	04/10/2025	10:25	LB135373
	Sodium	1770	2000	88	80 - 120	P	04/10/2025	10:25	LB135373
	Thallium	38.9	40.0	97	80 - 120	P	04/10/2025	10:25	LB135373
	Vanadium	37.1	40.0	93	80 - 120	P	04/10/2025	10:25	LB135373
	Zinc	39.6	40.0	99	80 - 120	P	04/10/2025	10:25	LB135373

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q1744
Contract: PORT06 Lab Code: CHEM Case No.: Q1744 SAS No.: Q1744
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9820	10000	98	90 - 110	P	04/10/2025	11:00	LB135373
	Antimony	4910	5000	98	90 - 110	P	04/10/2025	11:00	LB135373
	Arsenic	4750	5000	95	90 - 110	P	04/10/2025	11:00	LB135373
	Barium	9770	10000	98	90 - 110	P	04/10/2025	11:00	LB135373
	Beryllium	246	250	98	90 - 110	P	04/10/2025	11:00	LB135373
	Cadmium	2340	2500	94	90 - 110	P	04/10/2025	11:00	LB135373
	Calcium	24000	25000	96	90 - 110	P	04/10/2025	11:00	LB135373
	Chromium	1010	1000	101	90 - 110	P	04/10/2025	11:00	LB135373
	Cobalt	2450	2500	98	90 - 110	P	04/10/2025	11:00	LB135373
	Copper	1260	1250	101	90 - 110	P	04/10/2025	11:00	LB135373
	Iron	5250	5000	105	90 - 110	P	04/10/2025	11:00	LB135373
	Lead	5240	5000	105	90 - 110	P	04/10/2025	11:00	LB135373
	Magnesium	24000	25000	96	90 - 110	P	04/10/2025	11:00	LB135373
	Manganese	2350	2500	94	90 - 110	P	04/10/2025	11:00	LB135373
	Nickel	2460	2500	98	90 - 110	P	04/10/2025	11:00	LB135373
	Potassium	26900	25000	108	90 - 110	P	04/10/2025	11:00	LB135373
	Selenium	4820	5000	96	90 - 110	P	04/10/2025	11:00	LB135373
	Silver	1250	1250	100	90 - 110	P	04/10/2025	11:00	LB135373
	Sodium	22500	25000	90	90 - 110	P	04/10/2025	11:00	LB135373
	Thallium	4770	5000	95	90 - 110	P	04/10/2025	11:00	LB135373
	Vanadium	2420	2500	97	90 - 110	P	04/10/2025	11:00	LB135373
	Zinc	2540	2500	102	90 - 110	P	04/10/2025	11:00	LB135373
CCV02	Aluminum	9830	10000	98	90 - 110	P	04/10/2025	12:08	LB135373
	Antimony	4970	5000	99	90 - 110	P	04/10/2025	12:08	LB135373
	Arsenic	4800	5000	96	90 - 110	P	04/10/2025	12:08	LB135373
	Barium	9680	10000	97	90 - 110	P	04/10/2025	12:08	LB135373
	Beryllium	249	250	100	90 - 110	P	04/10/2025	12:08	LB135373
	Cadmium	2350	2500	94	90 - 110	P	04/10/2025	12:08	LB135373
	Calcium	24000	25000	96	90 - 110	P	04/10/2025	12:08	LB135373
	Chromium	1020	1000	102	90 - 110	P	04/10/2025	12:08	LB135373
	Cobalt	2470	2500	99	90 - 110	P	04/10/2025	12:08	LB135373
	Copper	1270	1250	102	90 - 110	P	04/10/2025	12:08	LB135373
	Iron	5230	5000	104	90 - 110	P	04/10/2025	12:08	LB135373
	Lead	4720	5000	94	90 - 110	P	04/10/2025	12:08	LB135373

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q1744
Contract: PORT06 Lab Code: CHEM Case No.: Q1744 SAS No.: Q1744
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24100	25000	96	90 - 110	P	04/10/2025	12:08	LB135373
	Manganese	2340	2500	94	90 - 110	P	04/10/2025	12:08	LB135373
	Nickel	2480	2500	99	90 - 110	P	04/10/2025	12:08	LB135373
	Potassium	26800	25000	107	90 - 110	P	04/10/2025	12:08	LB135373
	Selenium	4860	5000	97	90 - 110	P	04/10/2025	12:08	LB135373
	Silver	1260	1250	101	90 - 110	P	04/10/2025	12:08	LB135373
	Sodium	27100	25000	108	90 - 110	P	04/10/2025	12:08	LB135373
	Thallium	4860	5000	97	90 - 110	P	04/10/2025	12:08	LB135373
	Vanadium	2430	2500	97	90 - 110	P	04/10/2025	12:08	LB135373
	Zinc	2530	2500	101	90 - 110	P	04/10/2025	12:08	LB135373
CCV03	Aluminum	9940	10000	99	90 - 110	P	04/10/2025	12:59	LB135373
	Antimony	5070	5000	101	90 - 110	P	04/10/2025	12:59	LB135373
	Arsenic	4890	5000	98	90 - 110	P	04/10/2025	12:59	LB135373
	Barium	10100	10000	101	90 - 110	P	04/10/2025	12:59	LB135373
	Beryllium	235	250	94	90 - 110	P	04/10/2025	12:59	LB135373
	Cadmium	2360	2500	94	90 - 110	P	04/10/2025	12:59	LB135373
	Calcium	24200	25000	97	90 - 110	P	04/10/2025	12:59	LB135373
	Chromium	1020	1000	102	90 - 110	P	04/10/2025	12:59	LB135373
	Cobalt	2480	2500	99	90 - 110	P	04/10/2025	12:59	LB135373
	Copper	1290	1250	103	90 - 110	P	04/10/2025	12:59	LB135373
	Iron	5230	5000	105	90 - 110	P	04/10/2025	12:59	LB135373
	Lead	4740	5000	95	90 - 110	P	04/10/2025	12:59	LB135373
	Magnesium	23900	25000	96	90 - 110	P	04/10/2025	12:59	LB135373
	Manganese	2370	2500	95	90 - 110	P	04/10/2025	12:59	LB135373
	Nickel	2490	2500	100	90 - 110	P	04/10/2025	12:59	LB135373
	Potassium	23300	25000	93	90 - 110	P	04/10/2025	12:59	LB135373
	Selenium	4990	5000	100	90 - 110	P	04/10/2025	12:59	LB135373
	Silver	1270	1250	101	90 - 110	P	04/10/2025	12:59	LB135373
	Sodium	24300	25000	97	90 - 110	P	04/10/2025	12:59	LB135373
	Thallium	4840	5000	97	90 - 110	P	04/10/2025	12:59	LB135373
	Vanadium	2470	2500	99	90 - 110	P	04/10/2025	12:59	LB135373
	Zinc	2560	2500	102	90 - 110	P	04/10/2025	12:59	LB135373
CCV04	Aluminum	9990	10000	100	90 - 110	P	04/10/2025	13:51	LB135373
	Antimony	5040	5000	101	90 - 110	P	04/10/2025	13:51	LB135373

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q1744
 Contract: PORT06 Lab Code: CHEM Case No.: Q1744 SAS No.: Q1744
 Initial Calibration Source: EPA
 Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4880	5000	98	90 - 110	P	04/10/2025	13:51	LB135373
	Barium	9600	10000	96	90 - 110	P	04/10/2025	13:51	LB135373
	Beryllium	239	250	96	90 - 110	P	04/10/2025	13:51	LB135373
	Cadmium	2380	2500	95	90 - 110	P	04/10/2025	13:51	LB135373
	Calcium	24200	25000	97	90 - 110	P	04/10/2025	13:51	LB135373
	Chromium	1020	1000	102	90 - 110	P	04/10/2025	13:51	LB135373
	Cobalt	2490	2500	100	90 - 110	P	04/10/2025	13:51	LB135373
	Copper	1290	1250	103	90 - 110	P	04/10/2025	13:51	LB135373
	Iron	4980	5000	100	90 - 110	P	04/10/2025	13:51	LB135373
	Lead	4760	5000	95	90 - 110	P	04/10/2025	13:51	LB135373
	Magnesium	24400	25000	98	90 - 110	P	04/10/2025	13:51	LB135373
	Manganese	2380	2500	95	90 - 110	P	04/10/2025	13:51	LB135373
	Nickel	2500	2500	100	90 - 110	P	04/10/2025	13:51	LB135373
	Potassium	25400	25000	101	90 - 110	P	04/10/2025	13:51	LB135373
	Selenium	4960	5000	99	90 - 110	P	04/10/2025	13:51	LB135373
	Silver	1270	1250	102	90 - 110	P	04/10/2025	13:51	LB135373
	Sodium	26400	25000	106	90 - 110	P	04/10/2025	13:51	LB135373
	Thallium	4980	5000	100	90 - 110	P	04/10/2025	13:51	LB135373
	Vanadium	2450	2500	98	90 - 110	P	04/10/2025	13:51	LB135373
	Zinc	2570	2500	103	90 - 110	P	04/10/2025	13:51	LB135373
CCV05	Aluminum	9910	10000	99	90 - 110	P	04/10/2025	14:44	LB135373
	Antimony	5000	5000	100	90 - 110	P	04/10/2025	14:44	LB135373
	Arsenic	4820	5000	96	90 - 110	P	04/10/2025	14:44	LB135373
	Barium	9730	10000	97	90 - 110	P	04/10/2025	14:44	LB135373
	Beryllium	230	250	92	90 - 110	P	04/10/2025	14:44	LB135373
	Cadmium	2350	2500	94	90 - 110	P	04/10/2025	14:44	LB135373
	Calcium	24000	25000	96	90 - 110	P	04/10/2025	14:44	LB135373
	Chromium	1020	1000	102	90 - 110	P	04/10/2025	14:44	LB135373
	Cobalt	2470	2500	99	90 - 110	P	04/10/2025	14:44	LB135373
	Copper	1280	1250	103	90 - 110	P	04/10/2025	14:44	LB135373
	Iron	5160	5000	103	90 - 110	P	04/10/2025	14:44	LB135373
	Lead	4720	5000	94	90 - 110	P	04/10/2025	14:44	LB135373
	Magnesium	24100	25000	96	90 - 110	P	04/10/2025	14:44	LB135373
	Manganese	2360	2500	94	90 - 110	P	04/10/2025	14:44	LB135373

