

Hit Summary Sheet SW-846

SDG No.: Q2177

Order ID: Q2177

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-187-SB01								
Q2177-02	B-187-SB01	SOIL	Aluminum	8670		0.88	5.23	mg/Kg
Q2177-02	B-187-SB01	SOIL	Antimony	0.30	J	0.23	2.62	mg/Kg
Q2177-02	B-187-SB01	SOIL	Arsenic	1.28		0.20	1.05	mg/Kg
Q2177-02	B-187-SB01	SOIL	Barium	111		0.76	5.23	mg/Kg
Q2177-02	B-187-SB01	SOIL	Beryllium	0.50		0.026	0.31	mg/Kg
Q2177-02	B-187-SB01	SOIL	Cadmium	1.02		0.025	0.31	mg/Kg
Q2177-02	B-187-SB01	SOIL	Calcium	6800		11.6	105	mg/Kg
Q2177-02	B-187-SB01	SOIL	Chromium	19.2		0.049	0.52	mg/Kg
Q2177-02	B-187-SB01	SOIL	Cobalt	11.5		0.11	1.57	mg/Kg
Q2177-02	B-187-SB01	SOIL	Copper	31.3		0.23	1.05	mg/Kg
Q2177-02	B-187-SB01	SOIL	Iron	16300		4.18	5.23	mg/Kg
Q2177-02	B-187-SB01	SOIL	Lead	127		0.14	0.63	mg/Kg
Q2177-02	B-187-SB01	SOIL	Magnesium	5240		12.6	105	mg/Kg
Q2177-02	B-187-SB01	SOIL	Manganese	118		0.15	1.05	mg/Kg
Q2177-02	B-187-SB01	SOIL	Mercury	0.12		0.0080	0.014	mg/Kg
Q2177-02	B-187-SB01	SOIL	Nickel	23.3		0.14	2.09	mg/Kg
Q2177-02	B-187-SB01	SOIL	Potassium	6410		29.0	105	mg/Kg
Q2177-02	B-187-SB01	SOIL	Sodium	335		18.6	105	mg/Kg
Q2177-02	B-187-SB01	SOIL	Vanadium	24.6		0.26	2.09	mg/Kg
Q2177-02	B-187-SB01	SOIL	Zinc	82.0		0.24	2.09	mg/Kg
Client ID : B-187-SB02								
Q2177-04	B-187-SB02	SOIL	Aluminum	5970		1.26	7.51	mg/Kg
Q2177-04	B-187-SB02	SOIL	Arsenic	1.00	J	0.28	1.50	mg/Kg
Q2177-04	B-187-SB02	SOIL	Barium	5.38	J	1.10	7.51	mg/Kg
Q2177-04	B-187-SB02	SOIL	Beryllium	0.29	J	0.038	0.45	mg/Kg
Q2177-04	B-187-SB02	SOIL	Cadmium	0.19	J	0.036	0.45	mg/Kg
Q2177-04	B-187-SB02	SOIL	Calcium	427		16.7	150	mg/Kg
Q2177-04	B-187-SB02	SOIL	Chromium	8.68		0.071	0.75	mg/Kg
Q2177-04	B-187-SB02	SOIL	Cobalt	3.45		0.15	2.25	mg/Kg
Q2177-04	B-187-SB02	SOIL	Copper	6.86		0.33	1.50	mg/Kg
Q2177-04	B-187-SB02	SOIL	Iron	9960		5.99	7.51	mg/Kg
Q2177-04	B-187-SB02	SOIL	Lead	4.48		0.20	0.90	mg/Kg
Q2177-04	B-187-SB02	SOIL	Magnesium	1580		18.0	150	mg/Kg
Q2177-04	B-187-SB02	SOIL	Manganese	65.9		0.21	1.50	mg/Kg
Q2177-04	B-187-SB02	SOIL	Mercury	0.060		0.010	0.019	mg/Kg
Q2177-04	B-187-SB02	SOIL	Nickel	8.35		0.20	3.00	mg/Kg
Q2177-04	B-187-SB02	SOIL	Potassium	356		41.6	150	mg/Kg

Hit Summary Sheet
SW-846

SDG No.:	Q2177	Order ID:	Q2177
Client:	Portal Partners Tri-Venture	Project ID:	Amtrak Sawtooth Bridges 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2177-04	B-187-SB02	SOIL	Sodium	357		26.7	150	mg/Kg
Q2177-04	B-187-SB02	SOIL	Vanadium	9.88		0.38	3.00	mg/Kg
Q2177-04	B-187-SB02	SOIL	Zinc	19.9		0.35	3.00	mg/Kg
Client ID : B-202-SB01								
Q2177-06	B-202-SB01	SOIL	Aluminum	7040		0.92	5.45	mg/Kg
Q2177-06	B-202-SB01	SOIL	Arsenic	2.83		0.21	1.09	mg/Kg
Q2177-06	B-202-SB01	SOIL	Barium	77.3		0.80	5.45	mg/Kg
Q2177-06	B-202-SB01	SOIL	Beryllium	0.44		0.027	0.33	mg/Kg
Q2177-06	B-202-SB01	SOIL	Cadmium	0.87		0.026	0.33	mg/Kg
Q2177-06	B-202-SB01	SOIL	Calcium	4840		12.1	109	mg/Kg
Q2177-06	B-202-SB01	SOIL	Chromium	14.5		0.051	0.55	mg/Kg
Q2177-06	B-202-SB01	SOIL	Cobalt	9.12		0.11	1.63	mg/Kg
Q2177-06	B-202-SB01	SOIL	Copper	12.0		0.24	1.09	mg/Kg
Q2177-06	B-202-SB01	SOIL	Iron	17500		4.35	5.45	mg/Kg
Q2177-06	B-202-SB01	SOIL	Lead	31.2		0.14	0.65	mg/Kg
Q2177-06	B-202-SB01	SOIL	Magnesium	4570		13.1	109	mg/Kg
Q2177-06	B-202-SB01	SOIL	Manganese	304		0.15	1.09	mg/Kg
Q2177-06	B-202-SB01	SOIL	Mercury	0.079		0.0080	0.015	mg/Kg
Q2177-06	B-202-SB01	SOIL	Nickel	17.5		0.14	2.18	mg/Kg
Q2177-06	B-202-SB01	SOIL	Potassium	7200		30.2	109	mg/Kg
Q2177-06	B-202-SB01	SOIL	Sodium	201		19.4	109	mg/Kg
Q2177-06	B-202-SB01	SOIL	Vanadium	23.0		0.27	2.18	mg/Kg
Q2177-06	B-202-SB01	SOIL	Zinc	80.0		0.25	2.18	mg/Kg
Client ID : EB05312025								
Q2177-08	EB05312025	Water	Aluminum	7.81	J	5.67	50.0	ug/L



SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	05/31/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/02/25
Client Sample ID:	B-187-SB01	SDG No.:	Q2177
Lab Sample ID:	Q2177-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	84.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8670	*	1	0.88	5.23	mg/Kg	06/02/25 13:05	06/10/25 21:36	6010D	SW3050
7440-36-0	Antimony	0.30	JN	1	0.23	2.62	mg/Kg	06/02/25 13:05	06/10/25 21:36	6010D	SW3050
7440-38-2	Arsenic	1.28		1	0.20	1.05	mg/Kg	06/02/25 13:05	06/10/25 21:36	6010D	SW3050
7440-39-3	Barium	111	N*	1	0.76	5.23	mg/Kg	06/02/25 13:05	06/10/25 21:36	6010D	SW3050
7440-41-7	Beryllium	0.50		1	0.026	0.31	mg/Kg	06/02/25 13:05	06/10/25 21:36	6010D	SW3050
7440-43-9	Cadmium	1.02		1	0.025	0.31	mg/Kg	06/02/25 13:05	06/10/25 21:36	6010D	SW3050
7440-70-2	Calcium	6800	*	1	11.6	105	mg/Kg	06/02/25 13:05	06/10/25 21:36	6010D	SW3050
7440-47-3	Chromium	19.2		1	0.049	0.52	mg/Kg	06/02/25 13:05	06/10/25 21:36	6010D	SW3050
7440-48-4	Cobalt	11.5		1	0.11	1.57	mg/Kg	06/02/25 13:05	06/10/25 21:36	6010D	SW3050
7440-50-8	Copper	31.3		1	0.23	1.05	mg/Kg	06/02/25 13:05	06/10/25 21:36	6010D	SW3050
7439-89-6	Iron	16300	*	1	4.18	5.23	mg/Kg	06/02/25 13:05	06/10/25 21:36	6010D	SW3050
7439-92-1	Lead	127		1	0.14	0.63	mg/Kg	06/02/25 13:05	06/10/25 21:36	6010D	SW3050
7439-95-4	Magnesium	5240	*	1	12.6	105	mg/Kg	06/02/25 13:05	06/10/25 21:36	6010D	SW3050
7439-96-5	Manganese	118		1	0.15	1.05	mg/Kg	06/02/25 13:05	06/10/25 21:36	6010D	SW3050
7439-97-6	Mercury	0.12		1	0.0080	0.014	mg/Kg	06/02/25 08:35	06/03/25 14:34	7471B	
7440-02-0	Nickel	23.3		1	0.14	2.09	mg/Kg	06/02/25 13:05	06/10/25 21:36	6010D	SW3050
7440-09-7	Potassium	6410	*	1	29.0	105	mg/Kg	06/02/25 13:05	06/10/25 21:36	6010D	SW3050
7782-49-2	Selenium	0.27	U	1	0.27	1.05	mg/Kg	06/02/25 13:05	06/10/25 21:36	6010D	SW3050
7440-22-4	Silver	0.13	U	1	0.13	0.52	mg/Kg	06/02/25 13:05	06/10/25 21:36	6010D	SW3050
7440-23-5	Sodium	335	N*	1	18.6	105	mg/Kg	06/02/25 13:05	06/10/25 21:36	6010D	SW3050
7440-28-0	Thallium	0.24	U	1	0.24	2.09	mg/Kg	06/02/25 13:05	06/10/25 21:36	6010D	SW3050
7440-62-2	Vanadium	24.6		1	0.26	2.09	mg/Kg	06/02/25 13:05	06/10/25 21:36	6010D	SW3050
7440-66-6	Zinc	82.0	N	1	0.24	2.09	mg/Kg	06/02/25 13:05	06/10/25 21:36	6010D	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:	05/31/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/02/25
Client Sample ID:	B-187-SB02	SDG No.:	Q2177
Lab Sample ID:	Q2177-04	Matrix:	SOIL
Level (low/med):	low	% Solid:	62.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5970	*	1	1.26	7.51	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7440-36-0	Antimony	0.33	UN	1	0.33	3.76	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7440-38-2	Arsenic	1.00	J	1	0.28	1.50	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7440-39-3	Barium	5.38	JN*	1	1.10	7.51	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7440-41-7	Beryllium	0.29	J	1	0.038	0.45	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7440-43-9	Cadmium	0.19	J	1	0.036	0.45	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7440-70-2	Calcium	427	*	1	16.7	150	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7440-47-3	Chromium	8.68		1	0.071	0.75	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7440-48-4	Cobalt	3.45		1	0.15	2.25	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7440-50-8	Copper	6.86		1	0.33	1.50	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7439-89-6	Iron	9960	*	1	5.99	7.51	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7439-92-1	Lead	4.48		1	0.20	0.90	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7439-95-4	Magnesium	1580	*	1	18.0	150	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7439-96-5	Manganese	65.9		1	0.21	1.50	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7439-97-6	Mercury	0.060		1	0.010	0.019	mg/Kg	06/02/25 08:35	06/03/25 14:37	7471B	
7440-02-0	Nickel	8.35		1	0.20	3.00	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7440-09-7	Potassium	356	*	1	41.6	150	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7782-49-2	Selenium	0.39	U	1	0.39	1.50	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7440-22-4	Silver	0.18	U	1	0.18	0.75	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7440-23-5	Sodium	357	N*	1	26.7	150	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7440-28-0	Thallium	0.35	U	1	0.35	3.00	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7440-62-2	Vanadium	9.88		1	0.38	3.00	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7440-66-6	Zinc	19.9	N	1	0.35	3.00	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050

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

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B = Analyte Found in Associated Method Blank

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

OR = Over Range

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	05/31/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/02/25
Client Sample ID:	B-202-SB01	SDG No.:	Q2177
Lab Sample ID:	Q2177-06	Matrix:	SOIL
Level (low/med):	low	% Solid:	85.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7040	*	1	0.92	5.45	mg/Kg	06/02/25 13:05	06/10/25 22:13	6010D	SW3050
7440-36-0	Antimony	0.24	UN	1	0.24	2.72	mg/Kg	06/02/25 13:05	06/10/25 22:13	6010D	SW3050
7440-38-2	Arsenic	2.83		1	0.21	1.09	mg/Kg	06/02/25 13:05	06/10/25 22:13	6010D	SW3050
7440-39-3	Barium	77.3	N*	1	0.80	5.45	mg/Kg	06/02/25 13:05	06/10/25 22:13	6010D	SW3050
7440-41-7	Beryllium	0.44		1	0.027	0.33	mg/Kg	06/02/25 13:05	06/10/25 22:13	6010D	SW3050
7440-43-9	Cadmium	0.87		1	0.026	0.33	mg/Kg	06/02/25 13:05	06/10/25 22:13	6010D	SW3050
7440-70-2	Calcium	4840	*	1	12.1	109	mg/Kg	06/02/25 13:05	06/10/25 22:13	6010D	SW3050
7440-47-3	Chromium	14.5		1	0.051	0.55	mg/Kg	06/02/25 13:05	06/10/25 22:13	6010D	SW3050
7440-48-4	Cobalt	9.12		1	0.11	1.63	mg/Kg	06/02/25 13:05	06/10/25 22:13	6010D	SW3050
7440-50-8	Copper	12.0		1	0.24	1.09	mg/Kg	06/02/25 13:05	06/10/25 22:13	6010D	SW3050
7439-89-6	Iron	17500	*	1	4.35	5.45	mg/Kg	06/02/25 13:05	06/10/25 22:13	6010D	SW3050
7439-92-1	Lead	31.2		1	0.14	0.65	mg/Kg	06/02/25 13:05	06/10/25 22:13	6010D	SW3050
7439-95-4	Magnesium	4570	*	1	13.1	109	mg/Kg	06/02/25 13:05	06/10/25 22:13	6010D	SW3050
7439-96-5	Manganese	304		1	0.15	1.09	mg/Kg	06/02/25 13:05	06/10/25 22:13	6010D	SW3050
7439-97-6	Mercury	0.079		1	0.0080	0.015	mg/Kg	06/02/25 08:35	06/03/25 14:39	7471B	
7440-02-0	Nickel	17.5		1	0.14	2.18	mg/Kg	06/02/25 13:05	06/10/25 22:13	6010D	SW3050
7440-09-7	Potassium	7200	*	1	30.2	109	mg/Kg	06/02/25 13:05	06/10/25 22:13	6010D	SW3050
7782-49-2	Selenium	0.28	U	1	0.28	1.09	mg/Kg	06/02/25 13:05	06/10/25 22:13	6010D	SW3050
7440-22-4	Silver	0.13	U	1	0.13	0.55	mg/Kg	06/02/25 13:05	06/10/25 22:13	6010D	SW3050
7440-23-5	Sodium	201	N*	1	19.4	109	mg/Kg	06/02/25 13:05	06/10/25 22:13	6010D	SW3050
7440-28-0	Thallium	0.25	U	1	0.25	2.18	mg/Kg	06/02/25 13:05	06/10/25 22:13	6010D	SW3050
7440-62-2	Vanadium	23.0		1	0.27	2.18	mg/Kg	06/02/25 13:05	06/10/25 22:13	6010D	SW3050
7440-66-6	Zinc	80.0	N	1	0.25	2.18	mg/Kg	06/02/25 13:05	06/10/25 22:13	6010D	SW3050

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

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	05/31/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/02/25
Client Sample ID:	EB05312025	SDG No.:	Q2177
Lab Sample ID:	Q2177-08	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	7.81	J	1	5.67	50.0	ug/L	06/03/25 10:05	06/04/25 20:20	6010D	SW3010
7440-36-0	Antimony	3.38	UN	1	3.38	25.0	ug/L	06/03/25 10:05	06/04/25 20:20	6010D	SW3010
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	06/03/25 10:05	06/04/25 20:20	6010D	SW3010
7440-39-3	Barium	7.28	U	1	7.28	50.0	ug/L	06/03/25 10:05	06/04/25 20:20	6010D	SW3010
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	06/03/25 10:05	06/04/25 20:20	6010D	SW3010
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	06/03/25 10:05	06/04/25 20:20	6010D	SW3010
7440-70-2	Calcium	117	U	1	117	1000	ug/L	06/03/25 10:05	06/04/25 20:20	6010D	SW3010
7440-47-3	Chromium	1.06	U	1	1.06	5.00	ug/L	06/03/25 10:05	06/04/25 20:20	6010D	SW3010
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	06/03/25 10:05	06/04/25 20:20	6010D	SW3010
7440-50-8	Copper	2.30	UN	1	2.30	10.0	ug/L	06/03/25 10:05	06/04/25 20:20	6010D	SW3010
7439-89-6	Iron	11.7	U	1	11.7	50.0	ug/L	06/03/25 10:05	06/04/25 20:20	6010D	SW3010
7439-92-1	Lead	1.15	U	1	1.15	6.00	ug/L	06/03/25 10:05	06/04/25 20:20	6010D	SW3010
7439-95-4	Magnesium	122	U	1	122	1000	ug/L	06/03/25 10:05	06/04/25 20:20	6010D	SW3010
7439-96-5	Manganese	2.97	U	1	2.97	10.0	ug/L	06/03/25 10:05	06/04/25 20:20	6010D	SW3010
7439-97-6	Mercury	0.076	UN	1	0.076	0.20	ug/L	06/02/25 14:40	06/03/25 11:48	7470A	
7440-02-0	Nickel	1.53	U	1	1.53	20.0	ug/L	06/03/25 10:05	06/04/25 20:20	6010D	SW3010
7440-09-7	Potassium	459	U	1	459	1000	ug/L	06/03/25 10:05	06/04/25 20:20	6010D	SW3010
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	06/03/25 10:05	06/04/25 20:20	6010D	SW3010
7440-22-4	Silver	0.81	UN	1	0.81	5.00	ug/L	06/03/25 10:05	06/04/25 20:20	6010D	SW3010
7440-23-5	Sodium	434	U	1	434	1000	ug/L	06/03/25 10:05	06/04/25 20:20	6010D	SW3010
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	06/03/25 10:05	06/04/25 20:20	6010D	SW3010
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	06/03/25 10:05	06/04/25 20:20	6010D	SW3010
7440-66-6	Zinc	8.33	UN	1	8.33	20.0	ug/L	06/03/25 10:05	06/04/25 20:20	6010D	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
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N = Spiked sample recovery not within control limits



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

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	Portal Partners Tri-Venture				SDG No.:	Q2177					
Contract:	PORT06		Lab Code:	CHEM		Case No.:	Q2177		SAS No.:	Q2177	
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number		
ICB24	Mercury	0.076	+/-0.2	U	0.20	CV	06/03/2025	10:35	LB135986		

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2177
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2177 **SAS No.:** Q2177

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB86	Mercury	0.076	+/-0.2	U	0.20	CV	06/03/2025	10:40	LB135986
CCB87	Mercury	0.076	+/-0.2	U	0.20	CV	06/03/2025	11:25	LB135986
CCB88	Mercury	0.076	+/-0.2	U	0.20	CV	06/03/2025	11:53	LB135986
CCB89	Mercury	0.076	+/-0.2	U	0.20	CV	06/03/2025	12:04	LB135986

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2177
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2177 **SAS No.:** Q2177

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB25	Mercury	0.076	+/-0.2	U	0.20	CV	06/03/2025	12:46	LB135987

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture SDG No.: Q2177
Contract: PORT06 Lab Code: CHEM Case No.: Q2177 SAS No.: Q2177

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB90	Mercury	0.076	+/-0.2	U	0.20	CV	06/03/2025	12:50	LB135987
CCB91	Mercury	0.076	+/-0.2	U	0.20	CV	06/03/2025	13:22	LB135987
CCB92	Mercury	0.076	+/-0.2	U	0.20	CV	06/03/2025	13:51	LB135987
CCB93	Mercury	0.076	+/-0.2	U	0.20	CV	06/03/2025	14:18	LB135987
CCB94	Mercury	0.076	+/-0.2	U	0.20	CV	06/03/2025	14:51	LB135987
CCB95	Mercury	0.076	+/-0.2	U	0.20	CV	06/03/2025	15:04	LB135987

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2177
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2177 **SAS No.:** Q2177

