

Hit Summary Sheet SW-846

SDG No.: Q1194 **Order ID:** Q1194
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-110-SB01								
Q1194-01	B-110-SB01	SOIL	Aluminum	5220		2.31	4.80	mg/Kg
Q1194-01	B-110-SB01	SOIL	Arsenic	1.82		0.28	0.96	mg/Kg
Q1194-01	B-110-SB01	SOIL	Barium	49.5		0.61	4.80	mg/Kg
Q1194-01	B-110-SB01	SOIL	Beryllium	0.55		0.012	0.29	mg/Kg
Q1194-01	B-110-SB01	SOIL	Cadmium	0.24	J	0.015	0.29	mg/Kg
Q1194-01	B-110-SB01	SOIL	Calcium	1530		2.69	96.0	mg/Kg
Q1194-01	B-110-SB01	SOIL	Chromium	14.7		0.052	0.48	mg/Kg
Q1194-01	B-110-SB01	SOIL	Cobalt	5.56		0.056	1.44	mg/Kg
Q1194-01	B-110-SB01	SOIL	Copper	14.8		0.45	0.96	mg/Kg
Q1194-01	B-110-SB01	SOIL	Iron	9370		2.58	4.80	mg/Kg
Q1194-01	B-110-SB01	SOIL	Lead	7.05		0.14	0.58	mg/Kg
Q1194-01	B-110-SB01	SOIL	Magnesium	2350		3.29	96.0	mg/Kg
Q1194-01	B-110-SB01	SOIL	Manganese	276		0.068	0.96	mg/Kg
Q1194-01	B-110-SB01	SOIL	Mercury	0.027		0.0070	0.015	mg/Kg
Q1194-01	B-110-SB01	SOIL	Nickel	12.8		0.086	1.92	mg/Kg
Q1194-01	B-110-SB01	SOIL	Potassium	867		27.5	96.0	mg/Kg
Q1194-01	B-110-SB01	SOIL	Sodium	140		34.6	96.0	mg/Kg
Q1194-01	B-110-SB01	SOIL	Thallium	0.72	J	0.42	1.92	mg/Kg
Q1194-01	B-110-SB01	SOIL	Vanadium	8.80		0.26	1.92	mg/Kg
Q1194-01	B-110-SB01	SOIL	Zinc	29.6		0.11	1.92	mg/Kg
Client ID : B-110-SB02								
Q1194-02	B-110-SB02	SOIL	Aluminum	9270		3.52	7.31	mg/Kg
Q1194-02	B-110-SB02	SOIL	Arsenic	77.8		0.42	1.46	mg/Kg
Q1194-02	B-110-SB02	SOIL	Barium	80.4		0.94	7.31	mg/Kg
Q1194-02	B-110-SB02	SOIL	Beryllium	1.08		0.018	0.44	mg/Kg
Q1194-02	B-110-SB02	SOIL	Cadmium	1.32		0.023	0.44	mg/Kg
Q1194-02	B-110-SB02	SOIL	Calcium	1780		4.09	146	mg/Kg
Q1194-02	B-110-SB02	SOIL	Chromium	109		0.079	0.73	mg/Kg
Q1194-02	B-110-SB02	SOIL	Cobalt	8.93		0.085	2.19	mg/Kg
Q1194-02	B-110-SB02	SOIL	Copper	229		0.69	1.46	mg/Kg
Q1194-02	B-110-SB02	SOIL	Iron	17400		3.93	7.31	mg/Kg
Q1194-02	B-110-SB02	SOIL	Lead	330		0.22	0.88	mg/Kg
Q1194-02	B-110-SB02	SOIL	Magnesium	3340		5.01	146	mg/Kg
Q1194-02	B-110-SB02	SOIL	Manganese	165		0.10	1.46	mg/Kg
Q1194-02	B-110-SB02	SOIL	Mercury	7.52	D	0.097	0.22	mg/Kg
Q1194-02	B-110-SB02	SOIL	Nickel	28.6		0.13	2.92	mg/Kg
Q1194-02	B-110-SB02	SOIL	Potassium	1230		42.0	146	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: Q1194 **Order ID:** Q1194
Client: Portal Partners Tri-Venture **Project ID:** Amtrak Sawtooth Bridges 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1194-02	B-110-SB02	SOIL	Silver	1.15		0.076	0.73	mg/Kg
Q1194-02	B-110-SB02	SOIL	Sodium	649		52.8	146	mg/Kg
Q1194-02	B-110-SB02	SOIL	Thallium	0.67	J	0.64	2.92	mg/Kg
Q1194-02	B-110-SB02	SOIL	Vanadium	24.2		0.40	2.92	mg/Kg
Q1194-02	B-110-SB02	SOIL	Zinc	385		0.16	2.92	mg/Kg
Client ID : B-113-SB01								
Q1194-03	B-113-SB01	SOIL	Aluminum	4370		2.44	5.07	mg/Kg
Q1194-03	B-113-SB01	SOIL	Arsenic	0.86	J	0.29	1.01	mg/Kg
Q1194-03	B-113-SB01	SOIL	Barium	31.0		0.65	5.07	mg/Kg
Q1194-03	B-113-SB01	SOIL	Beryllium	0.41		0.012	0.30	mg/Kg
Q1194-03	B-113-SB01	SOIL	Cadmium	0.13	J	0.016	0.30	mg/Kg
Q1194-03	B-113-SB01	SOIL	Calcium	1170		2.84	101	mg/Kg
Q1194-03	B-113-SB01	SOIL	Chromium	9.71		0.055	0.51	mg/Kg
Q1194-03	B-113-SB01	SOIL	Cobalt	5.67		0.059	1.52	mg/Kg
Q1194-03	B-113-SB01	SOIL	Copper	18.0		0.48	1.01	mg/Kg
Q1194-03	B-113-SB01	SOIL	Iron	6540		2.73	5.07	mg/Kg
Q1194-03	B-113-SB01	SOIL	Lead	4.96		0.15	0.61	mg/Kg
Q1194-03	B-113-SB01	SOIL	Magnesium	2630		3.48	101	mg/Kg
Q1194-03	B-113-SB01	SOIL	Manganese	249		0.072	1.01	mg/Kg
Q1194-03	B-113-SB01	SOIL	Nickel	12.6		0.091	2.03	mg/Kg
Q1194-03	B-113-SB01	SOIL	Potassium	1250		29.1	101	mg/Kg
Q1194-03	B-113-SB01	SOIL	Sodium	213		36.6	101	mg/Kg
Q1194-03	B-113-SB01	SOIL	Vanadium	8.50		0.27	2.03	mg/Kg
Q1194-03	B-113-SB01	SOIL	Zinc	23.9		0.11	2.03	mg/Kg
Client ID : B-113-SB02								
Q1194-04	B-113-SB02	SOIL	Aluminum	10400		3.39	7.03	mg/Kg
Q1194-04	B-113-SB02	SOIL	Arsenic	7.87		0.41	1.41	mg/Kg
Q1194-04	B-113-SB02	SOIL	Barium	28.3		0.90	7.03	mg/Kg
Q1194-04	B-113-SB02	SOIL	Beryllium	0.89		0.017	0.42	mg/Kg
Q1194-04	B-113-SB02	SOIL	Cadmium	0.40	J	0.022	0.42	mg/Kg
Q1194-04	B-113-SB02	SOIL	Calcium	1530		3.93	141	mg/Kg
Q1194-04	B-113-SB02	SOIL	Chromium	24.2		0.076	0.70	mg/Kg
Q1194-04	B-113-SB02	SOIL	Cobalt	12.7		0.081	2.11	mg/Kg
Q1194-04	B-113-SB02	SOIL	Copper	16.0		0.66	1.41	mg/Kg
Q1194-04	B-113-SB02	SOIL	Iron	27100		3.78	7.03	mg/Kg
Q1194-04	B-113-SB02	SOIL	Lead	14.3		0.21	0.84	mg/Kg
Q1194-04	B-113-SB02	SOIL	Magnesium	5000		4.82	141	mg/Kg
Q1194-04	B-113-SB02	SOIL	Manganese	330		0.10	1.41	mg/Kg
Q1194-04	B-113-SB02	SOIL	Mercury	0.033		0.0090	0.019	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: Q1194

Order ID: Q1194

Client: Portal Partners Tri-Venture

Project ID: Amtrak Sawtooth Bridges 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1194-04	B-113-SB02	SOIL	Nickel	26.3		0.13	2.81	mg/Kg
Q1194-04	B-113-SB02	SOIL	Potassium	1980		40.3	141	mg/Kg
Q1194-04	B-113-SB02	SOIL	Silver	0.15	J	0.073	0.70	mg/Kg
Q1194-04	B-113-SB02	SOIL	Sodium	940		50.7	141	mg/Kg
Q1194-04	B-113-SB02	SOIL	Thallium	0.64	J	0.62	2.81	mg/Kg
Q1194-04	B-113-SB02	SOIL	Vanadium	26.2		0.38	2.81	mg/Kg
Q1194-04	B-113-SB02	SOIL	Zinc	62.0		0.16	2.81	mg/Kg

Client ID : EB

Q1194-08	EB	Water	Manganese	21.3		1.46	10.0	ug/L
Q1194-08	EB	Water	Silver	0.72	J	0.58	5.00	ug/L



SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	01/25/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	01/27/25
Client Sample ID:	B-110-SB01	SDG No.:	Q1194
Lab Sample ID:	Q1194-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	88.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5220		1	2.31	4.80	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7440-36-0	Antimony	0.14	U	1	0.14	2.40	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7440-38-2	Arsenic	1.82		1	0.28	0.96	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7440-39-3	Barium	49.5	N	1	0.61	4.80	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7440-41-7	Beryllium	0.55	N	1	0.012	0.29	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7440-43-9	Cadmium	0.24	J*	1	0.015	0.29	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7440-70-2	Calcium	1530		1	2.69	96.0	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7440-47-3	Chromium	14.7	N	1	0.052	0.48	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7440-48-4	Cobalt	5.56		1	0.056	1.44	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7440-50-8	Copper	14.8	N	1	0.45	0.96	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7439-89-6	Iron	9370		1	2.58	4.80	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7439-92-1	Lead	7.05		1	0.14	0.58	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7439-95-4	Magnesium	2350		1	3.29	96.0	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7439-96-5	Manganese	276		1	0.068	0.96	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7439-97-6	Mercury	0.027		1	0.0070	0.015	mg/Kg	01/27/25 13:05	01/27/25 18:30	SW7471B	
7440-02-0	Nickel	12.8		1	0.086	1.92	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7440-09-7	Potassium	867	N	1	27.5	96.0	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7782-49-2	Selenium	0.32	UN	1	0.32	0.96	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7440-22-4	Silver	0.050	U	1	0.050	0.48	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7440-23-5	Sodium	140		1	34.6	96.0	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7440-28-0	Thallium	0.72	J	1	0.42	1.92	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7440-62-2	Vanadium	8.80	N	1	0.26	1.92	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7440-66-6	Zinc	29.6		1	0.11	1.92	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	01/25/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	01/27/25
Client Sample ID:	B-110-SB02	SDG No.:	Q1194
Lab Sample ID:	Q1194-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	57

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	9270		1	3.52	7.31	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7440-36-0	Antimony	0.22	U	1	0.22	3.65	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7440-38-2	Arsenic	77.8		1	0.42	1.46	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7440-39-3	Barium	80.4	N	1	0.94	7.31	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7440-41-7	Beryllium	1.08	N	1	0.018	0.44	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7440-43-9	Cadmium	1.32	*	1	0.023	0.44	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7440-70-2	Calcium	1780		1	4.09	146	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7440-47-3	Chromium	109	N	1	0.079	0.73	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7440-48-4	Cobalt	8.93		1	0.085	2.19	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7440-50-8	Copper	229	N	1	0.69	1.46	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7439-89-6	Iron	17400		1	3.93	7.31	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7439-92-1	Lead	330		1	0.22	0.88	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7439-95-4	Magnesium	3340		1	5.01	146	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7439-96-5	Manganese	165		1	0.10	1.46	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7439-97-6	Mercury	7.52	D	10	0.097	0.22	mg/Kg	01/27/25 13:05	01/27/25 18:52	SW7471B	
7440-02-0	Nickel	28.6		1	0.13	2.92	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7440-09-7	Potassium	1230	N	1	42.0	146	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7782-49-2	Selenium	0.48	UN	1	0.48	1.46	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7440-22-4	Silver	1.15		1	0.076	0.73	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7440-23-5	Sodium	649		1	52.8	146	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7440-28-0	Thallium	0.67	J	1	0.64	2.92	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7440-62-2	Vanadium	24.2	N	1	0.40	2.92	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7440-66-6	Zinc	385		1	0.16	2.92	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	01/25/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	01/27/25
Client Sample ID:	B-113-SB01	SDG No.:	Q1194
Lab Sample ID:	Q1194-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	86.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4370		1	2.44	5.07	mg/Kg	01/28/25 11:30	01/29/25 12:23	SW6010	SW3050
7440-36-0	Antimony	0.15	U	1	0.15	2.53	mg/Kg	01/28/25 11:30	01/29/25 12:23	SW6010	SW3050
7440-38-2	Arsenic	0.86	J	1	0.29	1.01	mg/Kg	01/28/25 11:30	01/29/25 12:23	SW6010	SW3050
7440-39-3	Barium	31.0	N	1	0.65	5.07	mg/Kg	01/28/25 11:30	01/29/25 12:23	SW6010	SW3050
7440-41-7	Beryllium	0.41	N	1	0.012	0.30	mg/Kg	01/28/25 11:30	01/29/25 12:23	SW6010	SW3050
7440-43-9	Cadmium	0.13	J*	1	0.016	0.30	mg/Kg	01/28/25 11:30	01/29/25 12:23	SW6010	SW3050
7440-70-2	Calcium	1170		1	2.84	101	mg/Kg	01/28/25 11:30	01/29/25 12:23	SW6010	SW3050
7440-47-3	Chromium	9.71	N	1	0.055	0.51	mg/Kg	01/28/25 11:30	01/29/25 12:23	SW6010	SW3050
7440-48-4	Cobalt	5.67		1	0.059	1.52	mg/Kg	01/28/25 11:30	01/29/25 12:23	SW6010	SW3050
7440-50-8	Copper	18.0	N	1	0.48	1.01	mg/Kg	01/28/25 11:30	01/29/25 12:23	SW6010	SW3050
7439-89-6	Iron	6540		1	2.73	5.07	mg/Kg	01/28/25 11:30	01/29/25 12:23	SW6010	SW3050
7439-92-1	Lead	4.96		1	0.15	0.61	mg/Kg	01/28/25 11:30	01/29/25 12:23	SW6010	SW3050
7439-95-4	Magnesium	2630		1	3.48	101	mg/Kg	01/28/25 11:30	01/29/25 12:23	SW6010	SW3050
7439-96-5	Manganese	249		1	0.072	1.01	mg/Kg	01/28/25 11:30	01/29/25 12:23	SW6010	SW3050
7439-97-6	Mercury	0.0060	U	1	0.0060	0.014	mg/Kg	01/27/25 13:05	01/27/25 18:35	SW7471B	
7440-02-0	Nickel	12.6		1	0.091	2.03	mg/Kg	01/28/25 11:30	01/29/25 12:23	SW6010	SW3050
7440-09-7	Potassium	1250	N	1	29.1	101	mg/Kg	01/28/25 11:30	01/29/25 12:23	SW6010	SW3050
7782-49-2	Selenium	0.34	UN	1	0.34	1.01	mg/Kg	01/28/25 11:30	01/29/25 12:23	SW6010	SW3050
7440-22-4	Silver	0.053	U	1	0.053	0.51	mg/Kg	01/28/25 11:30	01/29/25 12:23	SW6010	SW3050
7440-23-5	Sodium	213		1	36.6	101	mg/Kg	01/28/25 11:30	01/29/25 12:23	SW6010	SW3050
7440-28-0	Thallium	0.45	U	1	0.45	2.03	mg/Kg	01/28/25 11:30	01/29/25 12:23	SW6010	SW3050
7440-62-2	Vanadium	8.50	N	1	0.27	2.03	mg/Kg	01/28/25 11:30	01/29/25 12:23	SW6010	SW3050
7440-66-6	Zinc	23.9		1	0.11	2.03	mg/Kg	01/28/25 11:30	01/29/25 12:23	SW6010	SW3050

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	01/25/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	01/27/25
Client Sample ID:	B-113-SB02	SDG No.:	Q1194
Lab Sample ID:	Q1194-04	Matrix:	SOIL
Level (low/med):	low	% Solid:	64.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	10400		1	3.39	7.03	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7440-36-0	Antimony	0.21	U	1	0.21	3.51	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7440-38-2	Arsenic	7.87		1	0.41	1.41	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7440-39-3	Barium	28.3	N	1	0.90	7.03	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7440-41-7	Beryllium	0.89	N	1	0.017	0.42	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7440-43-9	Cadmium	0.40	J*	1	0.022	0.42	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7440-70-2	Calcium	1530		1	3.93	141	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7440-47-3	Chromium	24.2	N	1	0.076	0.70	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7440-48-4	Cobalt	12.7		1	0.081	2.11	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7440-50-8	Copper	16.0	N	1	0.66	1.41	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7439-89-6	Iron	27100		1	3.78	7.03	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7439-92-1	Lead	14.3		1	0.21	0.84	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7439-95-4	Magnesium	5000		1	4.82	141	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7439-96-5	Manganese	330		1	0.10	1.41	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7439-97-6	Mercury	0.033		1	0.0090	0.019	mg/Kg	01/27/25 13:05	01/27/25 18:38	SW7471B	
7440-02-0	Nickel	26.3		1	0.13	2.81	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7440-09-7	Potassium	1980	N	1	40.3	141	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7782-49-2	Selenium	0.46	UN	1	0.46	1.41	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7440-22-4	Silver	0.15	J	1	0.073	0.70	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7440-23-5	Sodium	940		1	50.7	141	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7440-28-0	Thallium	0.64	J	1	0.62	2.81	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7440-62-2	Vanadium	26.2	N	1	0.38	2.81	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7440-66-6	Zinc	62.0		1	0.16	2.81	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	01/25/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	01/27/25
Client Sample ID:	EB	SDG No.:	Q1194
Lab Sample ID:	Q1194-08	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	28.3	U	1	28.3	50.0	ug/L	01/27/25 14:15	01/28/25 13:22	SW6010	SW3010
7440-36-0	Antimony	2.06	U	1	2.06	25.0	ug/L	01/27/25 14:15	01/28/25 13:22	SW6010	SW3010
7440-38-2	Arsenic	3.48	U	1	3.48	10.0	ug/L	01/27/25 14:15	01/28/25 13:22	SW6010	SW3010
7440-39-3	Barium	6.28	U	1	6.28	50.0	ug/L	01/27/25 14:15	01/28/25 13:22	SW6010	SW3010
7440-41-7	Beryllium	0.13	U	1	0.13	3.00	ug/L	01/27/25 14:15	01/28/25 13:22	SW6010	SW3010
7440-43-9	Cadmium	0.094	U	1	0.094	3.00	ug/L	01/27/25 14:15	01/28/25 13:22	SW6010	SW3010
7440-70-2	Calcium	33.0	U	1	33.0	1000	ug/L	01/27/25 14:15	01/28/25 13:22	SW6010	SW3010
7440-47-3	Chromium	0.66	U	1	0.66	5.00	ug/L	01/27/25 14:15	01/28/25 13:22	SW6010	SW3010
7440-48-4	Cobalt	0.50	U	1	0.50	15.0	ug/L	01/27/25 14:15	01/28/25 13:22	SW6010	SW3010
7440-50-8	Copper	7.07	U	1	7.07	10.0	ug/L	01/27/25 14:15	01/28/25 13:22	SW6010	SW3010
7439-89-6	Iron	18.5	U	1	18.5	50.0	ug/L	01/27/25 14:15	01/28/25 13:22	SW6010	SW3010
7439-92-1	Lead	3.51	U	1	3.51	6.00	ug/L	01/27/25 14:15	01/28/25 13:22	SW6010	SW3010
7439-95-4	Magnesium	39.4	U	1	39.4	1000	ug/L	01/27/25 14:15	01/28/25 13:22	SW6010	SW3010
7439-96-5	Manganese	21.3	N	1	1.46	10.0	ug/L	01/27/25 14:15	01/28/25 13:22	SW6010	SW3010
7439-97-6	Mercury	0.081	U	1	0.081	0.20	ug/L	01/28/25 09:25	01/28/25 13:41	SW7470A	
7440-02-0	Nickel	0.85	U	1	0.85	20.0	ug/L	01/27/25 14:15	01/28/25 13:22	SW6010	SW3010
7440-09-7	Potassium	685	U	1	685	1000	ug/L	01/27/25 14:15	01/28/25 13:22	SW6010	SW3010
7782-49-2	Selenium	5.88	U	1	5.88	10.0	ug/L	01/27/25 14:15	01/28/25 13:22	SW6010	SW3010
7440-22-4	Silver	0.72	J	1	0.58	5.00	ug/L	01/27/25 14:15	01/28/25 13:22	SW6010	SW3010
7440-23-5	Sodium	237	U	1	237	1000	ug/L	01/27/25 14:15	01/28/25 13:22	SW6010	SW3010
7440-28-0	Thallium	2.32	U	1	2.32	20.0	ug/L	01/27/25 14:15	01/28/25 13:22	SW6010	SW3010
7440-62-2	Vanadium	3.06	U	1	3.06	20.0	ug/L	01/27/25 14:15	01/28/25 13:22	SW6010	SW3010
7440-66-6	Zinc	1.75	U	1	1.75	20.0	ug/L	01/27/25 14:15	01/28/25 13:22	SW6010	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	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

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

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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.:	Q1194			
Contract:	PORT06	Lab Code:	CHEM	Case No.:	Q1194	SAS No.:	Q1194		
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB70	Mercury	0.20	+/-0.20	U	0.20	CV	01/27/2025	17:44	LB134437

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1194
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1194 **SAS No.:** Q1194

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB74	Mercury	0.20	+/-0.20	U	0.20	CV	01/27/2025	17:48	LB134437
CCB75	Mercury	0.20	+/-0.20	U	0.20	CV	01/27/2025	18:19	LB134437
CCB76	Mercury	0.20	+/-0.20	U	0.20	CV	01/27/2025	18:48	LB134437
CCB77	Mercury	0.20	+/-0.20	U	0.20	CV	01/27/2025	18:56	LB134437

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1194
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1194 **SAS No.:** Q1194

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB72	Mercury	0.20	+/-0.20	U	0.20	CV	01/28/2025	12:42	LB134454

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1194
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1194 **SAS No.:** Q1194

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB79	Mercury	0.20	+/-0.20	U	0.20	CV	01/28/2025	12:46	LB134454
CCB80	Mercury	0.20	+/-0.20	U	0.20	CV	01/28/2025	13:14	LB134454
CCB81	Mercury	0.20	+/-0.20	U	0.20	CV	01/28/2025	13:48	LB134454
CCB82	Mercury	0.20	+/-0.20	U	0.20	CV	01/28/2025	14:09	LB134454

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1194
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1194 **SAS No.:** Q1194

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	01/28/2025	12:21	LB134457
	Antimony	50.0	+/-50.0	U	50.0	P	01/28/2025	12:21	LB134457
	Arsenic	20.0	+/-20.0	U	20.0	P	01/28/2025	12:21	LB134457
	Barium	100	+/-100	U	100	P	01/28/2025	12:21	LB134457
	Beryllium	6.00	+/-6.00	U	6.00	P	01/28/2025	12:21	LB134457
	Cadmium	6.00	+/-6.00	U	6.00	P	01/28/2025	12:21	LB134457
	Calcium	2000	+/-2000	U	2000	P	01/28/2025	12:21	LB134457
	Chromium	10.0	+/-10.0	U	10.0	P	01/28/2025	12:21	LB134457
	Cobalt	30.0	+/-30.0	U	30.0	P	01/28/2025	12:21	LB134457
	Copper	20.0	+/-20.0	U	20.0	P	01/28/2025	12:21	LB134457
	Iron	100	+/-100	U	100	P	01/28/2025	12:21	LB134457
	Lead	12.0	+/-12.0	U	12.0	P	01/28/2025	12:21	LB134457
	Magnesium	2000	+/-2000	U	2000	P	01/28/2025	12:21	LB134457
	Manganese	20.0	+/-20.0	U	20.0	P	01/28/2025	12:21	LB134457
	Nickel	40.0	+/-40.0	U	40.0	P	01/28/2025	12:21	LB134457
	Potassium	2000	+/-2000	U	2000	P	01/28/2025	12:21	LB134457
	Selenium	20.0	+/-20.0	U	20.0	P	01/28/2025	12:21	LB134457
	Silver	10.0	+/-10.0	U	10.0	P	01/28/2025	12:21	LB134457
	Sodium	2000	+/-2000	U	2000	P	01/28/2025	12:21	LB134457
	Thallium	40.0	+/-40.0	U	40.0	P	01/28/2025	12:21	LB134457
	Vanadium	40.0	+/-40.0	U	40.0	P	01/28/2025	12:21	LB134457
	Zinc	40.0	+/-40.0	U	40.0	P	01/28/2025	12:21	LB134457

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture		SDG No.: Q1194							
Contract: PORT06	Lab Code: CHEM	Case No.: Q1194	SAS No.: Q1194						
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	01/28/2025	12:43	LB134457
	Antimony	50.0	+/-50.0	U	50.0	P	01/28/2025	12:43	LB134457
	Arsenic	20.0	+/-20.0	U	20.0	P	01/28/2025	12:43	LB134457
	Barium	100	+/-100	U	100	P	01/28/2025	12:43	LB134457
	Beryllium	6.00	+/-6.00	U	6.00	P	01/28/2025	12:43	LB134457
	Cadmium	6.00	+/-6.00	U	6.00	P	01/28/2025	12:43	LB134457
	Calcium	2000	+/-2000	U	2000	P	01/28/2025	12:43	LB134457
	Chromium	10.0	+/-10.0	U	10.0	P	01/28/2025	12:43	LB134457
	Cobalt	30.0	+/-30.0	U	30.0	P	01/28/2025	12:43	LB134457
	Copper	20.0	+/-20.0	U	20.0	P	01/28/2025	12:43	LB134457
	Iron	100	+/-100	U	100	P	01/28/2025	12:43	LB134457
	Lead	12.0	+/-12.0	U	12.0	P	01/28/2025	12:43	LB134457
	Magnesium	2000	+/-2000	U	2000	P	01/28/2025	12:43	LB134457
	Manganese	20.0	+/-20.0	U	20.0	P	01/28/2025	12:43	LB134457
	Nickel	40.0	+/-40.0	U	40.0	P	01/28/2025	12:43	LB134457
	Potassium	2000	+/-2000	U	2000	P	01/28/2025	12:43	LB134457
	Selenium	20.0	+/-20.0	U	20.0	P	01/28/2025	12:43	LB134457
	Silver	10.0	+/-10.0	U	10.0	P	01/28/2025	12:43	LB134457
	Sodium	2000	+/-2000	U	2000	P	01/28/2025	12:43	LB134457
	Thallium	40.0	+/-40.0	U	40.0	P	01/28/2025	12:43	LB134457
	Vanadium	40.0	+/-40.0	U	40.0	P	01/28/2025	12:43	LB134457
	Zinc	40.0	+/-40.0	U	40.0	P	01/28/2025	12:43	LB134457
CCB02	Aluminum	100	+/-100	U	100	P	01/28/2025	13:46	LB134457
	Antimony	50.0	+/-50.0	U	50.0	P	01/28/2025	13:46	LB134457
	Arsenic	20.0	+/-20.0	U	20.0	P	01/28/2025	13:46	LB134457
	Barium	100	+/-100	U	100	P	01/28/2025	13:46	LB134457
	Beryllium	6.00	+/-6.00	U	6.00	P	01/28/2025	13:46	LB134457
	Cadmium	6.00	+/-6.00	U	6.00	P	01/28/2025	13:46	LB134457
	Calcium	2000	+/-2000	U	2000	P	01/28/2025	13:46	LB134457
	Chromium	10.0	+/-10.0	U	10.0	P	01/28/2025	13:46	LB134457
	Cobalt	30.0	+/-30.0	U	30.0	P	01/28/2025	13:46	LB134457
	Copper	20.0	+/-20.0	U	20.0	P	01/28/2025	13:46	LB134457
	Iron	100	+/-100	U	100	P	01/28/2025	13:46	LB134457
	Lead	12.0	+/-12.0	U	12.0	P	01/28/2025	13:46	LB134457
	Magnesium	2000	+/-2000	U	2000	P	01/28/2025	13:46	LB134457
	Manganese	20.0	+/-20.0	U	20.0	P	01/28/2025	13:46	LB134457
	Nickel	40.0	+/-40.0	U	40.0	P	01/28/2025	13:46	LB134457
	Potassium	2000	+/-2000	U	2000	P	01/28/2025	13:46	LB134457
	Selenium	20.0	+/-20.0	U	20.0	P	01/28/2025	13:46	LB134457