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q1744
 Contract: PORT06 Lab Code: CHEM Case No.: Q1744 SAS No.: Q1744
 Initial Calibration Source: EPA
 Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2480	2500	99	90 - 110	P	04/10/2025	14:44	LB135373
	Potassium	26100	25000	105	90 - 110	P	04/10/2025	14:44	LB135373
	Selenium	4910	5000	98	90 - 110	P	04/10/2025	14:44	LB135373
	Silver	1270	1250	101	90 - 110	P	04/10/2025	14:44	LB135373
	Sodium	26900	25000	108	90 - 110	P	04/10/2025	14:44	LB135373
	Thallium	4830	5000	96	90 - 110	P	04/10/2025	14:44	LB135373
	Vanadium	2440	2500	98	90 - 110	P	04/10/2025	14:44	LB135373
	Zinc	2550	2500	102	90 - 110	P	04/10/2025	14:44	LB135373
CCV06	Aluminum	9970	10000	100	90 - 110	P	04/10/2025	15:44	LB135373
	Antimony	4960	5000	99	90 - 110	P	04/10/2025	15:44	LB135373
	Arsenic	4780	5000	96	90 - 110	P	04/10/2025	15:44	LB135373
	Barium	9640	10000	96	90 - 110	P	04/10/2025	15:44	LB135373
	Beryllium	228	250	91	90 - 110	P	04/10/2025	15:44	LB135373
	Cadmium	2340	2500	93	90 - 110	P	04/10/2025	15:44	LB135373
	Calcium	24100	25000	96	90 - 110	P	04/10/2025	15:44	LB135373
	Chromium	1010	1000	101	90 - 110	P	04/10/2025	15:44	LB135373
	Cobalt	2450	2500	98	90 - 110	P	04/10/2025	15:44	LB135373
	Copper	1270	1250	102	90 - 110	P	04/10/2025	15:44	LB135373
	Iron	5060	5000	101	90 - 110	P	04/10/2025	15:44	LB135373
	Lead	4690	5000	94	90 - 110	P	04/10/2025	15:44	LB135373
	Magnesium	24200	25000	97	90 - 110	P	04/10/2025	15:44	LB135373
	Manganese	2380	2500	95	90 - 110	P	04/10/2025	15:44	LB135373
	Nickel	2470	2500	99	90 - 110	P	04/10/2025	15:44	LB135373
	Potassium	25700	25000	103	90 - 110	P	04/10/2025	15:44	LB135373
	Selenium	4850	5000	97	90 - 110	P	04/10/2025	15:44	LB135373
	Silver	1260	1250	100	90 - 110	P	04/10/2025	15:44	LB135373
	Sodium	26500	25000	106	90 - 110	P	04/10/2025	15:44	LB135373
	Thallium	4770	5000	95	90 - 110	P	04/10/2025	15:44	LB135373
	Vanadium	2450	2500	98	90 - 110	P	04/10/2025	15:44	LB135373
	Zinc	2520	2500	101	90 - 110	P	04/10/2025	15:44	LB135373
CCV07	Aluminum	10100	10000	101	90 - 110	P	04/10/2025	16:56	LB135373
	Antimony	5100	5000	102	90 - 110	P	04/10/2025	16:56	LB135373
	Arsenic	4920	5000	98	90 - 110	P	04/10/2025	16:56	LB135373
	Barium	9570	10000	96	90 - 110	P	04/10/2025	16:56	LB135373

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q1744
Contract: PORT06 Lab Code: CHEM Case No.: Q1744 SAS No.: Q1744
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	241	250	96	90 - 110	P	04/10/2025	16:56	LB135373
	Cadmium	2350	2500	94	90 - 110	P	04/10/2025	16:56	LB135373
	Calcium	24200	25000	97	90 - 110	P	04/10/2025	16:56	LB135373
	Chromium	1020	1000	102	90 - 110	P	04/10/2025	16:56	LB135373
	Cobalt	2460	2500	98	90 - 110	P	04/10/2025	16:56	LB135373
	Copper	1290	1250	103	90 - 110	P	04/10/2025	16:56	LB135373
	Iron	4820	5000	96	90 - 110	P	04/10/2025	16:56	LB135373
	Lead	4740	5000	95	90 - 110	P	04/10/2025	16:56	LB135373
	Magnesium	24500	25000	98	90 - 110	P	04/10/2025	16:56	LB135373
	Manganese	2380	2500	95	90 - 110	P	04/10/2025	16:56	LB135373
	Nickel	2500	2500	100	90 - 110	P	04/10/2025	16:56	LB135373
	Potassium	24200	25000	97	90 - 110	P	04/10/2025	16:56	LB135373
	Selenium	5020	5000	100	90 - 110	P	04/10/2025	16:56	LB135373
	Silver	1260	1250	101	90 - 110	P	04/10/2025	16:56	LB135373
	Sodium	25500	25000	102	90 - 110	P	04/10/2025	16:56	LB135373
	Thallium	4910	5000	98	90 - 110	P	04/10/2025	16:56	LB135373
	Vanadium	2450	2500	98	90 - 110	P	04/10/2025	16:56	LB135373
	Zinc	2560	2500	102	90 - 110	P	04/10/2025	16:56	LB135373
CCV08	Aluminum	10100	10000	101	90 - 110	P	04/10/2025	17:56	LB135373
	Antimony	5060	5000	101	90 - 110	P	04/10/2025	17:56	LB135373
	Arsenic	4890	5000	98	90 - 110	P	04/10/2025	17:56	LB135373
	Barium	9470	10000	95	90 - 110	P	04/10/2025	17:56	LB135373
	Beryllium	233	250	93	90 - 110	P	04/10/2025	17:56	LB135373
	Cadmium	2360	2500	94	90 - 110	P	04/10/2025	17:56	LB135373
	Calcium	23900	25000	96	90 - 110	P	04/10/2025	17:56	LB135373
	Chromium	1030	1000	103	90 - 110	P	04/10/2025	17:56	LB135373
	Cobalt	2460	2500	99	90 - 110	P	04/10/2025	17:56	LB135373
	Copper	1280	1250	103	90 - 110	P	04/10/2025	17:56	LB135373
	Iron	5030	5000	100	90 - 110	P	04/10/2025	17:56	LB135373
	Lead	4740	5000	95	90 - 110	P	04/10/2025	17:56	LB135373
	Magnesium	24300	25000	97	90 - 110	P	04/10/2025	17:56	LB135373
	Manganese	2330	2500	93	90 - 110	P	04/10/2025	17:56	LB135373
	Nickel	2500	2500	100	90 - 110	P	04/10/2025	17:56	LB135373
	Potassium	25100	25000	100	90 - 110	P	04/10/2025	17:56	LB135373