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	06/04/2025	16:10	LB136011
	Antimony	6.76	+/-25	U	50.0	P	06/04/2025	16:10	LB136011
	Arsenic	5.12	+/-10	U	20.0	P	06/04/2025	16:10	LB136011
	Barium	14.6	+/-50	U	100	P	06/04/2025	16:10	LB136011
	Beryllium	0.56	+/-3	U	6.00	P	06/04/2025	16:10	LB136011
	Cadmium	0.50	+/-3	U	6.00	P	06/04/2025	16:10	LB136011
	Calcium	234	+/-1000	U	2000	P	06/04/2025	16:10	LB136011
	Chromium	2.12	+/-5	U	10.0	P	06/04/2025	16:10	LB136011
	Cobalt	2.26	+/-15	U	30.0	P	06/04/2025	16:10	LB136011
	Copper	4.60	+/-10	U	20.0	P	06/04/2025	16:10	LB136011
	Iron	23.4	+/-50	U	100	P	06/04/2025	16:10	LB136011
	Lead	2.30	+/-6	U	12.0	P	06/04/2025	16:10	LB136011
	Magnesium	244	+/-1000	U	2000	P	06/04/2025	16:10	LB136011
	Manganese	5.94	+/-10	U	20.0	P	06/04/2025	16:10	LB136011
	Nickel	3.06	+/-20	U	40.0	P	06/04/2025	16:10	LB136011
	Potassium	918	+/-1000	U	2000	P	06/04/2025	16:10	LB136011
	Selenium	9.64	+/-10	U	20.0	P	06/04/2025	16:10	LB136011
	Silver	1.62	+/-5	U	10.0	P	06/04/2025	16:10	LB136011
	Sodium	868	+/-1000	U	2000	P	06/04/2025	16:10	LB136011
	Thallium	4.38	+/-20	U	40.0	P	06/04/2025	16:10	LB136011
	Vanadium	6.26	+/-20	U	40.0	P	06/04/2025	16:10	LB136011
	Zinc	16.7	+/-20	U	40.0	P	06/04/2025	16:10	LB136011

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture		SDG No.: Q2177							
Contract: PORT06	Lab Code: CHEM	Case No.: Q2177	SAS No.: Q2177						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	06/04/2025	16:52	LB136011
	Antimony	6.76	+/-25	U	50.0	P	06/04/2025	16:52	LB136011
	Arsenic	5.12	+/-10	U	20.0	P	06/04/2025	16:52	LB136011
	Barium	14.6	+/-50	U	100	P	06/04/2025	16:52	LB136011
	Beryllium	0.56	+/-3	U	6.00	P	06/04/2025	16:52	LB136011
	Cadmium	0.50	+/-3	U	6.00	P	06/04/2025	16:52	LB136011
	Calcium	234	+/-1000	U	2000	P	06/04/2025	16:52	LB136011
	Chromium	2.12	+/-5	U	10.0	P	06/04/2025	16:52	LB136011
	Cobalt	2.26	+/-15	U	30.0	P	06/04/2025	16:52	LB136011
	Copper	4.60	+/-10	U	20.0	P	06/04/2025	16:52	LB136011
	Iron	23.4	+/-50	U	100	P	06/04/2025	16:52	LB136011
	Lead	2.30	+/-6	U	12.0	P	06/04/2025	16:52	LB136011
	Magnesium	244	+/-1000	U	2000	P	06/04/2025	16:52	LB136011
	Manganese	5.94	+/-10	U	20.0	P	06/04/2025	16:52	LB136011
	Nickel	3.06	+/-20	U	40.0	P	06/04/2025	16:52	LB136011
	Potassium	918	+/-1000	U	2000	P	06/04/2025	16:52	LB136011
	Selenium	9.64	+/-10	U	20.0	P	06/04/2025	16:52	LB136011
	Silver	1.62	+/-5	U	10.0	P	06/04/2025	16:52	LB136011
	Sodium	868	+/-1000	U	2000	P	06/04/2025	16:52	LB136011
	Thallium	4.38	+/-20	U	40.0	P	06/04/2025	16:52	LB136011
	Vanadium	6.26	+/-20	U	40.0	P	06/04/2025	16:52	LB136011
	Zinc	16.7	+/-20	U	40.0	P	06/04/2025	16:52	LB136011
CCB02	Aluminum	11.3	+/-50	U	100	P	06/04/2025	17:39	LB136011
	Antimony	6.76	+/-25	U	50.0	P	06/04/2025	17:39	LB136011
	Arsenic	5.12	+/-10	U	20.0	P	06/04/2025	17:39	LB136011
	Barium	14.6	+/-50	U	100	P	06/04/2025	17:39	LB136011
	Beryllium	0.56	+/-3	U	6.00	P	06/04/2025	17:39	LB136011
	Cadmium	0.50	+/-3	U	6.00	P	06/04/2025	17:39	LB136011
	Calcium	234	+/-1000	U	2000	P	06/04/2025	17:39	LB136011
	Chromium	2.12	+/-5	U	10.0	P	06/04/2025	17:39	LB136011
	Cobalt	2.26	+/-15	U	30.0	P	06/04/2025	17:39	LB136011
	Copper	4.60	+/-10	U	20.0	P	06/04/2025	17:39	LB136011
	Iron	23.4	+/-50	U	100	P	06/04/2025	17:39	LB136011
	Lead	2.30	+/-6	U	12.0	P	06/04/2025	17:39	LB136011
	Magnesium	244	+/-1000	U	2000	P	06/04/2025	17:39	LB136011
	Manganese	5.94	+/-10	U	20.0	P	06/04/2025	17:39	LB136011
	Nickel	3.06	+/-20	U	40.0	P	06/04/2025	17:39	LB136011
	Potassium	918	+/-1000	U	2000	P	06/04/2025	17:39	LB136011
	Selenium	9.64	+/-10	U	20.0	P	06/04/2025	17:39	LB136011

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture		SDG No.: Q2177							
Contract: PORT06	Lab Code: CHEM	Case No.: Q2177	SAS No.: Q2177						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	06/04/2025	17:39	LB136011
	Sodium	868	+/-1000	U	2000	P	06/04/2025	17:39	LB136011
	Thallium	4.38	+/-20	U	40.0	P	06/04/2025	17:39	LB136011
	Vanadium	6.26	+/-20	U	40.0	P	06/04/2025	17:39	LB136011
	Zinc	16.7	+/-20	U	40.0	P	06/04/2025	17:39	LB136011
CCB03	Aluminum	11.3	+/-50	U	100	P	06/04/2025	18:42	LB136011
	Antimony	6.76	+/-25	U	50.0	P	06/04/2025	18:42	LB136011
	Arsenic	5.12	+/-10	U	20.0	P	06/04/2025	18:42	LB136011
	Barium	14.6	+/-50	U	100	P	06/04/2025	18:42	LB136011
	Beryllium	0.56	+/-3	U	6.00	P	06/04/2025	18:42	LB136011
	Cadmium	0.50	+/-3	U	6.00	P	06/04/2025	18:42	LB136011
	Calcium	234	+/-1000	U	2000	P	06/04/2025	18:42	LB136011
	Chromium	2.12	+/-5	U	10.0	P	06/04/2025	18:42	LB136011
	Cobalt	2.26	+/-15	U	30.0	P	06/04/2025	18:42	LB136011
	Copper	4.60	+/-10	U	20.0	P	06/04/2025	18:42	LB136011
	Iron	23.4	+/-50	U	100	P	06/04/2025	18:42	LB136011
	Lead	2.30	+/-6	U	12.0	P	06/04/2025	18:42	LB136011
	Magnesium	244	+/-1000	U	2000	P	06/04/2025	18:42	LB136011
	Manganese	5.94	+/-10	U	20.0	P	06/04/2025	18:42	LB136011
	Nickel	3.06	+/-20	U	40.0	P	06/04/2025	18:42	LB136011
	Potassium	918	+/-1000	U	2000	P	06/04/2025	18:42	LB136011
	Selenium	9.64	+/-10	U	20.0	P	06/04/2025	18:42	LB136011
	Silver	1.62	+/-5	U	10.0	P	06/04/2025	18:42	LB136011
	Sodium	868	+/-1000	U	2000	P	06/04/2025	18:42	LB136011
	Thallium	4.38	+/-20	U	40.0	P	06/04/2025	18:42	LB136011
	Vanadium	6.26	+/-20	U	40.0	P	06/04/2025	18:42	LB136011
	Zinc	16.7	+/-20	U	40.0	P	06/04/2025	18:42	LB136011
CCB04	Aluminum	11.3	+/-50	U	100	P	06/04/2025	19:30	LB136011
	Antimony	6.76	+/-25	U	50.0	P	06/04/2025	19:30	LB136011
	Arsenic	5.12	+/-10	U	20.0	P	06/04/2025	19:30	LB136011
	Barium	14.6	+/-50	U	100	P	06/04/2025	19:30	LB136011
	Beryllium	0.56	+/-3	U	6.00	P	06/04/2025	19:30	LB136011
	Cadmium	0.50	+/-3	U	6.00	P	06/04/2025	19:30	LB136011
	Calcium	234	+/-1000	U	2000	P	06/04/2025	19:30	LB136011
	Chromium	2.12	+/-5	U	10.0	P	06/04/2025	19:30	LB136011
	Cobalt	2.26	+/-15	U	30.0	P	06/04/2025	19:30	LB136011
	Copper	4.60	+/-10	U	20.0	P	06/04/2025	19:30	LB136011
	Iron	23.4	+/-50	U	100	P	06/04/2025	19:30	LB136011
	Lead	2.30	+/-6	U	12.0	P	06/04/2025	19:30	LB136011



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Client:	Portal Partners Tri-Venture		SDG No.:	Q2177	
Contract:	PORT06	Lab Code:	CHEM	Case No.:	Q2177
				SAS No.:	Q2177

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	06/04/2025	19:30	LB136011
	Manganese	5.94	+/-10	U	20.0	P	06/04/2025	19:30	LB136011
	Nickel	3.06	+/-20	U	40.0	P	06/04/2025	19:30	LB136011
	Potassium	918	+/-1000	U	2000	P	06/04/2025	19:30	LB136011
	Selenium	9.64	+/-10	U	20.0	P	06/04/2025	19:30	LB136011
	Silver	1.62	+/-5	U	10.0	P	06/04/2025	19:30	LB136011
	Sodium	868	+/-1000	U	2000	P	06/04/2025	19:30	LB136011
	Thallium	4.38	+/-20	U	40.0	P	06/04/2025	19:30	LB136011
	Vanadium	6.26	+/-20	U	40.0	P	06/04/2025	19:30	LB136011
	Zinc	16.7	+/-20	U	40.0	P	06/04/2025	19:30	LB136011
CCB05	Aluminum	11.3	+/-50	U	100	P	06/04/2025	20:16	LB136011
	Antimony	6.76	+/-25	U	50.0	P	06/04/2025	20:16	LB136011
	Arsenic	5.12	+/-10	U	20.0	P	06/04/2025	20:16	LB136011
	Barium	14.6	+/-50	U	100	P	06/04/2025	20:16	LB136011
	Beryllium	0.56	+/-3	U	6.00	P	06/04/2025	20:16	LB136011
	Cadmium	0.50	+/-3	U	6.00	P	06/04/2025	20:16	LB136011
	Calcium	234	+/-1000	U	2000	P	06/04/2025	20:16	LB136011
	Chromium	2.12	+/-5	U	10.0	P	06/04/2025	20:16	LB136011
	Cobalt	2.26	+/-15	U	30.0	P	06/04/2025	20:16	LB136011
	Copper	4.60	+/-10	U	20.0	P	06/04/2025	20:16	LB136011
	Iron	23.4	+/-50	U	100	P	06/04/2025	20:16	LB136011
	Lead	2.30	+/-6	U	12.0	P	06/04/2025	20:16	LB136011
	Magnesium	244	+/-1000	U	2000	P	06/04/2025	20:16	LB136011
	Manganese	5.94	+/-10	U	20.0	P	06/04/2025	20:16	LB136011
	Nickel	3.06	+/-20	U	40.0	P	06/04/2025	20:16	LB136011
	Potassium	918	+/-1000	U	2000	P	06/04/2025	20:16	LB136011
	Selenium	9.64	+/-10	U	20.0	P	06/04/2025	20:16	LB136011
	Silver	1.62	+/-5	U	10.0	P	06/04/2025	20:16	LB136011
	Sodium	868	+/-1000	U	2000	P	06/04/2025	20:16	LB136011
	Thallium	4.38	+/-20	U	40.0	P	06/04/2025	20:16	LB136011
Vanadium	6.26	+/-20	U	40.0	P	06/04/2025	20:16	LB136011	
Zinc	16.7	+/-20	U	40.0	P	06/04/2025	20:16	LB136011	
CCB06	Aluminum	11.3	+/-50	U	100	P	06/04/2025	21:02	LB136011
	Antimony	6.76	+/-25	U	50.0	P	06/04/2025	21:02	LB136011
	Arsenic	5.12	+/-10	U	20.0	P	06/04/2025	21:02	LB136011
	Barium	14.6	+/-50	U	100	P	06/04/2025	21:02	LB136011
	Beryllium	0.56	+/-3	U	6.00	P	06/04/2025	21:02	LB136011
	Cadmium	0.50	+/-3	U	6.00	P	06/04/2025	21:02	LB136011
	Calcium	234	+/-1000	U	2000	P	06/04/2025	21:02	LB136011

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture		SDG No.: Q2177							
Contract: PORT06	Lab Code: CHEM	Case No.: Q2177	SAS No.: Q2177						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	06/04/2025	21:02	LB136011
	Cobalt	2.26	+/-15	U	30.0	P	06/04/2025	21:02	LB136011
	Copper	4.60	+/-10	U	20.0	P	06/04/2025	21:02	LB136011
	Iron	23.4	+/-50	U	100	P	06/04/2025	21:02	LB136011
	Lead	2.30	+/-6	U	12.0	P	06/04/2025	21:02	LB136011
	Magnesium	244	+/-1000	U	2000	P	06/04/2025	21:02	LB136011
	Manganese	5.94	+/-10	U	20.0	P	06/04/2025	21:02	LB136011
	Nickel	3.06	+/-20	U	40.0	P	06/04/2025	21:02	LB136011
	Potassium	918	+/-1000	U	2000	P	06/04/2025	21:02	LB136011
	Selenium	9.64	+/-10	U	20.0	P	06/04/2025	21:02	LB136011
	Silver	1.62	+/-5	U	10.0	P	06/04/2025	21:02	LB136011
	Sodium	868	+/-1000	U	2000	P	06/04/2025	21:02	LB136011
	Thallium	4.38	+/-20	U	40.0	P	06/04/2025	21:02	LB136011
	Vanadium	6.26	+/-20	U	40.0	P	06/04/2025	21:02	LB136011
	Zinc	16.7	+/-20	U	40.0	P	06/04/2025	21:02	LB136011
CCB07	Aluminum	11.3	+/-50	U	100	P	06/04/2025	21:45	LB136011
	Antimony	6.76	+/-25	U	50.0	P	06/04/2025	21:45	LB136011
	Arsenic	5.12	+/-10	U	20.0	P	06/04/2025	21:45	LB136011
	Barium	14.6	+/-50	U	100	P	06/04/2025	21:45	LB136011
	Beryllium	0.56	+/-3	U	6.00	P	06/04/2025	21:45	LB136011
	Cadmium	0.50	+/-3	U	6.00	P	06/04/2025	21:45	LB136011
	Calcium	234	+/-1000	U	2000	P	06/04/2025	21:45	LB136011
	Chromium	2.12	+/-5	U	10.0	P	06/04/2025	21:45	LB136011
	Cobalt	2.26	+/-15	U	30.0	P	06/04/2025	21:45	LB136011
	Copper	4.60	+/-10	U	20.0	P	06/04/2025	21:45	LB136011
	Iron	23.4	+/-50	U	100	P	06/04/2025	21:45	LB136011
	Lead	2.30	+/-6	U	12.0	P	06/04/2025	21:45	LB136011
	Magnesium	244	+/-1000	U	2000	P	06/04/2025	21:45	LB136011
	Manganese	5.94	+/-10	U	20.0	P	06/04/2025	21:45	LB136011
	Nickel	3.06	+/-20	U	40.0	P	06/04/2025	21:45	LB136011
	Potassium	918	+/-1000	U	2000	P	06/04/2025	21:45	LB136011
	Selenium	9.64	+/-10	U	20.0	P	06/04/2025	21:45	LB136011
	Silver	1.62	+/-5	U	10.0	P	06/04/2025	21:45	LB136011
	Sodium	868	+/-1000	U	2000	P	06/04/2025	21:45	LB136011
	Thallium	4.38	+/-20	U	40.0	P	06/04/2025	21:45	LB136011
	Vanadium	6.26	+/-20	U	40.0	P	06/04/2025	21:45	LB136011
	Zinc	16.7	+/-20	U	40.0	P	06/04/2025	21:45	LB136011
CCB08	Aluminum	11.3	+/-50	U	100	P	06/04/2025	22:10	LB136011
	Antimony	6.76	+/-25	U	50.0	P	06/04/2025	22:10	LB136011

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2177
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2177 **SAS No.:** Q2177

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	5.12	+/-10	U	20.0	P	06/04/2025	22:10	LB136011
	Barium	14.6	+/-50	U	100	P	06/04/2025	22:10	LB136011
	Beryllium	0.56	+/-3	U	6.00	P	06/04/2025	22:10	LB136011
	Cadmium	0.50	+/-3	U	6.00	P	06/04/2025	22:10	LB136011
	Calcium	234	+/-1000	U	2000	P	06/04/2025	22:10	LB136011
	Chromium	2.12	+/-5	U	10.0	P	06/04/2025	22:10	LB136011
	Cobalt	2.26	+/-15	U	30.0	P	06/04/2025	22:10	LB136011
	Copper	4.60	+/-10	U	20.0	P	06/04/2025	22:10	LB136011
	Iron	23.4	+/-50	U	100	P	06/04/2025	22:10	LB136011
	Lead	2.30	+/-6	U	12.0	P	06/04/2025	22:10	LB136011
	Magnesium	244	+/-1000	U	2000	P	06/04/2025	22:10	LB136011
	Manganese	5.94	+/-10	U	20.0	P	06/04/2025	22:10	LB136011
	Nickel	3.06	+/-20	U	40.0	P	06/04/2025	22:10	LB136011
	Potassium	918	+/-1000	U	2000	P	06/04/2025	22:10	LB136011
	Selenium	9.64	+/-10	U	20.0	P	06/04/2025	22:10	LB136011
	Silver	1.62	+/-5	U	10.0	P	06/04/2025	22:10	LB136011
	Sodium	868	+/-1000	U	2000	P	06/04/2025	22:10	LB136011
	Thallium	4.38	+/-20	U	40.0	P	06/04/2025	22:10	LB136011
	Vanadium	6.26	+/-20	U	40.0	P	06/04/2025	22:10	LB136011
	Zinc	16.7	+/-20	U	40.0	P	06/04/2025	22:10	LB136011

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2177
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2177 **SAS No.:** Q2177

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	06/10/2025	14:45	LB136097
	Antimony	6.76	+/-25	U	50.0	P	06/10/2025	14:45	LB136097
	Arsenic	5.12	+/-10	U	20.0	P	06/10/2025	14:45	LB136097
	Barium	14.6	+/-50	U	100	P	06/10/2025	14:45	LB136097
	Beryllium	0.56	+/-3	U	6.00	P	06/10/2025	14:45	LB136097
	Cadmium	0.50	+/-3	U	6.00	P	06/10/2025	14:45	LB136097
	Calcium	234	+/-1000	U	2000	P	06/10/2025	14:45	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/10/2025	14:45	LB136097
	Cobalt	2.26	+/-15	U	30.0	P	06/10/2025	14:45	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/10/2025	14:45	LB136097
	Iron	23.4	+/-50	U	100	P	06/10/2025	14:45	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/10/2025	14:45	LB136097
	Magnesium	244	+/-1000	U	2000	P	06/10/2025	14:45	LB136097
	Manganese	5.94	+/-10	U	20.0	P	06/10/2025	14:45	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/10/2025	14:45	LB136097
	Potassium	918	+/-1000	U	2000	P	06/10/2025	14:45	LB136097
	Selenium	9.64	+/-10	U	20.0	P	06/10/2025	14:45	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/10/2025	14:45	LB136097
	Sodium	868	+/-1000	U	2000	P	06/10/2025	14:45	LB136097
	Thallium	4.38	+/-20	U	40.0	P	06/10/2025	14:45	LB136097
	Vanadium	6.26	+/-20	U	40.0	P	06/10/2025	14:45	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/10/2025	14:45	LB136097