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture		SDG No.: Q1194							
Contract: PORT06	Lab Code: CHEM	Case No.: Q1194	SAS No.: Q1194						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.29	+/-10.0	J	10.0	P	01/28/2025	13:46	LB134457
	Sodium	2000	+/-2000	U	2000	P	01/28/2025	13:46	LB134457
	Thallium	40.0	+/-40.0	U	40.0	P	01/28/2025	13:46	LB134457
	Vanadium	40.0	+/-40.0	U	40.0	P	01/28/2025	13:46	LB134457
	Zinc	40.0	+/-40.0	U	40.0	P	01/28/2025	13:46	LB134457
CCB03	Aluminum	100	+/-100	U	100	P	01/28/2025	14:37	LB134457
	Antimony	50.0	+/-50.0	U	50.0	P	01/28/2025	14:37	LB134457
	Arsenic	20.0	+/-20.0	U	20.0	P	01/28/2025	14:37	LB134457
	Barium	100	+/-100	U	100	P	01/28/2025	14:37	LB134457
	Beryllium	6.00	+/-6.00	U	6.00	P	01/28/2025	14:37	LB134457
	Cadmium	6.00	+/-6.00	U	6.00	P	01/28/2025	14:37	LB134457
	Calcium	2000	+/-2000	U	2000	P	01/28/2025	14:37	LB134457
	Chromium	10.0	+/-10.0	U	10.0	P	01/28/2025	14:37	LB134457
	Cobalt	30.0	+/-30.0	U	30.0	P	01/28/2025	14:37	LB134457
	Copper	20.0	+/-20.0	U	20.0	P	01/28/2025	14:37	LB134457
	Iron	100	+/-100	U	100	P	01/28/2025	14:37	LB134457
	Lead	12.0	+/-12.0	U	12.0	P	01/28/2025	14:37	LB134457
	Magnesium	2000	+/-2000	U	2000	P	01/28/2025	14:37	LB134457
	Manganese	20.0	+/-20.0	U	20.0	P	01/28/2025	14:37	LB134457
	Nickel	40.0	+/-40.0	U	40.0	P	01/28/2025	14:37	LB134457
	Potassium	2000	+/-2000	U	2000	P	01/28/2025	14:37	LB134457
	Selenium	20.0	+/-20.0	U	20.0	P	01/28/2025	14:37	LB134457
	Silver	10.0	+/-10.0	U	10.0	P	01/28/2025	14:37	LB134457
	Sodium	2000	+/-2000	U	2000	P	01/28/2025	14:37	LB134457
	Thallium	40.0	+/-40.0	U	40.0	P	01/28/2025	14:37	LB134457
	Vanadium	40.0	+/-40.0	U	40.0	P	01/28/2025	14:37	LB134457
	Zinc	40.0	+/-40.0	U	40.0	P	01/28/2025	14:37	LB134457
CCB04	Aluminum	100	+/-100	U	100	P	01/28/2025	15:36	LB134457
	Antimony	50.0	+/-50.0	U	50.0	P	01/28/2025	15:36	LB134457
	Arsenic	20.0	+/-20.0	U	20.0	P	01/28/2025	15:36	LB134457
	Barium	100	+/-100	U	100	P	01/28/2025	15:36	LB134457
	Beryllium	6.00	+/-6.00	U	6.00	P	01/28/2025	15:36	LB134457
	Cadmium	6.00	+/-6.00	U	6.00	P	01/28/2025	15:36	LB134457
	Calcium	2000	+/-2000	U	2000	P	01/28/2025	15:36	LB134457
	Chromium	10.0	+/-10.0	U	10.0	P	01/28/2025	15:36	LB134457
	Cobalt	30.0	+/-30.0	U	30.0	P	01/28/2025	15:36	LB134457
	Copper	20.0	+/-20.0	U	20.0	P	01/28/2025	15:36	LB134457
	Iron	100	+/-100	U	100	P	01/28/2025	15:36	LB134457
	Lead	12.0	+/-12.0	U	12.0	P	01/28/2025	15:36	LB134457

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1194
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1194 **SAS No.:** Q1194

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	01/28/2025	15:36	LB134457
	Manganese	20.0	+/-20.0	U	20.0	P	01/28/2025	15:36	LB134457
	Nickel	40.0	+/-40.0	U	40.0	P	01/28/2025	15:36	LB134457
	Potassium	2000	+/-2000	U	2000	P	01/28/2025	15:36	LB134457
	Selenium	20.0	+/-20.0	U	20.0	P	01/28/2025	15:36	LB134457
	Silver	1.18	+/-10.0	J	10.0	P	01/28/2025	15:36	LB134457
	Sodium	2000	+/-2000	U	2000	P	01/28/2025	15:36	LB134457
	Thallium	40.0	+/-40.0	U	40.0	P	01/28/2025	15:36	LB134457
	Vanadium	40.0	+/-40.0	U	40.0	P	01/28/2025	15:36	LB134457
	Zinc	40.0	+/-40.0	U	40.0	P	01/28/2025	15:36	LB134457
CCB05	Aluminum	100	+/-100	U	100	P	01/28/2025	15:56	LB134457
	Antimony	50.0	+/-50.0	U	50.0	P	01/28/2025	15:56	LB134457
	Arsenic	20.0	+/-20.0	U	20.0	P	01/28/2025	15:56	LB134457
	Barium	100	+/-100	U	100	P	01/28/2025	15:56	LB134457
	Beryllium	6.00	+/-6.00	U	6.00	P	01/28/2025	15:56	LB134457
	Cadmium	6.00	+/-6.00	U	6.00	P	01/28/2025	15:56	LB134457
	Calcium	2000	+/-2000	U	2000	P	01/28/2025	15:56	LB134457
	Chromium	10.0	+/-10.0	U	10.0	P	01/28/2025	15:56	LB134457
	Cobalt	30.0	+/-30.0	U	30.0	P	01/28/2025	15:56	LB134457
	Copper	20.0	+/-20.0	U	20.0	P	01/28/2025	15:56	LB134457
	Iron	100	+/-100	U	100	P	01/28/2025	15:56	LB134457
	Lead	12.0	+/-12.0	U	12.0	P	01/28/2025	15:56	LB134457
	Magnesium	2000	+/-2000	U	2000	P	01/28/2025	15:56	LB134457
	Manganese	20.0	+/-20.0	U	20.0	P	01/28/2025	15:56	LB134457
	Nickel	40.0	+/-40.0	U	40.0	P	01/28/2025	15:56	LB134457
	Potassium	2000	+/-2000	U	2000	P	01/28/2025	15:56	LB134457
	Selenium	20.0	+/-20.0	U	20.0	P	01/28/2025	15:56	LB134457
	Silver	10.0	+/-10.0	U	10.0	P	01/28/2025	15:56	LB134457
	Sodium	2000	+/-2000	U	2000	P	01/28/2025	15:56	LB134457
	Thallium	40.0	+/-40.0	U	40.0	P	01/28/2025	15:56	LB134457
	Vanadium	40.0	+/-40.0	U	40.0	P	01/28/2025	15:56	LB134457
	Zinc	40.0	+/-40.0	U	40.0	P	01/28/2025	15:56	LB134457

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1194
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1194 **SAS No.:** Q1194

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	01/29/2025	11:37	LB134477
	Antimony	50.0	+/-50.0	U	50.0	P	01/29/2025	11:37	LB134477
	Arsenic	20.0	+/-20.0	U	20.0	P	01/29/2025	11:37	LB134477
	Barium	100	+/-100	U	100	P	01/29/2025	11:37	LB134477
	Beryllium	6.00	+/-6.00	U	6.00	P	01/29/2025	11:37	LB134477
	Cadmium	6.00	+/-6.00	U	6.00	P	01/29/2025	11:37	LB134477
	Calcium	2000	+/-2000	U	2000	P	01/29/2025	11:37	LB134477
	Chromium	10.0	+/-10.0	U	10.0	P	01/29/2025	11:37	LB134477
	Cobalt	30.0	+/-30.0	U	30.0	P	01/29/2025	11:37	LB134477
	Copper	20.0	+/-20.0	U	20.0	P	01/29/2025	11:37	LB134477
	Iron	100	+/-100	U	100	P	01/29/2025	11:37	LB134477
	Lead	12.0	+/-12.0	U	12.0	P	01/29/2025	11:37	LB134477
	Magnesium	2000	+/-2000	U	2000	P	01/29/2025	11:37	LB134477
	Manganese	20.0	+/-20.0	U	20.0	P	01/29/2025	11:37	LB134477
	Nickel	40.0	+/-40.0	U	40.0	P	01/29/2025	11:37	LB134477
	Potassium	2000	+/-2000	U	2000	P	01/29/2025	11:37	LB134477
	Selenium	20.0	+/-20.0	U	20.0	P	01/29/2025	11:37	LB134477
	Silver	10.0	+/-10.0	U	10.0	P	01/29/2025	11:37	LB134477
	Sodium	2000	+/-2000	U	2000	P	01/29/2025	11:37	LB134477
	Thallium	40.0	+/-40.0	U	40.0	P	01/29/2025	11:37	LB134477
	Vanadium	40.0	+/-40.0	U	40.0	P	01/29/2025	11:37	LB134477
	Zinc	40.0	+/-40.0	U	40.0	P	01/29/2025	11:37	LB134477

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1194
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1194 **SAS No.:** Q1194

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	01/29/2025	12:10	LB134477
	Antimony	50.0	+/-50.0	U	50.0	P	01/29/2025	12:10	LB134477
	Arsenic	20.0	+/-20.0	U	20.0	P	01/29/2025	12:10	LB134477
	Barium	100	+/-100	U	100	P	01/29/2025	12:10	LB134477
	Beryllium	6.00	+/-6.00	U	6.00	P	01/29/2025	12:10	LB134477
	Cadmium	6.00	+/-6.00	U	6.00	P	01/29/2025	12:10	LB134477
	Calcium	2000	+/-2000	U	2000	P	01/29/2025	12:10	LB134477
	Chromium	10.0	+/-10.0	U	10.0	P	01/29/2025	12:10	LB134477
	Cobalt	30.0	+/-30.0	U	30.0	P	01/29/2025	12:10	LB134477
	Copper	20.0	+/-20.0	U	20.0	P	01/29/2025	12:10	LB134477
	Iron	100	+/-100	U	100	P	01/29/2025	12:10	LB134477
	Lead	12.0	+/-12.0	U	12.0	P	01/29/2025	12:10	LB134477
	Magnesium	2000	+/-2000	U	2000	P	01/29/2025	12:10	LB134477
	Manganese	20.0	+/-20.0	U	20.0	P	01/29/2025	12:10	LB134477
	Nickel	40.0	+/-40.0	U	40.0	P	01/29/2025	12:10	LB134477
	Potassium	2000	+/-2000	U	2000	P	01/29/2025	12:10	LB134477
	Selenium	20.0	+/-20.0	U	20.0	P	01/29/2025	12:10	LB134477
	Silver	10.0	+/-10.0	U	10.0	P	01/29/2025	12:10	LB134477
	Sodium	2000	+/-2000	U	2000	P	01/29/2025	12:10	LB134477
	Thallium	40.0	+/-40.0	U	40.0	P	01/29/2025	12:10	LB134477
CCB02	Vanadium	40.0	+/-40.0	U	40.0	P	01/29/2025	12:10	LB134477
	Zinc	40.0	+/-40.0	U	40.0	P	01/29/2025	12:10	LB134477
	Aluminum	100	+/-100	U	100	P	01/29/2025	13:16	LB134477
	Antimony	50.0	+/-50.0	U	50.0	P	01/29/2025	13:16	LB134477
	Arsenic	20.0	+/-20.0	U	20.0	P	01/29/2025	13:16	LB134477
	Barium	100	+/-100	U	100	P	01/29/2025	13:16	LB134477
	Beryllium	6.00	+/-6.00	U	6.00	P	01/29/2025	13:16	LB134477
	Cadmium	6.00	+/-6.00	U	6.00	P	01/29/2025	13:16	LB134477
	Calcium	2000	+/-2000	U	2000	P	01/29/2025	13:16	LB134477
	Chromium	10.0	+/-10.0	U	10.0	P	01/29/2025	13:16	LB134477
	Cobalt	30.0	+/-30.0	U	30.0	P	01/29/2025	13:16	LB134477
	Copper	20.0	+/-20.0	U	20.0	P	01/29/2025	13:16	LB134477
	Iron	100	+/-100	U	100	P	01/29/2025	13:16	LB134477
	Lead	12.0	+/-12.0	U	12.0	P	01/29/2025	13:16	LB134477
	Magnesium	2000	+/-2000	U	2000	P	01/29/2025	13:16	LB134477
	Manganese	20.0	+/-20.0	U	20.0	P	01/29/2025	13:16	LB134477
	Nickel	40.0	+/-40.0	U	40.0	P	01/29/2025	13:16	LB134477
	Potassium	2000	+/-2000	U	2000	P	01/29/2025	13:16	LB134477
	Selenium	20.0	+/-20.0	U	20.0	P	01/29/2025	13:16	LB134477

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture SDG No.: Q1194
Contract: PORT06 Lab Code: CHEM Case No.: Q1194 SAS No.: Q1194

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	01/29/2025	13:16	LB134477
	Sodium	2000	+/-2000	U	2000	P	01/29/2025	13:16	LB134477
	Thallium	40.0	+/-40.0	U	40.0	P	01/29/2025	13:16	LB134477
	Vanadium	40.0	+/-40.0	U	40.0	P	01/29/2025	13:16	LB134477
	Zinc	40.0	+/-40.0	U	40.0	P	01/29/2025	13:16	LB134477
CCB03	Aluminum	100	+/-100	U	100	P	01/29/2025	14:06	LB134477
	Antimony	50.0	+/-50.0	U	50.0	P	01/29/2025	14:06	LB134477
	Arsenic	20.0	+/-20.0	U	20.0	P	01/29/2025	14:06	LB134477
	Barium	100	+/-100	U	100	P	01/29/2025	14:06	LB134477
	Beryllium	6.00	+/-6.00	U	6.00	P	01/29/2025	14:06	LB134477
	Cadmium	0.19	+/-6.00	J	6.00	P	01/29/2025	14:06	LB134477
	Calcium	2000	+/-2000	U	2000	P	01/29/2025	14:06	LB134477
	Chromium	10.0	+/-10.0	U	10.0	P	01/29/2025	14:06	LB134477
	Cobalt	30.0	+/-30.0	U	30.0	P	01/29/2025	14:06	LB134477
	Copper	20.0	+/-20.0	U	20.0	P	01/29/2025	14:06	LB134477
	Iron	100	+/-100	U	100	P	01/29/2025	14:06	LB134477
	Lead	12.0	+/-12.0	U	12.0	P	01/29/2025	14:06	LB134477
	Magnesium	2000	+/-2000	U	2000	P	01/29/2025	14:06	LB134477
	Manganese	20.0	+/-20.0	U	20.0	P	01/29/2025	14:06	LB134477
	Nickel	40.0	+/-40.0	U	40.0	P	01/29/2025	14:06	LB134477
	Potassium	2000	+/-2000	U	2000	P	01/29/2025	14:06	LB134477
	Selenium	20.0	+/-20.0	U	20.0	P	01/29/2025	14:06	LB134477
	Silver	10.0	+/-10.0	U	10.0	P	01/29/2025	14:06	LB134477
	Sodium	2000	+/-2000	U	2000	P	01/29/2025	14:06	LB134477
	Thallium	40.0	+/-40.0	U	40.0	P	01/29/2025	14:06	LB134477
	Vanadium	40.0	+/-40.0	U	40.0	P	01/29/2025	14:06	LB134477
	Zinc	40.0	+/-40.0	U	40.0	P	01/29/2025	14:06	LB134477
CCB04	Aluminum	100	+/-100	U	100	P	01/29/2025	14:28	LB134477
	Antimony	50.0	+/-50.0	U	50.0	P	01/29/2025	14:28	LB134477
	Arsenic	20.0	+/-20.0	U	20.0	P	01/29/2025	14:28	LB134477
	Barium	100	+/-100	U	100	P	01/29/2025	14:28	LB134477
	Beryllium	6.00	+/-6.00	U	6.00	P	01/29/2025	14:28	LB134477
	Cadmium	6.00	+/-6.00	U	6.00	P	01/29/2025	14:28	LB134477
	Calcium	2000	+/-2000	U	2000	P	01/29/2025	14:28	LB134477
	Chromium	10.0	+/-10.0	U	10.0	P	01/29/2025	14:28	LB134477
	Cobalt	30.0	+/-30.0	U	30.0	P	01/29/2025	14:28	LB134477
	Copper	20.0	+/-20.0	U	20.0	P	01/29/2025	14:28	LB134477
	Iron	100	+/-100	U	100	P	01/29/2025	14:28	LB134477
	Lead	12.0	+/-12.0	U	12.0	P	01/29/2025	14:28	LB134477

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1194
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1194 **SAS No.:** Q1194

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	01/29/2025	14:28	LB134477
	Manganese	20.0	+/-20.0	U	20.0	P	01/29/2025	14:28	LB134477
	Nickel	40.0	+/-40.0	U	40.0	P	01/29/2025	14:28	LB134477
	Potassium	2000	+/-2000	U	2000	P	01/29/2025	14:28	LB134477
	Selenium	20.0	+/-20.0	U	20.0	P	01/29/2025	14:28	LB134477
	Silver	10.0	+/-10.0	U	10.0	P	01/29/2025	14:28	LB134477
	Sodium	2000	+/-2000	U	2000	P	01/29/2025	14:28	LB134477
	Thallium	40.0	+/-40.0	U	40.0	P	01/29/2025	14:28	LB134477
	Vanadium	40.0	+/-40.0	U	40.0	P	01/29/2025	14:28	LB134477
	Zinc	40.0	+/-40.0	U	40.0	P	01/29/2025	14:28	LB134477

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1194
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1194 **SAS No.:** Q1194

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	01/30/2025	12:00	LB134493
	Antimony	50.0	+/-50.0	U	50.0	P	01/30/2025	12:00	LB134493
	Arsenic	20.0	+/-20.0	U	20.0	P	01/30/2025	12:00	LB134493
	Barium	100	+/-100	U	100	P	01/30/2025	12:00	LB134493
	Beryllium	6.00	+/-6.00	U	6.00	P	01/30/2025	12:00	LB134493
	Cadmium	6.00	+/-6.00	U	6.00	P	01/30/2025	12:00	LB134493
	Calcium	2000	+/-2000	U	2000	P	01/30/2025	12:00	LB134493
	Chromium	10.0	+/-10.0	U	10.0	P	01/30/2025	12:00	LB134493
	Cobalt	30.0	+/-30.0	U	30.0	P	01/30/2025	12:00	LB134493
	Copper	20.0	+/-20.0	U	20.0	P	01/30/2025	12:00	LB134493
	Iron	100	+/-100	U	100	P	01/30/2025	12:00	LB134493
	Lead	12.0	+/-12.0	U	12.0	P	01/30/2025	12:00	LB134493
	Magnesium	2000	+/-2000	U	2000	P	01/30/2025	12:00	LB134493
	Manganese	20.0	+/-20.0	U	20.0	P	01/30/2025	12:00	LB134493
	Nickel	40.0	+/-40.0	U	40.0	P	01/30/2025	12:00	LB134493
	Potassium	2000	+/-2000	U	2000	P	01/30/2025	12:00	LB134493
	Selenium	20.0	+/-20.0	U	20.0	P	01/30/2025	12:00	LB134493
	Silver	10.0	+/-10.0	U	10.0	P	01/30/2025	12:00	LB134493
	Sodium	2000	+/-2000	U	2000	P	01/30/2025	12:00	LB134493
	Thallium	40.0	+/-40.0	U	40.0	P	01/30/2025	12:00	LB134493
	Vanadium	40.0	+/-40.0	U	40.0	P	01/30/2025	12:00	LB134493
	Zinc	40.0	+/-40.0	U	40.0	P	01/30/2025	12:00	LB134493

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture		SDG No.: Q1194							
Contract: PORT06	Lab Code: CHEM	Case No.: Q1194	SAS No.: Q1194						
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	01/30/2025	12:47	LB134493
	Antimony	50.0	+/-50.0	U	50.0	P	01/30/2025	12:47	LB134493
	Arsenic	20.0	+/-20.0	U	20.0	P	01/30/2025	12:47	LB134493
	Barium	100	+/-100	U	100	P	01/30/2025	12:47	LB134493
	Beryllium	6.00	+/-6.00	U	6.00	P	01/30/2025	12:47	LB134493
	Cadmium	6.00	+/-6.00	U	6.00	P	01/30/2025	12:47	LB134493
	Calcium	2000	+/-2000	U	2000	P	01/30/2025	12:47	LB134493
	Chromium	10.0	+/-10.0	U	10.0	P	01/30/2025	12:47	LB134493
	Cobalt	30.0	+/-30.0	U	30.0	P	01/30/2025	12:47	LB134493
	Copper	20.0	+/-20.0	U	20.0	P	01/30/2025	12:47	LB134493
	Iron	100	+/-100	U	100	P	01/30/2025	12:47	LB134493
	Lead	12.0	+/-12.0	U	12.0	P	01/30/2025	12:47	LB134493
	Magnesium	2000	+/-2000	U	2000	P	01/30/2025	12:47	LB134493
	Manganese	20.0	+/-20.0	U	20.0	P	01/30/2025	12:47	LB134493
	Nickel	40.0	+/-40.0	U	40.0	P	01/30/2025	12:47	LB134493
	Potassium	2000	+/-2000	U	2000	P	01/30/2025	12:47	LB134493
	Selenium	20.0	+/-20.0	U	20.0	P	01/30/2025	12:47	LB134493
	Silver	10.0	+/-10.0	U	10.0	P	01/30/2025	12:47	LB134493
	Sodium	2000	+/-2000	U	2000	P	01/30/2025	12:47	LB134493
	Thallium	40.0	+/-40.0	U	40.0	P	01/30/2025	12:47	LB134493
	Vanadium	40.0	+/-40.0	U	40.0	P	01/30/2025	12:47	LB134493
	Zinc	40.0	+/-40.0	U	40.0	P	01/30/2025	12:47	LB134493
CCB02	Aluminum	100	+/-100	U	100	P	01/30/2025	13:37	LB134493
	Antimony	50.0	+/-50.0	U	50.0	P	01/30/2025	13:37	LB134493
	Arsenic	20.0	+/-20.0	U	20.0	P	01/30/2025	13:37	LB134493
	Barium	100	+/-100	U	100	P	01/30/2025	13:37	LB134493
	Beryllium	6.00	+/-6.00	U	6.00	P	01/30/2025	13:37	LB134493
	Cadmium	6.00	+/-6.00	U	6.00	P	01/30/2025	13:37	LB134493
	Calcium	2000	+/-2000	U	2000	P	01/30/2025	13:37	LB134493
	Chromium	10.0	+/-10.0	U	10.0	P	01/30/2025	13:37	LB134493
	Cobalt	30.0	+/-30.0	U	30.0	P	01/30/2025	13:37	LB134493
	Copper	20.0	+/-20.0	U	20.0	P	01/30/2025	13:37	LB134493
	Iron	100	+/-100	U	100	P	01/30/2025	13:37	LB134493
	Lead	12.0	+/-12.0	U	12.0	P	01/30/2025	13:37	LB134493
	Magnesium	2000	+/-2000	U	2000	P	01/30/2025	13:37	LB134493
	Manganese	20.0	+/-20.0	U	20.0	P	01/30/2025	13:37	LB134493
	Nickel	40.0	+/-40.0	U	40.0	P	01/30/2025	13:37	LB134493
	Potassium	2000	+/-2000	U	2000	P	01/30/2025	13:37	LB134493
	Selenium	20.0	+/-20.0	U	20.0	P	01/30/2025	13:37	LB134493

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture		SDG No.: Q1194							
Contract: PORT06	Lab Code: CHEM	Case No.: Q1194	SAS No.: Q1194						
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	01/30/2025	13:37	LB134493
	Sodium	2000	+/-2000	U	2000	P	01/30/2025	13:37	LB134493
	Thallium	40.0	+/-40.0	U	40.0	P	01/30/2025	13:37	LB134493
	Vanadium	40.0	+/-40.0	U	40.0	P	01/30/2025	13:37	LB134493
	Zinc	40.0	+/-40.0	U	40.0	P	01/30/2025	13:37	LB134493
CCB03	Aluminum	100	+/-100	U	100	P	01/30/2025	14:38	LB134493
	Antimony	50.0	+/-50.0	U	50.0	P	01/30/2025	14:38	LB134493
	Arsenic	20.0	+/-20.0	U	20.0	P	01/30/2025	14:38	LB134493
	Barium	100	+/-100	U	100	P	01/30/2025	14:38	LB134493
	Beryllium	6.00	+/-6.00	U	6.00	P	01/30/2025	14:38	LB134493
	Cadmium	6.00	+/-6.00	U	6.00	P	01/30/2025	14:38	LB134493
	Calcium	2000	+/-2000	U	2000	P	01/30/2025	14:38	LB134493
	Chromium	10.0	+/-10.0	U	10.0	P	01/30/2025	14:38	LB134493
	Cobalt	30.0	+/-30.0	U	30.0	P	01/30/2025	14:38	LB134493
	Copper	20.0	+/-20.0	U	20.0	P	01/30/2025	14:38	LB134493
	Iron	100	+/-100	U	100	P	01/30/2025	14:38	LB134493
	Lead	12.0	+/-12.0	U	12.0	P	01/30/2025	14:38	LB134493
	Magnesium	2000	+/-2000	U	2000	P	01/30/2025	14:38	LB134493
	Manganese	20.0	+/-20.0	U	20.0	P	01/30/2025	14:38	LB134493
	Nickel	40.0	+/-40.0	U	40.0	P	01/30/2025	14:38	LB134493
	Potassium	2000	+/-2000	U	2000	P	01/30/2025	14:38	LB134493
	Selenium	20.0	+/-20.0	U	20.0	P	01/30/2025	14:38	LB134493
	Silver	10.0	+/-10.0	U	10.0	P	01/30/2025	14:38	LB134493
	Sodium	2000	+/-2000	U	2000	P	01/30/2025	14:38	LB134493
	Thallium	40.0	+/-40.0	U	40.0	P	01/30/2025	14:38	LB134493
	Vanadium	40.0	+/-40.0	U	40.0	P	01/30/2025	14:38	LB134493
	Zinc	40.0	+/-40.0	U	40.0	P	01/30/2025	14:38	LB134493
CCB04	Aluminum	100	+/-100	U	100	P	01/30/2025	15:29	LB134493
	Antimony	50.0	+/-50.0	U	50.0	P	01/30/2025	15:29	LB134493
	Arsenic	20.0	+/-20.0	U	20.0	P	01/30/2025	15:29	LB134493
	Barium	100	+/-100	U	100	P	01/30/2025	15:29	LB134493
	Beryllium	6.00	+/-6.00	U	6.00	P	01/30/2025	15:29	LB134493
	Cadmium	6.00	+/-6.00	U	6.00	P	01/30/2025	15:29	LB134493
	Calcium	2000	+/-2000	U	2000	P	01/30/2025	15:29	LB134493
	Chromium	10.0	+/-10.0	U	10.0	P	01/30/2025	15:29	LB134493
	Cobalt	30.0	+/-30.0	U	30.0	P	01/30/2025	15:29	LB134493
	Copper	20.0	+/-20.0	U	20.0	P	01/30/2025	15:29	LB134493
	Iron	100	+/-100	U	100	P	01/30/2025	15:29	LB134493
	Lead	12.0	+/-12.0	U	12.0	P	01/30/2025	15:29	LB134493