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q1744

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1744 **SAS No.:** Q1744

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV08	Selenium	4980	5000	100	90 - 110	P	04/10/2025	17:56	LB135373
	Silver	1260	1250	101	90 - 110	P	04/10/2025	17:56	LB135373
	Sodium	26300	25000	105	90 - 110	P	04/10/2025	17:56	LB135373
	Thallium	4870	5000	97	90 - 110	P	04/10/2025	17:56	LB135373
	Vanadium	2410	2500	97	90 - 110	P	04/10/2025	17:56	LB135373
	Zinc	2550	2500	102	90 - 110	P	04/10/2025	17:56	LB135373
CCV09	Aluminum	9970	10000	100	90 - 110	P	04/10/2025	18:19	LB135373
	Antimony	5050	5000	101	90 - 110	P	04/10/2025	18:19	LB135373
	Arsenic	4850	5000	97	90 - 110	P	04/10/2025	18:19	LB135373
	Barium	9730	10000	97	90 - 110	P	04/10/2025	18:19	LB135373
	Beryllium	247	250	99	90 - 110	P	04/10/2025	18:19	LB135373
	Cadmium	2350	2500	94	90 - 110	P	04/10/2025	18:19	LB135373
	Calcium	23900	25000	95	90 - 110	P	04/10/2025	18:19	LB135373
	Chromium	1000	1000	100	90 - 110	P	04/10/2025	18:19	LB135373
	Cobalt	2460	2500	99	90 - 110	P	04/10/2025	18:19	LB135373
	Copper	1290	1250	103	90 - 110	P	04/10/2025	18:19	LB135373
	Iron	5130	5000	103	90 - 110	P	04/10/2025	18:19	LB135373
	Lead	4720	5000	94	90 - 110	P	04/10/2025	18:19	LB135373
	Magnesium	23900	25000	96	90 - 110	P	04/10/2025	18:19	LB135373
	Manganese	2350	2500	94	90 - 110	P	04/10/2025	18:19	LB135373
	Nickel	2480	2500	99	90 - 110	P	04/10/2025	18:19	LB135373
	Potassium	26400	25000	105	90 - 110	P	04/10/2025	18:19	LB135373
	Selenium	4930	5000	99	90 - 110	P	04/10/2025	18:19	LB135373
	Silver	1240	1250	99	90 - 110	P	04/10/2025	18:19	LB135373
	Sodium	27400	25000	110	90 - 110	P	04/10/2025	18:19	LB135373
	Thallium	4700	5000	94	90 - 110	P	04/10/2025	18:19	LB135373
	Vanadium	2450	2500	98	90 - 110	P	04/10/2025	18:19	LB135373
	Zinc	2500	2500	100	90 - 110	P	04/10/2025	18:19	LB135373

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Portal Partners Tri-Venture **SDG No.:** Q1744
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1744 **SAS No.:** Q1744
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	0.17	0.2	86	40 - 160	CV	04/09/2025	11:47	LB135354
CRI01	Aluminum	98.0	100	98	40 - 160	P	04/10/2025	10:33	LB135373
	Antimony	51.0	50.0	102	40 - 160	P	04/10/2025	10:33	LB135373
	Arsenic	18.9	20.0	95	40 - 160	P	04/10/2025	10:33	LB135373
	Barium	85.4	100	85	40 - 160	P	04/10/2025	10:33	LB135373
	Beryllium	5.48	6.0	91	40 - 160	P	04/10/2025	10:33	LB135373
	Cadmium	5.51	6.0	92	40 - 160	P	04/10/2025	10:33	LB135373
	Calcium	1880	2000	94	40 - 160	P	04/10/2025	10:33	LB135373
	Chromium	9.42	10.0	94	40 - 160	P	04/10/2025	10:33	LB135373
	Cobalt	28.2	30.0	94	40 - 160	P	04/10/2025	10:33	LB135373
	Copper	21.9	20.0	109	40 - 160	P	04/10/2025	10:33	LB135373
	Iron	102	100	102	40 - 160	P	04/10/2025	10:33	LB135373
	Lead	11.6	12.0	97	40 - 160	P	04/10/2025	10:33	LB135373
	Magnesium	1980	2000	99	40 - 160	P	04/10/2025	10:33	LB135373
	Manganese	15.0	20.0	75	40 - 160	P	04/10/2025	10:33	LB135373
	Nickel	38.0	40.0	95	40 - 160	P	04/10/2025	10:33	LB135373
	Potassium	1960	2000	98	40 - 160	P	04/10/2025	10:33	LB135373
	Selenium	18.1	20.0	91	40 - 160	P	04/10/2025	10:33	LB135373
	Silver	10.4	10.0	104	40 - 160	P	04/10/2025	10:33	LB135373
	Sodium	1480	2000	74	40 - 160	P	04/10/2025	10:33	LB135373
	Thallium	38.3	40.0	96	40 - 160	P	04/10/2025	10:33	LB135373
	Vanadium	36.3	40.0	91	40 - 160	P	04/10/2025	10:33	LB135373
	Zinc	39.6	40.0	99	40 - 160	P	04/10/2025	10:33	LB135373

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Portal Partners Tri-Venture **SDG No.:** Q1744
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1744 **SAS No.:** Q1744
ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	243000	255000	95	216000	294000	04/10/2025	10:37	LB135373
	Antimony	-1.86			-50	50	04/10/2025	10:37	LB135373
	Arsenic	5.16			-20	20	04/10/2025	10:37	LB135373
	Barium	-3.92	6.0	65	-94	106	04/10/2025	10:37	LB135373
	Beryllium	1.14			-6	6	04/10/2025	10:37	LB135373
	Cadmium	-3.53	1.0	353	-5	7	04/10/2025	10:37	LB135373
	Calcium	227000	245000	93	208000	282000	04/10/2025	10:37	LB135373
	Chromium	55.8	52.0	107	42	62	04/10/2025	10:37	LB135373
	Cobalt	1.58			-30	30	04/10/2025	10:37	LB135373
	Copper	-4.96	2.0	248	-18	22	04/10/2025	10:37	LB135373
	Iron	107000	101000	106	85600	116500	04/10/2025	10:37	LB135373
	Lead	7.32			-12	12	04/10/2025	10:37	LB135373
	Magnesium	243000	255000	95	216000	294000	04/10/2025	10:37	LB135373
	Manganese	0.78	7.0	11	-13	27	04/10/2025	10:37	LB135373
	Nickel	2.46	2.0	123	-38	42	04/10/2025	10:37	LB135373
	Potassium	-132			0	0	04/10/2025	10:37	LB135373
	Selenium	-8.19			-20	20	04/10/2025	10:37	LB135373
	Silver	3.75			-10	10	04/10/2025	10:37	LB135373
	Sodium	-202			0	0	04/10/2025	10:37	LB135373
	Thallium	9.79			-40	40	04/10/2025	10:37	LB135373
	Vanadium	2.28			-40	40	04/10/2025	10:37	LB135373
	Zinc	2.74			-40	40	04/10/2025	10:37	LB135373
ICSAB01	Aluminum	236000	247000	96	209000	285000	04/10/2025	10:42	LB135373
	Antimony	624	618	101	525	711	04/10/2025	10:42	LB135373
	Arsenic	111	104	107	88.4	120	04/10/2025	10:42	LB135373
	Barium	459	537	86	437	637	04/10/2025	10:42	LB135373
	Beryllium	525	495	106	420	570	04/10/2025	10:42	LB135373
	Cadmium	981	972	101	826	1120	04/10/2025	10:42	LB135373
	Calcium	219000	235000	93	199000	271000	04/10/2025	10:42	LB135373
	Chromium	553	542	102	460	624	04/10/2025	10:42	LB135373
	Cobalt	498	476	105	404	548	04/10/2025	10:42	LB135373
	Copper	500	511	98	434	588	04/10/2025	10:42	LB135373
	Iron	93600	99300	94	84400	114500	04/10/2025	10:42	LB135373
	Lead	57.3	49.0	117	37	61	04/10/2025	10:42	LB135373
	Magnesium	237000	248000	96	210000	286000	04/10/2025	10:42	LB135373
	Manganese	454	507	90	430	584	04/10/2025	10:42	LB135373
	Nickel	995	954	104	810	1100	04/10/2025	10:42	LB135373
	Potassium	-183			0	0	04/10/2025	10:42	LB135373
	Selenium	36.7	46.0	80	26	66	04/10/2025	10:42	LB135373
	Silver	186	201	92	170	232	04/10/2025	10:42	LB135373
	Sodium	-267			0	0	04/10/2025	10:42	LB135373
	Thallium	103	108	95	68	148	04/10/2025	10:42	LB135373

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Portal Partners Tri-Venture **SDG No.:** Q1744
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1744 **SAS No.:** Q1744
ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	460	491	94	417	565	04/10/2025	10:42	LB135373
	Zinc	1060	952	111	809	1095	04/10/2025	10:42	LB135373



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Portal Partners Tri-Venture **level:** low **sdg no.:** Q1744

contract: PORT06 **lab code:** CHEM **case no.:** Q1744 **sas no.:** Q1744

matrix: Solid **sample id:** Q1745-09 **client id:** IB-6.5-WCMS

Percent Solids for Sample: 71.5 **Spiked ID:** Q1745-09MS **Percent Solids for Spike Sample:** 71.5