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture		SDG No.: Q2177							
Contract: PORT06	Lab Code: CHEM	Case No.: Q2177	SAS No.: Q2177						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	06/10/2025	15:35	LB136097
	Antimony	6.76	+/-25	U	50.0	P	06/10/2025	15:35	LB136097
	Arsenic	5.12	+/-10	U	20.0	P	06/10/2025	15:35	LB136097
	Barium	14.6	+/-50	U	100	P	06/10/2025	15:35	LB136097
	Beryllium	0.56	+/-3	U	6.00	P	06/10/2025	15:35	LB136097
	Cadmium	0.50	+/-3	U	6.00	P	06/10/2025	15:35	LB136097
	Calcium	234	+/-1000	U	2000	P	06/10/2025	15:35	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/10/2025	15:35	LB136097
	Cobalt	2.26	+/-15	U	30.0	P	06/10/2025	15:35	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/10/2025	15:35	LB136097
	Iron	23.4	+/-50	U	100	P	06/10/2025	15:35	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/10/2025	15:35	LB136097
	Magnesium	244	+/-1000	U	2000	P	06/10/2025	15:35	LB136097
	Manganese	5.94	+/-10	U	20.0	P	06/10/2025	15:35	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/10/2025	15:35	LB136097
	Potassium	918	+/-1000	U	2000	P	06/10/2025	15:35	LB136097
	Selenium	9.64	+/-10	U	20.0	P	06/10/2025	15:35	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/10/2025	15:35	LB136097
	Sodium	868	+/-1000	U	2000	P	06/10/2025	15:35	LB136097
	Thallium	4.38	+/-20	U	40.0	P	06/10/2025	15:35	LB136097
	Vanadium	6.26	+/-20	U	40.0	P	06/10/2025	15:35	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/10/2025	15:35	LB136097
CCB02	Aluminum	11.3	+/-50	U	100	P	06/10/2025	16:32	LB136097
	Antimony	6.76	+/-25	U	50.0	P	06/10/2025	16:32	LB136097
	Arsenic	5.12	+/-10	U	20.0	P	06/10/2025	16:32	LB136097
	Barium	14.6	+/-50	U	100	P	06/10/2025	16:32	LB136097
	Beryllium	0.56	+/-3	U	6.00	P	06/10/2025	16:32	LB136097
	Cadmium	0.50	+/-3	U	6.00	P	06/10/2025	16:32	LB136097
	Calcium	234	+/-1000	U	2000	P	06/10/2025	16:32	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/10/2025	16:32	LB136097
	Cobalt	2.26	+/-15	U	30.0	P	06/10/2025	16:32	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/10/2025	16:32	LB136097
	Iron	23.4	+/-50	U	100	P	06/10/2025	16:32	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/10/2025	16:32	LB136097
	Magnesium	244	+/-1000	U	2000	P	06/10/2025	16:32	LB136097
	Manganese	5.94	+/-10	U	20.0	P	06/10/2025	16:32	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/10/2025	16:32	LB136097
	Potassium	918	+/-1000	U	2000	P	06/10/2025	16:32	LB136097
	Selenium	9.64	+/-10	U	20.0	P	06/10/2025	16:32	LB136097

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture		SDG No.: Q2177							
Contract: PORT06	Lab Code: CHEM	Case No.: Q2177	SAS No.: Q2177						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	06/10/2025	16:32	LB136097
	Sodium	868	+/-1000	U	2000	P	06/10/2025	16:32	LB136097
	Thallium	4.38	+/-20	U	40.0	P	06/10/2025	16:32	LB136097
	Vanadium	6.26	+/-20	U	40.0	P	06/10/2025	16:32	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/10/2025	16:32	LB136097
CCB03	Aluminum	11.3	+/-50	U	100	P	06/10/2025	17:40	LB136097
	Antimony	6.76	+/-25	U	50.0	P	06/10/2025	17:40	LB136097
	Arsenic	5.12	+/-10	U	20.0	P	06/10/2025	17:40	LB136097
	Barium	14.6	+/-50	U	100	P	06/10/2025	17:40	LB136097
	Beryllium	0.56	+/-3	U	6.00	P	06/10/2025	17:40	LB136097
	Cadmium	0.50	+/-3	U	6.00	P	06/10/2025	17:40	LB136097
	Calcium	234	+/-1000	U	2000	P	06/10/2025	17:40	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/10/2025	17:40	LB136097
	Cobalt	2.26	+/-15	U	30.0	P	06/10/2025	17:40	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/10/2025	17:40	LB136097
	Iron	23.4	+/-50	U	100	P	06/10/2025	17:40	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/10/2025	17:40	LB136097
	Magnesium	244	+/-1000	U	2000	P	06/10/2025	17:40	LB136097
	Manganese	5.94	+/-10	U	20.0	P	06/10/2025	17:40	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/10/2025	17:40	LB136097
	Potassium	918	+/-1000	U	2000	P	06/10/2025	17:40	LB136097
	Selenium	9.64	+/-10	U	20.0	P	06/10/2025	17:40	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/10/2025	17:40	LB136097
	Sodium	868	+/-1000	U	2000	P	06/10/2025	17:40	LB136097
	Thallium	4.38	+/-20	U	40.0	P	06/10/2025	17:40	LB136097
	Vanadium	6.26	+/-20	U	40.0	P	06/10/2025	17:40	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/10/2025	17:40	LB136097
CCB04	Aluminum	11.3	+/-50	U	100	P	06/10/2025	18:32	LB136097
	Antimony	6.76	+/-25	U	50.0	P	06/10/2025	18:32	LB136097
	Arsenic	5.12	+/-10	U	20.0	P	06/10/2025	18:32	LB136097
	Barium	14.6	+/-50	U	100	P	06/10/2025	18:32	LB136097
	Beryllium	0.56	+/-3	U	6.00	P	06/10/2025	18:32	LB136097
	Cadmium	0.50	+/-3	U	6.00	P	06/10/2025	18:32	LB136097
	Calcium	234	+/-1000	U	2000	P	06/10/2025	18:32	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/10/2025	18:32	LB136097
	Cobalt	2.26	+/-15	U	30.0	P	06/10/2025	18:32	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/10/2025	18:32	LB136097
	Iron	23.4	+/-50	U	100	P	06/10/2025	18:32	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/10/2025	18:32	LB136097



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Client: Portal Partners Tri-Venture

SDG No.: Q2177

Contract: PORT06

Lab Code: CHEM

Case No.: Q2177

SAS No.: Q2177

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	06/10/2025	18:32	LB136097
	Manganese	5.94	+/-10	U	20.0	P	06/10/2025	18:32	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/10/2025	18:32	LB136097
	Potassium	918	+/-1000	U	2000	P	06/10/2025	18:32	LB136097
	Selenium	9.64	+/-10	U	20.0	P	06/10/2025	18:32	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/10/2025	18:32	LB136097
	Sodium	868	+/-1000	U	2000	P	06/10/2025	18:32	LB136097
	Thallium	4.38	+/-20	U	40.0	P	06/10/2025	18:32	LB136097
	Vanadium	6.26	+/-20	U	40.0	P	06/10/2025	18:32	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/10/2025	18:32	LB136097
CCB05	Aluminum	11.3	+/-50	U	100	P	06/10/2025	19:22	LB136097
	Antimony	6.76	+/-25	U	50.0	P	06/10/2025	19:22	LB136097
	Arsenic	5.12	+/-10	U	20.0	P	06/10/2025	19:22	LB136097
	Barium	14.6	+/-50	U	100	P	06/10/2025	19:22	LB136097
	Beryllium	0.56	+/-3	U	6.00	P	06/10/2025	19:22	LB136097
	Cadmium	0.50	+/-3	U	6.00	P	06/10/2025	19:22	LB136097
	Calcium	234	+/-1000	U	2000	P	06/10/2025	19:22	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/10/2025	19:22	LB136097
	Cobalt	2.26	+/-15	U	30.0	P	06/10/2025	19:22	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/10/2025	19:22	LB136097
	Iron	23.4	+/-50	U	100	P	06/10/2025	19:22	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/10/2025	19:22	LB136097
	Magnesium	244	+/-1000	U	2000	P	06/10/2025	19:22	LB136097
	Manganese	5.94	+/-10	U	20.0	P	06/10/2025	19:22	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/10/2025	19:22	LB136097
	Potassium	918	+/-1000	U	2000	P	06/10/2025	19:22	LB136097
	Selenium	9.64	+/-10	U	20.0	P	06/10/2025	19:22	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/10/2025	19:22	LB136097
	Sodium	868	+/-1000	U	2000	P	06/10/2025	19:22	LB136097
	Thallium	4.38	+/-20	U	40.0	P	06/10/2025	19:22	LB136097
CCB06	Vanadium	6.26	+/-20	U	40.0	P	06/10/2025	19:22	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/10/2025	19:22	LB136097
	Aluminum	11.3	+/-50	U	100	P	06/10/2025	20:14	LB136097
	Antimony	6.76	+/-25	U	50.0	P	06/10/2025	20:14	LB136097
	Arsenic	5.12	+/-10	U	20.0	P	06/10/2025	20:14	LB136097
	Barium	14.6	+/-50	U	100	P	06/10/2025	20:14	LB136097
	Beryllium	0.56	+/-3	U	6.00	P	06/10/2025	20:14	LB136097
	Cadmium	0.50	+/-3	U	6.00	P	06/10/2025	20:14	LB136097
	Calcium	234	+/-1000	U	2000	P	06/10/2025	20:14	LB136097

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture		SDG No.: Q2177							
Contract: PORT06	Lab Code: CHEM	Case No.: Q2177	SAS No.: Q2177						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	06/10/2025	20:14	LB136097
	Cobalt	2.26	+/-15	U	30.0	P	06/10/2025	20:14	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/10/2025	20:14	LB136097
	Iron	23.4	+/-50	U	100	P	06/10/2025	20:14	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/10/2025	20:14	LB136097
	Magnesium	244	+/-1000	U	2000	P	06/10/2025	20:14	LB136097
	Manganese	5.94	+/-10	U	20.0	P	06/10/2025	20:14	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/10/2025	20:14	LB136097
	Potassium	918	+/-1000	U	2000	P	06/10/2025	20:14	LB136097
	Selenium	9.64	+/-10	U	20.0	P	06/10/2025	20:14	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/10/2025	20:14	LB136097
	Sodium	868	+/-1000	U	2000	P	06/10/2025	20:14	LB136097
	Thallium	4.38	+/-20	U	40.0	P	06/10/2025	20:14	LB136097
	Vanadium	6.26	+/-20	U	40.0	P	06/10/2025	20:14	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/10/2025	20:14	LB136097
CCB07	Aluminum	11.3	+/-50	U	100	P	06/10/2025	21:08	LB136097
	Antimony	6.76	+/-25	U	50.0	P	06/10/2025	21:08	LB136097
	Arsenic	5.12	+/-10	U	20.0	P	06/10/2025	21:08	LB136097
	Barium	14.6	+/-50	U	100	P	06/10/2025	21:08	LB136097
	Beryllium	0.56	+/-3	U	6.00	P	06/10/2025	21:08	LB136097
	Cadmium	0.50	+/-3	U	6.00	P	06/10/2025	21:08	LB136097
	Calcium	234	+/-1000	U	2000	P	06/10/2025	21:08	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/10/2025	21:08	LB136097
	Cobalt	2.26	+/-15	U	30.0	P	06/10/2025	21:08	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/10/2025	21:08	LB136097
	Iron	23.4	+/-50	U	100	P	06/10/2025	21:08	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/10/2025	21:08	LB136097
	Magnesium	244	+/-1000	U	2000	P	06/10/2025	21:08	LB136097
	Manganese	5.94	+/-10	U	20.0	P	06/10/2025	21:08	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/10/2025	21:08	LB136097
	Potassium	918	+/-1000	U	2000	P	06/10/2025	21:08	LB136097
	Selenium	9.64	+/-10	U	20.0	P	06/10/2025	21:08	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/10/2025	21:08	LB136097
	Sodium	868	+/-1000	U	2000	P	06/10/2025	21:08	LB136097
	Thallium	4.38	+/-20	U	40.0	P	06/10/2025	21:08	LB136097
	Vanadium	6.26	+/-20	U	40.0	P	06/10/2025	21:08	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/10/2025	21:08	LB136097
CCB08	Aluminum	11.3	+/-50	U	100	P	06/10/2025	22:08	LB136097
	Antimony	6.76	+/-25	U	50.0	P	06/10/2025	22:08	LB136097

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture		SDG No.: Q2177							
Contract: PORT06	Lab Code: CHEM	Case No.: Q2177	SAS No.: Q2177						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	5.12	+/-10	U	20.0	P	06/10/2025	22:08	LB136097
	Barium	14.6	+/-50	U	100	P	06/10/2025	22:08	LB136097
	Beryllium	0.56	+/-3	U	6.00	P	06/10/2025	22:08	LB136097
	Cadmium	0.50	+/-3	U	6.00	P	06/10/2025	22:08	LB136097
	Calcium	234	+/-1000	U	2000	P	06/10/2025	22:08	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/10/2025	22:08	LB136097
	Cobalt	2.26	+/-15	U	30.0	P	06/10/2025	22:08	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/10/2025	22:08	LB136097
	Iron	23.4	+/-50	U	100	P	06/10/2025	22:08	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/10/2025	22:08	LB136097
	Magnesium	244	+/-1000	U	2000	P	06/10/2025	22:08	LB136097
	Manganese	5.94	+/-10	U	20.0	P	06/10/2025	22:08	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/10/2025	22:08	LB136097
	Potassium	918	+/-1000	U	2000	P	06/10/2025	22:08	LB136097
	Selenium	9.64	+/-10	U	20.0	P	06/10/2025	22:08	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/10/2025	22:08	LB136097
	Sodium	868	+/-1000	U	2000	P	06/10/2025	22:08	LB136097
	Thallium	4.38	+/-20	U	40.0	P	06/10/2025	22:08	LB136097
	Vanadium	6.26	+/-20	U	40.0	P	06/10/2025	22:08	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/10/2025	22:08	LB136097
CCB09	Aluminum	11.3	+/-50	U	100	P	06/10/2025	23:01	LB136097
	Antimony	6.76	+/-25	U	50.0	P	06/10/2025	23:01	LB136097
	Arsenic	5.12	+/-10	U	20.0	P	06/10/2025	23:01	LB136097
	Barium	14.6	+/-50	U	100	P	06/10/2025	23:01	LB136097
	Beryllium	0.56	+/-3	U	6.00	P	06/10/2025	23:01	LB136097
	Cadmium	0.50	+/-3	U	6.00	P	06/10/2025	23:01	LB136097
	Calcium	234	+/-1000	U	2000	P	06/10/2025	23:01	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/10/2025	23:01	LB136097
	Cobalt	2.26	+/-15	U	30.0	P	06/10/2025	23:01	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/10/2025	23:01	LB136097
	Iron	23.4	+/-50	U	100	P	06/10/2025	23:01	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/10/2025	23:01	LB136097
	Magnesium	244	+/-1000	U	2000	P	06/10/2025	23:01	LB136097
	Manganese	5.94	+/-10	U	20.0	P	06/10/2025	23:01	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/10/2025	23:01	LB136097
	Potassium	918	+/-1000	U	2000	P	06/10/2025	23:01	LB136097
	Selenium	9.64	+/-10	U	20.0	P	06/10/2025	23:01	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/10/2025	23:01	LB136097
	Sodium	868	+/-1000	U	2000	P	06/10/2025	23:01	LB136097

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture		SDG No.: Q2177							
Contract: PORT06	Lab Code: CHEM	Case No.: Q2177	SAS No.: Q2177						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB09	Thallium	4.38	+/-20	U	40.0	P	06/10/2025	23:01	LB136097
	Vanadium	6.26	+/-20	U	40.0	P	06/10/2025	23:01	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/10/2025	23:01	LB136097
CCB10	Aluminum	11.3	+/-50	U	100	P	06/11/2025	00:02	LB136097
	Antimony	6.76	+/-25	U	50.0	P	06/11/2025	00:02	LB136097
	Arsenic	5.12	+/-10	U	20.0	P	06/11/2025	00:02	LB136097
	Barium	14.6	+/-50	U	100	P	06/11/2025	00:02	LB136097
	Beryllium	0.56	+/-3	U	6.00	P	06/11/2025	00:02	LB136097
	Cadmium	0.50	+/-3	U	6.00	P	06/11/2025	00:02	LB136097
	Calcium	234	+/-1000	U	2000	P	06/11/2025	00:02	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/11/2025	00:02	LB136097
	Cobalt	2.26	+/-15	U	30.0	P	06/11/2025	00:02	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/11/2025	00:02	LB136097
	Iron	23.4	+/-50	U	100	P	06/11/2025	00:02	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/11/2025	00:02	LB136097
	Magnesium	244	+/-1000	U	2000	P	06/11/2025	00:02	LB136097
	Manganese	5.94	+/-10	U	20.0	P	06/11/2025	00:02	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/11/2025	00:02	LB136097
	Potassium	918	+/-1000	U	2000	P	06/11/2025	00:02	LB136097
	Selenium	9.64	+/-10	U	20.0	P	06/11/2025	00:02	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/11/2025	00:02	LB136097
	Sodium	868	+/-1000	U	2000	P	06/11/2025	00:02	LB136097
	Thallium	4.38	+/-20	U	40.0	P	06/11/2025	00:02	LB136097
	Vanadium	6.26	+/-20	U	40.0	P	06/11/2025	00:02	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/11/2025	00:02	LB136097
	Aluminum	11.3	+/-50	U	100	P	06/11/2025	01:39	LB136097
	Antimony	6.76	+/-25	U	50.0	P	06/11/2025	01:39	LB136097
	Arsenic	5.12	+/-10	U	20.0	P	06/11/2025	01:39	LB136097
	Barium	14.6	+/-50	U	100	P	06/11/2025	01:39	LB136097
	Beryllium	0.56	+/-3	U	6.00	P	06/11/2025	01:39	LB136097
	Cadmium	0.50	+/-3	U	6.00	P	06/11/2025	01:39	LB136097
	Calcium	234	+/-1000	U	2000	P	06/11/2025	01:39	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/11/2025	01:39	LB136097
	Cobalt	2.26	+/-15	U	30.0	P	06/11/2025	01:39	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/11/2025	01:39	LB136097
	Iron	23.4	+/-50	U	100	P	06/11/2025	01:39	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/11/2025	01:39	LB136097
	Magnesium	244	+/-1000	U	2000	P	06/11/2025	01:39	LB136097
	Manganese	5.94	+/-10	U	20.0	P	06/11/2025	01:39	LB136097

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture		SDG No.: Q2177							
Contract: PORT06	Lab Code: CHEM	Case No.: Q2177	SAS No.: Q2177						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB11	Nickel	3.06	+/-20	U	40.0	P	06/11/2025	01:39	LB136097
	Potassium	918	+/-1000	U	2000	P	06/11/2025	01:39	LB136097
	Selenium	9.64	+/-10	U	20.0	P	06/11/2025	01:39	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/11/2025	01:39	LB136097
	Sodium	868	+/-1000	U	2000	P	06/11/2025	01:39	LB136097
	Thallium	4.38	+/-20	U	40.0	P	06/11/2025	01:39	LB136097
	Vanadium	6.26	+/-20	U	40.0	P	06/11/2025	01:39	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/11/2025	01:39	LB136097
CCB12	Aluminum	11.3	+/-50	U	100	P	06/11/2025	02:25	LB136097
	Antimony	6.76	+/-25	U	50.0	P	06/11/2025	02:25	LB136097
	Arsenic	5.12	+/-10	U	20.0	P	06/11/2025	02:25	LB136097
	Barium	14.6	+/-50	U	100	P	06/11/2025	02:25	LB136097
	Beryllium	0.56	+/-3	U	6.00	P	06/11/2025	02:25	LB136097
	Cadmium	0.50	+/-3	U	6.00	P	06/11/2025	02:25	LB136097
	Calcium	234	+/-1000	U	2000	P	06/11/2025	02:25	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/11/2025	02:25	LB136097
	Cobalt	2.26	+/-15	U	30.0	P	06/11/2025	02:25	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/11/2025	02:25	LB136097
	Iron	23.4	+/-50	U	100	P	06/11/2025	02:25	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/11/2025	02:25	LB136097
	Magnesium	244	+/-1000	U	2000	P	06/11/2025	02:25	LB136097
	Manganese	5.94	+/-10	U	20.0	P	06/11/2025	02:25	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/11/2025	02:25	LB136097
	Potassium	918	+/-1000	U	2000	P	06/11/2025	02:25	LB136097
	Selenium	9.64	+/-10	U	20.0	P	06/11/2025	02:25	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/11/2025	02:25	LB136097
	Sodium	868	+/-1000	U	2000	P	06/11/2025	02:25	LB136097
	Thallium	4.38	+/-20	U	40.0	P	06/11/2025	02:25	LB136097
	Vanadium	6.26	+/-20	U	40.0	P	06/11/2025	02:25	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/11/2025	02:25	LB136097

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Portal Partners Tri-Venture

SDG No.: Q2177

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168247BL		WATER		Batch Number:	PB168247		Prep Date:	06/02/2025	
	Mercury	0.076	<0.2	U	0.20	CV	06/03/2025	10:59	LB135986
Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB168249BL		SOLID		Batch Number:	PB168249		Prep Date:	06/02/2025	
	Mercury	0.0070	<0.013	U	0.013	CV	06/03/2025	13:53	LB135987