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture		SDG No.: Q1194							
Contract: PORT06	Lab Code: CHEM	Case No.: Q1194	SAS No.: Q1194						
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	01/30/2025	15:29	LB134493
	Manganese	20.0	+/-20.0	U	20.0	P	01/30/2025	15:29	LB134493
	Nickel	40.0	+/-40.0	U	40.0	P	01/30/2025	15:29	LB134493
	Potassium	2000	+/-2000	U	2000	P	01/30/2025	15:29	LB134493
	Selenium	20.0	+/-20.0	U	20.0	P	01/30/2025	15:29	LB134493
	Silver	10.0	+/-10.0	U	10.0	P	01/30/2025	15:29	LB134493
	Sodium	2000	+/-2000	U	2000	P	01/30/2025	15:29	LB134493
	Thallium	40.0	+/-40.0	U	40.0	P	01/30/2025	15:29	LB134493
	Vanadium	40.0	+/-40.0	U	40.0	P	01/30/2025	15:29	LB134493
	Zinc	40.0	+/-40.0	U	40.0	P	01/30/2025	15:29	LB134493
CCB05	Aluminum	100	+/-100	U	100	P	01/30/2025	16:28	LB134493
	Antimony	50.0	+/-50.0	U	50.0	P	01/30/2025	16:28	LB134493
	Arsenic	20.0	+/-20.0	U	20.0	P	01/30/2025	16:28	LB134493
	Barium	100	+/-100	U	100	P	01/30/2025	16:28	LB134493
	Beryllium	6.00	+/-6.00	U	6.00	P	01/30/2025	16:28	LB134493
	Cadmium	6.00	+/-6.00	U	6.00	P	01/30/2025	16:28	LB134493
	Calcium	2000	+/-2000	U	2000	P	01/30/2025	16:28	LB134493
	Chromium	10.0	+/-10.0	U	10.0	P	01/30/2025	16:28	LB134493
	Cobalt	30.0	+/-30.0	U	30.0	P	01/30/2025	16:28	LB134493
	Copper	20.0	+/-20.0	U	20.0	P	01/30/2025	16:28	LB134493
	Iron	100	+/-100	U	100	P	01/30/2025	16:28	LB134493
	Lead	12.0	+/-12.0	U	12.0	P	01/30/2025	16:28	LB134493
	Magnesium	2000	+/-2000	U	2000	P	01/30/2025	16:28	LB134493
	Manganese	20.0	+/-20.0	U	20.0	P	01/30/2025	16:28	LB134493
	Nickel	40.0	+/-40.0	U	40.0	P	01/30/2025	16:28	LB134493
	Potassium	2000	+/-2000	U	2000	P	01/30/2025	16:28	LB134493
	Selenium	20.0	+/-20.0	U	20.0	P	01/30/2025	16:28	LB134493
	Silver	10.0	+/-10.0	U	10.0	P	01/30/2025	16:28	LB134493
	Sodium	2000	+/-2000	U	2000	P	01/30/2025	16:28	LB134493
	Thallium	40.0	+/-40.0	U	40.0	P	01/30/2025	16:28	LB134493
CCB06	Vanadium	40.0	+/-40.0	U	40.0	P	01/30/2025	16:28	LB134493
	Zinc	40.0	+/-40.0	U	40.0	P	01/30/2025	16:28	LB134493
	Aluminum	100	+/-100	U	100	P	01/30/2025	17:24	LB134493
	Antimony	50.0	+/-50.0	U	50.0	P	01/30/2025	17:24	LB134493
	Arsenic	20.0	+/-20.0	U	20.0	P	01/30/2025	17:24	LB134493
	Barium	100	+/-100	U	100	P	01/30/2025	17:24	LB134493
	Beryllium	6.00	+/-6.00	U	6.00	P	01/30/2025	17:24	LB134493
	Cadmium	6.00	+/-6.00	U	6.00	P	01/30/2025	17:24	LB134493
	Calcium	2000	+/-2000	U	2000	P	01/30/2025	17:24	LB134493

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture		SDG No.: Q1194							
Contract: PORT06	Lab Code: CHEM	Case No.: Q1194	SAS No.: Q1194						
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	01/30/2025	17:24	LB134493
	Cobalt	30.0	+/-30.0	U	30.0	P	01/30/2025	17:24	LB134493
	Copper	20.0	+/-20.0	U	20.0	P	01/30/2025	17:24	LB134493
	Iron	100	+/-100	U	100	P	01/30/2025	17:24	LB134493
	Lead	12.0	+/-12.0	U	12.0	P	01/30/2025	17:24	LB134493
	Magnesium	2000	+/-2000	U	2000	P	01/30/2025	17:24	LB134493
	Manganese	20.0	+/-20.0	U	20.0	P	01/30/2025	17:24	LB134493
	Nickel	40.0	+/-40.0	U	40.0	P	01/30/2025	17:24	LB134493
	Potassium	2000	+/-2000	U	2000	P	01/30/2025	17:24	LB134493
	Selenium	20.0	+/-20.0	U	20.0	P	01/30/2025	17:24	LB134493
	Silver	10.0	+/-10.0	U	10.0	P	01/30/2025	17:24	LB134493
	Sodium	2000	+/-2000	U	2000	P	01/30/2025	17:24	LB134493
	Thallium	40.0	+/-40.0	U	40.0	P	01/30/2025	17:24	LB134493
	Vanadium	40.0	+/-40.0	U	40.0	P	01/30/2025	17:24	LB134493
	Zinc	40.0	+/-40.0	U	40.0	P	01/30/2025	17:24	LB134493
CCB07	Aluminum	100	+/-100	U	100	P	01/30/2025	18:15	LB134493
	Antimony	50.0	+/-50.0	U	50.0	P	01/30/2025	18:15	LB134493
	Arsenic	20.0	+/-20.0	U	20.0	P	01/30/2025	18:15	LB134493
	Barium	100	+/-100	U	100	P	01/30/2025	18:15	LB134493
	Beryllium	6.00	+/-6.00	U	6.00	P	01/30/2025	18:15	LB134493
	Cadmium	6.00	+/-6.00	U	6.00	P	01/30/2025	18:15	LB134493
	Calcium	2000	+/-2000	U	2000	P	01/30/2025	18:15	LB134493
	Chromium	10.0	+/-10.0	U	10.0	P	01/30/2025	18:15	LB134493
	Cobalt	30.0	+/-30.0	U	30.0	P	01/30/2025	18:15	LB134493
	Copper	20.0	+/-20.0	U	20.0	P	01/30/2025	18:15	LB134493
	Iron	100	+/-100	U	100	P	01/30/2025	18:15	LB134493
	Lead	12.0	+/-12.0	U	12.0	P	01/30/2025	18:15	LB134493
	Magnesium	2000	+/-2000	U	2000	P	01/30/2025	18:15	LB134493
	Manganese	20.0	+/-20.0	U	20.0	P	01/30/2025	18:15	LB134493
	Nickel	40.0	+/-40.0	U	40.0	P	01/30/2025	18:15	LB134493
	Potassium	2000	+/-2000	U	2000	P	01/30/2025	18:15	LB134493
	Selenium	20.0	+/-20.0	U	20.0	P	01/30/2025	18:15	LB134493
	Silver	10.0	+/-10.0	U	10.0	P	01/30/2025	18:15	LB134493
	Sodium	2000	+/-2000	U	2000	P	01/30/2025	18:15	LB134493
	Thallium	40.0	+/-40.0	U	40.0	P	01/30/2025	18:15	LB134493
	Vanadium	40.0	+/-40.0	U	40.0	P	01/30/2025	18:15	LB134493
	Zinc	40.0	+/-40.0	U	40.0	P	01/30/2025	18:15	LB134493
CCB08	Aluminum	100	+/-100	U	100	P	01/30/2025	18:51	LB134493
	Antimony	50.0	+/-50.0	U	50.0	P	01/30/2025	18:51	LB134493

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1194
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1194 **SAS No.:** Q1194

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	01/30/2025	18:51	LB134493
	Barium	100	+/-100	U	100	P	01/30/2025	18:51	LB134493
	Beryllium	6.00	+/-6.00	U	6.00	P	01/30/2025	18:51	LB134493
	Cadmium	6.00	+/-6.00	U	6.00	P	01/30/2025	18:51	LB134493
	Calcium	2000	+/-2000	U	2000	P	01/30/2025	18:51	LB134493
	Chromium	10.0	+/-10.0	U	10.0	P	01/30/2025	18:51	LB134493
	Cobalt	30.0	+/-30.0	U	30.0	P	01/30/2025	18:51	LB134493
	Copper	20.0	+/-20.0	U	20.0	P	01/30/2025	18:51	LB134493
	Iron	100	+/-100	U	100	P	01/30/2025	18:51	LB134493
	Lead	12.0	+/-12.0	U	12.0	P	01/30/2025	18:51	LB134493
	Magnesium	2000	+/-2000	U	2000	P	01/30/2025	18:51	LB134493
	Manganese	20.0	+/-20.0	U	20.0	P	01/30/2025	18:51	LB134493
	Nickel	40.0	+/-40.0	U	40.0	P	01/30/2025	18:51	LB134493
	Potassium	2000	+/-2000	U	2000	P	01/30/2025	18:51	LB134493
	Selenium	20.0	+/-20.0	U	20.0	P	01/30/2025	18:51	LB134493
	Silver	10.0	+/-10.0	U	10.0	P	01/30/2025	18:51	LB134493
	Sodium	2000	+/-2000	U	2000	P	01/30/2025	18:51	LB134493
	Thallium	40.0	+/-40.0	U	40.0	P	01/30/2025	18:51	LB134493
	Vanadium	40.0	+/-40.0	U	40.0	P	01/30/2025	18:51	LB134493
	Zinc	40.0	+/-40.0	U	40.0	P	01/30/2025	18:51	LB134493

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Portal Partners Tri-Venture

SDG No.: Q1194

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB166289BL		SOLID		Batch Number:	PB166289		Prep Date:	01/27/2025	
	Mercury	0.012	<0.012	U	0.012	CV	01/27/2025	17:58	LB134437
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB166291BL		WATER		Batch Number:	PB166291		Prep Date:	01/28/2025	
	Mercury	0.20	<0.20	U	0.20	CV	01/28/2025	13:23	LB134454

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Portal Partners Tri-Venture

SDG No.: Q1194

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB166283BL	WATER			Batch Number:	PB166283		Prep Date:	01/27/2025	
	Aluminum	50.0	<50.0	U	50.0	P	01/28/2025	14:03	LB134457
	Antimony	25.0	<25.0	U	25.0	P	01/28/2025	14:03	LB134457
	Arsenic	10.0	<10.0	U	10.0	P	01/28/2025	14:03	LB134457
	Barium	50.0	<50.0	U	50.0	P	01/28/2025	14:03	LB134457
	Beryllium	3.00	<3.00	U	3.00	P	01/28/2025	14:03	LB134457
	Cadmium	3.00	<3.00	U	3.00	P	01/28/2025	14:03	LB134457
	Calcium	1000	<1000	U	1000	P	01/28/2025	14:03	LB134457
	Chromium	5.00	<5.00	U	5.00	P	01/28/2025	14:03	LB134457
	Cobalt	15.0	<15.0	U	15.0	P	01/28/2025	14:03	LB134457
	Copper	10.0	<10.0	U	10.0	P	01/28/2025	14:03	LB134457
	Iron	50.0	<50.0	U	50.0	P	01/28/2025	14:03	LB134457
	Lead	6.00	<6.00	U	6.00	P	01/28/2025	14:03	LB134457
	Magnesium	1000	<1000	U	1000	P	01/28/2025	14:03	LB134457
	Manganese	10.0	<10.0	U	10.0	P	01/28/2025	14:03	LB134457
	Nickel	20.0	<20.0	U	20.0	P	01/28/2025	14:03	LB134457
	Potassium	1000	<1000	U	1000	P	01/28/2025	14:03	LB134457
	Selenium	10.0	<10.0	U	10.0	P	01/28/2025	14:03	LB134457
	Silver	5.00	<5.00	U	5.00	P	01/28/2025	14:03	LB134457
	Sodium	1000	<1000	U	1000	P	01/28/2025	14:03	LB134457
	Thallium	20.0	<20.0	U	20.0	P	01/28/2025	14:03	LB134457
	Vanadium	20.0	<20.0	U	20.0	P	01/28/2025	14:03	LB134457
	Zinc	20.0	<20.0	U	20.0	P	01/28/2025	14:03	LB134457
Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB166298BL	SOLID			Batch Number:	PB166298		Prep Date:	01/28/2025	
	Aluminum	4.31	<4.31	U	4.31	P	01/29/2025	13:01	LB134477
	Antimony	2.16	<2.16	U	2.16	P	01/29/2025	13:01	LB134477
	Arsenic	0.86	<0.86	U	0.86	P	01/29/2025	13:01	LB134477
	Barium	4.31	<4.31	U	4.31	P	01/29/2025	13:01	LB134477
	Beryllium	0.26	<0.26	U	0.26	P	01/29/2025	13:01	LB134477
	Cadmium	0.26	<0.26	U	0.26	P	01/29/2025	13:01	LB134477
	Calcium	86.2	<86.2	U	86.2	P	01/29/2025	13:01	LB134477
	Chromium	0.43	<0.43	U	0.43	P	01/29/2025	13:01	LB134477
	Cobalt	1.29	<1.29	U	1.29	P	01/29/2025	13:01	LB134477
	Copper	0.86	<0.86	U	0.86	P	01/29/2025	13:01	LB134477
	Iron	4.31	<4.31	U	4.31	P	01/29/2025	13:01	LB134477
	Lead	0.52	<0.52	U	0.52	P	01/29/2025	13:01	LB134477
	Magnesium	86.2	<86.2	U	86.2	P	01/29/2025	13:01	LB134477
	Manganese	0.86	<0.86	U	0.86	P	01/29/2025	13:01	LB134477
	Nickel	1.72	<1.72	U	1.72	P	01/29/2025	13:01	LB134477

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Portal Partners Tri-Venture

SDG No.: Q1194

Instrument: P4

Potassium	86.2	<86.2	U	86.2	P	01/29/2025	13:01	LB134477
Selenium	0.86	<0.86	U	0.86	P	01/29/2025	13:01	LB134477
Silver	0.43	<0.43	U	0.43	P	01/29/2025	13:01	LB134477
Sodium	86.2	<86.2	U	86.2	P	01/29/2025	13:01	LB134477
Thallium	1.72	<1.72	U	1.72	P	01/29/2025	13:01	LB134477
Vanadium	1.72	<1.72	U	1.72	P	01/29/2025	13:01	LB134477
Zinc	1.72	<1.72	U	1.72	P	01/29/2025	13:01	LB134477



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q1194
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1194 **SAS No.:** Q1194
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
ICV70	Mercury	3.89	4.0	97	90 - 110	CV	01/27/2025	17:42	LB134437

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q1194
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1194 **SAS No.:** Q1194
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
CCV74	Mercury	5.23	5.0	104	90 - 110	CV	01/27/2025	17:46	LB134437
CCV75	Mercury	5.14	5.0	103	90 - 110	CV	01/27/2025	18:17	LB134437
CCV76	Mercury	5.14	5.0	103	90 - 110	CV	01/27/2025	18:46	LB134437
CCV77	Mercury	5.24	5.0	105	90 - 110	CV	01/27/2025	18:54	LB134437

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q1194
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1194 **SAS No.:** Q1194
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
ICV72	Mercury	3.93	4.0	98	90 - 110	CV	01/28/2025	12:39	LB134454

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q1194
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1194 **SAS No.:** Q1194
Initial Calibration Source: EPA
Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV79	Mercury	5.00	5.0	100	90 - 110	CV	01/28/2025	12:44	LB134454
CCV80	Mercury	5.08	5.0	102	90 - 110	CV	01/28/2025	13:11	LB134454
CCV81	Mercury	5.13	5.0	103	90 - 110	CV	01/28/2025	13:46	LB134454
CCV82	Mercury	4.85	5.0	97	90 - 110	CV	01/28/2025	14:07	LB134454

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q1194
 Contract: PORT06 Lab Code: CHEM Case No.: Q1194 SAS No.: Q1194
 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	2360	2500	94	90 - 110	P	01/28/2025	12:03	LB134457
	Antimony	993	1000	99	90 - 110	P	01/28/2025	12:03	LB134457
	Arsenic	990	1000	99	90 - 110	P	01/28/2025	12:03	LB134457
	Barium	470	520	90	90 - 110	P	01/28/2025	12:03	LB134457
	Beryllium	475	510	93	90 - 110	P	01/28/2025	12:03	LB134457
	Cadmium	486	510	95	90 - 110	P	01/28/2025	12:03	LB134457
	Calcium	9340	10000	93	90 - 110	P	01/28/2025	12:03	LB134457
	Chromium	520	520	100	90 - 110	P	01/28/2025	12:03	LB134457
	Cobalt	489	520	94	90 - 110	P	01/28/2025	12:03	LB134457
	Copper	511	510	100	90 - 110	P	01/28/2025	12:03	LB134457
	Iron	9750	10000	98	90 - 110	P	01/28/2025	12:03	LB134457
	Lead	984	1000	98	90 - 110	P	01/28/2025	12:03	LB134457
	Magnesium	5480	6000	91	90 - 110	P	01/28/2025	12:03	LB134457
	Manganese	473	520	91	90 - 110	P	01/28/2025	12:03	LB134457
	Nickel	493	530	93	90 - 110	P	01/28/2025	12:03	LB134457
	Potassium	9490	9900	96	90 - 110	P	01/28/2025	12:03	LB134457
	Selenium	1010	1000	101	90 - 110	P	01/28/2025	12:03	LB134457
	Silver	250	250	100	90 - 110	P	01/28/2025	12:03	LB134457
	Sodium	9180	10000	92	90 - 110	P	01/28/2025	12:03	LB134457
	Thallium	1000	1000	100	90 - 110	P	01/28/2025	12:03	LB134457
	Vanadium	473	500	95	90 - 110	P	01/28/2025	12:03	LB134457
	Zinc	1000	1000	100	90 - 110	P	01/28/2025	12:03	LB134457

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q1194

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1194 **SAS No.:** Q1194

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	94.1	100	94	80 - 120	P	01/28/2025	12:08	LB134457
	Antimony	50.6	50.0	101	80 - 120	P	01/28/2025	12:08	LB134457
	Arsenic	22.7	20.0	114	80 - 120	P	01/28/2025	12:08	LB134457
	Barium	89.9	100	90	80 - 120	P	01/28/2025	12:08	LB134457
	Beryllium	5.62	6.0	94	80 - 120	P	01/28/2025	12:08	LB134457
	Cadmium	5.78	6.0	96	80 - 120	P	01/28/2025	12:08	LB134457
	Calcium	1870	2000	93	80 - 120	P	01/28/2025	12:08	LB134457
	Chromium	10.1	10.0	101	80 - 120	P	01/28/2025	12:08	LB134457
	Cobalt	28.9	30.0	96	80 - 120	P	01/28/2025	12:08	LB134457
	Copper	21.5	20.0	108	80 - 120	P	01/28/2025	12:08	LB134457
	Iron	85.8	100	86	80 - 120	P	01/28/2025	12:08	LB134457
	Lead	11.8	12.0	99	80 - 120	P	01/28/2025	12:08	LB134457
	Magnesium	1970	2000	98	80 - 120	P	01/28/2025	12:08	LB134457
	Manganese	19.9	20.0	99	80 - 120	P	01/28/2025	12:08	LB134457
	Nickel	38.4	40.0	96	80 - 120	P	01/28/2025	12:08	LB134457
	Potassium	1920	2000	96	80 - 120	P	01/28/2025	12:08	LB134457
	Selenium	21.2	20.0	106	80 - 120	P	01/28/2025	12:08	LB134457
	Silver	10.9	10.0	109	80 - 120	P	01/28/2025	12:08	LB134457
	Sodium	1780	2000	89	80 - 120	P	01/28/2025	12:08	LB134457
	Thallium	40.8	40.0	102	80 - 120	P	01/28/2025	12:08	LB134457
	Vanadium	37.5	40.0	94	80 - 120	P	01/28/2025	12:08	LB134457
	Zinc	39.8	40.0	99	80 - 120	P	01/28/2025	12:08	LB134457

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q1194
Contract: PORT06 Lab Code: CHEM Case No.: Q1194 SAS No.: Q1194
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	9670	10000	97	90 - 110	P	01/28/2025	12:39	LB134457
	Antimony	5090	5000	102	90 - 110	P	01/28/2025	12:39	LB134457
	Arsenic	4990	5000	100	90 - 110	P	01/28/2025	12:39	LB134457
	Barium	9080	10000	91	90 - 110	P	01/28/2025	12:39	LB134457
	Beryllium	232	250	93	90 - 110	P	01/28/2025	12:39	LB134457
	Cadmium	2440	2500	98	90 - 110	P	01/28/2025	12:39	LB134457
	Calcium	23300	25000	93	90 - 110	P	01/28/2025	12:39	LB134457
	Chromium	1010	1000	101	90 - 110	P	01/28/2025	12:39	LB134457
	Cobalt	2430	2500	97	90 - 110	P	01/28/2025	12:39	LB134457
	Copper	1260	1250	101	90 - 110	P	01/28/2025	12:39	LB134457
	Iron	4830	5000	97	90 - 110	P	01/28/2025	12:39	LB134457
	Lead	4940	5000	99	90 - 110	P	01/28/2025	12:39	LB134457
	Magnesium	23100	25000	92	90 - 110	P	01/28/2025	12:39	LB134457
	Manganese	2390	2500	96	90 - 110	P	01/28/2025	12:39	LB134457
	Nickel	2450	2500	98	90 - 110	P	01/28/2025	12:39	LB134457
	Potassium	24100	25000	96	90 - 110	P	01/28/2025	12:39	LB134457
	Selenium	5090	5000	102	90 - 110	P	01/28/2025	12:39	LB134457
	Silver	1220	1250	98	90 - 110	P	01/28/2025	12:39	LB134457
	Sodium	23700	25000	95	90 - 110	P	01/28/2025	12:39	LB134457
	Thallium	4990	5000	100	90 - 110	P	01/28/2025	12:39	LB134457
	Vanadium	2360	2500	94	90 - 110	P	01/28/2025	12:39	LB134457
	Zinc	2510	2500	100	90 - 110	P	01/28/2025	12:39	LB134457
CCV02	Aluminum	9810	10000	98	90 - 110	P	01/28/2025	13:42	LB134457
	Antimony	5060	5000	101	90 - 110	P	01/28/2025	13:42	LB134457
	Arsenic	4890	5000	98	90 - 110	P	01/28/2025	13:42	LB134457
	Barium	9400	10000	94	90 - 110	P	01/28/2025	13:42	LB134457
	Beryllium	232	250	93	90 - 110	P	01/28/2025	13:42	LB134457
	Cadmium	2410	2500	97	90 - 110	P	01/28/2025	13:42	LB134457
	Calcium	23600	25000	94	90 - 110	P	01/28/2025	13:42	LB134457
	Chromium	1010	1000	100	90 - 110	P	01/28/2025	13:42	LB134457
	Cobalt	2410	2500	96	90 - 110	P	01/28/2025	13:42	LB134457
	Copper	1260	1250	101	90 - 110	P	01/28/2025	13:42	LB134457
	Iron	4890	5000	98	90 - 110	P	01/28/2025	13:42	LB134457
	Lead	4900	5000	98	90 - 110	P	01/28/2025	13:42	LB134457

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q1194
 Contract: PORT06 Lab Code: CHEM Case No.: Q1194 SAS No.: Q1194
 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	23400	25000	94	90 - 110	P	01/28/2025	13:42	LB134457
	Manganese	2280	2500	91	90 - 110	P	01/28/2025	13:42	LB134457
	Nickel	2440	2500	97	90 - 110	P	01/28/2025	13:42	LB134457
	Potassium	24700	25000	99	90 - 110	P	01/28/2025	13:42	LB134457
	Selenium	4990	5000	100	90 - 110	P	01/28/2025	13:42	LB134457
	Silver	1210	1250	97	90 - 110	P	01/28/2025	13:42	LB134457
	Sodium	24800	25000	99	90 - 110	P	01/28/2025	13:42	LB134457
	Thallium	4930	5000	99	90 - 110	P	01/28/2025	13:42	LB134457
	Vanadium	2400	2500	96	90 - 110	P	01/28/2025	13:42	LB134457
	Zinc	2510	2500	100	90 - 110	P	01/28/2025	13:42	LB134457
CCV03	Aluminum	9930	10000	99	90 - 110	P	01/28/2025	14:33	LB134457
	Antimony	5140	5000	103	90 - 110	P	01/28/2025	14:33	LB134457
	Arsenic	5050	5000	101	90 - 110	P	01/28/2025	14:33	LB134457
	Barium	9470	10000	95	90 - 110	P	01/28/2025	14:33	LB134457
	Beryllium	247	250	99	90 - 110	P	01/28/2025	14:33	LB134457
	Cadmium	2500	2500	100	90 - 110	P	01/28/2025	14:33	LB134457
	Calcium	24000	25000	96	90 - 110	P	01/28/2025	14:33	LB134457
	Chromium	1040	1000	104	90 - 110	P	01/28/2025	14:33	LB134457
	Cobalt	2500	2500	100	90 - 110	P	01/28/2025	14:33	LB134457
	Copper	1290	1250	103	90 - 110	P	01/28/2025	14:33	LB134457
	Iron	4840	5000	97	90 - 110	P	01/28/2025	14:33	LB134457
	Lead	5060	5000	101	90 - 110	P	01/28/2025	14:33	LB134457
	Magnesium	23900	25000	96	90 - 110	P	01/28/2025	14:33	LB134457
	Manganese	2300	2500	92	90 - 110	P	01/28/2025	14:33	LB134457
	Nickel	2520	2500	101	90 - 110	P	01/28/2025	14:33	LB134457
	Potassium	23700	25000	95	90 - 110	P	01/28/2025	14:33	LB134457
	Selenium	5110	5000	102	90 - 110	P	01/28/2025	14:33	LB134457
	Silver	1260	1250	101	90 - 110	P	01/28/2025	14:33	LB134457
	Sodium	23300	25000	93	90 - 110	P	01/28/2025	14:33	LB134457
	Thallium	5090	5000	102	90 - 110	P	01/28/2025	14:33	LB134457
	Vanadium	2430	2500	97	90 - 110	P	01/28/2025	14:33	LB134457
	Zinc	2580	2500	103	90 - 110	P	01/28/2025	14:33	LB134457
CCV04	Aluminum	9750	10000	98	90 - 110	P	01/28/2025	15:32	LB134457
	Antimony	5030	5000	100	90 - 110	P	01/28/2025	15:32	LB134457