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	5740		5630		130	82		P
Antimony	mg/Kg	75 - 125	49.3		3.35	U	53.5	92		P
Arsenic	mg/Kg	75 - 125	82.2		36.0		53.5	86		P
Barium	mg/Kg	75 - 125	403		386		13.4	129		P
Beryllium	mg/Kg	75 - 125	10.8		0.54		13.4	77		P
Cadmium	mg/Kg	75 - 125	12.4		0.13	J	13.4	91		P
Calcium	mg/Kg	75 - 125	9880		9780		66.9	149		P
Chromium	mg/Kg	75 - 125	39.0		16.2		26.8	85		P
Cobalt	mg/Kg	75 - 125	18.7		6.11		13.4	94		P
Copper	mg/Kg	75 - 125	230		217		20.1	63		P
Iron	mg/Kg	75 - 125	18100		18500		200	-219		P
Lead	mg/Kg	75 - 125	740		694		66.9	69		P
Magnesium	mg/Kg	75 - 125	1140		1030		130	86		P
Manganese	mg/Kg	75 - 125	207		193		13.4	103		P
Nickel	mg/Kg	75 - 125	57.1		26.1		33.5	93		P
Potassium	mg/Kg	75 - 125	1810		1240		670	85		P
Selenium	mg/Kg	75 - 125	115		1.34	U	130	88		P
Silver	mg/Kg	75 - 125	7.33		3.03		5.0	86		P
Sodium	mg/Kg	75 - 125	1270		1130		200	73		P
Thallium	mg/Kg	75 - 125	120		0.76	J	130	92		P
Vanadium	mg/Kg	75 - 125	37.8		21.1		20.1	83		P
Zinc	mg/Kg	75 - 125	298		292		13.4	43		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Portal Partners Tri-Venture **level:** low **sdg no.:** Q1744
contract: PORT06 **lab code:** CHEM **case no.:** Q1744 **sas no.:** Q1744
matrix: Solid **sample id:** Q1745-09 **client id:** IB-6.5-WCMSD
Percent Solids for Sample: 71.5 **Spiked ID:** Q1745-09MSD **Percent Solids for Spike Sample:** 71.5

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	5680		5630		130	40		P
Antimony	mg/Kg	75 - 125	47.3		3.35	U	52.5	90		P
Arsenic	mg/Kg	75 - 125	79.3		36.0		52.5	82		P
Barium	mg/Kg	75 - 125	425		386		13.1	297		P
Beryllium	mg/Kg	75 - 125	9.94		0.54		13.1	72	N	P
Cadmium	mg/Kg	75 - 125	11.8		0.13	J	13.1	89		P
Calcium	mg/Kg	75 - 125	9780		9780		65.7	-10		P
Chromium	mg/Kg	75 - 125	37.9		16.2		26.3	82		P
Cobalt	mg/Kg	75 - 125	18.1		6.11		13.1	91		P
Copper	mg/Kg	75 - 125	223		217		19.7	28		P
Iron	mg/Kg	75 - 125	18400		18500		200	-31		P
Lead	mg/Kg	75 - 125	725		694		65.7	47		P
Magnesium	mg/Kg	75 - 125	1120		1030		130	69		P
Manganese	mg/Kg	75 - 125	204		193		13.1	84		P
Nickel	mg/Kg	75 - 125	55.3		26.1		32.8	89		P
Potassium	mg/Kg	75 - 125	1870		1240		660	94		P
Selenium	mg/Kg	75 - 125	110		1.34	U	130	85		P
Silver	mg/Kg	75 - 125	7.24		3.03		4.9	86		P
Sodium	mg/Kg	75 - 125	1300		1130		200	84		P
Thallium	mg/Kg	75 - 125	116		0.76	J	130	89		P
Vanadium	mg/Kg	75 - 125	37.0		21.1		19.7	81		P
Zinc	mg/Kg	75 - 125	289		292		13.1	-17		P

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>Portal Partners Tri-Venture</u>	level: <u>low</u>	sdg no.: <u>Q1744</u>
contract: <u>PORT06</u>	lab code: <u>CHEM</u>	case no.: <u>Q1744</u> sas no.: <u>Q1744</u>
matrix: <u>Solid</u>	sample id: <u>Q1753-05</u>	client id: <u>WC-2MS</u>
Percent Solids for Sample: 89	Spiked ID: Q1753-05MS	Percent Solids for Spike Sample: 89

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.23		0.026		0.3	69	N	CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Portal Partners Tri-Venture</u>	level: <u>low</u>	sdg no.: <u>Q1744</u>
contract: <u>PORT06</u>	lab code: <u>CHEM</u>	case no.: <u>Q1744</u> sas no.: <u>Q1744</u>
matrix: <u>Solid</u>	sample id: <u>Q1753-05</u>	client id: <u>WC-2MSD</u>
Percent Solids for Sample: 89	Spiked ID: Q1753-05MSD	Percent Solids for Spike Sample: 89

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.18		0.026		0.28	56	N	CV

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1744
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1744 **SAS No.:** Q1744
Matrix: Solid **Level:** LOW **Client ID:** IB-6.5-WCA
Sample ID: Q1745-09 **Spiked ID:** Q1745-09A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Beryllium	mg/Kg	75 - 125	10.1		0.54		13.4	71		P

A
B
C
D
E
F
G
H
I
J

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client:	<u>Portal Partners Tri-Venture</u>	SDG No.:	<u>Q1744</u>				
Contract:	<u>PORT06</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1744</u>	SAS No.:	<u>Q1744</u>
Matrix:	<u>Solid</u>	Level:	<u>LOW</u>	Client ID:	<u>WC-2A</u>		
Sample ID:	<u>Q1753-05</u>	Spiked ID:	<u>Q1753-05A</u>				

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.26		0.026		0.30	78		CV

A
B
C
D
E
F
G
H
I
J

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q1744
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1744 **SAS No.:** Q1744
Matrix: Solid **Sample ID:** Q1745-09 **Client ID:** IB-6.5-WCDUP
Percent Solids for Sample: 71.5 **Duplicate ID** Q1745-09DUP **Percent Solids for Spike Sample:** 71.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	5630		5310		6		P
Antimony	mg/Kg	20	3.35	U	3.15	U			P
Arsenic	mg/Kg	20	36.0		32.8		9		P
Barium	mg/Kg	20	386		369		5		P
Beryllium	mg/Kg	20	0.54		0.48		12		P
Cadmium	mg/Kg	20	0.13	J	0.11	J	15		P
Calcium	mg/Kg	20	9780		9280		5		P
Chromium	mg/Kg	20	16.2		15.2		6		P
Cobalt	mg/Kg	20	6.11		5.76		6		P
Copper	mg/Kg	20	217		202		7		P
Iron	mg/Kg	20	18500		17300		7		P
Lead	mg/Kg	20	694		647		7		P
Magnesium	mg/Kg	20	1030		973		6		P
Manganese	mg/Kg	20	193		184		5		P
Nickel	mg/Kg	20	26.1		24.3		7		P
Potassium	mg/Kg	20	1240		1140		8		P
Selenium	mg/Kg	20	1.34	U	1.26	U			P
Silver	mg/Kg	20	3.03		2.77		9		P
Sodium	mg/Kg	20	1130		1050		7		P
Thallium	mg/Kg	20	0.76	J	0.73	J	4		P
Vanadium	mg/Kg	20	21.1		20.0		5		P
Zinc	mg/Kg	20	292		274		6		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q1744
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1744 **SAS No.:** Q1744
Matrix: Solid **Sample ID:** Q1745-09MS **Client ID:** IB-6.5-WCMSD
Percent Solids for Sample: 71.5 **Duplicate ID** Q1745-09MSD **Percent Solids for Spike Sample:** 71.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	5740		5680		1		P
Antimony	mg/Kg	20	49.3		47.3		4		P
Arsenic	mg/Kg	20	82.2		79.3		4		P
Barium	mg/Kg	20	403		425		5		P
Beryllium	mg/Kg	20	10.8		9.94		8		P
Cadmium	mg/Kg	20	12.4		11.8		5		P
Calcium	mg/Kg	20	9880		9780		1		P
Chromium	mg/Kg	20	39.0		37.9		3		P
Cobalt	mg/Kg	20	18.7		18.1		3		P
Copper	mg/Kg	20	230		223		3		P
Iron	mg/Kg	20	18100		18400		2		P
Lead	mg/Kg	20	740		725		2		P
Magnesium	mg/Kg	20	1140		1120		2		P
Manganese	mg/Kg	20	207		204		1		P
Nickel	mg/Kg	20	57.1		55.3		3		P
Potassium	mg/Kg	20	1810		1870		3		P
Selenium	mg/Kg	20	115		110		4		P
Silver	mg/Kg	20	7.33		7.24		1		P
Sodium	mg/Kg	20	1270		1300		2		P
Thallium	mg/Kg	20	120		116		3		P
Vanadium	mg/Kg	20	37.8		37.0		2		P
Zinc	mg/Kg	20	298		289		3		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>Portal Partners Tri-Venture</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q1744</u>
Contract:	<u>PORT06</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1744</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q1753-05</u>	Client ID:	<u>WC-2DUP</u>
Percent Solids for Sample:	89	Duplicate ID	Q1753-05DUP	Percent Solids for Spike Sample:	89