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Portal Partners Tri-Venture

SDG No.: Q2177

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB168245BL	SOLID			Batch Number:	PB168245		Prep Date:	06/02/2025	
	Aluminum	0.84	<2.5	U	5.00	P	06/10/2025	20:35	LB136097
	Antimony	0.22	<1.25	U	2.50	P	06/10/2025	20:35	LB136097
	Arsenic	0.19	<0.5	U	1.00	P	06/10/2025	20:35	LB136097
	Barium	0.73	<2.5	U	5.00	P	06/10/2025	20:35	LB136097
	Beryllium	0.025	<0.15	U	0.30	P	06/10/2025	20:35	LB136097
	Cadmium	0.024	<0.15	U	0.30	P	06/10/2025	20:35	LB136097
	Calcium	11.1	<50	U	100	P	06/10/2025	20:35	LB136097
	Chromium	0.047	<0.25	U	0.50	P	06/10/2025	20:35	LB136097
	Cobalt	0.10	<0.75	U	1.50	P	06/10/2025	20:35	LB136097
	Copper	0.22	<0.5	U	1.00	P	06/10/2025	20:35	LB136097
	Iron	3.99	<2.5	U	5.00	P	06/10/2025	20:35	LB136097
	Lead	0.13	<0.3	U	0.60	P	06/10/2025	20:35	LB136097
	Magnesium	12.0	<50	U	100	P	06/10/2025	20:35	LB136097
	Manganese	0.14	<0.5	U	1.00	P	06/10/2025	20:35	LB136097
	Nickel	0.13	<1	U	2.00	P	06/10/2025	20:35	LB136097
	Potassium	27.7	<50	U	100	P	06/10/2025	20:35	LB136097
	Selenium	0.26	<0.5	U	1.00	P	06/10/2025	20:35	LB136097
	Silver	0.12	<0.25	U	0.50	P	06/10/2025	20:35	LB136097
	Sodium	17.8	<50	U	100	P	06/10/2025	20:35	LB136097
	Thallium	0.23	<1	U	2.00	P	06/10/2025	20:35	LB136097
	Vanadium	0.25	<1	U	2.00	P	06/10/2025	20:35	LB136097
	Zinc	0.23	<1	U	2.00	P	06/10/2025	20:35	LB136097
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168255BL	WATER			Batch Number:	PB168255		Prep Date:	06/03/2025	
	Aluminum	5.67	<25	U	50.0	P	06/04/2025	19:51	LB136011
	Antimony	3.38	<12.5	U	25.0	P	06/04/2025	19:51	LB136011
	Arsenic	2.56	<5	U	10.0	P	06/04/2025	19:51	LB136011
	Barium	7.28	<25	U	50.0	P	06/04/2025	19:51	LB136011
	Beryllium	0.28	<1.5	U	3.00	P	06/04/2025	19:51	LB136011
	Cadmium	0.25	<1.5	U	3.00	P	06/04/2025	19:51	LB136011
	Calcium	117	<500	U	1000	P	06/04/2025	19:51	LB136011
	Chromium	1.06	<2.5	U	5.00	P	06/04/2025	19:51	LB136011
	Cobalt	1.13	<7.5	U	15.0	P	06/04/2025	19:51	LB136011
	Copper	2.30	<5	U	10.0	P	06/04/2025	19:51	LB136011
	Iron	11.7	<25	U	50.0	P	06/04/2025	19:51	LB136011
	Lead	1.15	<3	U	6.00	P	06/04/2025	19:51	LB136011
	Magnesium	122	<500	U	1000	P	06/04/2025	19:51	LB136011
	Manganese	2.97	<5	U	10.0	P	06/04/2025	19:51	LB136011
	Nickel	1.53	<10	U	20.0	P	06/04/2025	19:51	LB136011

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Portal Partners Tri-Venture

SDG No.: Q2177

Instrument: P4

Potassium	459	<500	U	1000	P	06/04/2025	19:51	LB136011
Selenium	4.82	<5	U	10.0	P	06/04/2025	19:51	LB136011
Silver	0.81	<2.5	U	5.00	P	06/04/2025	19:51	LB136011
Sodium	434	<500	U	1000	P	06/04/2025	19:51	LB136011
Thallium	2.19	<10	U	20.0	P	06/04/2025	19:51	LB136011
Vanadium	3.13	<10	U	20.0	P	06/04/2025	19:51	LB136011
Zinc	8.33	<10	U	20.0	P	06/04/2025	19:51	LB136011



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2177
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2177 **SAS No.:** Q2177
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
ICV24	Mercury	4.16	4.0	104	90 - 110	CV	06/03/2025	10:33	LB135986

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2177
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2177 **SAS No.:** Q2177
Initial Calibration Source: EPA
Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV86	Mercury	4.85	5.0	97	90 - 110	CV	06/03/2025	10:38	LB135986
CCV87	Mercury	4.56	5.0	91	90 - 110	CV	06/03/2025	11:22	LB135986
CCV88	Mercury	4.81	5.0	96	90 - 110	CV	06/03/2025	11:50	LB135986
CCV89	Mercury	4.80	5.0	96	90 - 110	CV	06/03/2025	12:02	LB135986

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2177
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2177 **SAS No.:** Q2177
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
ICV25	Mercury	4.05	4.0	101	90 - 110	CV	06/03/2025	12:43	LB135987

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2177
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2177 **SAS No.:** Q2177
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
CCV90	Mercury	4.72	5.0	94	90 - 110	CV	06/03/2025	12:48	LB135987
CCV91	Mercury	4.54	5.0	91	90 - 110	CV	06/03/2025	13:20	LB135987
CCV92	Mercury	4.53	5.0	90	90 - 110	CV	06/03/2025	13:48	LB135987
CCV93	Mercury	4.88	5.0	98	90 - 110	CV	06/03/2025	14:16	LB135987
CCV94	Mercury	4.76	5.0	95	90 - 110	CV	06/03/2025	14:48	LB135987
CCV95	Mercury	4.82	5.0	96	90 - 110	CV	06/03/2025	15:02	LB135987

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2177

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2177 **SAS No.:** Q2177

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	2470	2500	99	90 - 110	P	06/04/2025	15:49	LB136011
	Antimony	1020	1000	102	90 - 110	P	06/04/2025	15:49	LB136011
	Arsenic	1000	1000	100	90 - 110	P	06/04/2025	15:49	LB136011
	Barium	552	520	106	90 - 110	P	06/04/2025	15:49	LB136011
	Beryllium	472	510	92	90 - 110	P	06/04/2025	15:49	LB136011
	Cadmium	500	510	98	90 - 110	P	06/04/2025	15:49	LB136011
	Calcium	9520	10000	95	90 - 110	P	06/04/2025	15:49	LB136011
	Chromium	518	520	100	90 - 110	P	06/04/2025	15:49	LB136011
	Cobalt	521	520	100	90 - 110	P	06/04/2025	15:49	LB136011
	Copper	527	510	103	90 - 110	P	06/04/2025	15:49	LB136011
	Iron	10100	10000	100	90 - 110	P	06/04/2025	15:49	LB136011
	Lead	976	1000	98	90 - 110	P	06/04/2025	15:49	LB136011
	Magnesium	5940	6000	99	90 - 110	P	06/04/2025	15:49	LB136011
	Manganese	500	520	96	90 - 110	P	06/04/2025	15:49	LB136011
	Nickel	532	530	100	90 - 110	P	06/04/2025	15:49	LB136011
	Potassium	10500	9900	106	90 - 110	P	06/04/2025	15:49	LB136011
	Selenium	1000	1000	100	90 - 110	P	06/04/2025	15:49	LB136011
	Silver	234	250	94	90 - 110	P	06/04/2025	15:49	LB136011
	Sodium	10400	10000	104	90 - 110	P	06/04/2025	15:49	LB136011
	Thallium	1000	1000	100	90 - 110	P	06/04/2025	15:49	LB136011
	Vanadium	469	500	94	90 - 110	P	06/04/2025	15:49	LB136011
	Zinc	971	1000	97	90 - 110	P	06/04/2025	15:49	LB136011

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2177

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2177 **SAS No.:** Q2177

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	103	100	103	80 - 120	P	06/04/2025	16:06	LB136011
	Antimony	52.4	50.0	105	80 - 120	P	06/04/2025	16:06	LB136011
	Arsenic	18.1	20.0	90	80 - 120	P	06/04/2025	16:06	LB136011
	Barium	88.2	100	88	80 - 120	P	06/04/2025	16:06	LB136011
	Beryllium	5.51	6.0	92	80 - 120	P	06/04/2025	16:06	LB136011
	Cadmium	5.84	6.0	97	80 - 120	P	06/04/2025	16:06	LB136011
	Calcium	1880	2000	94	80 - 120	P	06/04/2025	16:06	LB136011
	Chromium	10.2	10.0	102	80 - 120	P	06/04/2025	16:06	LB136011
	Cobalt	29.2	30.0	97	80 - 120	P	06/04/2025	16:06	LB136011
	Copper	21.5	20.0	108	80 - 120	P	06/04/2025	16:06	LB136011
	Iron	109	100	109	80 - 120	P	06/04/2025	16:06	LB136011
	Lead	11.3	12.0	94	80 - 120	P	06/04/2025	16:06	LB136011
	Magnesium	1890	2000	95	80 - 120	P	06/04/2025	16:06	LB136011
	Manganese	18.7	20.0	94	80 - 120	P	06/04/2025	16:06	LB136011
	Nickel	39.9	40.0	100	80 - 120	P	06/04/2025	16:06	LB136011
	Potassium	1870	2000	94	80 - 120	P	06/04/2025	16:06	LB136011
	Selenium	23.1	20.0	115	80 - 120	P	06/04/2025	16:06	LB136011
	Silver	9.80	10.0	98	80 - 120	P	06/04/2025	16:06	LB136011
	Sodium	1770	2000	88	80 - 120	P	06/04/2025	16:06	LB136011
	Thallium	39.8	40.0	100	80 - 120	P	06/04/2025	16:06	LB136011
	Vanadium	37.5	40.0	94	80 - 120	P	06/04/2025	16:06	LB136011
	Zinc	42.0	40.0	105	80 - 120	P	06/04/2025	16:06	LB136011

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q2177
Contract: PORT06 Lab Code: CHEM Case No.: Q2177 SAS No.: Q2177
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	9950	10000	100	90 - 110	P	06/04/2025	16:45	LB136011
	Antimony	5070	5000	102	90 - 110	P	06/04/2025	16:45	LB136011
	Arsenic	5030	5000	101	90 - 110	P	06/04/2025	16:45	LB136011
	Barium	9780	10000	98	90 - 110	P	06/04/2025	16:45	LB136011
	Beryllium	247	250	99	90 - 110	P	06/04/2025	16:45	LB136011
	Cadmium	2510	2500	100	90 - 110	P	06/04/2025	16:45	LB136011
	Calcium	24300	25000	97	90 - 110	P	06/04/2025	16:45	LB136011
	Chromium	993	1000	99	90 - 110	P	06/04/2025	16:45	LB136011
	Cobalt	2510	2500	100	90 - 110	P	06/04/2025	16:45	LB136011
	Copper	1280	1250	102	90 - 110	P	06/04/2025	16:45	LB136011
	Iron	4790	5000	96	90 - 110	P	06/04/2025	16:45	LB136011
	Lead	5010	5000	100	90 - 110	P	06/04/2025	16:45	LB136011
	Magnesium	24300	25000	97	90 - 110	P	06/04/2025	16:45	LB136011
	Manganese	2440	2500	98	90 - 110	P	06/04/2025	16:45	LB136011
	Nickel	2530	2500	101	90 - 110	P	06/04/2025	16:45	LB136011
	Potassium	24200	25000	97	90 - 110	P	06/04/2025	16:45	LB136011
	Selenium	5070	5000	101	90 - 110	P	06/04/2025	16:45	LB136011
	Silver	1230	1250	99	90 - 110	P	06/04/2025	16:45	LB136011
	Sodium	24500	25000	98	90 - 110	P	06/04/2025	16:45	LB136011
	Thallium	4790	5000	96	90 - 110	P	06/04/2025	16:45	LB136011
	Vanadium	2420	2500	97	90 - 110	P	06/04/2025	16:45	LB136011
	Zinc	2450	2500	98	90 - 110	P	06/04/2025	16:45	LB136011
CCV02	Aluminum	9620	10000	96	90 - 110	P	06/04/2025	17:35	LB136011
	Antimony	4990	5000	100	90 - 110	P	06/04/2025	17:35	LB136011
	Arsenic	4960	5000	99	90 - 110	P	06/04/2025	17:35	LB136011
	Barium	9200	10000	92	90 - 110	P	06/04/2025	17:35	LB136011
	Beryllium	244	250	98	90 - 110	P	06/04/2025	17:35	LB136011
	Cadmium	2460	2500	98	90 - 110	P	06/04/2025	17:35	LB136011
	Calcium	23500	25000	94	90 - 110	P	06/04/2025	17:35	LB136011
	Chromium	985	1000	98	90 - 110	P	06/04/2025	17:35	LB136011
	Cobalt	2460	2500	98	90 - 110	P	06/04/2025	17:35	LB136011
	Copper	1250	1250	100	90 - 110	P	06/04/2025	17:35	LB136011
	Iron	4740	5000	95	90 - 110	P	06/04/2025	17:35	LB136011
	Lead	4910	5000	98	90 - 110	P	06/04/2025	17:35	LB136011

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q2177
Contract: PORT06 Lab Code: CHEM Case No.: Q2177 SAS No.: Q2177
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	23600	25000	94	90 - 110	P	06/04/2025	17:35	LB136011
	Manganese	2330	2500	93	90 - 110	P	06/04/2025	17:35	LB136011
	Nickel	2480	2500	99	90 - 110	P	06/04/2025	17:35	LB136011
	Potassium	23800	25000	95	90 - 110	P	06/04/2025	17:35	LB136011
	Selenium	5060	5000	101	90 - 110	P	06/04/2025	17:35	LB136011
	Silver	1230	1250	98	90 - 110	P	06/04/2025	17:35	LB136011
	Sodium	23700	25000	95	90 - 110	P	06/04/2025	17:35	LB136011
	Thallium	5120	5000	102	90 - 110	P	06/04/2025	17:35	LB136011
	Vanadium	2340	2500	94	90 - 110	P	06/04/2025	17:35	LB136011
	Zinc	2480	2500	99	90 - 110	P	06/04/2025	17:35	LB136011
CCV03	Aluminum	9250	10000	92	90 - 110	P	06/04/2025	18:37	LB136011
	Antimony	4830	5000	97	90 - 110	P	06/04/2025	18:37	LB136011
	Arsenic	4790	5000	96	90 - 110	P	06/04/2025	18:37	LB136011
	Barium	9130	10000	91	90 - 110	P	06/04/2025	18:37	LB136011
	Beryllium	231	250	93	90 - 110	P	06/04/2025	18:37	LB136011
	Cadmium	2390	2500	95	90 - 110	P	06/04/2025	18:37	LB136011
	Calcium	22900	25000	91	90 - 110	P	06/04/2025	18:37	LB136011
	Chromium	953	1000	95	90 - 110	P	06/04/2025	18:37	LB136011
	Cobalt	2380	2500	95	90 - 110	P	06/04/2025	18:37	LB136011
	Copper	1220	1250	97	90 - 110	P	06/04/2025	18:37	LB136011
	Iron	4730	5000	95	90 - 110	P	06/04/2025	18:37	LB136011
	Lead	4750	5000	95	90 - 110	P	06/04/2025	18:37	LB136011
	Magnesium	22800	25000	91	90 - 110	P	06/04/2025	18:37	LB136011
	Manganese	2290	2500	92	90 - 110	P	06/04/2025	18:37	LB136011
	Nickel	2400	2500	96	90 - 110	P	06/04/2025	18:37	LB136011
	Potassium	23600	25000	95	90 - 110	P	06/04/2025	18:37	LB136011
	Selenium	4850	5000	97	90 - 110	P	06/04/2025	18:37	LB136011
	Silver	1190	1250	96	90 - 110	P	06/04/2025	18:37	LB136011
	Sodium	23900	25000	96	90 - 110	P	06/04/2025	18:37	LB136011
	Thallium	4610	5000	92	90 - 110	P	06/04/2025	18:37	LB136011
	Vanadium	2280	2500	91	90 - 110	P	06/04/2025	18:37	LB136011
	Zinc	2370	2500	95	90 - 110	P	06/04/2025	18:37	LB136011
CCV04	Aluminum	9170	10000	92	90 - 110	P	06/04/2025	19:26	LB136011
	Antimony	4740	5000	95	90 - 110	P	06/04/2025	19:26	LB136011

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q2177
Contract: PORT06 Lab Code: CHEM Case No.: Q2177 SAS No.: Q2177
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	4700	5000	94	90 - 110	P	06/04/2025	19:26	LB136011
	Barium	9070	10000	91	90 - 110	P	06/04/2025	19:26	LB136011
	Beryllium	227	250	91	90 - 110	P	06/04/2025	19:26	LB136011
	Cadmium	2360	2500	94	90 - 110	P	06/04/2025	19:26	LB136011
	Calcium	22800	25000	91	90 - 110	P	06/04/2025	19:26	LB136011
	Chromium	944	1000	94	90 - 110	P	06/04/2025	19:26	LB136011
	Cobalt	2360	2500	94	90 - 110	P	06/04/2025	19:26	LB136011
	Copper	1190	1250	96	90 - 110	P	06/04/2025	19:26	LB136011
	Iron	4670	5000	94	90 - 110	P	06/04/2025	19:26	LB136011
	Lead	4700	5000	94	90 - 110	P	06/04/2025	19:26	LB136011
	Magnesium	22700	25000	91	90 - 110	P	06/04/2025	19:26	LB136011
	Manganese	2280	2500	91	90 - 110	P	06/04/2025	19:26	LB136011
	Nickel	2370	2500	95	90 - 110	P	06/04/2025	19:26	LB136011
	Potassium	23200	25000	93	90 - 110	P	06/04/2025	19:26	LB136011
	Selenium	4750	5000	95	90 - 110	P	06/04/2025	19:26	LB136011
	Silver	1170	1250	94	90 - 110	P	06/04/2025	19:26	LB136011
	Sodium	23600	25000	94	90 - 110	P	06/04/2025	19:26	LB136011
	Thallium	4830	5000	97	90 - 110	P	06/04/2025	19:26	LB136011
	Vanadium	2280	2500	91	90 - 110	P	06/04/2025	19:26	LB136011
	Zinc	2310	2500	92	90 - 110	P	06/04/2025	19:26	LB136011
CCV05	Aluminum	9260	10000	93	90 - 110	P	06/04/2025	20:12	LB136011
	Antimony	4750	5000	95	90 - 110	P	06/04/2025	20:12	LB136011
	Arsenic	4700	5000	94	90 - 110	P	06/04/2025	20:12	LB136011
	Barium	9550	10000	96	90 - 110	P	06/04/2025	20:12	LB136011
	Beryllium	228	250	91	90 - 110	P	06/04/2025	20:12	LB136011
	Cadmium	2350	2500	94	90 - 110	P	06/04/2025	20:12	LB136011
	Calcium	23100	25000	92	90 - 110	P	06/04/2025	20:12	LB136011
	Chromium	942	1000	94	90 - 110	P	06/04/2025	20:12	LB136011
	Cobalt	2360	2500	94	90 - 110	P	06/04/2025	20:12	LB136011
	Copper	1200	1250	96	90 - 110	P	06/04/2025	20:12	LB136011
	Iron	4820	5000	96	90 - 110	P	06/04/2025	20:12	LB136011
	Lead	4720	5000	94	90 - 110	P	06/04/2025	20:12	LB136011
	Magnesium	22700	25000	91	90 - 110	P	06/04/2025	20:12	LB136011
	Manganese	2330	2500	93	90 - 110	P	06/04/2025	20:12	LB136011