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q1194

Contract: PORT06 Lab Code: CHEM Case No.: Q1194 SAS No.: Q1194

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	4850	5000	97	90 - 110	P	01/28/2025	15:32	LB134457
	Barium	9320	10000	93	90 - 110	P	01/28/2025	15:32	LB134457
	Beryllium	236	250	94	90 - 110	P	01/28/2025	15:32	LB134457
	Cadmium	2430	2500	97	90 - 110	P	01/28/2025	15:32	LB134457
	Calcium	23600	25000	94	90 - 110	P	01/28/2025	15:32	LB134457
	Chromium	1010	1000	101	90 - 110	P	01/28/2025	15:32	LB134457
	Cobalt	2420	2500	97	90 - 110	P	01/28/2025	15:32	LB134457
	Copper	1260	1250	100	90 - 110	P	01/28/2025	15:32	LB134457
	Iron	4920	5000	98	90 - 110	P	01/28/2025	15:32	LB134457
	Lead	4920	5000	98	90 - 110	P	01/28/2025	15:32	LB134457
	Magnesium	23600	25000	94	90 - 110	P	01/28/2025	15:32	LB134457
	Manganese	2300	2500	92	90 - 110	P	01/28/2025	15:32	LB134457
	Nickel	2450	2500	98	90 - 110	P	01/28/2025	15:32	LB134457
	Potassium	24000	25000	96	90 - 110	P	01/28/2025	15:32	LB134457
	Selenium	4930	5000	99	90 - 110	P	01/28/2025	15:32	LB134457
	Silver	1220	1250	98	90 - 110	P	01/28/2025	15:32	LB134457
	Sodium	24200	25000	97	90 - 110	P	01/28/2025	15:32	LB134457
	Thallium	4760	5000	95	90 - 110	P	01/28/2025	15:32	LB134457
	Vanadium	2390	2500	95	90 - 110	P	01/28/2025	15:32	LB134457
	Zinc	2530	2500	101	90 - 110	P	01/28/2025	15:32	LB134457
CCV05	Aluminum	9610	10000	96	90 - 110	P	01/28/2025	15:52	LB134457
	Antimony	5010	5000	100	90 - 110	P	01/28/2025	15:52	LB134457
	Arsenic	4890	5000	98	90 - 110	P	01/28/2025	15:52	LB134457
	Barium	9150	10000	92	90 - 110	P	01/28/2025	15:52	LB134457
	Beryllium	239	250	96	90 - 110	P	01/28/2025	15:52	LB134457
	Cadmium	2440	2500	98	90 - 110	P	01/28/2025	15:52	LB134457
	Calcium	23400	25000	94	90 - 110	P	01/28/2025	15:52	LB134457
	Chromium	1010	1000	101	90 - 110	P	01/28/2025	15:52	LB134457
	Cobalt	2430	2500	97	90 - 110	P	01/28/2025	15:52	LB134457
	Copper	1260	1250	101	90 - 110	P	01/28/2025	15:52	LB134457
	Iron	4820	5000	96	90 - 110	P	01/28/2025	15:52	LB134457
	Lead	4940	5000	99	90 - 110	P	01/28/2025	15:52	LB134457
	Magnesium	23400	25000	94	90 - 110	P	01/28/2025	15:52	LB134457
	Manganese	2270	2500	91	90 - 110	P	01/28/2025	15:52	LB134457

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q1194
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1194 **SAS No.:** Q1194
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	2460	2500	98	90 - 110	P	01/28/2025	15:52	LB134457
	Potassium	23400	25000	94	90 - 110	P	01/28/2025	15:52	LB134457
	Selenium	4960	5000	99	90 - 110	P	01/28/2025	15:52	LB134457
	Silver	1220	1250	98	90 - 110	P	01/28/2025	15:52	LB134457
	Sodium	23300	25000	93	90 - 110	P	01/28/2025	15:52	LB134457
	Thallium	4780	5000	96	90 - 110	P	01/28/2025	15:52	LB134457
	Vanadium	2360	2500	94	90 - 110	P	01/28/2025	15:52	LB134457
	Zinc	2460	2500	98	90 - 110	P	01/28/2025	15:52	LB134457

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q1194

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1194 **SAS No.:** Q1194

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	2420	2500	97	90 - 110	P	01/29/2025	11:16	LB134477
	Antimony	984	1000	98	90 - 110	P	01/29/2025	11:16	LB134477
	Arsenic	992	1000	99	90 - 110	P	01/29/2025	11:16	LB134477
	Barium	478	520	92	90 - 110	P	01/29/2025	11:16	LB134477
	Beryllium	482	510	94	90 - 110	P	01/29/2025	11:16	LB134477
	Cadmium	490	510	96	90 - 110	P	01/29/2025	11:16	LB134477
	Calcium	9550	10000	96	90 - 110	P	01/29/2025	11:16	LB134477
	Chromium	517	520	100	90 - 110	P	01/29/2025	11:16	LB134477
	Cobalt	493	520	95	90 - 110	P	01/29/2025	11:16	LB134477
	Copper	512	510	100	90 - 110	P	01/29/2025	11:16	LB134477
	Iron	9940	10000	99	90 - 110	P	01/29/2025	11:16	LB134477
	Lead	983	1000	98	90 - 110	P	01/29/2025	11:16	LB134477
	Magnesium	5680	6000	95	90 - 110	P	01/29/2025	11:16	LB134477
	Manganese	491	520	94	90 - 110	P	01/29/2025	11:16	LB134477
	Nickel	495	530	93	90 - 110	P	01/29/2025	11:16	LB134477
	Potassium	9840	9900	99	90 - 110	P	01/29/2025	11:16	LB134477
	Selenium	1000	1000	100	90 - 110	P	01/29/2025	11:16	LB134477
	Silver	250	250	100	90 - 110	P	01/29/2025	11:16	LB134477
	Sodium	9450	10000	94	90 - 110	P	01/29/2025	11:16	LB134477
	Thallium	1010	1000	101	90 - 110	P	01/29/2025	11:16	LB134477
	Vanadium	486	500	97	90 - 110	P	01/29/2025	11:16	LB134477
	Zinc	996	1000	100	90 - 110	P	01/29/2025	11:16	LB134477

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q1194
 Contract: PORT06 Lab Code: CHEM Case No.: Q1194 SAS No.: Q1194
 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	97.5	100	98	80 - 120	P	01/29/2025	11:32	LB134477
	Antimony	48.7	50.0	97	80 - 120	P	01/29/2025	11:32	LB134477
	Arsenic	22.8	20.0	114	80 - 120	P	01/29/2025	11:32	LB134477
	Barium	86.5	100	86	80 - 120	P	01/29/2025	11:32	LB134477
	Beryllium	5.74	6.0	96	80 - 120	P	01/29/2025	11:32	LB134477
	Cadmium	5.80	6.0	97	80 - 120	P	01/29/2025	11:32	LB134477
	Calcium	1900	2000	95	80 - 120	P	01/29/2025	11:32	LB134477
	Chromium	9.94	10.0	99	80 - 120	P	01/29/2025	11:32	LB134477
	Cobalt	28.8	30.0	96	80 - 120	P	01/29/2025	11:32	LB134477
	Copper	21.5	20.0	108	80 - 120	P	01/29/2025	11:32	LB134477
	Iron	83.4	100	83	80 - 120	P	01/29/2025	11:32	LB134477
	Lead	11.8	12.0	98	80 - 120	P	01/29/2025	11:32	LB134477
	Magnesium	2000	2000	100	80 - 120	P	01/29/2025	11:32	LB134477
	Manganese	18.3	20.0	91	80 - 120	P	01/29/2025	11:32	LB134477
	Nickel	38.8	40.0	97	80 - 120	P	01/29/2025	11:32	LB134477
	Potassium	1910	2000	96	80 - 120	P	01/29/2025	11:32	LB134477
	Selenium	19.5	20.0	98	80 - 120	P	01/29/2025	11:32	LB134477
	Silver	11.0	10.0	110	80 - 120	P	01/29/2025	11:32	LB134477
	Sodium	1680	2000	84	80 - 120	P	01/29/2025	11:32	LB134477
	Thallium	39.0	40.0	98	80 - 120	P	01/29/2025	11:32	LB134477
	Vanadium	37.6	40.0	94	80 - 120	P	01/29/2025	11:32	LB134477
	Zinc	40.3	40.0	101	80 - 120	P	01/29/2025	11:32	LB134477

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q1194
 Contract: PORT06 Lab Code: CHEM Case No.: Q1194 SAS No.: Q1194
 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	9810	10000	98	90 - 110	P	01/29/2025	12:06	LB134477
	Antimony	4900	5000	98	90 - 110	P	01/29/2025	12:06	LB134477
	Arsenic	4890	5000	98	90 - 110	P	01/29/2025	12:06	LB134477
	Barium	9210	10000	92	90 - 110	P	01/29/2025	12:06	LB134477
	Beryllium	243	250	97	90 - 110	P	01/29/2025	12:06	LB134477
	Cadmium	2440	2500	98	90 - 110	P	01/29/2025	12:06	LB134477
	Calcium	23900	25000	96	90 - 110	P	01/29/2025	12:06	LB134477
	Chromium	1010	1000	102	90 - 110	P	01/29/2025	12:06	LB134477
	Cobalt	2430	2500	97	90 - 110	P	01/29/2025	12:06	LB134477
	Copper	1230	1250	99	90 - 110	P	01/29/2025	12:06	LB134477
	Iron	4810	5000	96	90 - 110	P	01/29/2025	12:06	LB134477
	Lead	4900	5000	98	90 - 110	P	01/29/2025	12:06	LB134477
	Magnesium	24200	25000	97	90 - 110	P	01/29/2025	12:06	LB134477
	Manganese	2320	2500	93	90 - 110	P	01/29/2025	12:06	LB134477
	Nickel	2440	2500	98	90 - 110	P	01/29/2025	12:06	LB134477
	Potassium	24100	25000	96	90 - 110	P	01/29/2025	12:06	LB134477
	Selenium	4890	5000	98	90 - 110	P	01/29/2025	12:06	LB134477
	Silver	1240	1250	99	90 - 110	P	01/29/2025	12:06	LB134477
	Sodium	23300	25000	93	90 - 110	P	01/29/2025	12:06	LB134477
	Thallium	5020	5000	100	90 - 110	P	01/29/2025	12:06	LB134477
	Vanadium	2400	2500	96	90 - 110	P	01/29/2025	12:06	LB134477
	Zinc	2500	2500	100	90 - 110	P	01/29/2025	12:06	LB134477
CCV02	Aluminum	9950	10000	100	90 - 110	P	01/29/2025	13:12	LB134477
	Antimony	4910	5000	98	90 - 110	P	01/29/2025	13:12	LB134477
	Arsenic	4910	5000	98	90 - 110	P	01/29/2025	13:12	LB134477
	Barium	9280	10000	93	90 - 110	P	01/29/2025	13:12	LB134477
	Beryllium	241	250	97	90 - 110	P	01/29/2025	13:12	LB134477
	Cadmium	2440	2500	97	90 - 110	P	01/29/2025	13:12	LB134477
	Calcium	23800	25000	95	90 - 110	P	01/29/2025	13:12	LB134477
	Chromium	1020	1000	102	90 - 110	P	01/29/2025	13:12	LB134477
	Cobalt	2430	2500	97	90 - 110	P	01/29/2025	13:12	LB134477
	Copper	1240	1250	99	90 - 110	P	01/29/2025	13:12	LB134477
	Iron	4810	5000	96	90 - 110	P	01/29/2025	13:12	LB134477
	Lead	4880	5000	98	90 - 110	P	01/29/2025	13:12	LB134477

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q1194
Contract: PORT06 Lab Code: CHEM Case No.: Q1194 SAS No.: Q1194
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	24400	25000	98	90 - 110	P	01/29/2025	13:12	LB134477
	Manganese	2300	2500	92	90 - 110	P	01/29/2025	13:12	LB134477
	Nickel	2430	2500	97	90 - 110	P	01/29/2025	13:12	LB134477
	Potassium	24400	25000	98	90 - 110	P	01/29/2025	13:12	LB134477
	Selenium	4900	5000	98	90 - 110	P	01/29/2025	13:12	LB134477
	Silver	1230	1250	99	90 - 110	P	01/29/2025	13:12	LB134477
	Sodium	23600	25000	94	90 - 110	P	01/29/2025	13:12	LB134477
	Thallium	4910	5000	98	90 - 110	P	01/29/2025	13:12	LB134477
	Vanadium	2420	2500	97	90 - 110	P	01/29/2025	13:12	LB134477
	Zinc	2500	2500	100	90 - 110	P	01/29/2025	13:12	LB134477
CCV03	Aluminum	9760	10000	98	90 - 110	P	01/29/2025	14:01	LB134477
	Antimony	4820	5000	96	90 - 110	P	01/29/2025	14:01	LB134477
	Arsenic	4850	5000	97	90 - 110	P	01/29/2025	14:01	LB134477
	Barium	9080	10000	91	90 - 110	P	01/29/2025	14:01	LB134477
	Beryllium	238	250	95	90 - 110	P	01/29/2025	14:01	LB134477
	Cadmium	2400	2500	96	90 - 110	P	01/29/2025	14:01	LB134477
	Calcium	23500	25000	94	90 - 110	P	01/29/2025	14:01	LB134477
	Chromium	1010	1000	101	90 - 110	P	01/29/2025	14:01	LB134477
	Cobalt	2390	2500	96	90 - 110	P	01/29/2025	14:01	LB134477
	Copper	1210	1250	97	90 - 110	P	01/29/2025	14:01	LB134477
	Iron	4810	5000	96	90 - 110	P	01/29/2025	14:01	LB134477
	Lead	4810	5000	96	90 - 110	P	01/29/2025	14:01	LB134477
	Magnesium	24100	25000	96	90 - 110	P	01/29/2025	14:01	LB134477
	Manganese	2280	2500	91	90 - 110	P	01/29/2025	14:01	LB134477
	Nickel	2400	2500	96	90 - 110	P	01/29/2025	14:01	LB134477
	Potassium	24200	25000	97	90 - 110	P	01/29/2025	14:01	LB134477
	Selenium	4850	5000	97	90 - 110	P	01/29/2025	14:01	LB134477
	Silver	1220	1250	97	90 - 110	P	01/29/2025	14:01	LB134477
	Sodium	23600	25000	94	90 - 110	P	01/29/2025	14:01	LB134477
	Thallium	5000	5000	100	90 - 110	P	01/29/2025	14:01	LB134477
	Vanadium	2380	2500	95	90 - 110	P	01/29/2025	14:01	LB134477
	Zinc	2460	2500	99	90 - 110	P	01/29/2025	14:01	LB134477
CCV04	Aluminum	9770	10000	98	90 - 110	P	01/29/2025	14:24	LB134477
	Antimony	4820	5000	96	90 - 110	P	01/29/2025	14:24	LB134477

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q1194

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1194 **SAS No.:** Q1194

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	4810	5000	96	90 - 110	P	01/29/2025	14:24	LB134477
	Barium	9120	10000	91	90 - 110	P	01/29/2025	14:24	LB134477
	Beryllium	238	250	95	90 - 110	P	01/29/2025	14:24	LB134477
	Cadmium	2390	2500	96	90 - 110	P	01/29/2025	14:24	LB134477
	Calcium	23400	25000	94	90 - 110	P	01/29/2025	14:24	LB134477
	Chromium	1010	1000	101	90 - 110	P	01/29/2025	14:24	LB134477
	Cobalt	2380	2500	95	90 - 110	P	01/29/2025	14:24	LB134477
	Copper	1220	1250	98	90 - 110	P	01/29/2025	14:24	LB134477
	Iron	4760	5000	95	90 - 110	P	01/29/2025	14:24	LB134477
	Lead	4810	5000	96	90 - 110	P	01/29/2025	14:24	LB134477
	Magnesium	23900	25000	95	90 - 110	P	01/29/2025	14:24	LB134477
	Manganese	2260	2500	90	90 - 110	P	01/29/2025	14:24	LB134477
	Nickel	2390	2500	96	90 - 110	P	01/29/2025	14:24	LB134477
	Potassium	24100	25000	96	90 - 110	P	01/29/2025	14:24	LB134477
	Selenium	4820	5000	96	90 - 110	P	01/29/2025	14:24	LB134477
	Silver	1220	1250	98	90 - 110	P	01/29/2025	14:24	LB134477
	Sodium	23300	25000	93	90 - 110	P	01/29/2025	14:24	LB134477
	Thallium	4910	5000	98	90 - 110	P	01/29/2025	14:24	LB134477
	Vanadium	2380	2500	95	90 - 110	P	01/29/2025	14:24	LB134477
	Zinc	2420	2500	97	90 - 110	P	01/29/2025	14:24	LB134477

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q1194
Contract: PORT06 Lab Code: CHEM Case No.: Q1194 SAS No.: Q1194
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	2350	2500	94	90 - 110	P	01/30/2025	11:49	LB134493
	Antimony	1000	1000	100	90 - 110	P	01/30/2025	11:49	LB134493
	Arsenic	1040	1000	104	90 - 110	P	01/30/2025	11:49	LB134493
	Barium	470	520	90	90 - 110	P	01/30/2025	11:49	LB134493
	Beryllium	472	510	92	90 - 110	P	01/30/2025	11:49	LB134493
	Cadmium	502	510	98	90 - 110	P	01/30/2025	11:49	LB134493
	Calcium	9280	10000	93	90 - 110	P	01/30/2025	11:49	LB134493
	Chromium	522	520	100	90 - 110	P	01/30/2025	11:49	LB134493
	Cobalt	504	520	97	90 - 110	P	01/30/2025	11:49	LB134493
	Copper	523	510	103	90 - 110	P	01/30/2025	11:49	LB134493
	Iron	9560	10000	96	90 - 110	P	01/30/2025	11:49	LB134493
	Lead	1000	1000	100	90 - 110	P	01/30/2025	11:49	LB134493
	Magnesium	5450	6000	91	90 - 110	P	01/30/2025	11:49	LB134493
	Manganese	519	520	100	90 - 110	P	01/30/2025	11:49	LB134493
	Nickel	507	530	96	90 - 110	P	01/30/2025	11:49	LB134493
	Potassium	9440	9900	95	90 - 110	P	01/30/2025	11:49	LB134493
	Selenium	1040	1000	104	90 - 110	P	01/30/2025	11:49	LB134493
	Silver	252	250	101	90 - 110	P	01/30/2025	11:49	LB134493
	Sodium	9500	10000	95	90 - 110	P	01/30/2025	11:49	LB134493
	Thallium	1020	1000	102	90 - 110	P	01/30/2025	11:49	LB134493
	Vanadium	455	500	91	90 - 110	P	01/30/2025	11:49	LB134493
	Zinc	1010	1000	101	90 - 110	P	01/30/2025	11:49	LB134493

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q1194
Contract: PORT06 Lab Code: CHEM Case No.: Q1194 SAS No.: Q1194
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	89.2	100	89	80 - 120	P	01/30/2025	11:56	LB134493
	Antimony	49.5	50.0	99	80 - 120	P	01/30/2025	11:56	LB134493
	Arsenic	21.3	20.0	107	80 - 120	P	01/30/2025	11:56	LB134493
	Barium	83.9	100	84	80 - 120	P	01/30/2025	11:56	LB134493
	Beryllium	5.55	6.0	92	80 - 120	P	01/30/2025	11:56	LB134493
	Cadmium	5.60	6.0	93	80 - 120	P	01/30/2025	11:56	LB134493
	Calcium	1830	2000	92	80 - 120	P	01/30/2025	11:56	LB134493
	Chromium	9.80	10.0	98	80 - 120	P	01/30/2025	11:56	LB134493
	Cobalt	28.7	30.0	96	80 - 120	P	01/30/2025	11:56	LB134493
	Copper	21.6	20.0	108	80 - 120	P	01/30/2025	11:56	LB134493
	Iron	106	100	106	80 - 120	P	01/30/2025	11:56	LB134493
	Lead	12.2	12.0	102	80 - 120	P	01/30/2025	11:56	LB134493
	Magnesium	1970	2000	99	80 - 120	P	01/30/2025	11:56	LB134493
	Manganese	18.0	20.0	90	80 - 120	P	01/30/2025	11:56	LB134493
	Nickel	38.6	40.0	97	80 - 120	P	01/30/2025	11:56	LB134493
	Potassium	1920	2000	96	80 - 120	P	01/30/2025	11:56	LB134493
	Selenium	19.1	20.0	96	80 - 120	P	01/30/2025	11:56	LB134493
	Silver	10.4	10.0	104	80 - 120	P	01/30/2025	11:56	LB134493
	Sodium	1920	2000	96	80 - 120	P	01/30/2025	11:56	LB134493
	Thallium	39.0	40.0	98	80 - 120	P	01/30/2025	11:56	LB134493
	Vanadium	34.8	40.0	87	80 - 120	P	01/30/2025	11:56	LB134493
	Zinc	38.3	40.0	96	80 - 120	P	01/30/2025	11:56	LB134493

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q1194
Contract: PORT06 Lab Code: CHEM Case No.: Q1194 SAS No.: Q1194
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	9490	10000	95	90 - 110	P	01/30/2025	12:41	LB134493
	Antimony	5010	5000	100	90 - 110	P	01/30/2025	12:41	LB134493
	Arsenic	4950	5000	99	90 - 110	P	01/30/2025	12:41	LB134493
	Barium	9130	10000	91	90 - 110	P	01/30/2025	12:41	LB134493
	Beryllium	237	250	95	90 - 110	P	01/30/2025	12:41	LB134493
	Cadmium	2420	2500	97	90 - 110	P	01/30/2025	12:41	LB134493
	Calcium	23200	25000	93	90 - 110	P	01/30/2025	12:41	LB134493
	Chromium	988	1000	99	90 - 110	P	01/30/2025	12:41	LB134493
	Cobalt	2420	2500	97	90 - 110	P	01/30/2025	12:41	LB134493
	Copper	1250	1250	100	90 - 110	P	01/30/2025	12:41	LB134493
	Iron	4690	5000	94	90 - 110	P	01/30/2025	12:41	LB134493
	Lead	4840	5000	97	90 - 110	P	01/30/2025	12:41	LB134493
	Magnesium	23200	25000	93	90 - 110	P	01/30/2025	12:41	LB134493
	Manganese	2260	2500	90	90 - 110	P	01/30/2025	12:41	LB134493
	Nickel	2420	2500	97	90 - 110	P	01/30/2025	12:41	LB134493
	Potassium	23700	25000	95	90 - 110	P	01/30/2025	12:41	LB134493
	Selenium	5010	5000	100	90 - 110	P	01/30/2025	12:41	LB134493
	Silver	1210	1250	97	90 - 110	P	01/30/2025	12:41	LB134493
	Sodium	24100	25000	96	90 - 110	P	01/30/2025	12:41	LB134493
	Thallium	5080	5000	102	90 - 110	P	01/30/2025	12:41	LB134493
	Vanadium	2350	2500	94	90 - 110	P	01/30/2025	12:41	LB134493
	Zinc	2460	2500	98	90 - 110	P	01/30/2025	12:41	LB134493
CCV02	Aluminum	9600	10000	96	90 - 110	P	01/30/2025	13:33	LB134493
	Antimony	5060	5000	101	90 - 110	P	01/30/2025	13:33	LB134493
	Arsenic	5000	5000	100	90 - 110	P	01/30/2025	13:33	LB134493
	Barium	9200	10000	92	90 - 110	P	01/30/2025	13:33	LB134493
	Beryllium	232	250	93	90 - 110	P	01/30/2025	13:33	LB134493
	Cadmium	2420	2500	97	90 - 110	P	01/30/2025	13:33	LB134493
	Calcium	23300	25000	93	90 - 110	P	01/30/2025	13:33	LB134493
	Chromium	988	1000	99	90 - 110	P	01/30/2025	13:33	LB134493
	Cobalt	2410	2500	96	90 - 110	P	01/30/2025	13:33	LB134493
	Copper	1250	1250	100	90 - 110	P	01/30/2025	13:33	LB134493
	Iron	4770	5000	96	90 - 110	P	01/30/2025	13:33	LB134493
	Lead	4830	5000	97	90 - 110	P	01/30/2025	13:33	LB134493

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q1194
 Contract: PORT06 Lab Code: CHEM Case No.: Q1194 SAS No.: Q1194
 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	23300	25000	93	90 - 110	P	01/30/2025	13:33	LB134493
	Manganese	2250	2500	90	90 - 110	P	01/30/2025	13:33	LB134493
	Nickel	2420	2500	97	90 - 110	P	01/30/2025	13:33	LB134493
	Potassium	24400	25000	97	90 - 110	P	01/30/2025	13:33	LB134493
	Selenium	5050	5000	101	90 - 110	P	01/30/2025	13:33	LB134493
	Silver	1200	1250	96	90 - 110	P	01/30/2025	13:33	LB134493
	Sodium	25000	25000	100	90 - 110	P	01/30/2025	13:33	LB134493
	Thallium	5120	5000	102	90 - 110	P	01/30/2025	13:33	LB134493
	Vanadium	2360	2500	94	90 - 110	P	01/30/2025	13:33	LB134493
	Zinc	2450	2500	98	90 - 110	P	01/30/2025	13:33	LB134493
CCV03	Aluminum	9650	10000	96	90 - 110	P	01/30/2025	14:34	LB134493
	Antimony	4780	5000	96	90 - 110	P	01/30/2025	14:34	LB134493
	Arsenic	4880	5000	98	90 - 110	P	01/30/2025	14:34	LB134493
	Barium	9430	10000	94	90 - 110	P	01/30/2025	14:34	LB134493
	Beryllium	231	250	92	90 - 110	P	01/30/2025	14:34	LB134493
	Cadmium	2490	2500	100	90 - 110	P	01/30/2025	14:34	LB134493
	Calcium	23500	25000	94	90 - 110	P	01/30/2025	14:34	LB134493
	Chromium	985	1000	98	90 - 110	P	01/30/2025	14:34	LB134493
	Cobalt	2440	2500	98	90 - 110	P	01/30/2025	14:34	LB134493
	Copper	1200	1250	96	90 - 110	P	01/30/2025	14:34	LB134493
	Iron	4870	5000	97	90 - 110	P	01/30/2025	14:34	LB134493
	Lead	4910	5000	98	90 - 110	P	01/30/2025	14:34	LB134493
	Magnesium	23400	25000	94	90 - 110	P	01/30/2025	14:34	LB134493
	Manganese	2300	2500	92	90 - 110	P	01/30/2025	14:34	LB134493
	Nickel	2450	2500	98	90 - 110	P	01/30/2025	14:34	LB134493
	Potassium	24900	25000	100	90 - 110	P	01/30/2025	14:34	LB134493
	Selenium	5010	5000	100	90 - 110	P	01/30/2025	14:34	LB134493
	Silver	1210	1250	97	90 - 110	P	01/30/2025	14:34	LB134493
	Sodium	25200	25000	101	90 - 110	P	01/30/2025	14:34	LB134493
	Thallium	5070	5000	102	90 - 110	P	01/30/2025	14:34	LB134493
	Vanadium	2380	2500	95	90 - 110	P	01/30/2025	14:34	LB134493
	Zinc	2450	2500	98	90 - 110	P	01/30/2025	14:34	LB134493
CCV04	Aluminum	9670	10000	97	90 - 110	P	01/30/2025	15:25	LB134493
	Antimony	4980	5000	100	90 - 110	P	01/30/2025	15:25	LB134493