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.026		0.026		0		CV

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>Portal Partners Tri-Venture</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q1744</u>
Contract:	<u>PORT06</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1744</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q1753-05MS</u>	Client ID:	<u>WC-2MSD</u>
Percent Solids for Sample:	89	Duplicate ID	Q1753-05MSD	Percent Solids for Spike Sample:	89

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.23		0.18		25	*	CV

Metals

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1744
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1744 **SAS No.:** Q1744

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167490BS							
Aluminum	mg/Kg	94.8	88.7		94	80 - 120	P
Antimony	mg/Kg	37.9	38.4		101	80 - 120	P
Arsenic	mg/Kg	37.9	36.7		97	80 - 120	P
Barium	mg/Kg	9.5	7.77		82	80 - 120	P
Beryllium	mg/Kg	9.5	8.55		90	80 - 120	P
Cadmium	mg/Kg	9.5	8.72		92	80 - 120	P
Calcium	mg/Kg	47.4	44.3	J	94	80 - 120	P
Chromium	mg/Kg	19.0	18.6		98	80 - 120	P
Cobalt	mg/Kg	9.5	8.77		92	80 - 120	P
Copper	mg/Kg	14.2	14.4		101	80 - 120	P
Iron	mg/Kg	140	133		95	80 - 120	P
Lead	mg/Kg	47.4	43.5		92	80 - 120	P
Magnesium	mg/Kg	94.8	86.2	J	91	80 - 120	P
Manganese	mg/Kg	9.5	8.45		89	80 - 120	P
Nickel	mg/Kg	23.7	22.6		95	80 - 120	P
Potassium	mg/Kg	470	427		91	80 - 120	P
Selenium	mg/Kg	94.8	94.0		99	80 - 120	P
Silver	mg/Kg	3.6	3.47		96	80 - 120	P
Sodium	mg/Kg	140	127		91	80 - 120	P
Thallium	mg/Kg	94.8	91.2		96	80 - 120	P
Vanadium	mg/Kg	14.2	13.0		92	80 - 120	P
Zinc	mg/Kg	9.5	9.43		99	80 - 120	P

Metals

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: Portal Partners Tri-Venture

SDG No.: Q1744

Contract: PORT06

Lab Code: CHEM

Case No.: Q1744

SAS No.: Q1744

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167532BS Mercury	mg/Kg	0.27	0.24		90	80 - 120	CV

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

IB-6.5-WCL

Lab Name: Chemtech Consulting Group

Contract: PORT06

Lab Code: CHEM Lb No.: lb135373 Lab Sample ID : Q1745-09L SDG No.: Q1744

Matrix (soil/water): Solid Level (low/med): LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ-ence	Q	M
Aluminum	5630		6110		9		P
Antimony	3.35	U	16.7	U			P
Arsenic	36.0		38.3		6		P
Barium	386		428		11		P
Beryllium	0.54		0.59	J	9		P
Cadmium	0.13	J	2.01	U	100.0		P
Calcium	9780		10900		11		P
Chromium	16.2		18.2		12		P
Cobalt	6.11		6.18	J	1		P
Copper	217		249		15		P
Iron	18500		20400		10		P
Lead	694		737		6		P
Magnesium	1030		1160		13		P
Manganese	193		218		13		P
Nickel	26.1		26.7		2		P
Potassium	1240		1260		1		P
Selenium	1.34	U	6.69	U			P
Silver	3.03		3.38		12		P
Sodium	1130		1200		6		P
Thallium	0.76	J	13.4	U	100.0		P
Vanadium	21.1		22.8		8		P
Zinc	292		334		14		P

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

WC-2L

Lab Name: Chemtech Consulting Group **Contract:** PORT06
Lab Code: CHEM **Lb No.:** lb135354 **Lab Sample ID :** Q1753-05L **SDG No.:** Q1744
Matrix (soil/water): Solid **Level (low/med):** LOW
Concentration Units: mg/Kg

Analyte	Initial Sample Result (I) C	Serial Dilution Result (S) C	% Differ- ence	Q	M
Mercury	0.026	0.074 U	100.0		CV

metals
- 14 -
ANALYSIS RUN LOG

Client: Portal Partners Tri-Venture **Contract:** PORT06

Lab code: CHEM **Case no.:** Q1744 **Sas no.:** Q1744 **Sdg no.:** Q1744

Instrument id number: **Method:** **Run number:** LB135354

Start date: 04/09/2025 **End date:** 04/09/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1106	HG
S0.2	S0.2	1	1109	HG
S2.5	S2.5	1	1111	HG
S5	S5	1	1113	HG
S7.5	S7.5	1	1115	HG
S10	S10	1	1131	HG
ICV82	ICV82	1	1134	HG
ICB82	ICB82	1	1136	HG
CCV49	CCV49	1	1143	HG
CCB49	CCB49	1	1145	HG
CRA	CRA	1	1147	HG
PB167532BL	PB167532BL	1	1158	HG
PB167532BS	PB167532BS	1	1203	HG
Q1744-01	B-158-SB01	1	1208	HG
Q1744-03	B-158-SB02	1	1210	HG
CCV50	CCV50	1	1217	HG
CCB50	CCB50	1	1220	HG
CCV51	CCV51	1	1246	HG
CCB51	CCB51	1	1248	HG
Q1753-05DUP	WC-2DUP	1	1257	HG
Q1753-05MS	WC-2MS	1	1259	HG
Q1753-05MSD	WC-2MSD	1	1302	HG
Q1753-05L	WC-2L	5	1334	HG
Q1753-05A	WC-2A	1	1336	HG
CCV52	CCV52	1	1358	HG
CCB52	CCB52	1	1404	HG
CCV53	CCV53	1	1418	HG
CCB53	CCB53	1	1421	HG

metals
- 14 -
ANALYSIS RUN LOG

Client: Portal Partners Tri-Venture **Contract:** PORT06

Lab code: CHEM **Case no.:** Q1744 **Sas no.:** Q1744 **Sdg no.:** Q1744

Instrument id number: **Method:** **Run number:** LB135373

Start date: 04/10/2025 **End date:** 04/10/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0930	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	0935	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	0939	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	0943	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	0947	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	0951	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1009	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1025	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1029	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1033	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1037	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1042	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1100	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1121	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1208	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1212	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1259	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1304	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1351	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1355	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1744-01	B-158-SB01	1	1415	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1744-03	B-158-SB02	1	1419	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1745-09DUP	IB-6.5-WCDUP	1	1432	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1745-09L	IB-6.5-WCL	5	1436	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1444	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1449	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1745-09A	IB-6.5-WCA	1	1457	Be
Q1745-09MS	IB-6.5-WCMS	1	1505	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1745-09MSD	IB-6.5-WCMSD	1	1509	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1544	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1548	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB167490BL	PB167490BL	1	1626	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB167490BS	PB167490BS	1	1639	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	1656	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1700	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	1756	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	1800	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV09	CCV09	1	1819	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB09	CCB09	1	1823	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn



METAL PREPARATION & INSTRUMENT DATA

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Portal Partners Tri-Venture

SDG No.: Q1744

Contract: PORT06

Lab Code: CHEM

Case No.: Q1744

SAS No.: Q1744

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
Aluminum	396.100	0.0000000	-0.0002060	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	-0.0075970	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Portal Partners Tri-Venture

SDG No.: Q1744

Contract: PORT06

Lab Code: CHEM

Case No.: Q1744

SAS No.: Q1744

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

- 11 -

ICP INTERELEMEN CORRECTION FACTORS

Client: Portal Partners Tri-Venture

SDG No.: Q1744

Contract: PORT06

Lab Code: CHEM

Case No.: Q1744

SAS No.: Q1744

Instrument ID:

Date:

Interement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Portal Partners Tri-Venture

SDG No.: Q1744

Contract: PORT06

Lab Code: CHEM

Case No.: Q1744

SAS No.: Q1744

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

Metals

- 11 -

ICP INTERELEMEN CORRECTION FACTORS

Client: Portal Partners Tri-Venture

SDG No.: Q1744

Contract: PORT06

Lab Code: CHEM

Case No.: Q1744

SAS No.: Q1744

Instrument ID:

Date:

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		Sn	Ti	Tl	V	Zn
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	-0.0035600	-0.0007970	0.0000000	-0.0018900	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Cobalt	228.616	0.0000000	0.0018800	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	-0.0039700	0.0000000	-0.0115600	0.0000000
Vanadium	292.402	0.0000000	0.0005320	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