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q2177
 Contract: PORT06 Lab Code: CHEM Case No.: Q2177 SAS No.: Q2177
 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	2360	2500	95	90 - 110	P	06/04/2025	20:12	LB136011
	Potassium	24000	25000	96	90 - 110	P	06/04/2025	20:12	LB136011
	Selenium	4730	5000	94	90 - 110	P	06/04/2025	20:12	LB136011
	Silver	1190	1250	95	90 - 110	P	06/04/2025	20:12	LB136011
	Sodium	24700	25000	99	90 - 110	P	06/04/2025	20:12	LB136011
	Thallium	4790	5000	96	90 - 110	P	06/04/2025	20:12	LB136011
	Vanadium	2310	2500	92	90 - 110	P	06/04/2025	20:12	LB136011
	Zinc	2340	2500	94	90 - 110	P	06/04/2025	20:12	LB136011
CCV06	Aluminum	9210	10000	92	90 - 110	P	06/04/2025	20:58	LB136011
	Antimony	4660	5000	93	90 - 110	P	06/04/2025	20:58	LB136011
	Arsenic	4620	5000	92	90 - 110	P	06/04/2025	20:58	LB136011
	Barium	9410	10000	94	90 - 110	P	06/04/2025	20:58	LB136011
	Beryllium	231	250	93	90 - 110	P	06/04/2025	20:58	LB136011
	Cadmium	2320	2500	93	90 - 110	P	06/04/2025	20:58	LB136011
	Calcium	23300	25000	93	90 - 110	P	06/04/2025	20:58	LB136011
	Chromium	930	1000	93	90 - 110	P	06/04/2025	20:58	LB136011
	Cobalt	2330	2500	93	90 - 110	P	06/04/2025	20:58	LB136011
	Copper	1170	1250	94	90 - 110	P	06/04/2025	20:58	LB136011
	Iron	4690	5000	94	90 - 110	P	06/04/2025	20:58	LB136011
	Lead	4650	5000	93	90 - 110	P	06/04/2025	20:58	LB136011
	Magnesium	23000	25000	92	90 - 110	P	06/04/2025	20:58	LB136011
	Manganese	2350	2500	94	90 - 110	P	06/04/2025	20:58	LB136011
	Nickel	2330	2500	93	90 - 110	P	06/04/2025	20:58	LB136011
	Potassium	23000	25000	92	90 - 110	P	06/04/2025	20:58	LB136011
	Selenium	4630	5000	92	90 - 110	P	06/04/2025	20:58	LB136011
	Silver	1160	1250	93	90 - 110	P	06/04/2025	20:58	LB136011
	Sodium	23500	25000	94	90 - 110	P	06/04/2025	20:58	LB136011
	Thallium	4690	5000	94	90 - 110	P	06/04/2025	20:58	LB136011
	Vanadium	2310	2500	92	90 - 110	P	06/04/2025	20:58	LB136011
	Zinc	2290	2500	92	90 - 110	P	06/04/2025	20:58	LB136011
CCV07	Aluminum	9220	10000	92	90 - 110	P	06/04/2025	21:41	LB136011
	Antimony	4730	5000	94	90 - 110	P	06/04/2025	21:41	LB136011
	Arsenic	4710	5000	94	90 - 110	P	06/04/2025	21:41	LB136011
	Barium	9600	10000	96	90 - 110	P	06/04/2025	21:41	LB136011

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q2177
Contract: PORT06 Lab Code: CHEM Case No.: Q2177 SAS No.: Q2177
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	230	250	92	90 - 110	P	06/04/2025	21:41	LB136011
	Cadmium	2370	2500	95	90 - 110	P	06/04/2025	21:41	LB136011
	Calcium	23400	25000	94	90 - 110	P	06/04/2025	21:41	LB136011
	Chromium	945	1000	94	90 - 110	P	06/04/2025	21:41	LB136011
	Cobalt	2360	2500	95	90 - 110	P	06/04/2025	21:41	LB136011
	Copper	1190	1250	95	90 - 110	P	06/04/2025	21:41	LB136011
	Iron	4930	5000	98	90 - 110	P	06/04/2025	21:41	LB136011
	Lead	4730	5000	95	90 - 110	P	06/04/2025	21:41	LB136011
	Magnesium	23000	25000	92	90 - 110	P	06/04/2025	21:41	LB136011
	Manganese	2370	2500	95	90 - 110	P	06/04/2025	21:41	LB136011
	Nickel	2370	2500	95	90 - 110	P	06/04/2025	21:41	LB136011
	Potassium	24100	25000	96	90 - 110	P	06/04/2025	21:41	LB136011
	Selenium	4690	5000	94	90 - 110	P	06/04/2025	21:41	LB136011
	Silver	1190	1250	95	90 - 110	P	06/04/2025	21:41	LB136011
	Sodium	24700	25000	99	90 - 110	P	06/04/2025	21:41	LB136011
	Thallium	4700	5000	94	90 - 110	P	06/04/2025	21:41	LB136011
	Vanadium	2340	2500	93	90 - 110	P	06/04/2025	21:41	LB136011
	Zinc	2340	2500	94	90 - 110	P	06/04/2025	21:41	LB136011
CCV08	Aluminum	9270	10000	93	90 - 110	P	06/04/2025	22:06	LB136011
	Antimony	4660	5000	93	90 - 110	P	06/04/2025	22:06	LB136011
	Arsenic	4620	5000	92	90 - 110	P	06/04/2025	22:06	LB136011
	Barium	9210	10000	92	90 - 110	P	06/04/2025	22:06	LB136011
	Beryllium	245	250	98	90 - 110	P	06/04/2025	22:06	LB136011
	Cadmium	2330	2500	93	90 - 110	P	06/04/2025	22:06	LB136011
	Calcium	23100	25000	92	90 - 110	P	06/04/2025	22:06	LB136011
	Chromium	937	1000	94	90 - 110	P	06/04/2025	22:06	LB136011
	Cobalt	2330	2500	93	90 - 110	P	06/04/2025	22:06	LB136011
	Copper	1170	1250	94	90 - 110	P	06/04/2025	22:06	LB136011
	Iron	4430	5000	88	90 - 110	P	06/04/2025	22:06	LB136011
	Lead	4670	5000	93	90 - 110	P	06/04/2025	22:06	LB136011
	Magnesium	23200	25000	93	90 - 110	P	06/04/2025	22:06	LB136011
	Manganese	2330	2500	93	90 - 110	P	06/04/2025	22:06	LB136011
	Nickel	2330	2500	93	90 - 110	P	06/04/2025	22:06	LB136011
	Potassium	21800	25000	87	90 - 110	P	06/04/2025	22:06	LB136011

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2177
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2177 **SAS No.:** Q2177
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	4580	5000	92	90 - 110	P	06/04/2025	22:06	LB136011
	Silver	1170	1250	94	90 - 110	P	06/04/2025	22:06	LB136011
	Sodium	22000	25000	88	90 - 110	P	06/04/2025	22:06	LB136011
	Thallium	4600	5000	92	90 - 110	P	06/04/2025	22:06	LB136011
	Vanadium	2300	2500	92	90 - 110	P	06/04/2025	22:06	LB136011
	Zinc	2290	2500	92	90 - 110	P	06/04/2025	22:06	LB136011

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2177

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2177 **SAS No.:** Q2177

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	7520	8000	94	90 - 110	P	06/10/2025	14:37	LB136097
	Antimony	4020	4000	100	90 - 110	P	06/10/2025	14:37	LB136097
	Arsenic	3850	4000	96	90 - 110	P	06/10/2025	14:37	LB136097
	Barium	7450	8000	93	90 - 110	P	06/10/2025	14:37	LB136097
	Beryllium	198	200	99	90 - 110	P	06/10/2025	14:37	LB136097
	Cadmium	1920	2000	96	90 - 110	P	06/10/2025	14:37	LB136097
	Calcium	18500	20000	92	90 - 110	P	06/10/2025	14:37	LB136097
	Chromium	794	800	99	90 - 110	P	06/10/2025	14:37	LB136097
	Cobalt	1940	2000	97	90 - 110	P	06/10/2025	14:37	LB136097
	Copper	994	1000	99	90 - 110	P	06/10/2025	14:37	LB136097
	Iron	3770	4000	94	90 - 110	P	06/10/2025	14:37	LB136097
	Lead	3800	4000	95	90 - 110	P	06/10/2025	14:37	LB136097
	Magnesium	18700	20000	93	90 - 110	P	06/10/2025	14:37	LB136097
	Manganese	1860	2000	93	90 - 110	P	06/10/2025	14:37	LB136097
	Nickel	1930	2000	97	90 - 110	P	06/10/2025	14:37	LB136097
	Potassium	21800	20000	109	90 - 110	P	06/10/2025	14:37	LB136097
	Selenium	3880	4000	97	90 - 110	P	06/10/2025	14:37	LB136097
	Silver	978	1000	98	90 - 110	P	06/10/2025	14:37	LB136097
	Sodium	21900	20000	109	90 - 110	P	06/10/2025	14:37	LB136097
	Thallium	3740	4000	94	90 - 110	P	06/10/2025	14:37	LB136097
	Vanadium	1900	2000	95	90 - 110	P	06/10/2025	14:37	LB136097
	Zinc	1980	2000	99	90 - 110	P	06/10/2025	14:37	LB136097

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q2177
Contract: PORT06 Lab Code: CHEM Case No.: Q2177 SAS No.: Q2177
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	110	100	110	80 - 120	P	06/10/2025	14:41	LB136097
	Antimony	55.0	50.0	110	80 - 120	P	06/10/2025	14:41	LB136097
	Arsenic	21.2	20.0	106	80 - 120	P	06/10/2025	14:41	LB136097
	Barium	101	100	101	80 - 120	P	06/10/2025	14:41	LB136097
	Beryllium	6.23	6.0	104	80 - 120	P	06/10/2025	14:41	LB136097
	Cadmium	6.31	6.0	105	80 - 120	P	06/10/2025	14:41	LB136097
	Calcium	2040	2000	102	80 - 120	P	06/10/2025	14:41	LB136097
	Chromium	10.8	10.0	108	80 - 120	P	06/10/2025	14:41	LB136097
	Cobalt	30.5	30.0	102	80 - 120	P	06/10/2025	14:41	LB136097
	Copper	22.6	20.0	113	80 - 120	P	06/10/2025	14:41	LB136097
	Iron	108	100	108	80 - 120	P	06/10/2025	14:41	LB136097
	Lead	12.8	12.0	107	80 - 120	P	06/10/2025	14:41	LB136097
	Magnesium	2030	2000	102	80 - 120	P	06/10/2025	14:41	LB136097
	Manganese	21.1	20.0	106	80 - 120	P	06/10/2025	14:41	LB136097
	Nickel	41.6	40.0	104	80 - 120	P	06/10/2025	14:41	LB136097
	Potassium	1960	2000	98	80 - 120	P	06/10/2025	14:41	LB136097
	Selenium	19.7	20.0	98	80 - 120	P	06/10/2025	14:41	LB136097
	Silver	10.5	10.0	105	80 - 120	P	06/10/2025	14:41	LB136097
	Sodium	1920	2000	96	80 - 120	P	06/10/2025	14:41	LB136097
	Thallium	41.3	40.0	103	80 - 120	P	06/10/2025	14:41	LB136097
	Vanadium	38.7	40.0	97	80 - 120	P	06/10/2025	14:41	LB136097
	Zinc	43.7	40.0	109	80 - 120	P	06/10/2025	14:41	LB136097

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q2177
Contract: PORT06 Lab Code: CHEM Case No.: Q2177 SAS No.: Q2177
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	10100	10000	101	90 - 110	P	06/10/2025	15:30	LB136097
	Antimony	5060	5000	101	90 - 110	P	06/10/2025	15:30	LB136097
	Arsenic	5050	5000	101	90 - 110	P	06/10/2025	15:30	LB136097
	Barium	9840	10000	98	90 - 110	P	06/10/2025	15:30	LB136097
	Beryllium	262	250	105	90 - 110	P	06/10/2025	15:30	LB136097
	Cadmium	2510	2500	100	90 - 110	P	06/10/2025	15:30	LB136097
	Calcium	24900	25000	100	90 - 110	P	06/10/2025	15:30	LB136097
	Chromium	1030	1000	103	90 - 110	P	06/10/2025	15:30	LB136097
	Cobalt	2500	2500	100	90 - 110	P	06/10/2025	15:30	LB136097
	Copper	1270	1250	101	90 - 110	P	06/10/2025	15:30	LB136097
	Iron	4860	5000	97	90 - 110	P	06/10/2025	15:30	LB136097
	Lead	5030	5000	100	90 - 110	P	06/10/2025	15:30	LB136097
	Magnesium	25000	25000	100	90 - 110	P	06/10/2025	15:30	LB136097
	Manganese	2480	2500	99	90 - 110	P	06/10/2025	15:30	LB136097
	Nickel	2510	2500	100	90 - 110	P	06/10/2025	15:30	LB136097
	Potassium	24200	25000	97	90 - 110	P	06/10/2025	15:30	LB136097
	Selenium	5080	5000	102	90 - 110	P	06/10/2025	15:30	LB136097
	Silver	1270	1250	101	90 - 110	P	06/10/2025	15:30	LB136097
	Sodium	24100	25000	96	90 - 110	P	06/10/2025	15:30	LB136097
	Thallium	5100	5000	102	90 - 110	P	06/10/2025	15:30	LB136097
	Vanadium	2510	2500	100	90 - 110	P	06/10/2025	15:30	LB136097
	Zinc	2560	2500	102	90 - 110	P	06/10/2025	15:30	LB136097
CCV02	Aluminum	10000	10000	100	90 - 110	P	06/10/2025	16:28	LB136097
	Antimony	5040	5000	101	90 - 110	P	06/10/2025	16:28	LB136097
	Arsenic	5070	5000	101	90 - 110	P	06/10/2025	16:28	LB136097
	Barium	9830	10000	98	90 - 110	P	06/10/2025	16:28	LB136097
	Beryllium	261	250	104	90 - 110	P	06/10/2025	16:28	LB136097
	Cadmium	2540	2500	102	90 - 110	P	06/10/2025	16:28	LB136097
	Calcium	24900	25000	100	90 - 110	P	06/10/2025	16:28	LB136097
	Chromium	1030	1000	103	90 - 110	P	06/10/2025	16:28	LB136097
	Cobalt	2530	2500	101	90 - 110	P	06/10/2025	16:28	LB136097
	Copper	1280	1250	102	90 - 110	P	06/10/2025	16:28	LB136097
	Iron	4930	5000	99	90 - 110	P	06/10/2025	16:28	LB136097
	Lead	5070	5000	101	90 - 110	P	06/10/2025	16:28	LB136097

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q2177
 Contract: PORT06 Lab Code: CHEM Case No.: Q2177 SAS No.: Q2177
 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	25000	25000	100	90 - 110	P	06/10/2025	16:28	LB136097
	Manganese	2460	2500	98	90 - 110	P	06/10/2025	16:28	LB136097
	Nickel	2540	2500	101	90 - 110	P	06/10/2025	16:28	LB136097
	Potassium	24500	25000	98	90 - 110	P	06/10/2025	16:28	LB136097
	Selenium	5100	5000	102	90 - 110	P	06/10/2025	16:28	LB136097
	Silver	1270	1250	102	90 - 110	P	06/10/2025	16:28	LB136097
	Sodium	24400	25000	97	90 - 110	P	06/10/2025	16:28	LB136097
	Thallium	5070	5000	101	90 - 110	P	06/10/2025	16:28	LB136097
	Vanadium	2510	2500	100	90 - 110	P	06/10/2025	16:28	LB136097
	Zinc	2570	2500	103	90 - 110	P	06/10/2025	16:28	LB136097
CCV03	Aluminum	9930	10000	99	90 - 110	P	06/10/2025	17:36	LB136097
	Antimony	5110	5000	102	90 - 110	P	06/10/2025	17:36	LB136097
	Arsenic	5130	5000	103	90 - 110	P	06/10/2025	17:36	LB136097
	Barium	10200	10000	102	90 - 110	P	06/10/2025	17:36	LB136097
	Beryllium	243	250	97	90 - 110	P	06/10/2025	17:36	LB136097
	Cadmium	2540	2500	102	90 - 110	P	06/10/2025	17:36	LB136097
	Calcium	25000	25000	100	90 - 110	P	06/10/2025	17:36	LB136097
	Chromium	1030	1000	103	90 - 110	P	06/10/2025	17:36	LB136097
	Cobalt	2530	2500	101	90 - 110	P	06/10/2025	17:36	LB136097
	Copper	1280	1250	102	90 - 110	P	06/10/2025	17:36	LB136097
	Iron	5390	5000	108	90 - 110	P	06/10/2025	17:36	LB136097
	Lead	5080	5000	102	90 - 110	P	06/10/2025	17:36	LB136097
	Magnesium	24700	25000	99	90 - 110	P	06/10/2025	17:36	LB136097
	Manganese	2500	2500	100	90 - 110	P	06/10/2025	17:36	LB136097
	Nickel	2540	2500	102	90 - 110	P	06/10/2025	17:36	LB136097
	Potassium	26400	25000	105	90 - 110	P	06/10/2025	17:36	LB136097
	Selenium	5140	5000	103	90 - 110	P	06/10/2025	17:36	LB136097
	Silver	1280	1250	103	90 - 110	P	06/10/2025	17:36	LB136097
	Sodium	26700	25000	107	90 - 110	P	06/10/2025	17:36	LB136097
	Thallium	4990	5000	100	90 - 110	P	06/10/2025	17:36	LB136097
CCV04	Vanadium	2540	2500	101	90 - 110	P	06/10/2025	17:36	LB136097
	Zinc	2580	2500	103	90 - 110	P	06/10/2025	17:36	LB136097
	Aluminum	9910	10000	99	90 - 110	P	06/10/2025	18:28	LB136097
	Antimony	5130	5000	103	90 - 110	P	06/10/2025	18:28	LB136097

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q2177
Contract: PORT06 Lab Code: CHEM Case No.: Q2177 SAS No.: Q2177
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	5200	5000	104	90 - 110	P	06/10/2025	18:28	LB136097
	Barium	10300	10000	103	90 - 110	P	06/10/2025	18:28	LB136097
	Beryllium	246	250	99	90 - 110	P	06/10/2025	18:28	LB136097
	Cadmium	2580	2500	103	90 - 110	P	06/10/2025	18:28	LB136097
	Calcium	25200	25000	101	90 - 110	P	06/10/2025	18:28	LB136097
	Chromium	1050	1000	105	90 - 110	P	06/10/2025	18:28	LB136097
	Cobalt	2560	2500	102	90 - 110	P	06/10/2025	18:28	LB136097
	Copper	1290	1250	103	90 - 110	P	06/10/2025	18:28	LB136097
	Iron	5420	5000	108	90 - 110	P	06/10/2025	18:28	LB136097
	Lead	5160	5000	103	90 - 110	P	06/10/2025	18:28	LB136097
	Magnesium	24800	25000	99	90 - 110	P	06/10/2025	18:28	LB136097
	Manganese	2510	2500	100	90 - 110	P	06/10/2025	18:28	LB136097
	Nickel	2570	2500	103	90 - 110	P	06/10/2025	18:28	LB136097
	Potassium	25900	25000	104	90 - 110	P	06/10/2025	18:28	LB136097
	Selenium	5220	5000	104	90 - 110	P	06/10/2025	18:28	LB136097
	Silver	1290	1250	103	90 - 110	P	06/10/2025	18:28	LB136097
	Sodium	26000	25000	104	90 - 110	P	06/10/2025	18:28	LB136097
	Thallium	5110	5000	102	90 - 110	P	06/10/2025	18:28	LB136097
	Vanadium	2550	2500	102	90 - 110	P	06/10/2025	18:28	LB136097
	Zinc	2540	2500	101	90 - 110	P	06/10/2025	18:28	LB136097
CCV05	Aluminum	9840	10000	98	90 - 110	P	06/10/2025	19:18	LB136097
	Antimony	5120	5000	102	90 - 110	P	06/10/2025	19:18	LB136097
	Arsenic	5170	5000	103	90 - 110	P	06/10/2025	19:18	LB136097
	Barium	10200	10000	102	90 - 110	P	06/10/2025	19:18	LB136097
	Beryllium	243	250	97	90 - 110	P	06/10/2025	19:18	LB136097
	Cadmium	2550	2500	102	90 - 110	P	06/10/2025	19:18	LB136097
	Calcium	24900	25000	100	90 - 110	P	06/10/2025	19:18	LB136097
	Chromium	1030	1000	103	90 - 110	P	06/10/2025	19:18	LB136097
	Cobalt	2530	2500	101	90 - 110	P	06/10/2025	19:18	LB136097
	Copper	1270	1250	102	90 - 110	P	06/10/2025	19:18	LB136097
	Iron	5340	5000	107	90 - 110	P	06/10/2025	19:18	LB136097
	Lead	5090	5000	102	90 - 110	P	06/10/2025	19:18	LB136097
	Magnesium	24400	25000	98	90 - 110	P	06/10/2025	19:18	LB136097
	Manganese	2490	2500	100	90 - 110	P	06/10/2025	19:18	LB136097