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q1194
 Contract: PORT06 Lab Code: CHEM Case No.: Q1194 SAS No.: Q1194
 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	4890	5000	98	90 - 110	P	01/30/2025	15:25	LB134493
	Barium	9350	10000	94	90 - 110	P	01/30/2025	15:25	LB134493
	Beryllium	231	250	92	90 - 110	P	01/30/2025	15:25	LB134493
	Cadmium	2370	2500	95	90 - 110	P	01/30/2025	15:25	LB134493
	Calcium	23400	25000	94	90 - 110	P	01/30/2025	15:25	LB134493
	Chromium	1000	1000	100	90 - 110	P	01/30/2025	15:25	LB134493
	Cobalt	2370	2500	95	90 - 110	P	01/30/2025	15:25	LB134493
	Copper	1230	1250	98	90 - 110	P	01/30/2025	15:25	LB134493
	Iron	4940	5000	99	90 - 110	P	01/30/2025	15:25	LB134493
	Lead	4750	5000	95	90 - 110	P	01/30/2025	15:25	LB134493
	Magnesium	23400	25000	94	90 - 110	P	01/30/2025	15:25	LB134493
	Manganese	2280	2500	91	90 - 110	P	01/30/2025	15:25	LB134493
	Nickel	2380	2500	95	90 - 110	P	01/30/2025	15:25	LB134493
	Potassium	25200	25000	101	90 - 110	P	01/30/2025	15:25	LB134493
	Selenium	4950	5000	99	90 - 110	P	01/30/2025	15:25	LB134493
	Silver	1220	1250	98	90 - 110	P	01/30/2025	15:25	LB134493
	Sodium	25700	25000	103	90 - 110	P	01/30/2025	15:25	LB134493
	Thallium	5090	5000	102	90 - 110	P	01/30/2025	15:25	LB134493
	Vanadium	2390	2500	95	90 - 110	P	01/30/2025	15:25	LB134493
	Zinc	2480	2500	99	90 - 110	P	01/30/2025	15:25	LB134493
CCV05	Aluminum	9750	10000	98	90 - 110	P	01/30/2025	16:24	LB134493
	Antimony	4910	5000	98	90 - 110	P	01/30/2025	16:24	LB134493
	Arsenic	4830	5000	97	90 - 110	P	01/30/2025	16:24	LB134493
	Barium	9330	10000	93	90 - 110	P	01/30/2025	16:24	LB134493
	Beryllium	234	250	94	90 - 110	P	01/30/2025	16:24	LB134493
	Cadmium	2370	2500	95	90 - 110	P	01/30/2025	16:24	LB134493
	Calcium	23700	25000	95	90 - 110	P	01/30/2025	16:24	LB134493
	Chromium	991	1000	99	90 - 110	P	01/30/2025	16:24	LB134493
	Cobalt	2370	2500	95	90 - 110	P	01/30/2025	16:24	LB134493
	Copper	1220	1250	98	90 - 110	P	01/30/2025	16:24	LB134493
	Iron	4830	5000	96	90 - 110	P	01/30/2025	16:24	LB134493
	Lead	4740	5000	95	90 - 110	P	01/30/2025	16:24	LB134493
	Magnesium	23700	25000	95	90 - 110	P	01/30/2025	16:24	LB134493
	Manganese	2310	2500	92	90 - 110	P	01/30/2025	16:24	LB134493

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q1194
 Contract: PORT06 Lab Code: CHEM Case No.: Q1194 SAS No.: Q1194
 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	2370	2500	95	90 - 110	P	01/30/2025	16:24	LB134493
	Potassium	24500	25000	98	90 - 110	P	01/30/2025	16:24	LB134493
	Selenium	4860	5000	97	90 - 110	P	01/30/2025	16:24	LB134493
	Silver	1210	1250	97	90 - 110	P	01/30/2025	16:24	LB134493
	Sodium	24900	25000	100	90 - 110	P	01/30/2025	16:24	LB134493
	Thallium	4980	5000	100	90 - 110	P	01/30/2025	16:24	LB134493
	Vanadium	2410	2500	96	90 - 110	P	01/30/2025	16:24	LB134493
	Zinc	2450	2500	98	90 - 110	P	01/30/2025	16:24	LB134493
CCV06	Aluminum	9690	10000	97	90 - 110	P	01/30/2025	17:19	LB134493
	Antimony	5050	5000	101	90 - 110	P	01/30/2025	17:19	LB134493
	Arsenic	4970	5000	99	90 - 110	P	01/30/2025	17:19	LB134493
	Barium	9260	10000	93	90 - 110	P	01/30/2025	17:19	LB134493
	Beryllium	235	250	94	90 - 110	P	01/30/2025	17:19	LB134493
	Cadmium	2440	2500	98	90 - 110	P	01/30/2025	17:19	LB134493
	Calcium	23500	25000	94	90 - 110	P	01/30/2025	17:19	LB134493
	Chromium	1010	1000	101	90 - 110	P	01/30/2025	17:19	LB134493
	Cobalt	2440	2500	98	90 - 110	P	01/30/2025	17:19	LB134493
	Copper	1260	1250	100	90 - 110	P	01/30/2025	17:19	LB134493
	Iron	4800	5000	96	90 - 110	P	01/30/2025	17:19	LB134493
	Lead	4880	5000	98	90 - 110	P	01/30/2025	17:19	LB134493
	Magnesium	23700	25000	95	90 - 110	P	01/30/2025	17:19	LB134493
	Manganese	2290	2500	92	90 - 110	P	01/30/2025	17:19	LB134493
	Nickel	2440	2500	98	90 - 110	P	01/30/2025	17:19	LB134493
	Potassium	24300	25000	97	90 - 110	P	01/30/2025	17:19	LB134493
	Selenium	4970	5000	100	90 - 110	P	01/30/2025	17:19	LB134493
	Silver	1230	1250	99	90 - 110	P	01/30/2025	17:19	LB134493
	Sodium	24900	25000	100	90 - 110	P	01/30/2025	17:19	LB134493
	Thallium	5010	5000	100	90 - 110	P	01/30/2025	17:19	LB134493
	Vanadium	2380	2500	95	90 - 110	P	01/30/2025	17:19	LB134493
	Zinc	2470	2500	99	90 - 110	P	01/30/2025	17:19	LB134493
CCV07	Aluminum	9880	10000	99	90 - 110	P	01/30/2025	18:11	LB134493
	Antimony	5060	5000	101	90 - 110	P	01/30/2025	18:11	LB134493
	Arsenic	4970	5000	99	90 - 110	P	01/30/2025	18:11	LB134493
	Barium	9620	10000	96	90 - 110	P	01/30/2025	18:11	LB134493

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q1194

Contract: PORT06 Lab Code: CHEM Case No.: Q1194 SAS No.: Q1194

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	237	250	95	90 - 110	P	01/30/2025	18:11	LB134493
	Cadmium	2440	2500	98	90 - 110	P	01/30/2025	18:11	LB134493
	Calcium	24100	25000	96	90 - 110	P	01/30/2025	18:11	LB134493
	Chromium	1020	1000	102	90 - 110	P	01/30/2025	18:11	LB134493
	Cobalt	2450	2500	98	90 - 110	P	01/30/2025	18:11	LB134493
	Copper	1250	1250	100	90 - 110	P	01/30/2025	18:11	LB134493
	Iron	5050	5000	101	90 - 110	P	01/30/2025	18:11	LB134493
	Lead	4880	5000	98	90 - 110	P	01/30/2025	18:11	LB134493
	Magnesium	24100	25000	96	90 - 110	P	01/30/2025	18:11	LB134493
	Manganese	2360	2500	94	90 - 110	P	01/30/2025	18:11	LB134493
	Nickel	2450	2500	98	90 - 110	P	01/30/2025	18:11	LB134493
	Potassium	25700	25000	103	90 - 110	P	01/30/2025	18:11	LB134493
	Selenium	5000	5000	100	90 - 110	P	01/30/2025	18:11	LB134493
	Silver	1270	1250	101	90 - 110	P	01/30/2025	18:11	LB134493
	Sodium	26300	25000	105	90 - 110	P	01/30/2025	18:11	LB134493
	Thallium	5060	5000	101	90 - 110	P	01/30/2025	18:11	LB134493
	Vanadium	2450	2500	98	90 - 110	P	01/30/2025	18:11	LB134493
	Zinc	2520	2500	101	90 - 110	P	01/30/2025	18:11	LB134493
CCV08	Aluminum	9710	10000	97	90 - 110	P	01/30/2025	18:45	LB134493
	Antimony	5060	5000	101	90 - 110	P	01/30/2025	18:45	LB134493
	Arsenic	5000	5000	100	90 - 110	P	01/30/2025	18:45	LB134493
	Barium	9470	10000	95	90 - 110	P	01/30/2025	18:45	LB134493
	Beryllium	234	250	94	90 - 110	P	01/30/2025	18:45	LB134493
	Cadmium	2430	2500	97	90 - 110	P	01/30/2025	18:45	LB134493
	Calcium	23600	25000	95	90 - 110	P	01/30/2025	18:45	LB134493
	Chromium	1010	1000	101	90 - 110	P	01/30/2025	18:45	LB134493
	Cobalt	2430	2500	97	90 - 110	P	01/30/2025	18:45	LB134493
	Copper	1250	1250	100	90 - 110	P	01/30/2025	18:45	LB134493
	Iron	4940	5000	99	90 - 110	P	01/30/2025	18:45	LB134493
	Lead	4860	5000	97	90 - 110	P	01/30/2025	18:45	LB134493
	Magnesium	23700	25000	95	90 - 110	P	01/30/2025	18:45	LB134493
	Manganese	2310	2500	92	90 - 110	P	01/30/2025	18:45	LB134493
	Nickel	2430	2500	97	90 - 110	P	01/30/2025	18:45	LB134493
	Potassium	25100	25000	100	90 - 110	P	01/30/2025	18:45	LB134493

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q1194

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1194 **SAS No.:** Q1194

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	5030	5000	101	90 - 110	P	01/30/2025	18:45	LB134493
	Silver	1250	1250	100	90 - 110	P	01/30/2025	18:45	LB134493
	Sodium	25600	25000	102	90 - 110	P	01/30/2025	18:45	LB134493
	Thallium	5060	5000	101	90 - 110	P	01/30/2025	18:45	LB134493
	Vanadium	2410	2500	96	90 - 110	P	01/30/2025	18:45	LB134493
	Zinc	2450	2500	98	90 - 110	P	01/30/2025	18:45	LB134493

Metals

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CRDL STANDARD FOR AA & ICP

Client: Portal Partners Tri-Venture **SDG No.:** Q1194
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1194 **SAS No.:** Q1194
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	0.25	0.2	127	40 - 160	CV	01/27/2025	17:51	LB134437
CRI01	Aluminum	95.1	100	95	40 - 160	P	01/28/2025	12:26	LB134457
	Antimony	50.3	50.0	101	40 - 160	P	01/28/2025	12:26	LB134457
	Arsenic	21.0	20.0	105	40 - 160	P	01/28/2025	12:26	LB134457
	Barium	85.5	100	86	40 - 160	P	01/28/2025	12:26	LB134457
	Beryllium	5.75	6.0	96	40 - 160	P	01/28/2025	12:26	LB134457
	Cadmium	5.73	6.0	95	40 - 160	P	01/28/2025	12:26	LB134457
	Calcium	1840	2000	92	40 - 160	P	01/28/2025	12:26	LB134457
	Chromium	9.95	10.0	100	40 - 160	P	01/28/2025	12:26	LB134457
	Cobalt	28.5	30.0	95	40 - 160	P	01/28/2025	12:26	LB134457
	Copper	21.5	20.0	108	40 - 160	P	01/28/2025	12:26	LB134457
	Iron	82.2	100	82	40 - 160	P	01/28/2025	12:26	LB134457
	Lead	12.2	12.0	102	40 - 160	P	01/28/2025	12:26	LB134457
	Magnesium	1920	2000	96	40 - 160	P	01/28/2025	12:26	LB134457
	Manganese	19.6	20.0	98	40 - 160	P	01/28/2025	12:26	LB134457
	Nickel	38.4	40.0	96	40 - 160	P	01/28/2025	12:26	LB134457
	Potassium	1790	2000	90	40 - 160	P	01/28/2025	12:26	LB134457
	Selenium	19.9	20.0	99	40 - 160	P	01/28/2025	12:26	LB134457
	Silver	10.8	10.0	108	40 - 160	P	01/28/2025	12:26	LB134457
	Sodium	1620	2000	81	40 - 160	P	01/28/2025	12:26	LB134457
	Thallium	41.3	40.0	103	40 - 160	P	01/28/2025	12:26	LB134457
	Vanadium	36.1	40.0	90	40 - 160	P	01/28/2025	12:26	LB134457
	Zinc	39.9	40.0	100	40 - 160	P	01/28/2025	12:26	LB134457
CRA	Mercury	0.19	0.2	97	40 - 160	CV	01/28/2025	12:49	LB134454
CRI01	Aluminum	94.8	100	95	40 - 160	P	01/29/2025	11:41	LB134477
	Antimony	49.1	50.0	98	40 - 160	P	01/29/2025	11:41	LB134477
	Arsenic	23.4	20.0	117	40 - 160	P	01/29/2025	11:41	LB134477
	Barium	86.2	100	86	40 - 160	P	01/29/2025	11:41	LB134477
	Beryllium	5.72	6.0	95	40 - 160	P	01/29/2025	11:41	LB134477
	Cadmium	5.68	6.0	95	40 - 160	P	01/29/2025	11:41	LB134477
	Calcium	1880	2000	94	40 - 160	P	01/29/2025	11:41	LB134477
	Chromium	9.46	10.0	95	40 - 160	P	01/29/2025	11:41	LB134477
	Cobalt	28.2	30.0	94	40 - 160	P	01/29/2025	11:41	LB134477
	Copper	21.2	20.0	106	40 - 160	P	01/29/2025	11:41	LB134477
	Iron	83.8	100	84	40 - 160	P	01/29/2025	11:41	LB134477

Metals

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CRDL STANDARD FOR AA & ICP

Client: Portal Partners Tri-Venture SDG No.: Q1194
Contract: PORT06 Lab Code: CHEM Case No.: Q1194 SAS No.: Q1194
Initial Calibration Source: _____
Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Lead	10.4	12.0	87	40 - 160	P	01/29/2025	11:41	LB134477
	Magnesium	1990	2000	100	40 - 160	P	01/29/2025	11:41	LB134477
	Manganese	18.6	20.0	93	40 - 160	P	01/29/2025	11:41	LB134477
	Nickel	37.7	40.0	94	40 - 160	P	01/29/2025	11:41	LB134477
	Potassium	1920	2000	96	40 - 160	P	01/29/2025	11:41	LB134477
	Selenium	18.9	20.0	95	40 - 160	P	01/29/2025	11:41	LB134477
	Silver	10.3	10.0	103	40 - 160	P	01/29/2025	11:41	LB134477
	Sodium	1660	2000	83	40 - 160	P	01/29/2025	11:41	LB134477
	Thallium	38.8	40.0	97	40 - 160	P	01/29/2025	11:41	LB134477
	Vanadium	38.7	40.0	97	40 - 160	P	01/29/2025	11:41	LB134477
	Zinc	38.9	40.0	97	40 - 160	P	01/29/2025	11:41	LB134477
CRI01	Aluminum	84.9	100	85	40 - 160	P	01/30/2025	12:05	LB134493
	Antimony	47.1	50.0	94	40 - 160	P	01/30/2025	12:05	LB134493
	Arsenic	21.5	20.0	107	40 - 160	P	01/30/2025	12:05	LB134493
	Barium	90.1	100	90	40 - 160	P	01/30/2025	12:05	LB134493
	Beryllium	5.61	6.0	93	40 - 160	P	01/30/2025	12:05	LB134493
	Cadmium	5.56	6.0	93	40 - 160	P	01/30/2025	12:05	LB134493
	Calcium	1880	2000	94	40 - 160	P	01/30/2025	12:05	LB134493
	Chromium	9.97	10.0	100	40 - 160	P	01/30/2025	12:05	LB134493
	Cobalt	28.5	30.0	95	40 - 160	P	01/30/2025	12:05	LB134493
	Copper	21.8	20.0	109	40 - 160	P	01/30/2025	12:05	LB134493
	Iron	81.5	100	82	40 - 160	P	01/30/2025	12:05	LB134493
	Lead	10.9	12.0	91	40 - 160	P	01/30/2025	12:05	LB134493
	Magnesium	2010	2000	101	40 - 160	P	01/30/2025	12:05	LB134493
	Manganese	18.2	20.0	91	40 - 160	P	01/30/2025	12:05	LB134493
	Nickel	38.1	40.0	95	40 - 160	P	01/30/2025	12:05	LB134493
	Potassium	2030	2000	101	40 - 160	P	01/30/2025	12:05	LB134493
	Selenium	18.4	20.0	92	40 - 160	P	01/30/2025	12:05	LB134493
	Silver	11.1	10.0	111	40 - 160	P	01/30/2025	12:05	LB134493
	Sodium	2020	2000	101	40 - 160	P	01/30/2025	12:05	LB134493
	Thallium	40.0	40.0	100	40 - 160	P	01/30/2025	12:05	LB134493
	Vanadium	34.7	40.0	87	40 - 160	P	01/30/2025	12:05	LB134493
	Zinc	39.3	40.0	98	40 - 160	P	01/30/2025	12:05	LB134493

Metals
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INTERFERENCE CHECK SAMPLE

Client: Portal Partners Tri-Venture **SDG No.:** Q1194
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1194 **SAS No.:** Q1194
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	244000	255000	96	216000	294000	01/28/2025	12:30	LB134457
	Antimony	-3.33			-50	50	01/28/2025	12:30	LB134457
	Arsenic	4.75			-20	20	01/28/2025	12:30	LB134457
	Barium	4.88	6.0	81	-94	106	01/28/2025	12:30	LB134457
	Beryllium	1.29			-6	6	01/28/2025	12:30	LB134457
	Cadmium	2.52	1.0	252	-5	7	01/28/2025	12:30	LB134457
	Calcium	227000	245000	93	208000	282000	01/28/2025	12:30	LB134457
	Chromium	59.2	52.0	114	42	62	01/28/2025	12:30	LB134457
	Cobalt	1.79			-30	30	01/28/2025	12:30	LB134457
	Copper	21.1	2.0	1055	-18	22	01/28/2025	12:30	LB134457
	Iron	99800	101000	99	85600	116500	01/28/2025	12:30	LB134457
	Lead	6.31			-12	12	01/28/2025	12:30	LB134457
	Magnesium	245000	255000	96	216000	294000	01/28/2025	12:30	LB134457
	Manganese	11.6	7.0	166	-13	27	01/28/2025	12:30	LB134457
	Nickel	2.25	2.0	112	-38	42	01/28/2025	12:30	LB134457
	Potassium	254			0	0	01/28/2025	12:30	LB134457
	Selenium	-5.55			-20	20	01/28/2025	12:30	LB134457
	Silver	-0.39			-10	10	01/28/2025	12:30	LB134457
	Sodium	22.0			0	0	01/28/2025	12:30	LB134457
	Thallium	10.9			-40	40	01/28/2025	12:30	LB134457
	Vanadium	5.11			-40	40	01/28/2025	12:30	LB134457
	Zinc	3.26			-40	40	01/28/2025	12:30	LB134457
ICSAB01	Aluminum	244000	247000	99	209000	285000	01/28/2025	12:34	LB134457
	Antimony	630	618	102	525	711	01/28/2025	12:34	LB134457
	Arsenic	107	104	103	88.4	120	01/28/2025	12:34	LB134457
	Barium	456	537	85	437	637	01/28/2025	12:34	LB134457
	Beryllium	471	495	95	420	570	01/28/2025	12:34	LB134457
	Cadmium	1010	972	104	826	1120	01/28/2025	12:34	LB134457
	Calcium	225000	235000	96	199000	271000	01/28/2025	12:34	LB134457
	Chromium	580	542	107	460	624	01/28/2025	12:34	LB134457
	Cobalt	505	476	106	404	548	01/28/2025	12:34	LB134457
	Copper	512	511	100	434	588	01/28/2025	12:34	LB134457
	Iron	100000	99300	101	84400	114500	01/28/2025	12:34	LB134457
	Lead	58.0	49.0	118	37	61	01/28/2025	12:34	LB134457
	Magnesium	242000	248000	98	210000	286000	01/28/2025	12:34	LB134457
	Manganese	482	507	95	430	584	01/28/2025	12:34	LB134457
	Nickel	1010	954	106	810	1100	01/28/2025	12:34	LB134457
	Potassium	213			0	0	01/28/2025	12:34	LB134457
	Selenium	48.8	46.0	106	26	66	01/28/2025	12:34	LB134457
	Silver	220	201	110	170	232	01/28/2025	12:34	LB134457
	Sodium	19.6			0	0	01/28/2025	12:34	LB134457
	Thallium	97.0	108	90	68	148	01/28/2025	12:34	LB134457

Metals
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INTERFERENCE CHECK SAMPLE

Client: Portal Partners Tri-Venture **SDG No.:** Q1194
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1194 **SAS No.:** Q1194
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	464	491	94	417	565	01/28/2025	12:34	LB134457
	Zinc	1080	952	113	809	1095	01/28/2025	12:34	LB134457
ICSA01	Aluminum	244000	255000	96	216000	294000	01/29/2025	11:45	LB134477
	Antimony	-3.29			-50	50	01/29/2025	11:45	LB134477
	Arsenic	9.90			-20	20	01/29/2025	11:45	LB134477
	Barium	3.17	6.0	53	-94	106	01/29/2025	11:45	LB134477
	Beryllium	3.06			-6	6	01/29/2025	11:45	LB134477
	Cadmium	0.95	1.0	95	-5	7	01/29/2025	11:45	LB134477
	Calcium	227000	245000	93	208000	282000	01/29/2025	11:45	LB134477
	Chromium	58.0	52.0	112	42	62	01/29/2025	11:45	LB134477
	Cobalt	1.92			-30	30	01/29/2025	11:45	LB134477
	Copper	19.4	2.0	970	-18	22	01/29/2025	11:45	LB134477
	Iron	97600	101000	97	85600	116500	01/29/2025	11:45	LB134477
	Lead	7.59			-12	12	01/29/2025	11:45	LB134477
	Magnesium	249000	255000	98	216000	294000	01/29/2025	11:45	LB134477
	Manganese	10.0	7.0	143	-13	27	01/29/2025	11:45	LB134477
	Nickel	2.47	2.0	124	-38	42	01/29/2025	11:45	LB134477
	Potassium	255			0	0	01/29/2025	11:45	LB134477
	Selenium	-3.38			-20	20	01/29/2025	11:45	LB134477
	Silver	-1.73			-10	10	01/29/2025	11:45	LB134477
	Sodium	-59.3			0	0	01/29/2025	11:45	LB134477
	Thallium	13.6			-40	40	01/29/2025	11:45	LB134477
	Vanadium	3.58			-40	40	01/29/2025	11:45	LB134477
	Zinc	0.93			-40	40	01/29/2025	11:45	LB134477
ICSAB01	Aluminum	238000	247000	96	209000	285000	01/29/2025	12:02	LB134477
	Antimony	588	618	95	525	711	01/29/2025	12:02	LB134477
	Arsenic	110	104	106	88.4	120	01/29/2025	12:02	LB134477
	Barium	552	537	103	437	637	01/29/2025	12:02	LB134477
	Beryllium	482	495	97	420	570	01/29/2025	12:02	LB134477
	Cadmium	969	972	100	826	1120	01/29/2025	12:02	LB134477
	Calcium	220000	235000	94	199000	271000	01/29/2025	12:02	LB134477
	Chromium	557	542	103	460	624	01/29/2025	12:02	LB134477
	Cobalt	486	476	102	404	548	01/29/2025	12:02	LB134477
	Copper	496	511	97	434	588	01/29/2025	12:02	LB134477
	Iron	93300	99300	94	84400	114500	01/29/2025	12:02	LB134477
	Lead	54.6	49.0	111	37	61	01/29/2025	12:02	LB134477
	Magnesium	240000	248000	97	210000	286000	01/29/2025	12:02	LB134477
	Manganese	443	507	87	430	584	01/29/2025	12:02	LB134477
	Nickel	964	954	101	810	1100	01/29/2025	12:02	LB134477
	Potassium	331			0	0	01/29/2025	12:02	LB134477
	Selenium	43.0	46.0	94	26	66	01/29/2025	12:02	LB134477
	Silver	209	201	104	170	232	01/29/2025	12:02	LB134477

Metals
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INTERFERENCE CHECK SAMPLE

Client: Portal Partners Tri-Venture **SDG No.:** Q1194
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1194 **SAS No.:** Q1194
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	Sodium	-24.7			0	0	01/29/2025	12:02	LB134477
	Thallium	94.3	108	87	68	148	01/29/2025	12:02	LB134477
	Vanadium	452	491	92	417	565	01/29/2025	12:02	LB134477
	Zinc	1020	952	107	809	1095	01/29/2025	12:02	LB134477
ICSA01	Aluminum	235000	255000	92	216000	294000	01/30/2025	12:10	LB134493
	Antimony	-3.14			-50	50	01/30/2025	12:10	LB134493
	Arsenic	-3.20			-20	20	01/30/2025	12:10	LB134493
	Barium	1.95	6.0	32	-94	106	01/30/2025	12:10	LB134493
	Beryllium	1.36			-6	6	01/30/2025	12:10	LB134493
	Cadmium	-0.88	1.0	88	-5	7	01/30/2025	12:10	LB134493
	Calcium	218000	245000	89	208000	282000	01/30/2025	12:10	LB134493
	Chromium	56.0	52.0	108	42	62	01/30/2025	12:10	LB134493
	Cobalt	0.92			-30	30	01/30/2025	12:10	LB134493
	Copper	21.7	2.0	1085	-18	22	01/30/2025	12:10	LB134493
	Iron	92700	101000	92	85600	116500	01/30/2025	12:10	LB134493
	Lead	6.67			-12	12	01/30/2025	12:10	LB134493
	Magnesium	234000	255000	92	216000	294000	01/30/2025	12:10	LB134493
	Manganese	3.50	7.0	50	-13	27	01/30/2025	12:10	LB134493
	Nickel	2.07	2.0	104	-38	42	01/30/2025	12:10	LB134493
	Potassium	133			0	0	01/30/2025	12:10	LB134493
	Selenium	-14.4			-20	20	01/30/2025	12:10	LB134493
	Silver	-0.54			-10	10	01/30/2025	12:10	LB134493
	Sodium	23.8			0	0	01/30/2025	12:10	LB134493
	Thallium	11.1			-40	40	01/30/2025	12:10	LB134493
	Vanadium	5.11			-40	40	01/30/2025	12:10	LB134493
	Zinc	1.05			-40	40	01/30/2025	12:10	LB134493
ICSAB01	Aluminum	243000	247000	98	209000	285000	01/30/2025	12:28	LB134493
	Antimony	644	618	104	525	711	01/30/2025	12:28	LB134493
	Arsenic	118	104	114	88.4	120	01/30/2025	12:28	LB134493
	Barium	456	537	85	437	637	01/30/2025	12:28	LB134493
	Beryllium	475	495	96	420	570	01/30/2025	12:28	LB134493
	Cadmium	1020	972	105	826	1120	01/30/2025	12:28	LB134493
	Calcium	224000	235000	95	199000	271000	01/30/2025	12:28	LB134493
	Chromium	583	542	108	460	624	01/30/2025	12:28	LB134493
	Cobalt	514	476	108	404	548	01/30/2025	12:28	LB134493
	Copper	526	511	103	434	588	01/30/2025	12:28	LB134493
	Iron	99900	99300	101	84400	114500	01/30/2025	12:28	LB134493
	Lead	57.1	49.0	116	37	61	01/30/2025	12:28	LB134493
	Magnesium	241000	248000	97	210000	286000	01/30/2025	12:28	LB134493
	Manganese	448	507	88	430	584	01/30/2025	12:28	LB134493
	Nickel	1020	954	107	810	1100	01/30/2025	12:28	LB134493
	Potassium	109			0	0	01/30/2025	12:28	LB134493