LAB CHRONICLE

OrderID:	Q1744	OrderDate:	4/7/2025 11:34:00 AM
Client:	Portal Partners Tri-Venture	Project:	Amtrak Sawtooth Bridges 2025
Contact:	Joseph Krupansky	Location:	L41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1744-01	B-158-SB01	SOIL			04/05/25			04/07/25
			Mercury	7471B		04/08/25	04/09/25	
			Metals ICP-TAL	6010D		04/07/25	04/10/25	
Q1744-02	B-158-SB01	TCLP			04/05/25			04/07/25
			TCLP ICP Metals	6010D		04/09/25	04/10/25	
			TCLP Mercury	7470A		04/10/25	04/10/25	
Q1744-03	B-158-SB02	SOIL			04/05/25			04/07/25
			Mercury	7471B		04/08/25	04/09/25	
			Metals ICP-TAL	6010D		04/07/25	04/10/25	
Q1744-04	B-158-SB02	TCLP			04/05/25			04/07/25
			TCLP ICP Metals	6010D		04/09/25	04/10/25	
			TCLP Mercury	7470A		04/10/25	04/10/25	



METAL PREPARATION & ANALYICAL SUMMARY

Metals

- 13 -

SAMPLE PREPARATION SUMMARY

Client:	<u>Portal Partners Tri-Venture</u>	SDG No.:	<u>Q1744</u>
Contract:	<u>PORT06</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>Q1744</u>
		SAS No.:	<u>Q1744</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB167490							
PB167490BL	PB167490BL	MB	SOLID	04/07/2025	2.43	100.0	100.00
PB167490BS	PB167490BS	LCS	SOLID	04/07/2025	2.11	100.0	100.00
Q1744-01	B-158-SB01	SAM	SOLID	04/07/2025	2.03	100.0	90.00
Q1744-03	B-158-SB02	SAM	SOLID	04/07/2025	2.10	100.0	56.00
Q1745-09DUP	IB-6.5-WCDUP	DUP	SOLID	04/07/2025	2.22	100.0	71.50
Q1745-09MS	IB-6.5-WCMS	MS	SOLID	04/07/2025	2.09	100.0	71.50
Q1745-09MSD	IB-6.5-WCMSD	MSD	SOLID	04/07/2025	2.13	100.0	71.50

Metals

- 13 -

SAMPLE PREPARATION SUMMARY

Client:	<u>Portal Partners Tri-Venture</u>	SDG No.:	<u>Q1744</u>
Contract:	<u>PORT06</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>Q1744</u>
		SAS No.:	<u>Q1744</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB167532							
PB167532BL	PB167532BL	MB	SOLID	04/08/2025	0.57	35.0	100.00
PB167532BS	PB167532BS	LCS	SOLID	04/08/2025	0.52	35.0	100.00
Q1744-01	B-158-SB01	SAM	SOLID	04/08/2025	0.57	35.0	90.00
Q1744-03	B-158-SB02	SAM	SOLID	04/08/2025	0.57	35.0	56.00
Q1753-05DUP	WC-2DUP	DUP	SOLID	04/08/2025	0.55	35.0	89.00
Q1753-05MS	WC-2MS	MS	SOLID	04/08/2025	0.52	35.0	89.00
Q1753-05MSD	WC-2MSD	MSD	SOLID	04/08/2025	0.56	35.0	89.00

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB135354

Review By	jaswal	Review On	4/10/2025 10:50:44 PM
Supervise By	mohan	Supervise On	4/16/2025 4:32:00 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85158,MP85159,MP85160,MP85161,MP85162,MP85163		
ICV Standard	MP85164		
CCV Standard	MP85166		
ICSA Standard			
CRI Standard	MP85168		
LCS Standard			
Chk Standard	MP85165,MP85167,MP85169,MP85174		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	04/09/25 11:06		mohan	OK
2	S0.2	S0.2	CAL2	04/09/25 11:09		mohan	OK
3	S2.5	S2.5	CAL3	04/09/25 11:11		mohan	OK
4	S5	S5	CAL4	04/09/25 11:13		mohan	OK
5	S7.5	S7.5	CAL5	04/09/25 11:15		mohan	OK
6	S10	S10	CAL6	04/09/25 11:31		mohan	OK
7	ICV82	ICV82	ICV	04/09/25 11:34		mohan	OK
8	ICB82	ICB82	ICB	04/09/25 11:36		mohan	OK
9	CCV49	CCV49	CCV	04/09/25 11:43		mohan	OK
10	CCB49	CCB49	CCB	04/09/25 11:45		mohan	OK
11	CRA	CRA	CRDL	04/09/25 11:47		mohan	OK
12	HighStd	HighStd	HIGH STD	04/09/25 11:50		mohan	OK
13	ChkStd	ChkStd	SAM	04/09/25 11:52		mohan	OK
14	PB167532BL	PB167532BL	MB	04/09/25 11:58		mohan	OK
15	PB167532BS	PB167532BS	LCS	04/09/25 12:03		mohan	OK
16	Q1742-01	TR-06-040725	SAM	04/09/25 12:05		mohan	OK
17	Q1744-01	B-158-SB01	SAM	04/09/25 12:08		mohan	OK
18	Q1744-03	B-158-SB02	SAM	04/09/25 12:10		mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB135354

Review By	jaswal	Review On	4/10/2025 10:50:44 PM
Supervise By	mohan	Supervise On	4/16/2025 4:32:00 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85158,MP85159,MP85160,MP85161,MP85162,MP85163		
ICV Standard	MP85164		
CCV Standard	MP85166		
ICSA Standard			
CRI Standard	MP85168		
LCS Standard			
Chk Standard	MP85165,MP85167,MP85169,MP85174		

19	Q1745-01	IB-6A-WC	SAM	04/09/25 12:12	High	mohan	Dilution
20	Q1745-09	IB-6.5-WC	SAM	04/09/25 12:14	High	mohan	Dilution
21	CCV50	CCV50	CCV	04/09/25 12:17		mohan	OK
22	CCB50	CCB50	CCB	04/09/25 12:20		mohan	OK
23	Q1746-01	B-149-SB01	SAM	04/09/25 12:22		mohan	OK
24	Q1746-03	B-149-SB02	SAM	04/09/25 12:25		mohan	OK
25	Q1747-01	ARS20-0008	SAM	04/09/25 12:27		mohan	OK
26	Q1748-01	IB-1.5-WC	SAM	04/09/25 12:29	High	mohan	Dilution
27	Q1748-05	IB-2A-WC	SAM	04/09/25 12:31		mohan	OK
28	Q1749-01	TP-14	SAM	04/09/25 12:34		mohan	OK
29	Q1752-01	TP-1	SAM	04/09/25 12:37		mohan	OK
30	Q1752-03	TP-2	SAM	04/09/25 12:39		mohan	OK
31	Q1752-05	TP-4	SAM	04/09/25 12:41		mohan	OK
32	Q1752-07	TP-3	SAM	04/09/25 12:44		mohan	OK
33	CCV51	CCV51	CCV	04/09/25 12:46		mohan	OK
34	CCB51	CCB51	CCB	04/09/25 12:48		mohan	OK
35	Q1753-01	WC-1	SAM	04/09/25 12:53		mohan	OK
36	Q1753-05	WC-2	SAM	04/09/25 12:55		mohan	OK
37	Q1753-05DUP	WC-2DUP	DUP	04/09/25 12:57		mohan	OK
38	Q1753-05MS	WC-2MS	MS	04/09/25 12:59		mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB135354

Review By	jaswal	Review On	4/10/2025 10:50:44 PM
Supervise By	mohan	Supervise On	4/16/2025 4:32:00 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85158,MP85159,MP85160,MP85161,MP85162,MP85163		
ICV Standard	MP85164		
CCV Standard	MP85166		
ICSA Standard			
CRI Standard	MP85168		
LCS Standard			
Chk Standard	MP85165,MP85167,MP85169,MP85174		

39	Q1753-05MSD	WC-2MSD	MSD	04/09/25 13:02		mohan	OK
40	Q1753-05L	WC-2L	SD	04/09/25 13:34		mohan	OK
41	Q1753-05A	WC-2A	PS	04/09/25 13:36		mohan	OK
42	Q1745-01DL	IB-6A-WCDL	SAM	04/09/25 13:41	Report 10X,Still high	mohan	Dilution
43	Q1745-09DL	IB-6.5-WCDL	SAM	04/09/25 13:48	Report 5X	mohan	Confirms
44	Q1748-01DL	IB-1.5-WCDL	SAM	04/09/25 13:56	Report 5X	mohan	Confirms
45	CCV52	CCV52	CCV	04/09/25 13:58		mohan	OK
46	CCB52	CCB52	CCB	04/09/25 14:04		mohan	OK
47	Q1745-01DL2	IB-6A-WCDL2	SAM	04/09/25 14:13	Report 50X	mohan	Confirms
48	CCV53	CCV53	CCV	04/09/25 14:18		mohan	OK
49	CCB53	CCB53	CCB	04/09/25 14:21		mohan	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135373