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q2177
Contract: PORT06 Lab Code: CHEM Case No.: Q2177 SAS No.: Q2177
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	2540	2500	102	90 - 110	P	06/10/2025	19:18	LB136097
	Potassium	25200	25000	101	90 - 110	P	06/10/2025	19:18	LB136097
	Selenium	5190	5000	104	90 - 110	P	06/10/2025	19:18	LB136097
	Silver	1260	1250	101	90 - 110	P	06/10/2025	19:18	LB136097
	Sodium	25200	25000	101	90 - 110	P	06/10/2025	19:18	LB136097
	Thallium	5000	5000	100	90 - 110	P	06/10/2025	19:18	LB136097
	Vanadium	2540	2500	102	90 - 110	P	06/10/2025	19:18	LB136097
	Zinc	2510	2500	100	90 - 110	P	06/10/2025	19:18	LB136097
CCV06	Aluminum	10100	10000	100	90 - 110	P	06/10/2025	20:09	LB136097
	Antimony	5120	5000	102	90 - 110	P	06/10/2025	20:09	LB136097
	Arsenic	5160	5000	103	90 - 110	P	06/10/2025	20:09	LB136097
	Barium	9960	10000	100	90 - 110	P	06/10/2025	20:09	LB136097
	Beryllium	262	250	105	90 - 110	P	06/10/2025	20:09	LB136097
	Cadmium	2550	2500	102	90 - 110	P	06/10/2025	20:09	LB136097
	Calcium	25100	25000	100	90 - 110	P	06/10/2025	20:09	LB136097
	Chromium	1050	1000	105	90 - 110	P	06/10/2025	20:09	LB136097
	Cobalt	2540	2500	102	90 - 110	P	06/10/2025	20:09	LB136097
	Copper	1270	1250	102	90 - 110	P	06/10/2025	20:09	LB136097
	Iron	5150	5000	103	90 - 110	P	06/10/2025	20:09	LB136097
	Lead	5110	5000	102	90 - 110	P	06/10/2025	20:09	LB136097
	Magnesium	25000	25000	100	90 - 110	P	06/10/2025	20:09	LB136097
	Manganese	2500	2500	100	90 - 110	P	06/10/2025	20:09	LB136097
	Nickel	2550	2500	102	90 - 110	P	06/10/2025	20:09	LB136097
	Potassium	24100	25000	96	90 - 110	P	06/10/2025	20:09	LB136097
	Selenium	5190	5000	104	90 - 110	P	06/10/2025	20:09	LB136097
	Silver	1290	1250	103	90 - 110	P	06/10/2025	20:09	LB136097
	Sodium	23800	25000	95	90 - 110	P	06/10/2025	20:09	LB136097
	Thallium	5010	5000	100	90 - 110	P	06/10/2025	20:09	LB136097
	Vanadium	2560	2500	102	90 - 110	P	06/10/2025	20:09	LB136097
	Zinc	2570	2500	103	90 - 110	P	06/10/2025	20:09	LB136097
CCV07	Aluminum	10100	10000	101	90 - 110	P	06/10/2025	21:04	LB136097
	Antimony	5160	5000	103	90 - 110	P	06/10/2025	21:04	LB136097
	Arsenic	5230	5000	104	90 - 110	P	06/10/2025	21:04	LB136097
	Barium	10100	10000	101	90 - 110	P	06/10/2025	21:04	LB136097

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q2177
Contract: PORT06 Lab Code: CHEM Case No.: Q2177 SAS No.: Q2177
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	261	250	104	90 - 110	P	06/10/2025	21:04	LB136097
	Cadmium	2600	2500	104	90 - 110	P	06/10/2025	21:04	LB136097
	Calcium	25600	25000	102	90 - 110	P	06/10/2025	21:04	LB136097
	Chromium	1050	1000	105	90 - 110	P	06/10/2025	21:04	LB136097
	Cobalt	2590	2500	103	90 - 110	P	06/10/2025	21:04	LB136097
	Copper	1270	1250	102	90 - 110	P	06/10/2025	21:04	LB136097
	Iron	5190	5000	104	90 - 110	P	06/10/2025	21:04	LB136097
	Lead	5210	5000	104	90 - 110	P	06/10/2025	21:04	LB136097
	Magnesium	25400	25000	102	90 - 110	P	06/10/2025	21:04	LB136097
	Manganese	2550	2500	102	90 - 110	P	06/10/2025	21:04	LB136097
	Nickel	2590	2500	104	90 - 110	P	06/10/2025	21:04	LB136097
	Potassium	23600	25000	94	90 - 110	P	06/10/2025	21:04	LB136097
	Selenium	5230	5000	105	90 - 110	P	06/10/2025	21:04	LB136097
	Silver	1280	1250	102	90 - 110	P	06/10/2025	21:04	LB136097
	Sodium	23500	25000	94	90 - 110	P	06/10/2025	21:04	LB136097
	Thallium	5090	5000	102	90 - 110	P	06/10/2025	21:04	LB136097
	Vanadium	2590	2500	104	90 - 110	P	06/10/2025	21:04	LB136097
	Zinc	2540	2500	102	90 - 110	P	06/10/2025	21:04	LB136097
CCV08	Aluminum	10100	10000	101	90 - 110	P	06/10/2025	22:04	LB136097
	Antimony	5200	5000	104	90 - 110	P	06/10/2025	22:04	LB136097
	Arsenic	5240	5000	105	90 - 110	P	06/10/2025	22:04	LB136097
	Barium	10100	10000	101	90 - 110	P	06/10/2025	22:04	LB136097
	Beryllium	262	250	105	90 - 110	P	06/10/2025	22:04	LB136097
	Cadmium	2550	2500	102	90 - 110	P	06/10/2025	22:04	LB136097
	Calcium	25400	25000	101	90 - 110	P	06/10/2025	22:04	LB136097
	Chromium	1050	1000	105	90 - 110	P	06/10/2025	22:04	LB136097
	Cobalt	2560	2500	102	90 - 110	P	06/10/2025	22:04	LB136097
	Copper	1280	1250	103	90 - 110	P	06/10/2025	22:04	LB136097
	Iron	5140	5000	103	90 - 110	P	06/10/2025	22:04	LB136097
	Lead	5130	5000	102	90 - 110	P	06/10/2025	22:04	LB136097
	Magnesium	25300	25000	101	90 - 110	P	06/10/2025	22:04	LB136097
	Manganese	2540	2500	102	90 - 110	P	06/10/2025	22:04	LB136097
	Nickel	2560	2500	103	90 - 110	P	06/10/2025	22:04	LB136097
	Potassium	23500	25000	94	90 - 110	P	06/10/2025	22:04	LB136097

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q2177
Contract: PORT06 Lab Code: CHEM Case No.: Q2177 SAS No.: Q2177
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	5280	5000	106	90 - 110	P	06/10/2025	22:04	LB136097
	Silver	1280	1250	102	90 - 110	P	06/10/2025	22:04	LB136097
	Sodium	23400	25000	94	90 - 110	P	06/10/2025	22:04	LB136097
	Thallium	5010	5000	100	90 - 110	P	06/10/2025	22:04	LB136097
	Vanadium	2580	2500	103	90 - 110	P	06/10/2025	22:04	LB136097
	Zinc	2550	2500	102	90 - 110	P	06/10/2025	22:04	LB136097
CCV09	Aluminum	10000	10000	100	90 - 110	P	06/10/2025	22:56	LB136097
	Antimony	5110	5000	102	90 - 110	P	06/10/2025	22:56	LB136097
	Arsenic	5150	5000	103	90 - 110	P	06/10/2025	22:56	LB136097
	Barium	10100	10000	101	90 - 110	P	06/10/2025	22:56	LB136097
	Beryllium	260	250	104	90 - 110	P	06/10/2025	22:56	LB136097
	Cadmium	2550	2500	102	90 - 110	P	06/10/2025	22:56	LB136097
	Calcium	25100	25000	101	90 - 110	P	06/10/2025	22:56	LB136097
	Chromium	1050	1000	105	90 - 110	P	06/10/2025	22:56	LB136097
	Cobalt	2550	2500	102	90 - 110	P	06/10/2025	22:56	LB136097
	Copper	1270	1250	102	90 - 110	P	06/10/2025	22:56	LB136097
	Iron	5160	5000	103	90 - 110	P	06/10/2025	22:56	LB136097
	Lead	5100	5000	102	90 - 110	P	06/10/2025	22:56	LB136097
	Magnesium	25000	25000	100	90 - 110	P	06/10/2025	22:56	LB136097
	Manganese	2510	2500	100	90 - 110	P	06/10/2025	22:56	LB136097
	Nickel	2560	2500	102	90 - 110	P	06/10/2025	22:56	LB136097
	Potassium	24100	25000	96	90 - 110	P	06/10/2025	22:56	LB136097
	Selenium	5180	5000	104	90 - 110	P	06/10/2025	22:56	LB136097
	Silver	1290	1250	103	90 - 110	P	06/10/2025	22:56	LB136097
	Sodium	23900	25000	96	90 - 110	P	06/10/2025	22:56	LB136097
	Thallium	5020	5000	100	90 - 110	P	06/10/2025	22:56	LB136097
	Vanadium	2540	2500	102	90 - 110	P	06/10/2025	22:56	LB136097
	Zinc	2580	2500	103	90 - 110	P	06/10/2025	22:56	LB136097
CCV10	Aluminum	10200	10000	102	90 - 110	P	06/10/2025	23:57	LB136097
	Antimony	5170	5000	103	90 - 110	P	06/10/2025	23:57	LB136097
	Arsenic	5180	5000	104	90 - 110	P	06/10/2025	23:57	LB136097
	Barium	10000	10000	100	90 - 110	P	06/10/2025	23:57	LB136097
	Beryllium	264	250	106	90 - 110	P	06/10/2025	23:57	LB136097
	Cadmium	2540	2500	102	90 - 110	P	06/10/2025	23:57	LB136097

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2177

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2177 **SAS No.:** Q2177

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV10	Calcium	25400	25000	102	90 - 110	P	06/10/2025	23:57	LB136097
	Chromium	1060	1000	106	90 - 110	P	06/10/2025	23:57	LB136097
	Cobalt	2550	2500	102	90 - 110	P	06/10/2025	23:57	LB136097
	Copper	1280	1250	102	90 - 110	P	06/10/2025	23:57	LB136097
	Iron	5200	5000	104	90 - 110	P	06/10/2025	23:57	LB136097
	Lead	5100	5000	102	90 - 110	P	06/10/2025	23:57	LB136097
	Magnesium	25400	25000	102	90 - 110	P	06/10/2025	23:57	LB136097
	Manganese	2530	2500	101	90 - 110	P	06/10/2025	23:57	LB136097
	Nickel	2560	2500	102	90 - 110	P	06/10/2025	23:57	LB136097
	Potassium	24000	25000	96	90 - 110	P	06/10/2025	23:57	LB136097
	Selenium	5230	5000	105	90 - 110	P	06/10/2025	23:57	LB136097
	Silver	1310	1250	104	90 - 110	P	06/10/2025	23:57	LB136097
	Sodium	23600	25000	94	90 - 110	P	06/10/2025	23:57	LB136097
	Thallium	4940	5000	99	90 - 110	P	06/10/2025	23:57	LB136097
	Vanadium	2570	2500	103	90 - 110	P	06/10/2025	23:57	LB136097
	Zinc	2630	2500	105	90 - 110	P	06/10/2025	23:57	LB136097
CCV11	Aluminum	10200	10000	102	90 - 110	P	06/11/2025	01:35	LB136097
	Antimony	5240	5000	105	90 - 110	P	06/11/2025	01:35	LB136097
	Arsenic	5280	5000	106	90 - 110	P	06/11/2025	01:35	LB136097
	Barium	10100	10000	101	90 - 110	P	06/11/2025	01:35	LB136097
	Beryllium	259	250	104	90 - 110	P	06/11/2025	01:35	LB136097
	Cadmium	2570	2500	103	90 - 110	P	06/11/2025	01:35	LB136097
	Calcium	25100	25000	100	90 - 110	P	06/11/2025	01:35	LB136097
	Chromium	1040	1000	104	90 - 110	P	06/11/2025	01:35	LB136097
	Cobalt	2580	2500	103	90 - 110	P	06/11/2025	01:35	LB136097
	Copper	1290	1250	103	90 - 110	P	06/11/2025	01:35	LB136097
	Iron	5060	5000	101	90 - 110	P	06/11/2025	01:35	LB136097
	Lead	5160	5000	103	90 - 110	P	06/11/2025	01:35	LB136097
	Magnesium	24900	25000	100	90 - 110	P	06/11/2025	01:35	LB136097
	Manganese	2520	2500	101	90 - 110	P	06/11/2025	01:35	LB136097
	Nickel	2590	2500	104	90 - 110	P	06/11/2025	01:35	LB136097
	Potassium	23800	25000	95	90 - 110	P	06/11/2025	01:35	LB136097
	Selenium	5320	5000	106	90 - 110	P	06/11/2025	01:35	LB136097
	Silver	1280	1250	103	90 - 110	P	06/11/2025	01:35	LB136097

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture SDG No.: Q2177
Contract: PORT06 Lab Code: CHEM Case No.: Q2177 SAS No.: Q2177
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV11	Sodium	23700	25000	95	90 - 110	P	06/11/2025	01:35	LB136097
	Thallium	4950	5000	99	90 - 110	P	06/11/2025	01:35	LB136097
	Vanadium	2560	2500	102	90 - 110	P	06/11/2025	01:35	LB136097
	Zinc	2600	2500	104	90 - 110	P	06/11/2025	01:35	LB136097
CCV12	Aluminum	10200	10000	102	90 - 110	P	06/11/2025	02:21	LB136097
	Antimony	4840	5000	97	90 - 110	P	06/11/2025	02:21	LB136097
	Arsenic	4850	5000	97	90 - 110	P	06/11/2025	02:21	LB136097
	Barium	10000	10000	100	90 - 110	P	06/11/2025	02:21	LB136097
	Beryllium	264	250	105	90 - 110	P	06/11/2025	02:21	LB136097
	Cadmium	2400	2500	96	90 - 110	P	06/11/2025	02:21	LB136097
	Calcium	24900	25000	99	90 - 110	P	06/11/2025	02:21	LB136097
	Chromium	1030	1000	103	90 - 110	P	06/11/2025	02:21	LB136097
	Cobalt	2420	2500	97	90 - 110	P	06/11/2025	02:21	LB136097
	Copper	1200	1250	96	90 - 110	P	06/11/2025	02:21	LB136097
	Iron	4930	5000	99	90 - 110	P	06/11/2025	02:21	LB136097
	Lead	4810	5000	96	90 - 110	P	06/11/2025	02:21	LB136097
	Magnesium	24900	25000	100	90 - 110	P	06/11/2025	02:21	LB136097
	Manganese	2490	2500	100	90 - 110	P	06/11/2025	02:21	LB136097
	Nickel	2420	2500	97	90 - 110	P	06/11/2025	02:21	LB136097
	Potassium	23100	25000	92	90 - 110	P	06/11/2025	02:21	LB136097
	Selenium	4880	5000	98	90 - 110	P	06/11/2025	02:21	LB136097
	Silver	1280	1250	102	90 - 110	P	06/11/2025	02:21	LB136097
	Sodium	22800	25000	91	90 - 110	P	06/11/2025	02:21	LB136097
	Thallium	4660	5000	93	90 - 110	P	06/11/2025	02:21	LB136097
	Vanadium	2530	2500	101	90 - 110	P	06/11/2025	02:21	LB136097
	Zinc	2590	2500	104	90 - 110	P	06/11/2025	02:21	LB136097

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Portal Partners Tri-Venture SDG No.: Q2177
Contract: PORT06 Lab Code: CHEM Case No.: Q2177 SAS No.: Q2177
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	0.18	0.2	91	70 - 130	CV	06/03/2025	10:50	LB135986
CRA	Mercury	0.21	0.2	104	70 - 130	CV	06/03/2025	12:52	LB135987
CRI01	Aluminum	98.3	100	98	65 - 135	P	06/04/2025	16:15	LB136011
	Antimony	50.4	50.0	101	65 - 135	P	06/04/2025	16:15	LB136011
	Arsenic	18.7	20.0	93	65 - 135	P	06/04/2025	16:15	LB136011
	Barium	86.6	100	87	65 - 135	P	06/04/2025	16:15	LB136011
	Beryllium	5.83	6.0	97	65 - 135	P	06/04/2025	16:15	LB136011
	Cadmium	5.99	6.0	100	65 - 135	P	06/04/2025	16:15	LB136011
	Calcium	1880	2000	94	65 - 135	P	06/04/2025	16:15	LB136011
	Chromium	10.8	10.0	108	65 - 135	P	06/04/2025	16:15	LB136011
	Cobalt	29.4	30.0	98	65 - 135	P	06/04/2025	16:15	LB136011
	Copper	22.0	20.0	110	65 - 135	P	06/04/2025	16:15	LB136011
	Iron	102	100	102	65 - 135	P	06/04/2025	16:15	LB136011
	Lead	11.2	12.0	93	65 - 135	P	06/04/2025	16:15	LB136011
	Magnesium	1930	2000	96	65 - 135	P	06/04/2025	16:15	LB136011
	Manganese	18.8	20.0	94	65 - 135	P	06/04/2025	16:15	LB136011
	Nickel	40.6	40.0	102	65 - 135	P	06/04/2025	16:15	LB136011
	Potassium	1840	2000	92	65 - 135	P	06/04/2025	16:15	LB136011
	Selenium	20.9	20.0	105	65 - 135	P	06/04/2025	16:15	LB136011
	Silver	10.0	10.0	100	65 - 135	P	06/04/2025	16:15	LB136011
	Sodium	1720	2000	86	65 - 135	P	06/04/2025	16:15	LB136011
	Thallium	38.5	40.0	96	65 - 135	P	06/04/2025	16:15	LB136011
	Vanadium	37.4	40.0	94	65 - 135	P	06/04/2025	16:15	LB136011
	Zinc	42.5	40.0	106	65 - 135	P	06/04/2025	16:15	LB136011
CRI01	Aluminum	105	100	105	65 - 135	P	06/10/2025	14:50	LB136097
	Antimony	53.3	50.0	107	65 - 135	P	06/10/2025	14:50	LB136097
	Arsenic	22.9	20.0	114	65 - 135	P	06/10/2025	14:50	LB136097
	Barium	98.7	100	99	65 - 135	P	06/10/2025	14:50	LB136097
	Beryllium	6.22	6.0	104	65 - 135	P	06/10/2025	14:50	LB136097
	Cadmium	6.07	6.0	101	65 - 135	P	06/10/2025	14:50	LB136097
	Calcium	2030	2000	102	65 - 135	P	06/10/2025	14:50	LB136097
	Chromium	10.7	10.0	107	65 - 135	P	06/10/2025	14:50	LB136097
	Cobalt	30.4	30.0	102	65 - 135	P	06/10/2025	14:50	LB136097
	Copper	22.7	20.0	114	65 - 135	P	06/10/2025	14:50	LB136097
	Iron	111	100	111	65 - 135	P	06/10/2025	14:50	LB136097

Metals

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CRDL STANDARD FOR AA & ICP

Client: Portal Partners Tri-Venture **SDG No.:** Q2177

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2177 **SAS No.:** Q2177

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	13.4	12.0	112	65 - 135	P	06/10/2025	14:50	LB136097
	Magnesium	2040	2000	102	65 - 135	P	06/10/2025	14:50	LB136097
	Manganese	21.0	20.0	105	65 - 135	P	06/10/2025	14:50	LB136097
	Nickel	40.8	40.0	102	65 - 135	P	06/10/2025	14:50	LB136097
	Potassium	1990	2000	99	65 - 135	P	06/10/2025	14:50	LB136097
	Selenium	19.5	20.0	98	65 - 135	P	06/10/2025	14:50	LB136097
	Silver	10.6	10.0	106	65 - 135	P	06/10/2025	14:50	LB136097
	Sodium	1890	2000	95	65 - 135	P	06/10/2025	14:50	LB136097
	Thallium	40.8	40.0	102	65 - 135	P	06/10/2025	14:50	LB136097
	Vanadium	39.1	40.0	98	65 - 135	P	06/10/2025	14:50	LB136097
	Zinc	44.1	40.0	110	65 - 135	P	06/10/2025	14:50	LB136097

Metals
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INTERFERENCE CHECK SAMPLE

Client: Portal Partners Tri-Venture **SDG No.:** Q2177
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2177 **SAS No.:** Q2177
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	241000	255000	94	216000	294000	06/04/2025	16:26	LB136011
	Antimony	-1.17			-50	50	06/04/2025	16:26	LB136011
	Arsenic	1.52			-20	20	06/04/2025	16:26	LB136011
	Barium	0.52	6.0	9	-94	106	06/04/2025	16:26	LB136011
	Beryllium	1.08			-6	6	06/04/2025	16:26	LB136011
	Cadmium	0.92	1.0	92	-5	7	06/04/2025	16:26	LB136011
	Calcium	226000	245000	92	208000	282000	06/04/2025	16:26	LB136011
	Chromium	46.0	52.0	88	42	62	06/04/2025	16:26	LB136011
	Cobalt	0.87			-30	30	06/04/2025	16:26	LB136011
	Copper	2.26	2.0	113	-18	22	06/04/2025	16:26	LB136011
	Iron	103000	101000	102	85600	116500	06/04/2025	16:26	LB136011
	Lead	-0.74			-12	12	06/04/2025	16:26	LB136011
	Magnesium	241000	255000	94	216000	294000	06/04/2025	16:26	LB136011
	Manganese	4.29	7.0	61	-13	27	06/04/2025	16:26	LB136011
	Nickel	2.59	2.0	130	-38	42	06/04/2025	16:26	LB136011
	Potassium	26.5			0	0	06/04/2025	16:26	LB136011
	Selenium	1.80			-20	20	06/04/2025	16:26	LB136011
	Silver	4.01			-10	10	06/04/2025	16:26	LB136011
	Sodium	-67.4			0	0	06/04/2025	16:26	LB136011
	Thallium	-0.73			-40	40	06/04/2025	16:26	LB136011
	Vanadium	4.43			-40	40	06/04/2025	16:26	LB136011
	Zinc	3.39			-40	40	06/04/2025	16:26	LB136011
ICSAB01	Aluminum	247000	247000	100	209000	285000	06/04/2025	16:32	LB136011
	Antimony	645	618	104	525	711	06/04/2025	16:32	LB136011
	Arsenic	106	104	102	88.4	120	06/04/2025	16:32	LB136011
	Barium	469	537	87	437	637	06/04/2025	16:32	LB136011
	Beryllium	484	495	98	420	570	06/04/2025	16:32	LB136011
	Cadmium	1000	972	103	826	1120	06/04/2025	16:32	LB136011
	Calcium	228000	235000	97	199000	271000	06/04/2025	16:32	LB136011
	Chromium	556	542	103	460	624	06/04/2025	16:32	LB136011
	Cobalt	510	476	107	404	548	06/04/2025	16:32	LB136011
	Copper	508	511	99	434	588	06/04/2025	16:32	LB136011
	Iron	101000	99300	102	84400	114500	06/04/2025	16:32	LB136011
	Lead	47.6	49.0	97	37	61	06/04/2025	16:32	LB136011
	Magnesium	246000	248000	99	210000	286000	06/04/2025	16:32	LB136011
	Manganese	468	507	92	430	584	06/04/2025	16:32	LB136011
	Nickel	1010	954	106	810	1100	06/04/2025	16:32	LB136011
	Potassium	22.6			0	0	06/04/2025	16:32	LB136011
	Selenium	56.4	46.0	123	26	66	06/04/2025	16:32	LB136011
	Silver	219	201	109	170	232	06/04/2025	16:32	LB136011
	Sodium	-64.1			0	0	06/04/2025	16:32	LB136011
	Thallium	95.3	108	88	68	148	06/04/2025	16:32	LB136011