Metals
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INTERFERENCE CHECK SAMPLE

Client: Portal Partners Tri-Venture **SDG No.:** Q1194
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1194 **SAS No.:** Q1194
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	Selenium	36.8	46.0	80	26	66	01/30/2025	12:28	LB134493
	Silver	222	201	110	170	232	01/30/2025	12:28	LB134493
	Sodium	7.13			0	0	01/30/2025	12:28	LB134493
	Thallium	104	108	96	68	148	01/30/2025	12:28	LB134493
	Vanadium	463	491	94	417	565	01/30/2025	12:28	LB134493
	Zinc	1080	952	113	809	1095	01/30/2025	12:28	LB134493



METAL QC DATA

metals
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MATRIX SPIKE SUMMARY

client: <u>Portal Partners Tri-Venture</u>	level: <u>low</u>	sdg no.: <u>Q1194</u>
contract: <u>PORT06</u>	lab code: <u>CHEM</u>	case no.: <u>Q1194</u> sas no.: <u>Q1194</u>
matrix: <u>Solid</u>	sample id: <u>Q1169-05</u>	client id: <u>SPILL-SITEMS</u>
Percent Solids for Sample: 89.7	Spiked ID: Q1169-05MS	Percent Solids for Spike Sample: 89.7

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.31		0.049		0.28	92		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Portal Partners Tri-Venture</u>	level: <u>low</u>	sdg no.: <u>Q1194</u>
contract: <u>PORT06</u>	lab code: <u>CHEM</u>	case no.: <u>Q1194</u> sas no.: <u>Q1194</u>
matrix: <u>Solid</u>	sample id: <u>Q1169-05</u>	client id: <u>SPILL-SITEMSD</u>
Percent Solids for Sample: 89.7	Spiked ID: Q1169-05MSD	Percent Solids for Spike Sample: 89.7

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.32		0.049		0.29	94		CV

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>Portal Partners Tri-Venture</u>	level: <u>low</u>	sdg no.: <u>Q1194</u>
contract: <u>PORT06</u>	lab code: <u>CHEM</u>	case no.: <u>Q1194</u> sas no.: <u>Q1194</u>
matrix: <u>Water</u>	sample id: <u>Q1193-01</u>	client id: <u>TAPIAL3-MW04S-012425-00-T3MS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q1193-01MS</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	82 - 119	4.52		0.20	U	4.0	113		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Portal Partners Tri-Venture</u>	level: <u>low</u>	sdg no.: <u>Q1194</u>
contract: <u>PORT06</u>	lab code: <u>CHEM</u>	case no.: <u>Q1194</u> sas no.: <u>Q1194</u>
matrix: <u>Water</u>	sample id: <u>Q1193-01</u>	client id: <u>TAPIAL3-MW04S-012425-00-T3MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q1193-01MSD</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	82 - 119	4.53		0.20	U	4.0	113		CV

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Portal Partners Tri-Venture **level:** low **sdg no.:** Q1194
contract: PORT06 **lab code:** CHEM **case no.:** Q1194 **sas no.:** Q1194
matrix: Solid **sample id:** Q1194-04 **client id:** B-113-SB02MS
Percent Solids for Sample: 64.7 **Spiked ID:** Q1194-04MS **Percent Solids for Spike Sample:** 64.7

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	10800		10400		150	332		P
Antimony	mg/Kg	75 - 125	43.6		3.51	U	58.1	75		P
Arsenic	mg/Kg	75 - 125	52.7		7.87		58.1	77		P
Barium	mg/Kg	75 - 125	40.0		28.3		14.5	81		P
Beryllium	mg/Kg	75 - 125	10.8		0.89		14.5	68	N	P
Cadmium	mg/Kg	75 - 125	13.9		0.40	J	14.5	93		P
Calcium	mg/Kg	75 - 125	1630		1530		72.6	145		P
Chromium	mg/Kg	75 - 125	46.2		24.2		29.0	76		P
Cobalt	mg/Kg	75 - 125	26.7		12.7		14.5	97		P
Copper	mg/Kg	75 - 125	33.2		16.0		21.8	79		P
Iron	mg/Kg	75 - 125	27000		27100		220	-56		P
Lead	mg/Kg	75 - 125	80.8		14.3		72.6	91		P
Magnesium	mg/Kg	75 - 125	5320		5000		150	213		P
Manganese	mg/Kg	75 - 125	355		330		14.5	173		P
Nickel	mg/Kg	75 - 125	60.7		26.3		36.3	95		P
Potassium	mg/Kg	75 - 125	2520		1980		730	74	N	P
Selenium	mg/Kg	75 - 125	103		1.41	U	150	69	N	P
Silver	mg/Kg	75 - 125	4.21		0.15	J	5.4	75		P
Sodium	mg/Kg	75 - 125	1100		940		220	71		P
Thallium	mg/Kg	75 - 125	134		0.64	J	150	89		P
Vanadium	mg/Kg	75 - 125	42.9		26.2		21.8	76		P
Zinc	mg/Kg	75 - 125	73.6		62.0		14.5	80		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Portal Partners Tri-Venture **level:** low **sdg no.:** Q1194
contract: PORT06 **lab code:** CHEM **case no.:** Q1194 **sas no.:** Q1194
matrix: Solid **sample id:** Q1194-04 **client id:** B-113-SB02MSD
Percent Solids for Sample: 64.7 **Spiked ID:** Q1194-04MSD **Percent Solids for Spike Sample:** 64.7

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	9650		10400		130	-543		P
Antimony	mg/Kg	75 - 125	39.0		3.51	U	51.1	76		P
Arsenic	mg/Kg	75 - 125	47.4		7.87		51.1	77		P
Barium	mg/Kg	75 - 125	35.3		28.3		12.8	54	N	P
Beryllium	mg/Kg	75 - 125	9.46		0.89		12.8	67	N	P
Cadmium	mg/Kg	75 - 125	12.4		0.40	J	12.8	94		P
Calcium	mg/Kg	75 - 125	1450		1530		63.9	-123		P
Chromium	mg/Kg	75 - 125	41.3		24.2		25.5	67	N	P
Cobalt	mg/Kg	75 - 125	23.9		12.7		12.8	87		P
Copper	mg/Kg	75 - 125	29.1		16.0		19.2	68	N	P
Iron	mg/Kg	75 - 125	24500		27100		190	-1359		P
Lead	mg/Kg	75 - 125	72.4		14.3		63.9	91		P
Magnesium	mg/Kg	75 - 125	4700		5000		130	-228		P
Manganese	mg/Kg	75 - 125	313		330		12.8	-138		P
Nickel	mg/Kg	75 - 125	54.3		26.3		31.9	88		P
Potassium	mg/Kg	75 - 125	2290		1980		640	49	N	P
Selenium	mg/Kg	75 - 125	93.6		1.41	U	130	72	N	P
Silver	mg/Kg	75 - 125	3.85		0.15	J	4.8	77		P
Sodium	mg/Kg	75 - 125	998		940		190	30		P
Thallium	mg/Kg	75 - 125	121		0.64	J	130	92		P
Vanadium	mg/Kg	75 - 125	37.8		26.2		19.2	61	N	P
Zinc	mg/Kg	75 - 125	65.8		62.0		12.8	30		P

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>Portal Partners Tri-Venture</u>	level: <u>low</u>	sdg no.: <u>Q1194</u>
contract: <u>PORT06</u>	lab code: <u>CHEM</u>	case no.: <u>Q1194</u> sas no.: <u>Q1194</u>
matrix: <u>Water</u>	sample id: <u>Q1194-08</u>	client id: <u>EBMS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q1194-08MS</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	977		50.0	U	1000	98		P
Antimony	ug/L	75 - 125	396		25.0	U	400	99		P
Arsenic	ug/L	75 - 125	387		10.0	U	400	97		P
Barium	ug/L	75 - 125	90.8		50.0	U	100	91		P
Beryllium	ug/L	75 - 125	88.4		3.00	U	100	88		P
Cadmium	ug/L	75 - 125	91.5		3.00	U	100	92		P
Calcium	ug/L	75 - 125	488	J	1000	U	500	98		P
Chromium	ug/L	75 - 125	211		5.00	U	200	106		P
Cobalt	ug/L	75 - 125	95.3		15.0	U	100	95		P
Copper	ug/L	75 - 125	154		10.0	U	150	103		P
Iron	ug/L	75 - 125	1470		50.0	U	1500	98		P
Lead	ug/L	75 - 125	463		6.00	U	500	93		P
Magnesium	ug/L	75 - 125	919	J	1000	U	1000	92		P
Manganese	ug/L	75 - 125	92.2		21.3		100	71	N	P
Nickel	ug/L	75 - 125	238		20.0	U	250	95		P
Potassium	ug/L	75 - 125	4680		1000	U	5000	94		P
Selenium	ug/L	75 - 125	916		10.0	U	1000	92		P
Silver	ug/L	75 - 125	36.4		0.72	J	37.5	95		P
Sodium	ug/L	75 - 125	1320		1000	U	1500	88		P
Thallium	ug/L	75 - 125	922		20.0	U	1000	92		P
Vanadium	ug/L	75 - 125	145		20.0	U	150	97		P
Zinc	ug/L	75 - 125	102		20.0	U	100	102		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Portal Partners Tri-Venture</u>	level: <u>low</u>	sdg no.: <u>Q1194</u>
contract: <u>PORT06</u>	lab code: <u>CHEM</u>	case no.: <u>Q1194</u> sas no.: <u>Q1194</u>
matrix: <u>Water</u>	sample id: <u>Q1194-08</u>	client id: <u>EBMSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q1194-08MSD</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	980		50.0	U	1000	98		P
Antimony	ug/L	75 - 125	400		25.0	U	400	100		P
Arsenic	ug/L	75 - 125	389		10.0	U	400	97		P
Barium	ug/L	75 - 125	93.8		50.0	U	100	94		P
Beryllium	ug/L	75 - 125	87.2		3.00	U	100	87		P
Cadmium	ug/L	75 - 125	91.6		3.00	U	100	92		P
Calcium	ug/L	75 - 125	493	J	1000	U	500	99		P
Chromium	ug/L	75 - 125	210		5.00	U	200	105		P
Cobalt	ug/L	75 - 125	95.0		15.0	U	100	95		P
Copper	ug/L	75 - 125	155		10.0	U	150	103		P
Iron	ug/L	75 - 125	1500		50.0	U	1500	100		P
Lead	ug/L	75 - 125	465		6.00	U	500	93		P
Magnesium	ug/L	75 - 125	924	J	1000	U	1000	92		P
Manganese	ug/L	75 - 125	94.4		21.3		100	73	N	P
Nickel	ug/L	75 - 125	239		20.0	U	250	96		P
Potassium	ug/L	75 - 125	4900		1000	U	5000	98		P
Selenium	ug/L	75 - 125	924		10.0	U	1000	92		P
Silver	ug/L	75 - 125	36.3		0.72	J	37.5	95		P
Sodium	ug/L	75 - 125	1420		1000	U	1500	95		P
Thallium	ug/L	75 - 125	931		20.0	U	1000	93		P
Vanadium	ug/L	75 - 125	146		20.0	U	150	97		P
Zinc	ug/L	75 - 125	102		20.0	U	100	102		P

Metals
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POST DIGEST SPIKE SUMMARY

Client: <u>Portal Partners Tri-Venture</u>	SDG No.: <u>Q1194</u>	
Contract: <u>PORT06</u>	Lab Code: <u>CHEM</u>	Case No.: <u>Q1194</u> SAS No.: <u>Q1194</u>
Matrix: <u>Solid</u>	Level: <u>LOW</u>	Client ID: <u>B-113-SB02A</u>
Sample ID: <u>Q1194-04</u>	Spiked ID: <u>Q1194-04A</u>	

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Barium	mg/Kg	75 - 125	38.3		28.3		14.1	71		P
Beryllium	mg/Kg	75 - 125	10.5		0.89		14.1	68		P
Chromium	mg/Kg	75 - 125	45.8		24.2		28.1	77		P
Copper	mg/Kg	75 - 125	32.8		16.0		21.1	80		P
Potassium	mg/Kg	75 - 125	2490		1980		700	72		P
Selenium	mg/Kg	75 - 125	104		1.41	U	140	74		P
Vanadium	mg/Kg	75 - 125	41.4		26.2		21.1	72		P



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Fax : 908 789 8922

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client:

Portal Partners Tri-Venture

Contract:

PORT06

Matrix:

Water

Sample ID:

Q1194-08

SDG No.:

Q1194

Lab Code:

CHEM

Case No.:

Q1194

SAS No.:

Q1194

Level:

LOW

Client ID:

EBA

Spiked ID:

Q1194-08A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Manganese	ug/L	75 - 125	93.0		21.3		100	72		P

- A
- B
- C
- D
- E
- F
- G
- H
- I
- J

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>Portal Partners Tri-Venture</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q1194</u>
Contract:	<u>PORT06</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1194</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q1169-05</u>	Client ID:	<u>SPILL-SITEDUP</u>
Percent Solids for Sample:	89.7	Duplicate ID	Q1169-05DUP	Percent Solids for Spike Sample:	89.7

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.049		0.052		6		CV

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>Portal Partners Tri-Venture</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q1194</u>
Contract:	<u>PORT06</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1194</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q1169-05MS</u>	Client ID:	<u>SPILL-SITEMSD</u>
Percent Solids for Sample:	89.7	Duplicate ID	Q1169-05MSD	Percent Solids for Spike Sample:	89.7

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.31		0.32		5		CV

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>Portal Partners Tri-Venture</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q1194</u>
Contract:	<u>PORT06</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1194</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q1193-01</u>	Client ID:	<u>TAPIAL3-MW04S-012425-00-T3DUP</u>
Percent Solids for Sample:	NA	Duplicate ID	Q1193-01DUP	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	0.20	U	0.20	U			CV

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>Portal Partners Tri-Venture</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q1194</u>
Contract:	<u>PORT06</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1194</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q1193-01MS</u>	Client ID:	<u>TAPIAL3-MW04S-012425-00-T3MSD</u>
Percent Solids for Sample:	NA	Duplicate ID	Q1193-01MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	4.52		4.53		0		CV

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q1194
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1194 **SAS No.:** Q1194
Matrix: Solid **Sample ID:** Q1194-04 **Client ID:** B-113-SB02DUP
Percent Solids for Sample: 64.7 **Duplicate ID** Q1194-04DUP **Percent Solids for Spike Sample:** 64.7

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	10400		9520		9		P
Antimony	mg/Kg	20	3.51	U	3.22	U			P
Arsenic	mg/Kg	20	7.87		7.34		7		P
Barium	mg/Kg	20	28.3		25.6		10		P
Beryllium	mg/Kg	20	0.89		0.84		7		P
Cadmium	mg/Kg	20	0.40	J	0.62		43	*	P
Calcium	mg/Kg	20	1530		1410		8		P
Chromium	mg/Kg	20	24.2		22.1		9		P
Cobalt	mg/Kg	20	12.7		12.1		5		P
Copper	mg/Kg	20	16.0		16.1		1		P
Iron	mg/Kg	20	27100		24400		10		P
Lead	mg/Kg	20	14.3		13.8		4		P
Magnesium	mg/Kg	20	5000		4590		9		P
Manganese	mg/Kg	20	330		300		10		P
Nickel	mg/Kg	20	26.3		24.9		5		P
Potassium	mg/Kg	20	1980		1760		12		P
Selenium	mg/Kg	20	1.41	U	1.29	U			P
Silver	mg/Kg	20	0.15	J	0.64	U	200.0		P
Sodium	mg/Kg	20	940		837		12		P
Thallium	mg/Kg	20	0.64	J	0.63	J	2		P
Vanadium	mg/Kg	20	26.2		23.9		9		P
Zinc	mg/Kg	20	62.0		56.5		9		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q1194
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1194 **SAS No.:** Q1194
Matrix: Solid **Sample ID:** Q1194-04MS **Client ID:** B-113-SB02MSD
Percent Solids for Sample: 64.7 **Duplicate ID** Q1194-04MSD **Percent Solids for Spike Sample:** 64.7

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	10800		9650		11		P
Antimony	mg/Kg	20	43.6		39.0		11		P
Arsenic	mg/Kg	20	52.7		47.4		11		P
Barium	mg/Kg	20	40.0		35.3		12		P
Beryllium	mg/Kg	20	10.8		9.46		13		P
Cadmium	mg/Kg	20	13.9		12.4		11		P
Calcium	mg/Kg	20	1630		1450		12		P
Chromium	mg/Kg	20	46.2		41.3		11		P
Cobalt	mg/Kg	20	26.7		23.9		11		P
Copper	mg/Kg	20	33.2		29.1		13		P
Iron	mg/Kg	20	27000		24500		10		P
Lead	mg/Kg	20	80.8		72.4		11		P
Magnesium	mg/Kg	20	5320		4700		12		P
Manganese	mg/Kg	20	355		313		13		P
Nickel	mg/Kg	20	60.7		54.3		11		P
Potassium	mg/Kg	20	2520		2290		10		P
Selenium	mg/Kg	20	103		93.6		10		P
Silver	mg/Kg	20	4.21		3.85		9		P
Sodium	mg/Kg	20	1100		998		10		P
Thallium	mg/Kg	20	134		121		10		P
Vanadium	mg/Kg	20	42.9		37.8		13		P
Zinc	mg/Kg	20	73.6		65.8		11		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q1194
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1194 **SAS No.:** Q1194
Matrix: Water **Sample ID:** Q1194-08 **Client ID:** EBDUP
Percent Solids for Sample: NA **Duplicate ID** Q1194-08DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	50.0	U	50.0	U			P
Antimony	ug/L	20	25.0	U	25.0	U			P
Arsenic	ug/L	20	10.0	U	10.0	U			P
Barium	ug/L	20	50.0	U	50.0	U			P
Beryllium	ug/L	20	3.00	U	3.00	U			P
Cadmium	ug/L	20	3.00	U	3.00	U			P
Calcium	ug/L	20	1000	U	1000	U			P
Chromium	ug/L	20	5.00	U	5.00	U			P
Cobalt	ug/L	20	15.0	U	15.0	U			P
Copper	ug/L	20	10.0	U	10.0	U			P
Iron	ug/L	20	50.0	U	50.0	U			P
Lead	ug/L	20	6.00	U	6.00	U			P
Magnesium	ug/L	20	1000	U	1000	U			P
Manganese	ug/L	20	21.3		21.1		1		P
Nickel	ug/L	20	20.0	U	20.0	U			P
Potassium	ug/L	20	1000	U	1000	U			P
Selenium	ug/L	20	10.0	U	10.0	U			P
Silver	ug/L	20	0.72	J	0.70	J	3		P
Sodium	ug/L	20	1000	U	1000	U			P
Thallium	ug/L	20	20.0	U	20.0	U			P
Vanadium	ug/L	20	20.0	U	20.0	U			P
Zinc	ug/L	20	20.0	U	20.0	U			P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q1194
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1194 **SAS No.:** Q1194
Matrix: Water **Sample ID:** Q1194-08MS **Client ID:** EBMSD
Percent Solids for Sample: NA **Duplicate ID** Q1194-08MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	977		980		0		P
Antimony	ug/L	20	396		400		1		P
Arsenic	ug/L	20	387		389		1		P
Barium	ug/L	20	90.8		93.8		3		P
Beryllium	ug/L	20	88.4		87.2		1		P
Cadmium	ug/L	20	91.5		91.6		0		P
Calcium	ug/L	20	488	J	493	J	1		P
Chromium	ug/L	20	211		210		0		P
Cobalt	ug/L	20	95.3		95.0		0		P
Copper	ug/L	20	154		155		1		P
Iron	ug/L	20	1470		1500		2		P
Lead	ug/L	20	463		465		0		P
Magnesium	ug/L	20	919	J	924	J	1		P
Manganese	ug/L	20	92.2		94.4		2		P
Nickel	ug/L	20	238		239		0		P
Potassium	ug/L	20	4680		4900		5		P
Selenium	ug/L	20	916		924		1		P
Silver	ug/L	20	36.4		36.3		0		P
Sodium	ug/L	20	1320		1420		7		P
Thallium	ug/L	20	922		931		1		P
Vanadium	ug/L	20	145		146		1		P
Zinc	ug/L	20	102		102		0		P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1194
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1194 **SAS No.:** Q1194

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB166283BS							
Aluminum	ug/L	1000	909		91	80 - 120	P
Antimony	ug/L	400	380		95	80 - 120	P
Arsenic	ug/L	400	383		96	80 - 120	P
Barium	ug/L	100	84.8		85	80 - 120	P
Beryllium	ug/L	100	89.5		90	80 - 120	P
Cadmium	ug/L	100	91.4		91	80 - 120	P
Calcium	ug/L	500	457	J	91	80 - 120	P
Chromium	ug/L	200	197		98	80 - 120	P
Cobalt	ug/L	100	91.5		92	80 - 120	P
Copper	ug/L	150	149		99	80 - 120	P
Iron	ug/L	1500	1390		93	80 - 120	P
Lead	ug/L	500	468		94	80 - 120	P
Magnesium	ug/L	1000	871	J	87	80 - 120	P
Manganese	ug/L	100	86.3		86	80 - 120	P
Nickel	ug/L	250	232		93	80 - 120	P
Potassium	ug/L	5000	4490		90	80 - 120	P
Selenium	ug/L	1000	955		96	80 - 120	P
Silver	ug/L	37.5	36.1		96	80 - 120	P
Sodium	ug/L	1500	1270		85	80 - 120	P
Thallium	ug/L	1000	975		98	80 - 120	P
Vanadium	ug/L	150	134		89	80 - 120	P
Zinc	ug/L	100	97.8		98	80 - 120	P

Metals

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: Portal Partners Tri-Venture SDG No.: Q1194
Contract: PORT06 Lab Code: CHEM Case No.: Q1194 SAS No.: Q1194

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB166289BS Mercury	mg/Kg	0.28	0.27		95	80 - 120	CV

Metals

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1194
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1194 **SAS No.:** Q1194

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB166291BS Mercury	ug/L	4.0	4.51		113	82 - 119	CV

Metals

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q1194
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q1194 **SAS No.:** Q1194

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB166298BS							
Aluminum	mg/Kg	86.2	80.0		93	80 - 120	P
Antimony	mg/Kg	34.5	31.9		92	80 - 120	P
Arsenic	mg/Kg	34.5	33.4		97	80 - 120	P
Barium	mg/Kg	8.6	7.43		86	80 - 120	P
Beryllium	mg/Kg	8.6	8.12		94	80 - 120	P
Cadmium	mg/Kg	8.6	8.03		93	80 - 120	P
Calcium	mg/Kg	43.1	39.5	J	92	80 - 120	P
Chromium	mg/Kg	17.2	17.0		99	80 - 120	P
Cobalt	mg/Kg	8.6	8.00		93	80 - 120	P
Copper	mg/Kg	12.9	12.7		98	80 - 120	P
Iron	mg/Kg	130	120		92	80 - 120	P
Lead	mg/Kg	43.1	40.3		94	80 - 120	P
Magnesium	mg/Kg	86.2	79.2	J	92	80 - 120	P
Manganese	mg/Kg	8.6	7.75		90	80 - 120	P
Nickel	mg/Kg	21.6	20.2		94	80 - 120	P
Potassium	mg/Kg	430	392		91	80 - 120	P
Selenium	mg/Kg	86.2	81.3		94	80 - 120	P
Silver	mg/Kg	3.2	3.10		97	80 - 120	P
Sodium	mg/Kg	130	107		82	80 - 120	P
Thallium	mg/Kg	86.2	84.5		98	80 - 120	P
Vanadium	mg/Kg	12.9	11.9		92	80 - 120	P
Zinc	mg/Kg	8.6	8.37		97	80 - 120	P

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

SPILL-SITEL

Lab Name: Chemtech Consulting Group

Contract: PORT06

Lab Code: CHEM Lb No.: lb134437 Lab Sample ID : Q1169-05L SDG No.: Q1194

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	0.049	0.051 J	3		CV

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

TAPIAL3-MW04S-012425-00-T3L

Lab Name: Chemtech Consulting Group

Contract: PORT06

Lab Code: CHEM

Lb No.: lb134454

Lab Sample ID : Q1193-01L

SDG No.: Q1194

Matrix (soil/water): Water

Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I) C	Serial Dilution Result (S) C	% Differ- ence	Q	M
Mercury	0.20 U	1.00 U			CV

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

B-113-SB02L

Lab Name: Chemtech Consulting Group

Contract: PORT06

Lab Code: CHEM Lb No.: lb134493 Lab Sample ID : Q1194-04L SDG No.: Q1194

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	10400		12400		20		P
Antimony	3.51	U	17.6	U			P
Arsenic	7.87		9.53		21		P
Barium	28.3		33.9	J	20		P
Beryllium	0.89		1.19	J	33		P
Cadmium	0.40	J	2.11	U	100.0		P
Calcium	1530		1900		24		P
Chromium	24.2		29.7		23		P
Cobalt	12.7		12.7		0		P
Copper	16.0		21.9		37		P
Iron	27100		32900		21		P
Lead	14.3		14.9		4		P
Magnesium	5000		6150		23		P
Manganese	330		411		24		P
Nickel	26.3		26.8		2		P
Potassium	1980		2280		15		P
Selenium	1.41	U	7.03	U			P
Silver	0.15	J	3.51	U	100.0		P
Sodium	940		1080		15		P
Thallium	0.64	J	14.1	U	100.0		P
Vanadium	26.2		31.9		22		P
Zinc	62.0		74.6		20		P