Review By	jaswal	Review On	4/11/2025 8:35:52 AM
Supervise By	kareem	Supervise On	4/11/2025 10:25:08 AM
STD. NAME	STD REF.#		
ICAL Standard	MP85016,MP85017,MP85018,MP85019,MP85020,MP85022		
ICV Standard	MP85023		
CCV Standard	MP85026		
ICSA Standard	MP85024,MP85025		
CRI Standard	MP85022		
LCS Standard			
Chk Standard	MP85030,MP85031		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	04/10/25 09:30		Kareem	OK
2	S1	S1	CAL2	04/10/25 09:35		Kareem	OK
3	S2	S2	CAL3	04/10/25 09:39		Kareem	OK
4	S3	S3	CAL4	04/10/25 09:43		Kareem	OK
5	S4	S4	CAL5	04/10/25 09:47		Kareem	OK
6	S5	S5	CAL6	04/10/25 09:51		Kareem	OK
7	ICV01	ICV01	ICV	04/10/25 10:09	ICV01 Fail For Be,Cd,Ca,Co,Mg,Mn,Ni,V (200.7)	Kareem	OK
8	LLICV01	LLICV01	LLICV	04/10/25 10:25		Kareem	OK
9	ICB01	ICB01	ICB	04/10/25 10:29		Kareem	OK
10	CRI01	CRI01	CRDL	04/10/25 10:33		Kareem	OK
11	ICSA01	ICSA01	ICSA	04/10/25 10:37		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	04/10/25 10:42		Kareem	OK
13	ICSADL	ICSADL	ICSA	04/10/25 10:46		Kareem	OK
14	ICSABDL	ICSABDL	ICSAB	04/10/25 10:50		Kareem	OK
15	CCV01	CCV01	CCV	04/10/25 11:00		Kareem	OK
16	CCB01	CCB01	CCB	04/10/25 11:21		Kareem	OK
17	PB167483BL	PB167483BL	MB	04/10/25 11:26		Kareem	OK
18	PB167483BS	PB167483BS	LCS	04/10/25 11:30		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135373

Review By	jaswal	Review On	4/11/2025 8:35:52 AM
Supervise By	kareem	Supervise On	4/11/2025 10:25:08 AM
STD. NAME	STD REF.#		
ICAL Standard	MP85016,MP85017,MP85018,MP85019,MP85020,MP85022		
ICV Standard	MP85023		
CCV Standard	MP85026		
ICSA Standard	MP85024,MP85025		
CRI Standard	MP85022		
LCS Standard			
Chk Standard	MP85030,MP85031		

19	PB167497BL	PB167497BL	MB	04/10/25 11:34		Kareem	OK
20	PB167497BS	PB167497BS	LCS	04/10/25 11:38		Kareem	OK
21	Q1715-01	WATER TREATMENT	SAM	04/10/25 11:42		Kareem	OK
22	Q1745-01	IB-6A-WC	SAM	04/10/25 11:47		Kareem	OK
23	Q1745-09	IB-6.5-WC	SAM	04/10/25 11:51		Kareem	OK
24	Q1748-01	IB-1.5-WC	SAM	04/10/25 11:55		Kareem	OK
25	Q1748-05	IB-2A-WC	SAM	04/10/25 11:59		Kareem	OK
26	Q1749-01	TP-14	SAM	04/10/25 12:03		Kareem	OK
27	CCV02	CCV02	CCV	04/10/25 12:08		Kareem	OK
28	CCB02	CCB02	CCB	04/10/25 12:12		Kareem	OK
29	Q1732-01	TT-8	SAM	04/10/25 12:17		Kareem	OK
30	Q1733-01	ETGI-328	SAM	04/10/25 12:21		Kareem	OK
31	Q1740-01	TP-20	SAM	04/10/25 12:25		Kareem	OK
32	Q1743-01	TP-16	SAM	04/10/25 12:29		Kareem	OK
33	Q1739-01	WC-LIQUID-20250404	SAM	04/10/25 12:33		Kareem	OK
34	Q1748-04	IB-1.5-WC	SAM	04/10/25 12:38		Kareem	OK
35	Q1748-08	IB-2A-WC	SAM	04/10/25 12:42		Kareem	OK
36	Q1754-02	TP-1	SAM	04/10/25 12:46		Kareem	OK
37	Q1754-04	TP-1-CONCRETE	SAM	04/10/25 12:51		Kareem	OK
38	Q1754-01	TP-1	SAM	04/10/25 12:55		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135373

Review By	jaswal	Review On	4/11/2025 8:35:52 AM
Supervise By	kareem	Supervise On	4/11/2025 10:25:08 AM
STD. NAME	STD REF.#		
ICAL Standard	MP85016,MP85017,MP85018,MP85019,MP85020,MP85022		
ICV Standard	MP85023		
CCV Standard	MP85026		
ICSA Standard	MP85024,MP85025		
CRI Standard	MP85022		
LCS Standard			
Chk Standard	MP85030,MP85031		

39	CCV03	CCV03	CCV	04/10/25 12:59		Kareem	OK
40	CCB03	CCB03	CCB	04/10/25 13:04		Kareem	OK
41	Q1754-03	TP-1-CONCRETE	SAM	04/10/25 13:07		Kareem	OK
42	Q1754-03DUP	TP-1-CONCRETE DUB	DUP	04/10/25 13:12		Kareem	OK
43	Q1754-03L	TP-1-CONCRETE L	SD	04/10/25 13:16		Kareem	OK
44	Q1754-03A	TP-1-CONCRETE A	PS	04/10/25 13:29		Kareem	OK
45	Q1715-01DUP	WATER TREATMENT DUB	DUP	04/10/25 13:33		Kareem	OK
46	Q1715-01L	WATER TREATMENT L	SD	04/10/25 13:38		Kareem	OK
47	Q1745-04	IB-6A-WC	SAM	04/10/25 13:42		Kareem	OK
48	Q1745-12	IB-6.5-WC	SAM	04/10/25 13:47		Kareem	OK
49	CCV04	CCV04	CCV	04/10/25 13:51		Kareem	OK
50	CCB04	CCB04	CCB	04/10/25 13:55		Kareem	OK
51	Q1715-01MS	WATER TREATMENT MS	MS	04/10/25 13:59		Kareem	OK
52	Q1715-01MSD	WATER TREATMENT MSD	MSD	04/10/25 14:07		Kareem	OK
53	Q1715-01A	WATER TREATMENT A	PS	04/10/25 14:11		Kareem	OK
54	Q1744-01	B-158-SB01	SAM	04/10/25 14:15		Kareem	OK
55	Q1744-03	B-158-SB02	SAM	04/10/25 14:19		Kareem	OK
56	Q1754-03MS	TP-1-CONCRETE MS	MS	04/10/25 14:23		Kareem	OK
57	Q1754-03MSD	TP-1-CONCRETE MSD	MSD	04/10/25 14:27		Kareem	OK
58	Q1745-09DUP	IB-6.5-WC DUB	DUP	04/10/25 14:32		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135373

Review By	jaswal	Review On	4/11/2025 8:35:52 AM
Supervise By	kareem	Supervise On	4/11/2025 10:25:08 AM
STD. NAME	STD REF.#		
ICAL Standard	MP85016,MP85017,MP85018,MP85019,MP85020,MP85022		
ICV Standard	MP85023		
CCV Standard	MP85026		
ICSA Standard	MP85024,MP85025		
CRI Standard	MP85022		
LCS Standard			
Chk Standard	MP85030,MP85031		

59	Q1745-09L	IB-6.5-WCL	SD	04/10/25 14:36		Kareem	OK
60	CCV05	CCV05	CCV	04/10/25 14:44		Kareem	OK
61	CCB05	CCB05	CCB	04/10/25 14:49		Kareem	OK
62	Q1745-09A	IB-6.5-WCA	PS	04/10/25 14:57	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
63	Q1745-09MS	IB-6.5-WCMS	MS	04/10/25 15:05	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
64	Q1745-09MSD	IB-6.5-WCMSD	MSD	04/10/25 15:09	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
65	PBW04	PBW04	MB	04/10/25 15:14		Kareem	OK
66	LCSSW04	LCSSW04	LCS	04/10/25 15:18	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
67	PBS04	PBS04	MB	04/10/25 15:23		Kareem	OK
68	LCSS04	LCSS04	LCS	04/10/25 15:27	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
69	PBW05	PBW05	MB	04/10/25 15:31		Kareem	OK
70	PBS05	PBS05	MB	04/10/25 15:35		Kareem	OK
71	WATER MDL-4	WATER MDL-4	SAM	04/10/25 15:40		Kareem	OK
72	CCV06	CCV06	CCV	04/10/25 15:44		Kareem	OK
73	CCB06	CCB06	CCB	04/10/25 15:48		Kareem	OK
74	WATER MDL-5	WATER MDL-5	SAM	04/10/25 15:52		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135373