Metals
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INTERFERENCE CHECK SAMPLE

Client: Portal Partners Tri-Venture **SDG No.:** Q2177
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2177 **SAS No.:** Q2177
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	461	491	94	417	565	06/04/2025	16:32	LB136011
	Zinc	1050	952	110	809	1095	06/04/2025	16:32	LB136011
ICSA01	Aluminum	256000	255000	100	216000	294000	06/10/2025	14:54	LB136097
	Antimony	-2.43			-50	50	06/10/2025	14:54	LB136097
	Arsenic	8.34			-20	20	06/10/2025	14:54	LB136097
	Barium	2.84	6.0	47	-94	106	06/10/2025	14:54	LB136097
	Beryllium	1.10			-6	6	06/10/2025	14:54	LB136097
	Cadmium	4.20	1.0	420	-5	7	06/10/2025	14:54	LB136097
	Calcium	239000	245000	98	208000	282000	06/10/2025	14:54	LB136097
	Chromium	47.4	52.0	91	42	62	06/10/2025	14:54	LB136097
	Cobalt	1.54			-30	30	06/10/2025	14:54	LB136097
	Copper	3.36	2.0	168	-18	22	06/10/2025	14:54	LB136097
	Iron	97000	101000	96	85600	116500	06/10/2025	14:54	LB136097
	Lead	-3.62			-12	12	06/10/2025	14:54	LB136097
	Magnesium	261000	255000	102	216000	294000	06/10/2025	14:54	LB136097
	Manganese	0.37	7.0	5	-13	27	06/10/2025	14:54	LB136097
	Nickel	2.57	2.0	128	-38	42	06/10/2025	14:54	LB136097
	Potassium	-7.55			0	0	06/10/2025	14:54	LB136097
	Selenium	-3.79			-20	20	06/10/2025	14:54	LB136097
	Silver	-2.86			-10	10	06/10/2025	14:54	LB136097
	Sodium	-38.2			0	0	06/10/2025	14:54	LB136097
	Thallium	-8.11			-40	40	06/10/2025	14:54	LB136097
	Vanadium	2.60			-40	40	06/10/2025	14:54	LB136097
	Zinc	6.32			-40	40	06/10/2025	14:54	LB136097
ICSAB01	Aluminum	245000	247000	99	209000	285000	06/10/2025	15:18	LB136097
	Antimony	633	618	102	525	711	06/10/2025	15:18	LB136097
	Arsenic	112	104	108	88.4	120	06/10/2025	15:18	LB136097
	Barium	510	537	95	437	637	06/10/2025	15:18	LB136097
	Beryllium	485	495	98	420	570	06/10/2025	15:18	LB136097
	Cadmium	1010	972	104	826	1120	06/10/2025	15:18	LB136097
	Calcium	230000	235000	98	199000	271000	06/10/2025	15:18	LB136097
	Chromium	549	542	101	460	624	06/10/2025	15:18	LB136097
	Cobalt	508	476	107	404	548	06/10/2025	15:18	LB136097
	Copper	496	511	97	434	588	06/10/2025	15:18	LB136097
	Iron	99000	99300	100	84400	114500	06/10/2025	15:18	LB136097
	Lead	43.7	49.0	89	37	61	06/10/2025	15:18	LB136097
	Magnesium	248000	248000	100	210000	286000	06/10/2025	15:18	LB136097
	Manganese	485	507	96	430	584	06/10/2025	15:18	LB136097
	Nickel	999	954	105	810	1100	06/10/2025	15:18	LB136097
	Potassium	-8.47			0	0	06/10/2025	15:18	LB136097
	Selenium	55.8	46.0	121	26	66	06/10/2025	15:18	LB136097
	Silver	193	201	96	170	232	06/10/2025	15:18	LB136097

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Portal Partners Tri-Venture **SDG No.:** Q2177
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2177 **SAS No.:** Q2177
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	-49.9			0	0	06/10/2025	15:18	LB136097
	Thallium	92.5	108	86	68	148	06/10/2025	15:18	LB136097
	Vanadium	489	491	100	417	565	06/10/2025	15:18	LB136097
	Zinc	1070	952	112	809	1095	06/10/2025	15:18	LB136097



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>Portal Partners Tri-Venture</u>	level: <u>low</u>	sdg no.: <u>Q2177</u>
contract: <u>PORT06</u>	lab code: <u>CHEM</u>	case no.: <u>Q2177</u> sas no.: <u>Q2177</u>
matrix: <u>Water</u>	sample id: <u>Q2155-04</u>	client id: <u>444MS</u>
Percent Solids for Sample: NA	Spiked ID: Q2155-04MS	Percent Solids for Spike Sample: NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	3.24		0.29		4.0	74	N	CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Portal Partners Tri-Venture</u>	level: <u>low</u>	sdg no.: <u>Q2177</u>
contract: <u>PORT06</u>	lab code: <u>CHEM</u>	case no.: <u>Q2177</u> sas no.: <u>Q2177</u>
matrix: <u>Water</u>	sample id: <u>Q2155-04</u>	client id: <u>444MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q2155-04MSD</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	75 - 125	3.37		0.29		4.0	77		CV

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>Portal Partners Tri-Venture</u>	level: <u>low</u>	sdg no.: <u>Q2177</u>
contract: <u>PORT06</u>	lab code: <u>CHEM</u>	case no.: <u>Q2177</u> sas no.: <u>Q2177</u>
matrix: <u>Water</u>	sample id: <u>Q2169-03</u>	client id: <u>303-PPR-2MS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q2169-03MS</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	23000		21900		1000	114		P
Antimony	ug/L	75 - 125	220		25.0	U	400	55	N	P
Arsenic	ug/L	75 - 125	349		12.7		400	84		P
Barium	ug/L	75 - 125	224		143		100	81		P
Beryllium	ug/L	75 - 125	83.7		0.90	J	100	83		P
Cadmium	ug/L	75 - 125	95.2		0.74	J	100	94		P
Calcium	ug/L	75 - 125	39000		36900		500	419		P
Chromium	ug/L	75 - 125	255		86.8		200	84		P
Cobalt	ug/L	75 - 125	106		11.6	J	100	95		P
Copper	ug/L	75 - 125	206		94.4		150	74	N	P
Iron	ug/L	75 - 125	20500		21500		1500	-71		P
Lead	ug/L	75 - 125	542		102		500	88		P
Magnesium	ug/L	75 - 125	11100		9650		1000	149		P
Manganese	ug/L	75 - 125	1070		952		100	118		P
Nickel	ug/L	75 - 125	265		30.1		250	94		P
Potassium	ug/L	75 - 125	10400		6440		5000	79		P
Selenium	ug/L	75 - 125	776		10.0	U	1000	78		P
Silver	ug/L	75 - 125	20.0		1.04	J	37.5	51	N	P
Sodium	ug/L	75 - 125	89200		94200		1500	-330		P
Thallium	ug/L	75 - 125	878		20.0	U	1000	88		P
Vanadium	ug/L	75 - 125	163		37.3		150	84		P
Zinc	ug/L	75 - 125	278		216		100	62	N	P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Portal Partners Tri-Venture</u>	level: <u>low</u>	sdg no.: <u>Q2177</u>
contract: <u>PORT06</u>	lab code: <u>CHEM</u>	case no.: <u>Q2177</u> sas no.: <u>Q2177</u>
matrix: <u>Water</u>	sample id: <u>Q2169-03</u>	client id: <u>303-PPR-2MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q2169-03MSD</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	23800		21900		1000	193		P
Antimony	ug/L	75 - 125	232		25.0	U	400	58	N	P
Arsenic	ug/L	75 - 125	367		12.7		400	89		P
Barium	ug/L	75 - 125	222		143		100	79		P
Beryllium	ug/L	75 - 125	92.7		0.90	J	100	92		P
Cadmium	ug/L	75 - 125	101		0.74	J	100	100		P
Calcium	ug/L	75 - 125	38700		36900		500	347		P
Chromium	ug/L	75 - 125	268		86.8		200	91		P
Cobalt	ug/L	75 - 125	112		11.6	J	100	100		P
Copper	ug/L	75 - 125	216		94.4		150	81		P
Iron	ug/L	75 - 125	20500		21500		1500	-66		P
Lead	ug/L	75 - 125	570		102		500	94		P
Magnesium	ug/L	75 - 125	11300		9650		1000	168		P
Manganese	ug/L	75 - 125	1080		952		100	125		P
Nickel	ug/L	75 - 125	279		30.1		250	99		P
Potassium	ug/L	75 - 125	10600		6440		5000	84		P
Selenium	ug/L	75 - 125	825		10.0	U	1000	82		P
Silver	ug/L	75 - 125	21.8		1.04	J	37.5	55	N	P
Sodium	ug/L	75 - 125	87300		94200		1500	-456		P
Thallium	ug/L	75 - 125	915		20.0	U	1000	92		P
Vanadium	ug/L	75 - 125	166		37.3		150	86		P
Zinc	ug/L	75 - 125	290		216		100	74	N	P

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>Portal Partners Tri-Venture</u>	level: <u>low</u>	sdg no.: <u>Q2177</u>
contract: <u>PORT06</u>	lab code: <u>CHEM</u>	case no.: <u>Q2177</u> sas no.: <u>Q2177</u>
matrix: <u>Solid</u>	sample id: <u>Q2176-08</u>	client id: <u>TP-65MS</u>
Percent Solids for Sample: 87.3	Spiked ID: Q2176-08MS	Percent Solids for Spike Sample: 87.3

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.27		0.011	J	0.3	87		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Portal Partners Tri-Venture</u>	level: <u>low</u>	sdg no.: <u>Q2177</u>
contract: <u>PORT06</u>	lab code: <u>CHEM</u>	case no.: <u>Q2177</u> sas no.: <u>Q2177</u>
matrix: <u>Solid</u>	sample id: <u>Q2176-08</u>	client id: <u>TP-65MSD</u>
Percent Solids for Sample: 87.3	Spiked ID: Q2176-08MSD	Percent Solids for Spike Sample: 87.3

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.29		0.011	J	0.29	95		CV

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Portal Partners Tri-Venture **level:** low **sdg no.:** Q2177
contract: PORT06 **lab code:** CHEM **case no.:** Q2177 **sas no.:** Q2177
matrix: Solid **sample id:** Q2177-04 **client id:** B-187-SB02MS
Percent Solids for Sample: 62.8 **Spiked ID:** Q2177-04MS **Percent Solids for Spike Sample:** 62.8

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	7400		5970		140	1023		P
Antimony	mg/Kg	75 - 125	22.4		3.76	U	54.4	41	N	P
Arsenic	mg/Kg	75 - 125	53.0		1.00	J	54.4	96		P
Barium	mg/Kg	75 - 125	19.0		5.38	J	13.6	100		P
Beryllium	mg/Kg	75 - 125	13.9		0.29	J	13.6	100		P
Cadmium	mg/Kg	75 - 125	13.9		0.19	J	13.6	101		P
Calcium	mg/Kg	75 - 125	586		427		68.0	234		P
Chromium	mg/Kg	75 - 125	36.3		8.68		27.2	102		P
Cobalt	mg/Kg	75 - 125	17.8		3.45		13.6	105		P
Copper	mg/Kg	75 - 125	27.0		6.86		20.4	99		P
Iron	mg/Kg	75 - 125	10500		9960		200	266		P
Lead	mg/Kg	75 - 125	69.1		4.48		68.0	95		P
Magnesium	mg/Kg	75 - 125	1940		1580		140	254		P
Manganese	mg/Kg	75 - 125	82.6		65.9		13.6	123		P
Nickel	mg/Kg	75 - 125	43.6		8.35		34.0	104		P
Potassium	mg/Kg	75 - 125	979		356		680	92		P
Selenium	mg/Kg	75 - 125	125		1.50	U	140	89		P
Silver	mg/Kg	75 - 125	4.82		0.75	U	5.1	94		P
Sodium	mg/Kg	75 - 125	572		357		200	108		P
Thallium	mg/Kg	75 - 125	125		3.00	U	140	89		P
Vanadium	mg/Kg	75 - 125	30.8		9.88		20.4	103		P
Zinc	mg/Kg	75 - 125	35.5		19.9		13.6	115		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client:	<u>Portal Partners Tri-Venture</u>	level:	<u>low</u>	sdg no.:	<u>Q2177</u>
contract:	<u>PORT06</u>	lab code:	<u>CHEM</u>	case no.:	<u>Q2177</u>
matrix:	<u>Solid</u>	sample id:	<u>Q2177-04</u>	client id:	<u>B-187-SB02MSD</u>
Percent Solids for Sample:	62.8	Spiked ID:	Q2177-04MSD	Percent Solids for Spike Sample:	62.8

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	9640		5970		150	2448		P
Antimony	mg/Kg	75 - 125	21.9		3.76	U	58.4	38	N	P
Arsenic	mg/Kg	75 - 125	57.8		1.00	J	58.4	97		P
Barium	mg/Kg	75 - 125	23.7		5.38	J	14.6	126	N	P
Beryllium	mg/Kg	75 - 125	14.3		0.29	J	14.6	96		P
Cadmium	mg/Kg	75 - 125	15.0		0.19	J	14.6	102		P
Calcium	mg/Kg	75 - 125	868		427		73.0	604		P
Chromium	mg/Kg	75 - 125	41.4		8.68		29.2	112		P
Cobalt	mg/Kg	75 - 125	20.1		3.45		14.6	114		P
Copper	mg/Kg	75 - 125	31.2		6.86		21.9	111		P
Iron	mg/Kg	75 - 125	13600		9960		220	1676		P
Lead	mg/Kg	75 - 125	77.2		4.48		73.0	100		P
Magnesium	mg/Kg	75 - 125	2430		1580		150	565		P
Manganese	mg/Kg	75 - 125	98.2		65.9		14.6	221		P
Nickel	mg/Kg	75 - 125	49.4		8.35		36.5	113		P
Potassium	mg/Kg	75 - 125	1250		356		730	123		P
Selenium	mg/Kg	75 - 125	136		1.50	U	150	91		P
Silver	mg/Kg	75 - 125	5.46		0.75	U	5.5	99		P
Sodium	mg/Kg	75 - 125	789		357		220	196	N	P
Thallium	mg/Kg	75 - 125	136		3.00	U	150	91		P
Vanadium	mg/Kg	75 - 125	37.2		9.88		21.9	125		P
Zinc	mg/Kg	75 - 125	43.4		19.9		14.6	161	N	P

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: Portal Partners Tri-Venture

SDG No.: Q2177

Contract: PORT06

Lab Code: CHEM

Case No.: Q2177

SAS No.: Q2177

Matrix: Water

Level: LOW

Client ID: 444A

Sample ID: Q2155-04

Spiked ID: Q2155-04A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	3.23		0.29		4.00	74	N	CV

A
B
C
D
E
F
G
H
I
J

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: <u>Portal Partners Tri-Venture</u>	SDG No.: <u>Q2177</u>	
Contract: <u>PORT06</u>	Lab Code: <u>CHEM</u>	Case No.: <u>Q2177</u> SAS No.: <u>Q2177</u>
Matrix: <u>Water</u>	Level: <u>LOW</u>	Client ID: <u>303-PPR-2A</u>
Sample ID: <u>Q2169-03</u>	Spiked ID: <u>Q2169-03A</u>	

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	ug/L	75 - 125	368		25.0	U	400	92		P
Copper	ug/L	75 - 125	224		94.4		150	86		P
Silver	ug/L	75 - 125	33.2		1.04	J	37.5	86		P
Zinc	ug/L	75 - 125	294		216		100	78		P

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: <u>Portal Partners Tri-Venture</u>	SDG No.: <u>Q2177</u>	
Contract: <u>PORT06</u>	Lab Code: <u>CHEM</u>	Case No.: <u>Q2177</u> SAS No.: <u>Q2177</u>
Matrix: <u>Solid</u>	Level: <u>LOW</u>	Client ID: <u>B-187-SB02A</u>
Sample ID: <u>Q2177-04</u>	Spiked ID: <u>Q2177-04A</u>	

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	57.7		3.76	U	60.1	96		P
Barium	mg/Kg	75 - 125	19.7		5.38	J	15.0	95		P
Sodium	mg/Kg	75 - 125	565		357		230	91		P
Zinc	mg/Kg	75 - 125	34.6		19.9		15.0	98		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>Portal Partners Tri-Venture</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2177</u>
Contract:	<u>PORT06</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q2177</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q2155-04</u>	Client ID:	<u>444DUP</u>
Percent Solids for Sample:	NA	Duplicate ID	Q2155-04DUP	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	0.29		0.24		18		CV

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>Portal Partners Tri-Venture</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2177</u>
Contract:	<u>PORT06</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q2177</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q2155-04MS</u>	Client ID:	<u>444MSD</u>
Percent Solids for Sample:	NA	Duplicate ID	Q2155-04MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	3.24		3.37		4		CV

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q2177
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2177 **SAS No.:** Q2177
Matrix: Water **Sample ID:** Q2169-03 **Client ID:** 303-PPR-2DUP
Percent Solids for Sample: NA **Duplicate ID** Q2169-03DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	21900		20800		5		P
Antimony	ug/L	20	25.0	U	25.0	U			P
Arsenic	ug/L	20	12.7		12.0		6		P
Barium	ug/L	20	143		134		6		P
Beryllium	ug/L	20	0.90	J	0.99	J	9		P
Cadmium	ug/L	20	0.74	J	0.72	J	4		P
Calcium	ug/L	20	36900		36600		1		P
Chromium	ug/L	20	86.8		83.7		4		P
Cobalt	ug/L	20	11.6	J	10.5	J	10		P
Copper	ug/L	20	94.4		80.4		16		P
Iron	ug/L	20	21500		18900		13		P
Lead	ug/L	20	102		90.7		12		P
Magnesium	ug/L	20	9650		9860		2		P
Manganese	ug/L	20	952		944		1		P
Nickel	ug/L	20	30.1		27.1		10		P
Potassium	ug/L	20	6440		5690		12		P
Selenium	ug/L	20	10.0	U	10.0	U			P
Silver	ug/L	20	1.04	J	5.00	U	200.0		P
Sodium	ug/L	20	94200		83400		12		P
Thallium	ug/L	20	20.0	U	20.0	U			P
Vanadium	ug/L	20	37.3		35.4		5		P
Zinc	ug/L	20	216		200		8		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q2177
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2177 **SAS No.:** Q2177
Matrix: Water **Sample ID:** Q2169-03MS **Client ID:** 303-PPR-2MSD
Percent Solids for Sample: NA **Duplicate ID** Q2169-03MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	23000		23800		3		P
Antimony	ug/L	20	220		232		5		P
Arsenic	ug/L	20	349		367		5		P
Barium	ug/L	20	224		222		1		P
Beryllium	ug/L	20	83.7		92.7		10		P
Cadmium	ug/L	20	95.2		101		6		P
Calcium	ug/L	20	39000		38700		1		P
Chromium	ug/L	20	255		268		5		P
Cobalt	ug/L	20	106		112		6		P
Copper	ug/L	20	206		216		5		P
Iron	ug/L	20	20500		20500		0		P
Lead	ug/L	20	542		570		5		P
Magnesium	ug/L	20	11100		11300		2		P
Manganese	ug/L	20	1070		1080		1		P
Nickel	ug/L	20	265		279		5		P
Potassium	ug/L	20	10400		10600		2		P
Selenium	ug/L	20	776		825		6		P
Silver	ug/L	20	20.0		21.8		9		P
Sodium	ug/L	20	89200		87300		2		P
Thallium	ug/L	20	878		915		4		P
Vanadium	ug/L	20	163		166		2		P
Zinc	ug/L	20	278		290		4		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>Portal Partners Tri-Venture</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2177</u>
Contract:	<u>PORT06</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q2177</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q2176-08</u>	Client ID:	<u>TP-65DUP</u>
Percent Solids for Sample:	87.3	Duplicate ID	Q2176-08DUP	Percent Solids for Spike Sample:	87.3