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

EBL

Lab Name: Chemtech Consulting Group

Contract: PORT06

Lab Code: CHEM Lb No.: lb134457 Lab Sample ID : Q1194-08L SDG No.: Q1194

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

Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ- ence	Q	M
		C		C			
Aluminum	50.0	U	250	U			P
Antimony	25.0	U	125	U			P
Arsenic	10.0	U	50.0	U			P
Barium	50.0	U	250	U			P
Beryllium	3.00	U	15.0	U			P
Cadmium	3.00	U	15.0	U			P
Calcium	1000	U	5000	U			P
Chromium	5.00	U	25.0	U			P
Cobalt	15.0	U	75.0	U			P
Copper	10.0	U	50.0	U			P
Iron	50.0	U	250	U			P
Lead	6.00	U	30.0	U			P
Magnesium	1000	U	5000	U			P
Manganese	21.3		20.8	J	2		P
Nickel	20.0	U	100	U			P
Potassium	1000	U	5000	U			P
Selenium	10.0	U	50.0	U			P
Silver	0.72	J	25.0	U	100.0		P
Sodium	1000	U	5000	U			P
Thallium	20.0	U	100	U			P
Vanadium	20.0	U	100	U			P
Zinc	20.0	U	100	U			P

metals
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ANALYSIS RUN LOG

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

Lab code: CHEM **Case no.:** Q1194 **Sas no.:** Q1194 **Sdg no.:** Q1194

Instrument id number: **Method:** **Run number:** LB134437

Start date: 01/27/2025 **End date:** 01/27/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1709	HG
S0.2	S0.2	1	1711	HG
S2.5	S2.5	1	1714	HG
S5	S5	1	1718	HG
S7.5	S7.5	1	1723	HG
S10	S10	1	1735	HG
ICV70	ICV70	1	1742	HG
ICB70	ICB70	1	1744	HG
CCV74	CCV74	1	1746	HG
CCB74	CCB74	1	1748	HG
CRA	CRA	1	1751	HG
PB166289BL	PB166289BL	1	1758	HG
PB166289BS	PB166289BS	1	1803	HG
Q1169-05DUP	SPILL-SITEDUP	1	1812	HG
Q1169-05MS	SPILL-SITEMS	1	1814	HG
CCV75	CCV75	1	1817	HG
CCB75	CCB75	1	1819	HG
Q1169-05MSD	SPILL-SITEMSD	1	1821	HG
Q1194-01	B-110-SB01	1	1830	HG
Q1194-03	B-113-SB01	1	1835	HG
Q1194-04	B-113-SB02	1	1838	HG
Q1169-05L	SPILL-SITEL	5	1842	HG
CCV76	CCV76	1	1846	HG
CCB76	CCB76	1	1848	HG
Q1194-02	B-110-SB02	10	1852	HG
CCV77	CCV77	1	1854	HG
CCB77	CCB77	1	1856	HG

metals
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ANALYSIS RUN LOG

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

Lab code: CHEM **Case no.:** Q1194 **Sas no.:** Q1194 **Sdg no.:** Q1194

Instrument id number: **Method:** **Run number:** LB134454

Start date: 01/28/2025 **End date:** 01/28/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1202	HG
S0.2	S0.2	1	1204	HG
S2.5	S2.5	1	1207	HG
S5	S5	1	1209	HG
S7.5	S7.5	1	1211	HG
S10	S10	1	1234	HG
ICV72	ICV72	1	1239	HG
ICB72	ICB72	1	1242	HG
CCV79	CCV79	1	1244	HG
CCB79	CCB79	1	1246	HG
CRA	CRA	1	1249	HG
CCV80	CCV80	1	1311	HG
CCB80	CCB80	1	1314	HG
PB166291BL	PB166291BL	1	1323	HG
PB166291BS	PB166291BS	1	1327	HG
Q1193-01DUP	TAPIAL3-MW04S-012425-00-T	1	1332	HG
Q1193-01MS	TAPIAL3-MW04S-012425-00-T	1	1334	HG
Q1193-01MSD	TAPIAL3-MW04S-012425-00-T	1	1337	HG
Q1194-08	EB	1	1341	HG
CCV81	CCV81	1	1346	HG
CCB81	CCB81	1	1348	HG
Q1193-01L	TAPIAL3-MW04S-012425-00-T	5	1358	HG
CCV82	CCV82	1	1407	HG
CCB82	CCB82	1	1409	HG

metals
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ANALYSIS RUN LOG

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

Lab code: CHEM **Case no.:** Q1194 **Sas no.:** Q1194 **Sdg no.:** Q1194

Instrument id number: **Method:** **Run number:** LB134457

Start date: 01/28/2025 **End date:** 01/28/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1125	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	1130	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	1134	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	1138	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	1143	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	1147	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	1203	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	1208	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	1221	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	1226	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	1230	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	1234	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	1239	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	1243	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1194-08	EB	1	1322	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1194-08DUP	EBDUP	1	1326	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1194-08L	EBL	5	1330	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	1342	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	1346	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1194-08MS	EBMS	1	1351	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1194-08MSD	EBMSD	1	1355	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1194-08A	EBA	1	1359	Mn
PB166283BL	PB166283BL	1	1403	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB166283BS	PB166283BS	1	1407	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	1433	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	1437	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	1532	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	1536	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	1552	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	1556	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

metals
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ANALYSIS RUN LOG

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

Lab code: CHEM **Case no.:** Q1194 **Sas no.:** Q1194 **Sdg no.:** Q1194

Instrument id number: **Method:** **Run number:** LB134477

Start date: 01/29/2025 **End date:** 01/29/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1051	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	1055	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	1059	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	1103	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	1108	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	1112	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	1116	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	1132	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	1137	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	1141	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	1145	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	1202	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	1206	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	1210	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1194-01	B-110-SB01	1	1215	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1194-02	B-110-SB02	1	1219	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1194-03	B-113-SB01	1	1223	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB166298BL	PB166298BL	1	1301	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	1312	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	1316	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB166298BS	PB166298BS	1	1320	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	1401	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	1406	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	1424	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	1428	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

metals
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ANALYSIS RUN LOG

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

Lab code: CHEM **Case no.:** Q1194 **Sas no.:** Q1194 **Sdg no.:** Q1194

Instrument id number: **Method:** **Run number:** LB134493

Start date: 01/30/2025 **End date:** 01/30/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1107	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	1112	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	1116	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	1120	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	1125	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	1129	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	1149	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	1156	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	1200	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	1205	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	1210	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	1228	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	1241	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	1247	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	1333	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	1337	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	1434	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	1438	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	1525	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	1529	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	1624	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	1628	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	1719	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	1724	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1194-04	B-113-SB02	1	1803	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1194-04DUP	B-113-SB02DUP	1	1807	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	1811	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	1815	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1194-04L	B-113-SB02L	5	1819	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1194-04MS	B-113-SB02MS	1	1824	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1194-04MSD	B-113-SB02MSD	1	1828	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1194-04A	B-113-SB02A	1	1832	Ba,Be,Cr,Cu,K,Se,V
CCV08	CCV08	1	1845	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	1851	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

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ICP INTERELEMENT CORRECTION FACTORS

Client: Portal Partners Tri-Venture

SDG No.: Q1194

Contract: PORT06

Lab Code: CHEM

Case No.: Q1194

SAS No.: Q1194

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

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ICP INTERELEMENT CORRECTION FACTORS

Client: Portal Partners Tri-Venture

SDG No.: Q1194

Contract: PORT06

Lab Code: CHEM

Case No.: Q1194

SAS No.: Q1194

Instrument ID:

Date:

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement 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

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ICP INTERELEMEN CORRECTION FACTORS

Client: Portal Partners Tri-Venture

SDG No.: Q1194

Contract: PORT06

Lab Code: CHEM

Case No.: Q1194

SAS No.: Q1194

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

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ICP INTERELEMENT CORRECTION FACTORS

Client: Portal Partners Tri-Venture

SDG No.: Q1194

Contract: PORT06

Lab Code: CHEM

Case No.: Q1194

SAS No.: Q1194

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

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ICP INTERELEMENT CORRECTION FACTORS

Client: Portal Partners Tri-Venture

SDG No.: Q1194

Contract: PORT06

Lab Code: CHEM

Case No.: Q1194

SAS No.: Q1194

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Sn	Ti	Tl	V	Zn
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:	Q1194	OrderDate:	1/27/2025 9:35:00 AM
Client:	Portal Partners Tri-Venture	Project:	Amtrak Sawtooth Bridges 2025
Contact:	Joseph Krupansky	Location:	N41,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1194-01	B-110-SB01	SOIL			01/25/25			01/27/25
			Mercury	7471B		01/27/25	01/27/25	
			Metals ICP-TAL	6010D		01/28/25	01/29/25	
Q1194-02	B-110-SB02	SOIL			01/25/25			01/27/25
			Mercury	7471B		01/27/25	01/27/25	
			Metals ICP-TAL	6010D		01/28/25	01/29/25	
Q1194-03	B-113-SB01	SOIL			01/25/25			01/27/25
			Mercury	7471B		01/27/25	01/27/25	
			Metals ICP-TAL	6010D		01/28/25	01/29/25	
Q1194-04	B-113-SB02	SOIL			01/25/25			01/27/25
			Mercury	7471B		01/27/25	01/27/25	
			Metals ICP-TAL	6010D		01/28/25	01/30/25	
Q1194-08	EB	Water			01/25/25			01/27/25
			Mercury	7470A		01/28/25	01/28/25	
			Metals ICP-TAL	6010D		01/27/25	01/28/25	



METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client:	<u>Portal Partners Tri-Venture</u>	SDG No.:	<u>Q1194</u>
Contract:	<u>PORT06</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>Q1194</u>
		SAS No.:	<u>Q1194</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB166283							
PB166283BL	PB166283BL	MB	WATER	01/27/2025	50.0	25.0	
PB166283BS	PB166283BS	LCS	WATER	01/27/2025	50.0	25.0	
Q1194-08	EB	SAM	WATER	01/27/2025	50.0	25.0	
Q1194-08DUP	EBDUP	DUP	WATER	01/27/2025	50.0	25.0	
Q1194-08MS	EBMS	MS	WATER	01/27/2025	50.0	25.0	
Q1194-08MSD	EBMSD	MSD	WATER	01/27/2025	50.0	25.0	

Metals

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SAMPLE PREPARATION SUMMARY

Client:	<u>Portal Partners Tri-Venture</u>	SDG No.:	<u>Q1194</u>
Contract:	<u>PORT06</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>Q1194</u>
		SAS No.:	<u>Q1194</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB166289							
PB166289BL	PB166289BL	MB	SOLID	01/27/2025	0.58	35.0	100.00
PB166289BS	PB166289BS	LCS	SOLID	01/27/2025	0.50	35.0	100.00
Q1169-05DUP	SPILL-SITEDUP	DUP	SOLID	01/27/2025	0.52	35.0	89.70
Q1169-05MS	SPILL-SITEMS	MS	SOLID	01/27/2025	0.56	35.0	89.70
Q1169-05MSD	SPILL-SITEMSD	MSD	SOLID	01/27/2025	0.53	35.0	89.70
Q1194-01	B-110-SB01	SAM	SOLID	01/27/2025	0.53	35.0	88.30
Q1194-02	B-110-SB02	SAM	SOLID	01/27/2025	0.56	35.0	57.00
Q1194-03	B-113-SB01	SAM	SOLID	01/27/2025	0.59	35.0	86.90
Q1194-04	B-113-SB02	SAM	SOLID	01/27/2025	0.56	35.0	64.70

Metals

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SAMPLE PREPARATION SUMMARY

Client:	<u>Portal Partners Tri-Venture</u>	SDG No.:	<u>Q1194</u>
Contract:	<u>PORT06</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>Q1194</u>
		SAS No.:	<u>Q1194</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB166291							
PB166291BL	PB166291BL	MB	WATER	01/28/2025	30.0	30.0	
PB166291BS	PB166291BS	LCS	WATER	01/28/2025	30.0	30.0	
Q1193-01DUP	TAPIAL3-MW04S-012425-00-T3DUP	DUP	WATER	01/28/2025	30.0	30.0	
Q1193-01MS	TAPIAL3-MW04S-012425-00-T3MS	MS	WATER	01/28/2025	30.0	30.0	
Q1193-01MSD	TAPIAL3-MW04S-012425-00-T3MSD	MSD	WATER	01/28/2025	30.0	30.0	
Q1194-08	EB	SAM	WATER	01/28/2025	30.0	30.0	

Metals

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SAMPLE PREPARATION SUMMARY

Client:	<u>Portal Partners Tri-Venture</u>	SDG No.:	<u>Q1194</u>
Contract:	<u>PORT06</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>Q1194</u>
		SAS No.:	<u>Q1194</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB166298							
PB166298BL	PB166298BL	MB	SOLID	01/28/2025	2.32	100.0	100.00
PB166298BS	PB166298BS	LCS	SOLID	01/28/2025	2.32	100.0	100.00
Q1194-01	B-110-SB01	SAM	SOLID	01/28/2025	2.36	100.0	88.30
Q1194-02	B-110-SB02	SAM	SOLID	01/28/2025	2.40	100.0	57.00
Q1194-03	B-113-SB01	SAM	SOLID	01/28/2025	2.27	100.0	86.90
Q1194-04	B-113-SB02	SAM	SOLID	01/28/2025	2.20	100.0	64.70
Q1194-04DUP	B-113-SB02DUP	DUP	SOLID	01/28/2025	2.40	100.0	64.70
Q1194-04MS	B-113-SB02MS	MS	SOLID	01/28/2025	2.13	100.0	64.70
Q1194-04MSD	B-113-SB02MSD	MSD	SOLID	01/28/2025	2.42	100.0	64.70

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB134437

Review By	mohan	Review On	1/28/2025 7:16:04 PM
Supervise By	jaswal	Supervise On	1/28/2025 7:18:50 PM
STD. NAME	STD REF.#		
ICAL Standard	MP84188,MP84190,MP84191,MP84192,MP84193,MP84194		
ICV Standard	MP84195		
CCV Standard	MP84197		
ICSA Standard			
CRI Standard	MP84199		
LCS Standard			
Chk Standard	MP84196,MP84198,MP84200,MP84202		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	01/27/25 17:09		Mohan	OK
2	S0.2	S0.2	CAL2	01/27/25 17:11		Mohan	OK
3	S2.5	S2.5	CAL3	01/27/25 17:14		Mohan	OK
4	S5	S5	CAL4	01/27/25 17:18		Mohan	OK
5	S7.5	S7.5	CAL5	01/27/25 17:23		Mohan	OK
6	S10	S10	CAL6	01/27/25 17:35		Mohan	OK
7	ICV70	ICV70	ICV	01/27/25 17:42		Mohan	OK
8	ICB70	ICB70	ICB	01/27/25 17:44		Mohan	OK
9	CCV74	CCV74	CCV	01/27/25 17:46		Mohan	OK
10	CCB74	CCB74	CCB	01/27/25 17:48		Mohan	OK
11	CRA	CRA	CRDL	01/27/25 17:51		Mohan	OK
12	HighStd	HighStd	HIGH STD	01/27/25 17:53		Mohan	OK
13	ChkStd	ChkStd	SAM	01/27/25 17:55		Mohan	OK
14	PB166289BL	PB166289BL	MB	01/27/25 17:58		Mohan	OK
15	PB166289BS	PB166289BS	LCS	01/27/25 18:03		Mohan	OK
16	Q1169-01	ARS20-0006	SAM	01/27/25 18:05		Mohan	OK
17	Q1169-03	REGULATOR-BUILD	SAM	01/27/25 18:07		Mohan	OK
18	Q1169-05	SPILL-SITE	SAM	01/27/25 18:10		Mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB134437

Review By	mohan	Review On	1/28/2025 7:16:04 PM
Supervise By	jaswal	Supervise On	1/28/2025 7:18:50 PM
STD. NAME	STD REF.#		
ICAL Standard	MP84188,MP84190,MP84191,MP84192,MP84193,MP84194		
ICV Standard	MP84195		
CCV Standard	MP84197		
ICSA Standard			
CRI Standard	MP84199		
LCS Standard			
Chk Standard	MP84196,MP84198,MP84200,MP84202		

19	Q1169-05DUP	SPILL-SITEDUP	DUP	01/27/25 18:12		Mohan	OK
20	Q1169-05MS	SPILL-SITEMS	MS	01/27/25 18:14		Mohan	OK
21	CCV75	CCV75	CCV	01/27/25 18:17		Mohan	OK
22	CCB75	CCB75	CCB	01/27/25 18:19		Mohan	OK
23	Q1169-05MSD	SPILL-SITEMSD	MSD	01/27/25 18:21		Mohan	OK
24	Q1170-01	OR-03-01232025	SAM	01/27/25 18:23		Mohan	OK
25	Q1183-01	VNJ-237	SAM	01/27/25 18:26		Mohan	OK
26	Q1187-01	SP-COMP	SAM	01/27/25 18:28		Mohan	OK
27	Q1194-01	B-110-SB01	SAM	01/27/25 18:30		Mohan	OK
28	Q1194-02	B-110-SB02	SAM	01/27/25 18:33	High	Mohan	Dilution
29	Q1194-03	B-113-SB01	SAM	01/27/25 18:35		Mohan	OK
30	Q1194-04	B-113-SB02	SAM	01/27/25 18:38		Mohan	OK
31	Q1169-05L	SPILL-SITEL	SD	01/27/25 18:42		Mohan	OK
32	Q1169-05A	SPILL-SITEA	PS	01/27/25 18:44		Mohan	OK
33	CCV76	CCV76	CCV	01/27/25 18:46		Mohan	OK
34	CCB76	CCB76	CCB	01/27/25 18:48		Mohan	OK
35	Q1194-02DL	B-110-SB02DL	SAM	01/27/25 18:52	Report 10X	Mohan	Confirms
36	CCV77	CCV77	CCV	01/27/25 18:54		Mohan	OK
37	CCB77	CCB77	CCB	01/27/25 18:56		Mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB134454

Review By	mohan	Review On	1/28/2025 7:15:15 PM
Supervise By	jaswal	Supervise On	1/28/2025 7:18:17 PM
STD. NAME	STD REF.#		
ICAL Standard	MP84236,MP84237,MP84238,MP84239,MP84240,MP84241		
ICV Standard	MP84242		
CCV Standard	MP84244		
ICSA Standard			
CRI Standard	MP84246		
LCS Standard			
Chk Standard	MP84243,MP84245,MP84247,MP84249		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	01/28/25 12:02		Mohan	OK
2	S0.2	S0.2	CAL2	01/28/25 12:04		Mohan	OK
3	S2.5	S2.5	CAL3	01/28/25 12:07		Mohan	OK
4	S5	S5	CAL4	01/28/25 12:09		Mohan	OK
5	S7.5	S7.5	CAL5	01/28/25 12:11		Mohan	OK
6	S10	S10	CAL6	01/28/25 12:34		Mohan	OK
7	ICV72	ICV72	ICV	01/28/25 12:39		Mohan	OK
8	ICB72	ICB72	ICB	01/28/25 12:42		Mohan	OK
9	CCV79	CCV79	CCV	01/28/25 12:44		Mohan	OK
10	CCB79	CCB79	CCB	01/28/25 12:46		Mohan	OK
11	CRA	CRA	CRDL	01/28/25 12:49		Mohan	OK
12	HighStd	HighStd	HIGH STD	01/28/25 12:51		Mohan	OK
13	ChkStd	ChkStd	SAM	01/28/25 12:53		Mohan	OK
14	PB166290BL	PB166290BL	MB	01/28/25 12:55		Mohan	OK
15	PB166290BS	PB166290BS	LCS	01/28/25 12:58		Mohan	OK
16	Q1076-05	ARS20-0006	SAM	01/28/25 13:00		Mohan	OK
17	Q1169-02	ARS20-0006	SAM	01/28/25 13:02		Mohan	OK
18	Q1169-04	REGULATOR-BUILD	SAM	01/28/25 13:05		Mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB134454

Review By	mohan	Review On	1/28/2025 7:15:15 PM
Supervise By	jaswal	Supervise On	1/28/2025 7:18:17 PM
STD. NAME	STD REF.#		
ICAL Standard	MP84236,MP84237,MP84238,MP84239,MP84240,MP84241		
ICV Standard	MP84242		
CCV Standard	MP84244		
ICSA Standard			
CRI Standard	MP84246		
LCS Standard			
Chk Standard	MP84243,MP84245,MP84247,MP84249		

19	Q1169-06	SPILL-SITE	SAM	01/28/25 13:07		Mohan	OK
20	Q1169-06DUP	SPILL-SITEDUP	DUP	01/28/25 13:09		Mohan	OK
21	CCV80	CCV80	CCV	01/28/25 13:11		Mohan	OK
22	CCB80	CCB80	CCB	01/28/25 13:14		Mohan	OK
23	Q1169-06MS	SPILL-SITEMS	MS	01/28/25 13:16		Mohan	OK
24	Q1169-06MSD	SPILL-SITEMSD	MSD	01/28/25 13:18		Mohan	OK
25	PB166291BL	PB166291BL	MB	01/28/25 13:23		Mohan	OK
26	PB166291BS	PB166291BS	LCS	01/28/25 13:27		Mohan	OK
27	Q1193-01	TAPIAL3-MW04S-012	SAM	01/28/25 13:30		Mohan	OK
28	Q1193-01DUP	TAPIAL3-MW04S-012	DUP	01/28/25 13:32		Mohan	OK
29	Q1193-01MS	TAPIAL3-MW04S-012	MS	01/28/25 13:34		Mohan	OK
30	Q1193-01MSD	TAPIAL3-MW04S-012	MSD	01/28/25 13:37		Mohan	OK
31	Q1193-02	TAPIAL2-MW01-0124	SAM	01/28/25 13:39		Mohan	OK
32	Q1194-08	EB	SAM	01/28/25 13:41		Mohan	OK
33	CCV81	CCV81	CCV	01/28/25 13:46		Mohan	OK
34	CCB81	CCB81	CCB	01/28/25 13:48		Mohan	OK
35	PB166211TB	PB166211TB	MB	01/28/25 13:51		Mohan	OK
36	Q1169-06L	SPILL-SITEL	SD	01/28/25 13:53		Mohan	OK
37	Q1169-06A	SPILL-SITEA	PS	01/28/25 13:55		Mohan	OK
38	Q1193-01L	TAPIAL3-MW04S-012	SD	01/28/25 13:58		Mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB134454

Review By	mohan	Review On	1/28/2025 7:15:15 PM
Supervise By	jaswal	Supervise On	1/28/2025 7:18:17 PM
STD. NAME	STD REF.#		
ICAL Standard	MP84236,MP84237,MP84238,MP84239,MP84240,MP84241		
ICV Standard	MP84242		
CCV Standard	MP84244		
ICSA Standard			
CRI Standard	MP84246		
LCS Standard			
Chk Standard	MP84243,MP84245,MP84247,MP84249		

39	Q1193-01A	TAPIAL3-MW04S-012	PS	01/28/25 14:00		Mohan	OK
40	CCV82	CCV82	CCV	01/28/25 14:07		Mohan	OK
41	CCB82	CCB82	CCB	01/28/25 14:09		Mohan	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB134457

Review By	kareem	Review On	1/29/2025 10:07:06 AM
Supervise By	Jaswal	Supervise On	1/30/2025 7:27:36 AM
STD. NAME	STD REF.#		
ICAL Standard	MP84204,MP84223,MP84224,MP84225,MP84226,MP84228		
ICV Standard	MP84229		
CCV Standard	MP84232		
ICSA Standard	MP84230,MP84231		
CRI Standard	MP84228		
LCS Standard	MP84211		
Chk Standard	MP84218,MP84219		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	01/28/25 11:25		Kareem	OK
2	S1	S1	CAL2	01/28/25 11:30		Kareem	OK
3	S2	S2	CAL3	01/28/25 11:34		Kareem	OK
4	S3	S3	CAL4	01/28/25 11:38		Kareem	OK
5	S4	S4	CAL5	01/28/25 11:43		Kareem	OK
6	S5	S5	CAL6	01/28/25 11:47		Kareem	OK
7	ICV01	ICV01	ICV	01/28/25 12:03		Kareem	OK
8	LLICV01	LLICV01	LLICV	01/28/25 12:08		Kareem	OK
9	ICB01	ICB01	ICB	01/28/25 12:21		Kareem	OK
10	CRI01	CRI01	CRDL	01/28/25 12:26		Kareem	OK
11	ICSA01	ICSA01	ICSA	01/28/25 12:30		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	01/28/25 12:34		Kareem	OK
13	CCV01	CCV01	CCV	01/28/25 12:39		Kareem	OK
14	CCB01	CCB01	CCB	01/28/25 12:43		Kareem	OK
15	Q1076-05	ARS20-0006	SAM	01/28/25 12:52		Kareem	OK
16	Q1169-02	ARS20-0006	SAM	01/28/25 12:56		Kareem	OK
17	Q1169-04	REGULATOR-BUILD	SAM	01/28/25 13:00		Kareem	OK
18	Q1169-06	SPILL-SITE	SAM	01/28/25 13:05		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB134457

Review By	kareem	Review On	1/29/2025 10:07:06 AM
Supervise By	Jaswal	Supervise On	1/30/2025 7:27:36 AM
STD. NAME	STD REF.#		
ICAL Standard	MP84204,MP84223,MP84224,MP84225,MP84226,MP84228		
ICV Standard	MP84229		
CCV Standard	MP84232		
ICSA Standard	MP84230,MP84231		
CRI Standard	MP84228		
LCS Standard	MP84211		
Chk Standard	MP84218,MP84219		

19	Q1169-01	ARS20-0006	SAM	01/28/25 13:09		Kareem	OK
20	Q1169-03	REGULATOR-BUILD	SAM	01/28/25 13:13		Kareem	OK
21	Q1169-05	SPILL-SITE	SAM	01/28/25 13:17		Kareem	OK
22	Q1194-08	EB	SAM	01/28/25 13:22		Kareem	OK
23	Q1194-08DUP	EBDUP	DUP	01/28/25 13:26		Kareem	OK
24	Q1194-08L	EBL	SD	01/28/25 13:30		Kareem	OK
25	CCV02	CCV02	CCV	01/28/25 13:42		Kareem	OK
26	CCB02	CCB02	CCB	01/28/25 13:46		Kareem	OK
27	Q1194-08MS	EBMS	MS	01/28/25 13:51		Kareem	OK
28	Q1194-08MSD	EBMSD	MSD	01/28/25 13:55		Kareem	OK
29	Q1194-08A	EBA	PS	01/28/25 13:59		Kareem	OK
30	PB166283BL	PB166283BL	MB	01/28/25 14:03		Kareem	OK
31	PB166283BS	PB166283BS	LCS	01/28/25 14:07	0.1 ml of M6010 and M6001 were added to 10 ml of the sample	Kareem	OK
32	Q1169-06DUP	SPILL-SITEDUP	DUP	01/28/25 14:11		Kareem	OK
33	Q1169-06L	SPILL-SITEL	SD	01/28/25 14:16		Kareem	OK
34	Q1169-06MS	SPILL-SITEMS	MS	01/28/25 14:20	0.1 ml of M6010 and M6001 were added to 10 ml of the sample	Kareem	OK
35	Q1169-06MSD	SPILL-SITEMSD	MSD	01/28/25 14:24	0.1 ml of M6010 and M6001 were added to 10 ml of the sample	Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB134457

Review By	kareem	Review On	1/29/2025 10:07:06 AM
Supervise By	Jaswal	Supervise On	1/30/2025 7:27:36 AM

STD. NAME	STD REF.#
ICAL Standard	MP84204,MP84223,MP84224,MP84225,MP84226,MP84228
ICV Standard	MP84229
CCV Standard	MP84232
ICSA Standard	MP84230,MP84231
CRI Standard	MP84228
LCS Standard	MP84211
Chk Standard	MP84218,MP84219

36	Q1169-06A	SPILL-SITEA	PS	01/28/25 14:28	0.1 ml of M6010 and M6001 were added to 10 ml of the sample	Kareem	OK
37	CCV03	CCV03	CCV	01/28/25 14:33		Kareem	OK
38	CCB03	CCB03	CCB	01/28/25 14:37		Kareem	OK
39	PB166211TB	PB166211TB	MB	01/28/25 14:41		Kareem	OK
40	PB166266BL	PB166266BL	MB	01/28/25 14:46		Kareem	OK
41	PB166266BS	PB166266BS	LCS	01/28/25 14:50	0.1 ml of M6010 and M6001 were added to 10 ml of the sample	Kareem	OK
42	Q1169-05DUP	SPILL-SITEDUP	DUP	01/28/25 14:54		Kareem	OK
43	Q1169-05L	SPILL-SITEL	SD	01/28/25 14:58		Kareem	OK
44	Q1169-05MS	SPILL-SITEMS	MS	01/28/25 15:02	0.1 ml of M6010 and M6001 were added to 10 ml of the sample	Kareem	OK
45	Q1169-05MSD	SPILL-SITEMSD	MSD	01/28/25 15:06	0.1 ml of M6010 and M6001 were added to 10 ml of the sample	Kareem	OK
46	Q1169-05A	SPILL-SITEA	PS	01/28/25 15:10	0.1 ml of M6010 and M6001 were added to 10 ml of the sample	Kareem	OK
47	PB166268BL	PB166268BL	MB	01/28/25 15:14		Kareem	OK
48	PB166268BS	PB166268BS	LCS	01/28/25 15:19	0.1 ml of M6010 and M6001 were added to 10 ml of the sample	Kareem	OK
49	CCV04	CCV04	CCV	01/28/25 15:32		Kareem	OK
50	CCB04	CCB04	CCB	01/28/25 15:36		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB134457