Review By	jaswal	Review On	4/11/2025 8:35:52 AM
Supervise By	kareem	Supervise On	4/11/2025 10:25:08 AM
STD. NAME	STD REF.#		
ICAL Standard	MP85016,MP85017,MP85018,MP85019,MP85020,MP85022		
ICV Standard	MP85023		
CCV Standard	MP85026		
ICSA Standard	MP85024,MP85025		
CRI Standard	MP85022		
LCS Standard			
Chk Standard	MP85030,MP85031		

75	SOIL MDL-4	SOIL MDL-4	SAM	04/10/25 16:09		Kareem	OK
76	Q1746-01	B-149-SB01	SAM	04/10/25 16:17		Kareem	OK
77	Q1746-03	B-149-SB02	SAM	04/10/25 16:22		Kareem	OK
78	PB167490BL	PB167490BL	MB	04/10/25 16:26		Kareem	OK
79	PB167490BS	PB167490BS	LCS	04/10/25 16:39	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
80	PB167517TB	PB167517TB	MB	04/10/25 16:43		Kareem	OK
81	Q1744-02	B-158-SB01	SAM	04/10/25 16:47		Kareem	OK
82	Q1744-04	B-158-SB02	SAM	04/10/25 16:52	Confirm TCLP for Ba	Kareem	OK
83	CCV07	CCV07	CCV	04/10/25 16:56		Kareem	OK
84	CCB07	CCB07	CCB	04/10/25 17:00		Kareem	OK
85	Q1780-01	001-WILLETS-PT-BL	SAM	04/10/25 17:05		Kareem	OK
86	Q1780-02	002-35TH-AVE(MAR)	SAM	04/10/25 17:09		Kareem	OK
87	Q1780-02DUP	002-35TH-AVE(MAR)	DUP	04/10/25 17:13		Kareem	OK
88	Q1780-02L	002-35TH-AVE(MAR)	SD	04/10/25 17:18		Kareem	OK
89	Q1780-02MS	002-35TH-AVE(MAR)	MS	04/10/25 17:22	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
90	Q1780-02MSD	002-35TH-AVE(MAR)	MSD	04/10/25 17:26	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135373

Review By	jaswal	Review On	4/11/2025 8:35:52 AM
Supervise By	kareem	Supervise On	4/11/2025 10:25:08 AM
STD. NAME	STD REF.#		
ICAL Standard	MP85016,MP85017,MP85018,MP85019,MP85020,MP85022		
ICV Standard	MP85023		
CCV Standard	MP85026		
ICSA Standard	MP85024,MP85025		
CRI Standard	MP85022		
LCS Standard			
Chk Standard	MP85030,MP85031		

91	Q1780-02A	002-35TH-AVE(MAR)	PS	04/10/25 17:30	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
92	SOIL MDL-5	SOIL MDL-5	SAM	04/10/25 17:34		Kareem	OK
93	PB167554BL	PB167554BL	MB	04/10/25 17:39		Kareem	OK
94	PB167554BS	PB167554BS	LCS	04/10/25 17:43	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
95	CCV08	CCV08	CCV	04/10/25 17:56		Kareem	OK
96	CCB08	CCB08	CCB	04/10/25 18:00		Kareem	OK
97	LR1	LR1	HIGH STD	04/10/25 18:05		Kareem	OK
98	LR2	LR2	HIGH STD	04/10/25 18:10		Kareem	OK
99	CCV09	CCV09	CCV	04/10/25 18:19		Kareem	OK
100	CCB09	CCB09	CCB	04/10/25 18:23		Kareem	OK

SOP ID : M3050B-Digestion-20

SDG No : N/A

Matrix : SOIL

Pipette ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

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

Start Digest Date: 04/07/2025 Time : 14:05 Temp : 96 °C

End Digest Date: 04/07/2025 Time : 16:10 Temp : 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #2

Dig Technician Signature: S123

Supervisor Signature: [Signature]

Temp : 1. 96°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
LFS-1	1.00	M6003
LFS-2	1.00	M6012
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
1:1 HNO3	10.00	MP84041
Conc. HNO3	5.00	M6158
30% H2O2	3.00	M6125
Conc. HCL	10.00	M6151
PTFE Boiling Stones	N/A	M5581
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK # 2 CELL 35 Temp :96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
04/07/25 17:10	S123. met. dig	S1 (metals lab)
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
PB167490BL	PBS490	N/A	2.43	100	Colorless	Colorless	Fine	N/A	N/A	1
PB167490BS	LCS490	N/A	2.11	100	Colorless	Colorless	Fine	N/A	M6003,M6012	2
Q1744-01	B-158-SB01	N/A	2.03	100	Colorless	Colorless	Fine	N/A	N/A	3
Q1744-03	B-158-SB02	N/A	2.10	100	Colorless	Colorless	Fine	N/A	N/A	4
Q1745-01	IB-6A-WC	N/A	2.10	100	Brown	Yellow	Medium	N/A	N/A	5
Q1745-09	IB-6.5-WC	N/A	2.09	100	Gray	Yellow	Medium	N/A	N/A	6
Q1745-09MS	IB-6.5-WCMS	N/A	2.09	100	Gray	Yellow	Medium	N/A	M6003,M6012	8
Q1745-09MSD	IB-6.5-WCMSD	N/A	2.13	100	Gray	Yellow	Medium	N/A	M6003,M6012	9
Q1745-09DUP	IB-6.5-WCDUP	N/A	2.22	100	Gray	Yellow	Medium	N/A	N/A	7
Q1746-01	B-149-SB01	N/A	2.14	100	Brown	Yellow	Medium	N/A	N/A	10
Q1746-03	B-149-SB02	N/A	2.05	100	Brown	Yellow	Medium	N/A	N/A	11

SOP ID : M7471B-Mercury-18

SDG No : NA

Matrix : SOIL

Pipette ID : HG A

Balance ID : M SC-3

Filter paper ID : NA

pH Strip ID : NA

Hood ID : #1

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

Start Digest Date: 04/08/2025 Time : 16:50 Temp : 94 °C

End Digest Date: 04/08/2025 Time : 17:20 Temp : 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature:

Supervisor Signature:

Temp : 1. 94°C 2. N/A

Standardized Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP85164
CCV	30mL	MP85166
CRA	30mL	MP85168
Blank Spike	0.48mL	MP85157
Matrix Spike	0.48mL	MP85157

Chemical Used	ML/SAMPLE USED	Lot Number
AQUA REGIA	1.5mL	N/A
KMnO4 (5%)	4.5mL	MP84564
Hydroxylamine HCL (12%)	2.0mL	MP84566
PTFE Boiling Stones	-----	M4583
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

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP85158
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP85159
2.5 ppb	S2.5	30mL	MP85160
5.0 ppb	S5.0	30mL	MP85161
7.5 ppb	S7.5	30mL	MP85162
10.0 ppb	S10.0	30mL	MP85163
ICV	ICV	30mL	MP85164
ICB	ICB	30mL	MP85165
CCV	CCV	30mL	MP85166
CCB	CCB	30mL	MP85167
CRI	CRI	30mL	MP85168
CHK STD	CHK STD	30mL	MP85169

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
4/8/25 @ 17:10	MS - 1155 Lab	MS - 1155 Lab
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Comment	Prep Pos
PB167532BL	PBS532	0.57	35	NA	N/A	3-1
PB167532BS	LCS532	0.52	35	NA	MP85157	2
Q1742-01	TR-06-040725	0.56	35	NA	N/A	3
Q1744-01	B-158-SB01	0.57	35	NA	N/A	4
Q1744-03	B-158-SB02	0.57	35	NA	N/A	5
Q1745-01	IB-6A-WC	0.51	35	NA	N/A	6
Q1745-09	IB-6.5-WC	0.50	35	NA	N/A	7
Q1746-01	B-149-SB01	0.54	35	NA	N/A	8
Q1746-03	B-149-SB02	0.58	35	NA	N/A	9
Q1747-01	ARS20-0008	0.57	35	NA	N/A	10
Q1748-01	IB-1.5-WC	0.52	35	NA	N/A	11
Q1748-05	IB-2A-WC	0.52	35	NA	N/A	12
Q1749-01	TP-14	0.55	35	NA	N/A	13
Q1752-01	TP-1	0.55	35	NA	N/A	14
Q1752-03	TP-2	0.56	35	NA	N/A	15
Q1752-05	TP-3	0.59	35	NA	N/A	16
Q1752-07	TP-4	0.50	35	NA	N/A	17
Q1753-01	WC-1	0.53	35	NA	N/A	18
Q1753-05	WC-2	0.53	35	NA	N/A	19
Q1753-05DUP	WC-2DUP	0.55	35	NA	N/A	20
Q1753-05MS	WC-2MS	0.52	35	NA	MP85157	21
Q1753-05MSD	WC-2MSD	0.56	35	NA	MP85157	22