Review By	kareem	Review On	1/29/2025 10:07:06 AM
Supervise By	Jaswal	Supervise On	1/30/2025 7:27:36 AM
STD. NAME	STD REF.#		
ICAL Standard	MP84204,MP84223,MP84224,MP84225,MP84226,MP84228		
ICV Standard	MP84229		
CCV Standard	MP84232		
ICSA Standard	MP84230,MP84231		
CRI Standard	MP84228		
LCS Standard	MP84211		
Chk Standard	MP84218,MP84219		

51	LR1	LR1	HIGH STD	01/28/25 15:42		Kareem	OK
52	LR2	LR2	HIGH STD	01/28/25 15:47		Kareem	OK
53	CCV05	CCV05	CCV	01/28/25 15:52		Kareem	OK
54	CCB05	CCB05	CCB	01/28/25 15:56		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB134477

Review By	kareem	Review On	1/30/2025 3:39:41 PM
Supervise By	Jaswal	Supervise On	2/4/2025 1:27:33 PM
STD. NAME	STD REF.#		
ICAL Standard	MP84204,MP84223,MP84224,MP84225,MP84226,MP84228		
ICV Standard	MP84229		
CCV Standard	MP84232		
ICSA Standard	MP84230,MP84231		
CRI Standard	MP84228		
LCS Standard			
Chk Standard	MP84218,MP84219		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	01/29/25 10:51		Kareem	OK
2	S1	S1	CAL2	01/29/25 10:55		Kareem	OK
3	S2	S2	CAL3	01/29/25 10:59		Kareem	OK
4	S3	S3	CAL4	01/29/25 11:03		Kareem	OK
5	S4	S4	CAL5	01/29/25 11:08		Kareem	OK
6	S5	S5	CAL6	01/29/25 11:12		Kareem	OK
7	ICV01	ICV01	ICV	01/29/25 11:16		Kareem	OK
8	LLICV01	LLICV01	LLICV	01/29/25 11:32		Kareem	OK
9	ICB01	ICB01	ICB	01/29/25 11:37		Kareem	OK
10	CRI01	CRI01	CRDL	01/29/25 11:41		Kareem	OK
11	ICSA01	ICSA01	ICSA	01/29/25 11:45		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	01/29/25 12:02		Kareem	OK
13	CCV01	CCV01	CCV	01/29/25 12:06		Kareem	OK
14	CCB01	CCB01	CCB	01/29/25 12:10		Kareem	OK
15	Q1194-01	B-110-SB01	SAM	01/29/25 12:15		Kareem	OK
16	Q1194-02	B-110-SB02	SAM	01/29/25 12:19		Kareem	OK
17	Q1194-03	B-113-SB01	SAM	01/29/25 12:23		Kareem	OK
18	Q1194-04	B-113-SB02	SAM	01/29/25 12:27	MS/MSD fail for 50% parameters	Kareem	Not Ok

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB134477

Review By	kareem	Review On	1/30/2025 3:39:41 PM
Supervise By	Jaswal	Supervise On	2/4/2025 1:27:33 PM
STD. NAME	STD REF.#		
ICAL Standard	MP84204,MP84223,MP84224,MP84225,MP84226,MP84228		
ICV Standard	MP84229		
CCV Standard	MP84232		
ICSA Standard	MP84230,MP84231		
CRI Standard	MP84228		
LCS Standard			
Chk Standard	MP84218,MP84219		

19	Q1194-04DUP	B-113-SB02DUP	DUP	01/29/25 12:31	MS/MSD fail for 50% parameters	Kareem	Not Ok
20	Q1194-04L	B-113-SB02L	SD	01/29/25 12:35	MS/MSD fail for 50% parameters	Kareem	Not Ok
21	Q1194-04MS	B-113-SB02MS	MS	01/29/25 12:40	MS/MSD fail for 50% parameters	Kareem	Not Ok
22	Q1194-04MSD	B-113-SB02MSD	MSD	01/29/25 12:44	MS/MSD fail for 50% parameters	Kareem	Not Ok
23	Q1194-04A	B-113-SB02A	PS	01/29/25 12:48	MS/MSD fail for 50% parameters	Kareem	Not Ok
24	PB166298BL	PB166298BL	MB	01/29/25 13:01		Kareem	OK
25	CCV02	CCV02	CCV	01/29/25 13:12		Kareem	OK
26	CCB02	CCB02	CCB	01/29/25 13:16		Kareem	OK
27	PB166298BS	PB166298BS	LCS	01/29/25 13:20	0.1 ML M6010 AND M6001 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
28	Q1205-01	VNJ-236	SAM	01/29/25 13:24		Kareem	OK
29	Q1209-01	WC-4	SAM	01/29/25 13:28		Kareem	OK
30	Q1209-05	WC-5	SAM	01/29/25 13:32		Kareem	OK
31	Q1209-05DUP	WC-5DUP	DUP	01/29/25 13:37		Kareem	OK
32	Q1209-05L	WC-5L	SD	01/29/25 13:41		Kareem	OK
33	Q1209-05MS	WC-5MS	MS	01/29/25 13:45	0.1 ML M6010 AND M6001 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
34	Q1209-05MSD	WC-5MSD	MSD	01/29/25 13:49	0.1 ML M6010 AND M6001 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB134477

Review By	kareem	Review On	1/30/2025 3:39:41 PM
Supervise By	Jaswal	Supervise On	2/4/2025 1:27:33 PM
STD. NAME	STD REF.#		
ICAL Standard	MP84204,MP84223,MP84224,MP84225,MP84226,MP84228		
ICV Standard	MP84229		
CCV Standard	MP84232		
ICSA Standard	MP84230,MP84231		
CRI Standard	MP84228		
LCS Standard			
Chk Standard	MP84218,MP84219		

35	Q1209-05A	WC-5A	PS	01/29/25 13:53	0.1 ML M6010 AND M6001 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
36	PB166322BL	PB166322BL	MB	01/29/25 13:57		Kareem	OK
37	CCV03	CCV03	CCV	01/29/25 14:01		Kareem	OK
38	CCB03	CCB03	CCB	01/29/25 14:06		Kareem	OK
39	PB166322BS	PB166322BS	LCS	01/29/25 14:10	0.1 ML M6010 AND M6001 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
40	LR1	LR1	HIGH STD	01/29/25 14:14		Kareem	OK
41	LR2	LR2	HIGH STD	01/29/25 14:19		Kareem	OK
42	CCV04	CCV04	CCV	01/29/25 14:24		Kareem	OK
43	CCB04	CCB04	CCB	01/29/25 14:28		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB134493

Review By	kareem	Review On	1/31/2025 12:05:06 PM
Supervise By	Jaswal	Supervise On	2/4/2025 1:27:49 PM
STD. NAME	STD REF.#		
ICAL Standard	MP84204,MP84223,MP84224,MP84225,MP84226,MP84228		
ICV Standard	MP84229		
CCV Standard	MP84232		
ICSA Standard	MP84230,MP84231		
CRI Standard	MP84228		
LCS Standard			
Chk Standard	MP84218,MP84219		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	01/30/25 11:07		Kareem	OK
2	S1	S1	CAL2	01/30/25 11:12		Kareem	OK
3	S2	S2	CAL3	01/30/25 11:16		Kareem	OK
4	S3	S3	CAL4	01/30/25 11:20		Kareem	OK
5	S4	S4	CAL5	01/30/25 11:25		Kareem	OK
6	S5	S5	CAL6	01/30/25 11:29		Kareem	OK
7	ICV01	ICV01	ICV	01/30/25 11:49	ICV fail for Al,Ba,Be,Ca,Mg,V (200.7)	Kareem	OK
8	LLICV01	LLICV01	LLICV	01/30/25 11:56		Kareem	OK
9	ICB01	ICB01	ICB	01/30/25 12:00		Kareem	OK
10	CRI01	CRI01	CRDL	01/30/25 12:05		Kareem	OK
11	ICSA01	ICSA01	ICSA	01/30/25 12:10		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	01/30/25 12:28		Kareem	OK
13	ICSADL	ICSADL	ICSA	01/30/25 12:33		Kareem	OK
14	ICSABDL	ICSABDL	ICSAB	01/30/25 12:37		Kareem	OK
15	CCV01	CCV01	CCV	01/30/25 12:41		Kareem	OK
16	CCB01	CCB01	CCB	01/30/25 12:47		Kareem	OK
17	Q1152-01	EFFLUENT-DAY-1-MI	SAM	01/30/25 12:51		Kareem	OK
18	Q1152-01DUP	EFFLUENT-DAY-1-MI	DUP	01/30/25 12:55		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB134493

Review By	kareem	Review On	1/31/2025 12:05:06 PM
Supervise By	Jaswal	Supervise On	2/4/2025 1:27:49 PM
STD. NAME	STD REF.#		
ICAL Standard	MP84204,MP84223,MP84224,MP84225,MP84226,MP84228		
ICV Standard	MP84229		
CCV Standard	MP84232		
ICSA Standard	MP84230,MP84231		
CRI Standard	MP84228		
LCS Standard			
Chk Standard	MP84218,MP84219		

19	Q1152-01L	EFFLUENT-DAY-1-M	SD	01/30/25 13:00		Kareem	OK
20	Q1152-01MS	EFFLUENT-DAY-1-M	MS	01/30/25 13:04		Kareem	OK
21	Q1152-01MSD	EFFLUENT-DAY-1-M	MSD	01/30/25 13:08		Kareem	OK
22	Q1152-01A	EFFLUENT-DAY-1-M	PS	01/30/25 13:12		Kareem	OK
23	PB166190BL	PB166190BL	MB	01/30/25 13:16		Kareem	OK
24	PB166190BS	PB166190BS	LCS	01/30/25 13:20		Kareem	OK
25	Q1205-02	VNJ-236	SAM	01/30/25 13:24		Kareem	OK
26	Q1206-04	JPP-20.1-012725	SAM	01/30/25 13:29		Kareem	OK
27	CCV02	CCV02	CCV	01/30/25 13:33		Kareem	OK
28	CCB02	CCB02	CCB	01/30/25 13:37		Kareem	OK
29	Q1206-08	JPP-16.3-012725	SAM	01/30/25 13:41		Kareem	OK
30	Q1207-04	JPP-2.1-012725	SAM	01/30/25 13:46		Kareem	OK
31	Q1207-08	JPP-5.1-012725	SAM	01/30/25 13:50		Kareem	OK
32	Q1207-12	JPP-4.5-012725	SAM	01/30/25 13:55		Kareem	OK
33	Q1207-16	JPP-16.2-012725	SAM	01/30/25 13:59		Kareem	OK
34	Q1207-20	JPP-20.2-012725	SAM	01/30/25 14:03		Kareem	OK
35	Q1209-04	WC-4	SAM	01/30/25 14:08		Kareem	OK
36	Q1209-08	WC-5	SAM	01/30/25 14:12		Kareem	OK
37	Q1209-08DUP	WC-5DUP	DUP	01/30/25 14:17		Kareem	OK
38	Q1209-08L	WC-5L	SD	01/30/25 14:21		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB134493

Review By	kareem	Review On	1/31/2025 12:05:06 PM
Supervise By	Jaswal	Supervise On	2/4/2025 1:27:49 PM
STD. NAME	STD REF.#		
ICAL Standard	MP84204,MP84223,MP84224,MP84225,MP84226,MP84228		
ICV Standard	MP84229		
CCV Standard	MP84232		
ICSA Standard	MP84230,MP84231		
CRI Standard	MP84228		
LCS Standard			
Chk Standard	MP84218,MP84219		

39	CCV03	CCV03	CCV	01/30/25 14:34		Kareem	OK
40	CCB03	CCB03	CCB	01/30/25 14:38		Kareem	OK
41	Q1209-08MS	WC-5MS	MS	01/30/25 14:43	0.1 ML M6010 and M6001 were added to 10 ML of sample	Kareem	OK
42	Q1209-08MSD	WC-5MSD	MSD	01/30/25 14:47	0.1 ML M6010 and M6001 were added to 10 ML of sample	Kareem	OK
43	Q1209-08A	WC-5A	PS	01/30/25 14:51	0.1 ML M6010 and M6001 were added to 10 ML of sample	Kareem	OK
44	PB166318TB	PB166318TB	MB	01/30/25 14:55		Kareem	OK
45	PB166342BL	PB166342BL	MB	01/30/25 15:00		Kareem	OK
46	PB166342BS	PB166342BS	LCS	01/30/25 15:04	0.1 ML M6010 and M6001 were added to 10 ML of sample	Kareem	OK
47	Q1206-03	JPP-20.1-012725	SAM	01/30/25 15:08		Kareem	OK
48	Q1206-07	JPP-16.3-012725	SAM	01/30/25 15:12		Kareem	OK
49	Q1207-03	JPP-2.1-012725	SAM	01/30/25 15:16		Kareem	OK
50	Q1207-03DUP	JPP-2.1-012725DUP	DUP	01/30/25 15:21		Kareem	OK
51	CCV04	CCV04	CCV	01/30/25 15:25		Kareem	OK
52	CCB04	CCB04	CCB	01/30/25 15:29		Kareem	OK
53	Q1207-03L	JPP-2.1-012725L	SD	01/30/25 15:33		Kareem	OK
54	Q1207-03MS	JPP-2.1-012725MS	MS	01/30/25 15:38	0.1 ML M6010 and M6001 were added to 10 ML of sample	Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB134493

Review By	kareem	Review On	1/31/2025 12:05:06 PM
Supervise By	Jaswal	Supervise On	2/4/2025 1:27:49 PM
STD. NAME	STD REF.#		
ICAL Standard	MP84204,MP84223,MP84224,MP84225,MP84226,MP84228		
ICV Standard	MP84229		
CCV Standard	MP84232		
ICSA Standard	MP84230,MP84231		
CRI Standard	MP84228		
LCS Standard			
Chk Standard	MP84218,MP84219		

55	Q1207-03MSD	JPP-2.1-012725MSD	MSD	01/30/25 15:42	0.1 ML M6010 and M6001 were added to 10 ML of sample	Kareem	OK
56	Q1207-03A	JPP-2.1-012725A	PS	01/30/25 15:46	0.1 ML M6010 and M6001 were added to 10 ML of sample	Kareem	OK
57	Q1207-07	JPP-5.1-012725	SAM	01/30/25 15:50		Kareem	OK
58	Q1207-11	JPP-4.5-012725	SAM	01/30/25 15:54		Kareem	OK
59	Q1207-15	JPP-16.2-012725	SAM	01/30/25 15:58		Kareem	OK
60	Q1207-19	JPP-20.2-012725	SAM	01/30/25 16:03		Kareem	OK
61	PB166330BL	PB166330BL	MB	01/30/25 16:07		Kareem	OK
62	PB166330BS	PB166330BS	LCS	01/30/25 16:11		Kareem	OK
63	CCV05	CCV05	CCV	01/30/25 16:24		Kareem	OK
64	CCB05	CCB05	CCB	01/30/25 16:28		Kareem	OK
65	PB166376BL	PB166376BL	MB	01/30/25 16:32		Kareem	OK
66	PB166376BS	PB166376BS	LCS	01/30/25 16:37	0.1 ML M6010 and M6001 were added to 10 ML of sample	Kareem	OK
67	Q1216-03	JPP-18.1-012825	SAM	01/30/25 16:41		Kareem	OK
68	Q1216-07	JPP-21.1-012825	SAM	01/30/25 16:45		Kareem	OK
69	Q1216-11	JPP-21.2-012825	SAM	01/30/25 16:49		Kareem	OK
70	Q1216-15	JPP-26.1-012825	SAM	01/30/25 16:54		Kareem	OK
71	Q1216-19	JPP-26.2-012825	SAM	01/30/25 16:58		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB134493

Review By	kareem	Review On	1/31/2025 12:05:06 PM
Supervise By	Jaswal	Supervise On	2/4/2025 1:27:49 PM
STD. NAME	STD REF.#		
ICAL Standard	MP84204,MP84223,MP84224,MP84225,MP84226,MP84228		
ICV Standard	MP84229		
CCV Standard	MP84232		
ICSA Standard	MP84230,MP84231		
CRI Standard	MP84228		
LCS Standard			
Chk Standard	MP84218,MP84219		

72	Q1218-01	BELL-25-002	SAM	01/30/25 17:02		Kareem	OK
73	Q1219-01	LAW-25-0015	SAM	01/30/25 17:06		Kareem	OK
74	Q1220-01	TR-06-01292025	SAM	01/30/25 17:11		Kareem	OK
75	CCV06	CCV06	CCV	01/30/25 17:19		Kareem	OK
76	CCB06	CCB06	CCB	01/30/25 17:24		Kareem	OK
77	Q1221-01	CHESTNUT-CONCRE	SAM	01/30/25 17:28		Kareem	OK
78	Q1221-01DUP	CHESTNUT-CONCRE	DUP	01/30/25 17:33		Kareem	OK
79	Q1221-01L	CHESTNUT-CONCRE	SD	01/30/25 17:37		Kareem	OK
80	Q1221-01MS	CHESTNUT-CONCRE	MS	01/30/25 17:41	0.1 ML M6010 and M6001 were added to 10 ML of sample	Kareem	OK
81	Q1221-01MSD	CHESTNUT-CONCRE	MSD	01/30/25 17:46	0.1 ML M6010 and M6001 were added to 10 ML of sample	Kareem	OK
82	Q1221-01A	CHESTNUT-CONCRE	PS	01/30/25 17:50	0.1 ML M6010 and M6001 were added to 10 ML of sample	Kareem	OK
83	Q1215-03	JPP-29.1-012825	SAM	01/30/25 17:54		Kareem	OK
84	Q1215-07	JPP-29.2-012825	SAM	01/30/25 17:58		Kareem	OK
85	Q1194-04	B-113-SB02	SAM	01/30/25 18:03		Kareem	OK
86	Q1194-04DUP	B-113-SB02DUP	DUP	01/30/25 18:07		Kareem	OK
87	CCV07	CCV07	CCV	01/30/25 18:11		Kareem	OK
88	CCB07	CCB07	CCB	01/30/25 18:15		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB134493

Review By	kareem	Review On	1/31/2025 12:05:06 PM
Supervise By	Jaswal	Supervise On	2/4/2025 1:27:49 PM
STD. NAME	STD REF.#		
ICAL Standard	MP84204,MP84223,MP84224,MP84225,MP84226,MP84228		
ICV Standard	MP84229		
CCV Standard	MP84232		
ICSA Standard	MP84230,MP84231		
CRI Standard	MP84228		
LCS Standard			
Chk Standard	MP84218,MP84219		

89	Q1194-04L	B-113-SB02L	SD	01/30/25 18:19		Kareem	OK
90	Q1194-04MS	B-113-SB02MS	MS	01/30/25 18:24	0.1 ML M6010 and M6001 were added to 10 ML of sample	Kareem	OK
91	Q1194-04MSD	B-113-SB02MSD	MSD	01/30/25 18:28	0.1 ML M6010 and M6001 were added to 10 ML of sample	Kareem	OK
92	Q1194-04A	B-113-SB02A	PS	01/30/25 18:32	0.1 ML M6010 and M6001 were added to 10 ML of sample	Kareem	OK
93	LR1	LR1	HIGH STD	01/30/25 18:36		Kareem	OK
94	LR2	LR2	HIGH STD	01/30/25 18:41		Kareem	OK
95	CCV08	CCV08	CCV	01/30/25 18:45		Kareem	OK
96	CCB08	CCB08	CCB	01/30/25 18:51		Kareem	OK

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pipette ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

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

Start Digest Date: 01/27/2025 Time : 14:15 Temp : 96 °C

End Digest Date: 01/27/2025 Time : 17:20 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. # 1

Dig Technician Signature: *[Signature]*

Supervisor Signature: *[Signature]*

Temp : 1. 96°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6002
LFS-2	0.25	M6011
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Conc. HNO3	3.00	M6126
1:1 HCL	5.00	MP83499
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#1CELL #55 Temp: 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
01/27/25 18:20	<i>[Signature]</i> met direction	<i>[Signature]</i> (metals lab)
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB166283BL	PBW283	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	9
PB166283BS	LCS283	<2	50	25	Colorless	Colorless	Clear	Clear	M6002,M6011	10
Q1194-08MS	EBMS	<2	50	25	Colorless	Colorless	Clear	Clear	M6002,M6011	13
Q1194-08MSD	EBMSD	<2	50	25	Colorless	Colorless	Clear	Clear	M6002,M6011	14
Q1194-08DUP	EBDUP	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	12
Q1194-08	EB	<2	50	25	Colorless	Colorless	Clear	Clear	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: 01/27/2025 Time : 13:05 Temp : 94 °C

End Digest Date: 01/27/2025 Time : 13:35 Temp : 94 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: [Signature]

Supervisor Signature: [Signature]

Temp : 1. 94°C 2. N/A

Standardized Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP84195
CCV	30mL	MP84197
CRA	30mL	MP84199
Blank Spike	0.48mL	MP84187
Matrix Spike	0.48mL	MP84187

Chemical Used	ML/SAMPLE USED	Lot Number
AQUA REGIA	1.5mL	MP84201
KMnO4 (5%)	4.5mL	MP83692
Hydroxylamine HCL (12%)	2.0mL	MP83694
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

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP84188
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP84190
2.5 ppb	S2.5	30mL	MP84191
5.0 ppb	S5.0	30mL	MP84192
7.5 ppb	S7.5	30mL	MP84193
10.0 ppb	S10.0	30mL	MP84194
ICV	ICV	30mL	MP84195
ICB	ICB	30mL	MP84196
CCV	CCV	30mL	MP84197
CCB	CCB	30mL	MP84198
CRI	CRI	30mL	MP84199
CHK STD	CHK STD	30mL	MP84200

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
1/27/25 @ 13:35	MB - DTG, LVA	MB - Metal Lab
13:50	Preparation Group	Analysis Group

MB 1/28/25

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Comment	Prep Pos
PB166289BL	PBS289	0.58	35	NA	N/A	3-1
PB166289BS	LCS289	0.50	35	NA	MP84187	2
Q1169-01	ARS20-0006	0.58	35	NA	N/A	3
Q1169-03	REGULATOR-BUILDING-GRAVEL	0.50	35	NA	N/A	4
Q1169-05	SPIILL-SITE	0.54	35	NA	N/A	5
Q1169-05DUP	SPIILL-SITEDUP	0.52	35	NA	N/A	6
Q1169-05MS	SPIILL-SITEMS	0.56	35	NA	MP84187	7
Q1169-05MSD	SPIILL-SITEMSD	0.53	35	NA	MP84187	8
Q1170-01	OR-03-01232025	0.58	35	NA	N/A	9
Q1183-01	VNJ-237	0.50	35	NA	N/A	10
Q1187-01	SP-COMP	0.54	35	NA	N/A	11
Q1194-01	B-110-SB01	0.53	35	NA	N/A	12
Q1194-02	B-110-SB02	0.56	35	NA	N/A	13
Q1194-03	B-113-SB01	0.59	35	NA	N/A	14
Q1194-04	B-113-SB02	0.56	35	NA	N/A	15

SOP ID : M7470A-Mercury-19

SDG No : NA

Matrix : WATER

Pipette ID: HG A

Balance ID : N/A

Filter paper ID : NA

pH Strip ID : N/A

Hood ID : #1

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

Start Digest Date: 01/28/2025 Time : 09:25 Temp : 94 °C

End Digest Date: 01/28/2025 Time : 11:25 Temp : 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: *B*

Supervisor Signature: *12*

Temp : 1. 94°C 2. N/A

Standardized Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP84242
CCV	30mL	MP84244
CRA	30mL	MP84246
Blank Spike	0.48mL	MP84235
Matrix Spike	0.48mL	MP84235

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.5mL	MP83691
KMnO4 (5%)	4.5mL	MP83692
K2S2O8 (5%)	2.5mL	MP83693
Hydroxylamine HCL (12%)	2.0mL	MP83694
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	MP84236
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP84237
2.5 ppb	S2.5	30mL	MP84238
5.0 ppb	S5.0	30mL	MP84239
7.5 ppb	S7.5	30mL	MP84240
10.0 ppb	S10.0	30mL	MP84241
ICV	ICV	30mL	MP84242
ICB	ICB	30mL	MP84243
CCV	CCV	30mL	MP84244
CCB	CCB	30mL	MP84245
CRI	CRI	30mL	MP84246
CHK STD	CHK STD	30mL	MP84247

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
1/28/25 @ 11:10	<i>MB - Dig. Lab</i>	<i>MB - Dig. Lab</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB166291BL	PBW291	30	30	<2	N/A	3-11
PB166291BS	LCS291	30	30	<2	MP84235	12
Q1193-01DUP	TAPIAL3-MW04S-012425-00-T3DUP	30	30	<2	N/A	14
Q1193-01MS	TAPIAL3-MW04S-012425-00-T3MS	30	30	<2	MP84235	15
Q1193-01MSD	TAPIAL3-MW04S-012425-00-T3MSD	30	30	<2	MP84235	16
Q1193-01	TAPIAL3-MW04S-012425-00-T3	30	30	<2	N/A	13
Q1193-02	TAPIAL2-MW01-012425-00-T2	30	30	<2	N/A	17
Q1194-08	EB	30	30	<2	N/A	18

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: 01/28/2025 Time : 11:30 Temp : 96 °C

End Digest Date: 01/28/2025 Time : 13:35 Temp : 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #2

Dig Technician Signature: *SLK*

Supervisor Signature: *[Signature]*

Temp : 1. 96°C 2. N/A

Standardized Name	MLS USED	STD REF. # FROM LOG
LFS-1	1.00	M6002
LFS-2	1.00	M6011
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	M6126
30% H2O2	3.00	M6125
Conc. HCL	10.00	M6121
PTFE Boiling Stones	N/A	M5585
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#34 TEMP:96c

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
01/28/25 14:35	<i>SLK. met digestion</i>	<i>SA (metals Lab)</i>
	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
PB166298BL	PBS298	N/A	2.32	100	Colorless	Colorless	Fine	N/A	N/A	1
PB166298BS	LCS298	N/A	2.32	100	Colorless	Colorless	Fine	N/A	M6002,M6011	2
Q1194-01	B-110-SB01	N/A	2.36	100	Brown	Yellow	Medium	N/A	N/A	3
Q1194-02	B-110-SB02	N/A	2.40	100	Brown	Yellow	Medium	N/A	N/A	4
Q1194-03	B-113-SB01	N/A	2.27	100	Brown	Yellow	Medium	N/A	N/A	5
Q1194-04	B-113-SB02	N/A	2.20	100	Brown	Yellow	Medium	N/A	N/A	6
Q1194-04MS	B-113-SB02MS	N/A	2.13	100	Brown	Yellow	Medium	N/A	M6002,M6011	8
Q1194-04MSD	B-113-SB02MSD	N/A	2.42	100	Brown	Yellow	Medium	N/A	M6002,M6011	9
Q1194-04DUP	B-113-SB02DUP	N/A	2.40	100	Brown	Yellow	Medium	N/A	N/A	7