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.011	J	0.010	J	10		CV

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>Portal Partners Tri-Venture</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2177</u>
Contract:	<u>PORT06</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q2177</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q2176-08MS</u>	Client ID:	<u>TP-65MSD</u>
Percent Solids for Sample:	87.3	Duplicate ID	Q2176-08MSD	Percent Solids for Spike Sample:	87.3

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.27		0.29		5		CV

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q2177
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2177 **SAS No.:** Q2177
Matrix: Solid **Sample ID:** Q2177-04 **Client ID:** B-187-SB02DUP
Percent Solids for Sample: 62.8 **Duplicate ID** Q2177-04DUP **Percent Solids for Spike Sample:** 62.8

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	5970		5850		2		P
Antimony	mg/Kg	20	3.76	U	3.59	U			P
Arsenic	mg/Kg	20	1.00	J	0.84	J	18		P
Barium	mg/Kg	20	5.38	J	5.76	J	7		P
Beryllium	mg/Kg	20	0.29	J	0.29	J	2		P
Cadmium	mg/Kg	20	0.19	J	0.19	J	4		P
Calcium	mg/Kg	20	427		426		0		P
Chromium	mg/Kg	20	8.68		8.54		2		P
Cobalt	mg/Kg	20	3.45		3.40		1		P
Copper	mg/Kg	20	6.86		6.63		3		P
Iron	mg/Kg	20	9960		9540		4		P
Lead	mg/Kg	20	4.48		4.45		1		P
Magnesium	mg/Kg	20	1580		1560		1		P
Manganese	mg/Kg	20	65.9		64.5		2		P
Nickel	mg/Kg	20	8.35		8.09		3		P
Potassium	mg/Kg	20	356		357		0		P
Selenium	mg/Kg	20	1.50	U	1.43	U			P
Silver	mg/Kg	20	0.75	U	0.72	U			P
Sodium	mg/Kg	20	357		342		4		P
Thallium	mg/Kg	20	3.00	U	2.87	U			P
Vanadium	mg/Kg	20	9.88		9.91		0		P
Zinc	mg/Kg	20	19.9		19.3		3		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q2177
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2177 **SAS No.:** Q2177
Matrix: Solid **Sample ID:** Q2177-04MS **Client ID:** B-187-SB02MSD
Percent Solids for Sample: 62.8 **Duplicate ID** Q2177-04MSD **Percent Solids for Spike Sample:** 62.8

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	7400		9640		26	*	P
Antimony	mg/Kg	20	22.4		21.9		2		P
Arsenic	mg/Kg	20	53.0		57.8		9		P
Barium	mg/Kg	20	19.0		23.7		22	*	P
Beryllium	mg/Kg	20	13.9		14.3		3		P
Cadmium	mg/Kg	20	13.9		15.0		8		P
Calcium	mg/Kg	20	586		868		39	*	P
Chromium	mg/Kg	20	36.3		41.4		13		P
Cobalt	mg/Kg	20	17.8		20.1		12		P
Copper	mg/Kg	20	27.0		31.2		14		P
Iron	mg/Kg	20	10500		13600		26	*	P
Lead	mg/Kg	20	69.1		77.2		11		P
Magnesium	mg/Kg	20	1940		2430		22	*	P
Manganese	mg/Kg	20	82.6		98.2		17		P
Nickel	mg/Kg	20	43.6		49.4		12		P
Potassium	mg/Kg	20	979		1250		24	*	P
Selenium	mg/Kg	20	125		136		8		P
Silver	mg/Kg	20	4.82		5.46		12		P
Sodium	mg/Kg	20	572		789		32	*	P
Thallium	mg/Kg	20	125		136		8		P
Vanadium	mg/Kg	20	30.8		37.2		19		P
Zinc	mg/Kg	20	35.5		43.4		20		P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2177
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2177 **SAS No.:** Q2177

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168245BS							
Aluminum	mg/Kg	100	101	J	101	80 - 120	P
Antimony	mg/Kg	40.0	41.7		104	80 - 120	P
Arsenic	mg/Kg	40.0	41.4		104	80 - 120	P
Barium	mg/Kg	10.0	9.63		96	80 - 120	P
Beryllium	mg/Kg	10.0	11.0		110	80 - 120	P
Cadmium	mg/Kg	10.0	10.4		104	80 - 120	P
Calcium	mg/Kg	50.0	52.8		106	80 - 120	P
Chromium	mg/Kg	20.0	21.5		108	80 - 120	P
Cobalt	mg/Kg	10.0	10.5		105	80 - 120	P
Copper	mg/Kg	15.0	16.2		108	80 - 120	P
Iron	mg/Kg	150	149		99	80 - 120	P
Lead	mg/Kg	50.0	51.5		103	80 - 120	P
Magnesium	mg/Kg	100	101		101	80 - 120	P
Manganese	mg/Kg	10.0	10.4		104	80 - 120	P
Nickel	mg/Kg	25.0	26.3		105	80 - 120	P
Potassium	mg/Kg	500	454		91	80 - 120	P
Selenium	mg/Kg	100	105		105	80 - 120	P
Silver	mg/Kg	3.8	3.94		104	80 - 120	P
Sodium	mg/Kg	150	127		85	80 - 120	P
Thallium	mg/Kg	100	104		104	80 - 120	P
Vanadium	mg/Kg	15.0	15.4		103	80 - 120	P
Zinc	mg/Kg	10.0	10.9		109	80 - 120	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2177
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2177 **SAS No.:** Q2177

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168247BS Mercury	ug/L	4.0	3.55		89	80 - 120	CV

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Portal Partners Tri-Venture

SDG No.: Q2177

Contract: PORT06

Lab Code: CHEM

Case No.: Q2177

SAS No.: Q2177

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168249BS Mercury	mg/Kg	0.27	0.27		100	80 - 120	CV

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2177
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2177 **SAS No.:** Q2177

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168255BS							
Aluminum	ug/L	1000	985		98	80 - 120	P
Antimony	ug/L	400	441		110	80 - 120	P
Arsenic	ug/L	400	427		107	80 - 120	P
Barium	ug/L	100	95.4		95	80 - 120	P
Beryllium	ug/L	100	102		102	80 - 120	P
Cadmium	ug/L	100	107		107	80 - 120	P
Calcium	ug/L	500	503	J	101	80 - 120	P
Chromium	ug/L	200	211		106	80 - 120	P
Cobalt	ug/L	100	107		107	80 - 120	P
Copper	ug/L	150	168		112	80 - 120	P
Iron	ug/L	1500	1580		105	80 - 120	P
Lead	ug/L	500	522		104	80 - 120	P
Magnesium	ug/L	1000	996	J	100	80 - 120	P
Manganese	ug/L	100	101		101	80 - 120	P
Nickel	ug/L	250	272		109	80 - 120	P
Potassium	ug/L	5000	4970		99	80 - 120	P
Selenium	ug/L	1000	1090		109	80 - 120	P
Silver	ug/L	37.5	38.3		102	80 - 120	P
Sodium	ug/L	1500	1450		97	80 - 120	P
Thallium	ug/L	1000	1070		107	80 - 120	P
Vanadium	ug/L	150	148		99	80 - 120	P
Zinc	ug/L	100	106		106	80 - 120	P

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

444L

Lab Name: Chemtech Consulting Group

Contract: PORT06

Lab Code: CHEM

Lb No.: lb135986

Lab Sample ID : Q2155-04L

SDG No.: Q2177

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	0.29	1.00 U	100.0		CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

303-PPR-2L

Lab Name: Chemtech Consulting Group

Contract: PORT06

Lab Code: CHEM **Lb No.:** lb136011 **Lab Sample ID :** Q2169-03L **SDG No.:** Q2177

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

Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Difference	Q	M
		C		C			
Aluminum	21900		23800		9		P
Antimony	25.0	U	125	U			P
Arsenic	12.7		50.0	U	100.0		P
Barium	143		147	J	3		P
Beryllium	0.90	J	15.0	U	100.0		P
Cadmium	0.74	J	15.0	U	100.0		P
Calcium	36900		40100		9		P
Chromium	86.8		93.5		8		P
Cobalt	11.6	J	11.9	J	3		P
Copper	94.4		105		12		P
Iron	21500		23200		8		P
Lead	102		101		1		P
Magnesium	9650		10600		10		P
Manganese	952		1040		9		P
Nickel	30.1		30.7	J	2		P
Potassium	6440		6330		2		P
Selenium	10.0	U	50.0	U			P
Silver	1.04	J	25.0	U	100.0		P
Sodium	94200		94700		1		P
Thallium	20.0	U	100	U			P
Vanadium	37.3		42.3	J	14		P
Zinc	216		244		13		P

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

TP-65L

Lab Name: Chemtech Consulting Group **Contract:** PORT06

Lab Code: CHEM **Lb No.:** lb135987 **Lab Sample ID :** Q2176-08L **SDG No.:** Q2177

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
Mercury	0.011	J	0.072	U	100.0		CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

B-187-SB02L

Lab Name: Chemtech Consulting Group

Contract: PORT06

Lab Code: CHEM Lb No.: lb136097 Lab Sample ID : Q2177-04L SDG No.: Q2177

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	5970		5860		2		P
Antimony	3.76	U	18.8	U			P
Arsenic	1.00	J	1.52	J	51		P
Barium	5.38	J	37.6	U	100.0		P
Beryllium	0.29	J	0.28	J	5		P
Cadmium	0.19	J	2.25	U	100.0		P
Calcium	427		429	J	1		P
Chromium	8.68		8.81		2		P
Cobalt	3.45		3.39	J	2		P
Copper	6.86		6.98	J	2		P
Iron	9960		10400		4		P
Lead	4.48		4.59		2		P
Magnesium	1580		1570		0		P
Manganese	65.9		67.2		2		P
Nickel	8.35		8.04	J	4		P
Potassium	356		340	J	4		P
Selenium	1.50	U	7.51	U			P
Silver	0.75	U	3.76	U			P
Sodium	357		326	J	9		P
Thallium	3.00	U	15.0	U			P
Vanadium	9.88		9.71	J	2		P
Zinc	19.9		19.8		1		P

metals
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ANALYSIS RUN LOG

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

Lab code: CHEM **Case no.:** Q2177 **Sas no.:** Q2177 **Sdg no.:** Q2177

Instrument id number: **Method:** **Run number:** LB135986

Start date: 06/03/2025 **End date:** 06/03/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1009	HG
S0.2	S0.2	1	1012	HG
S2.5	S2.5	1	1014	HG
S5	S5	1	1016	HG
S7.5	S7.5	1	1019	HG
S10	S10	1	1027	HG
ICV24	ICV24	1	1033	HG
ICB24	ICB24	1	1035	HG
CCV86	CCV86	1	1038	HG
CCB86	CCB86	1	1040	HG
CRA	CRA	1	1050	HG
PB168247BL	PB168247BL	1	1059	HG
PB168247BS	PB168247BS	1	1104	HG
Q2155-04DUP	444DUP	1	1113	HG
Q2155-04MS	444MS	1	1120	HG
CCV87	CCV87	1	1122	HG
CCB87	CCB87	1	1125	HG
Q2155-04MSD	444MSD	1	1127	HG
Q2177-08	EB05312025	1	1148	HG
CCV88	CCV88	1	1150	HG
CCB88	CCB88	1	1153	HG
Q2155-04L	444L	5	1155	HG
Q2155-04A	444A	1	1157	HG
CCV89	CCV89	1	1202	HG
CCB89	CCB89	1	1204	HG

metals
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ANALYSIS RUN LOG

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

Lab code: CHEM **Case no.:** Q2177 **Sas no.:** Q2177 **Sdg no.:** Q2177

Instrument id number: **Method:** **Run number:** LB135987

Start date: 06/03/2025 **End date:** 06/03/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1229	HG
S0.2	S0.2	1	1231	HG
S2.5	S2.5	1	1233	HG
S5	S5	1	1236	HG
S7.5	S7.5	1	1238	HG
S10	S10	1	1240	HG
ICV25	ICV25	1	1243	HG
ICB25	ICB25	1	1246	HG
CCV90	CCV90	1	1248	HG
CCB90	CCB90	1	1250	HG
CRA	CRA	1	1252	HG
CCV91	CCV91	1	1320	HG
CCB91	CCB91	1	1322	HG
CCV92	CCV92	1	1348	HG
CCB92	CCB92	1	1351	HG
PB168249BL	PB168249BL	1	1353	HG
PB168249BS	PB168249BS	1	1355	HG
CCV93	CCV93	1	1416	HG
CCB93	CCB93	1	1418	HG
Q2176-08DUP	TP-65DUP	1	1427	HG
Q2176-08MS	TP-65MS	1	1430	HG
Q2176-08MSD	TP-65MSD	1	1432	HG
Q2177-02	B-187-SB01	1	1434	HG
Q2177-04	B-187-SB02	1	1437	HG
Q2177-06	B-202-SB01	1	1439	HG
CCV94	CCV94	1	1448	HG
CCB94	CCB94	1	1451	HG
Q2176-08L	TP-65L	5	1457	HG
CCV95	CCV95	1	1502	HG
CCB95	CCB95	1	1504	HG

metals
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ANALYSIS RUN LOG

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

Lab code: CHEM **Case no.:** Q2177 **Sas no.:** Q2177 **Sdg no.:** Q2177

Instrument id number: **Method:** **Run number:** LB136011

Start date: 06/04/2025 **End date:** 06/04/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1418	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	1423	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	1427	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	1431	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	1435	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	1439	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	1549	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	1606	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	1610	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	1615	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	1626	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	1632	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	1645	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	1652	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	1735	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	1739	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	1837	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	1842	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	1926	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	1930	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB168255BL	PB168255BL	1	1951	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB168255BS	PB168255BS	1	1955	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	2012	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	2016	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2177-08	EB05312025	1	2020	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2169-03DUP	303-PPR-2DUP	1	2025	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2169-03L	303-PPR-2L	5	2029	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2169-03MS	303-PPR-2MS	1	2033	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2169-03MSD	303-PPR-2MSD	1	2037	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2169-03A	303-PPR-2A	1	2042	Ag,Cu,Sb,Zn
CCV06	CCV06	1	2058	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	2102	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	2141	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	2145	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	2206	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	2210	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.:** Q2177 **Sas no.:** Q2177 **Sdg no.:** Q2177

Instrument id number: **Method:** **Run number:** LB136097

Start date: 06/10/2025 **End date:** 06/11/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1401	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	1405	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	1409	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	1414	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	1418	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	1422	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	1437	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	1441	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	1445	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	1450	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	1454	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	1518	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	1530	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	1535	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	1628	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	1632	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	1736	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	1740	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	1828	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	1832	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	1918	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	1922	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	2009	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	2014	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB168245BL	PB168245BL	1	2035	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB168245BS	PB168245BS	1	2039	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	2104	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	2108	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2177-02	B-187-SB01	1	2136	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2177-04	B-187-SB02	1	2140	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2177-04DUP	B-187-SB02DUP	1	2144	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2177-04L	B-187-SB02L	5	2148	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2177-04MS	B-187-SB02MS	1	2152	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2177-04MSD	B-187-SB02MSD	1	2156	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2177-04A	B-187-SB02A	1	2200	Ba,Na,Sb,Zn
CCV08	CCV08	1	2204	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	2208	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2177-06	B-202-SB01	1	2213	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV09	CCV09	1	2256	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB09	CCB09	1	2301	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV10	CCV10	1	2357	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.:** Q2177 **Sas no.:** Q2177 **Sdg no.:** Q2177

Instrument id number: **Method:** **Run number:** LB136097

Start date: 06/10/2025 **End date:** 06/11/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
CCB10	CCB10	1	0002	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV11	CCV11	1	0135	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB11	CCB11	1	0139	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV12	CCV12	1	0221	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB12	CCB12	1	0225	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.: Q2177

Contract: PORT06

Lab Code: CHEM

Case No.: Q2177

SAS No.: Q2177

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.: Q2177

Contract: PORT06

Lab Code: CHEM

Case No.: Q2177

SAS No.: Q2177

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Portal Partners Tri-Venture

SDG No.: Q2177

Contract: PORT06

Lab Code: CHEM

Case No.: Q2177

SAS No.: Q2177

Instrument ID:

Date:

Interelement 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.: Q2177

Contract: PORT06

Lab Code: CHEM

Case No.: Q2177

SAS No.: Q2177

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.: Q2177

Contract: PORT06

Lab Code: CHEM

Case No.: Q2177

SAS No.: Q2177

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:	Q2177	OrderDate:	6/2/2025 11:19:00 AM
Client:	Portal Partners Tri-Venture	Project:	Amtrak Sawtooth Bridges 2025
Contact:	Joseph Krupansky	Location:	L41,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2177-02	B-187-SB01	SOIL			05/31/25			06/02/25
			Mercury	7471B		06/02/25	06/03/25	
			Metals ICP-TAL	6010D		06/02/25	06/10/25	
Q2177-04	B-187-SB02	SOIL			05/31/25			06/02/25
			Mercury	7471B		06/02/25	06/03/25	
			Metals ICP-TAL	6010D		06/02/25	06/10/25	
Q2177-06	B-202-SB01	SOIL			05/31/25			06/02/25
			Mercury	7471B		06/02/25	06/03/25	
			Metals ICP-TAL	6010D		06/02/25	06/10/25	
Q2177-08	EB05312025	Water			05/31/25			06/02/25
			Mercury	7470A		06/02/25	06/03/25	
			Metals ICP-TAL	6010D		06/03/25	06/04/25	



METAL PREPARATION & ANALYICAL SUMMARY

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SAMPLE PREPARATION SUMMARY

Client:	<u>Portal Partners Tri-Venture</u>	SDG No.:	<u>Q2177</u>
Contract:	<u>PORT06</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>Q2177</u>
		SAS No.:	<u>Q2177</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB168245							
PB168245BL	PB168245BL	MB	SOLID	06/02/2025	2.00	100.0	100.00
PB168245BS	PB168245BS	LCS	SOLID	06/02/2025	2.00	100.0	100.00
Q2177-02	B-187-SB01	SAM	SOLID	06/02/2025	2.27	100.0	84.20
Q2177-04	B-187-SB02	SAM	SOLID	06/02/2025	2.12	100.0	62.80
Q2177-04DUP	B-187-SB02DUP	DUP	SOLID	06/02/2025	2.22	100.0	62.80
Q2177-04MS	B-187-SB02MS	MS	SOLID	06/02/2025	2.34	100.0	62.80
Q2177-04MSD	B-187-SB02MSD	MSD	SOLID	06/02/2025	2.18	100.0	62.80
Q2177-06	B-202-SB01	SAM	SOLID	06/02/2025	2.15	100.0	85.40

Metals

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SAMPLE PREPARATION SUMMARY

Client:	<u>Portal Partners Tri-Venture</u>	SDG No.:	<u>Q2177</u>
Contract:	<u>PORT06</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>Q2177</u>
		SAS No.:	<u>Q2177</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB168247							
PB168247BL	PB168247BL	MB	WATER	06/02/2025	30.0	30.0	
PB168247BS	PB168247BS	LCS	WATER	06/02/2025	30.0	30.0	
Q2155-04DUP	444DUP	DUP	WATER	06/02/2025	30.0	30.0	
Q2155-04MS	444MS	MS	WATER	06/02/2025	30.0	30.0	
Q2155-04MSD	444MSD	MSD	WATER	06/02/2025	30.0	30.0	
Q2177-08	EB05312025	SAM	WATER	06/02/2025	30.0	30.0	

Metals

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SAMPLE PREPARATION SUMMARY

Client:	<u>Portal Partners Tri-Venture</u>	SDG No.:	<u>Q2177</u>
Contract:	<u>PORT06</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>Q2177</u>
		SAS No.:	<u>Q2177</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB168249							
PB168249BL	PB168249BL	MB	SOLID	06/02/2025	0.55	35.0	100.00
PB168249BS	PB168249BS	LCS	SOLID	06/02/2025	0.52	35.0	100.00
Q2176-08DUP	TP-65DUP	DUP	SOLID	06/02/2025	0.58	35.0	87.30
Q2176-08MS	TP-65MS	MS	SOLID	06/02/2025	0.54	35.0	87.30
Q2176-08MSD	TP-65MSD	MSD	SOLID	06/02/2025	0.56	35.0	87.30
Q2177-02	B-187-SB01	SAM	SOLID	06/02/2025	0.58	35.0	84.20
Q2177-04	B-187-SB02	SAM	SOLID	06/02/2025	0.60	35.0	62.80
Q2177-06	B-202-SB01	SAM	SOLID	06/02/2025	0.54	35.0	85.40

Metals

- 13 -

SAMPLE PREPARATION SUMMARY

Client:	<u>Portal Partners Tri-Venture</u>	SDG No.:	<u>Q2177</u>
Contract:	<u>PORT06</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>Q2177</u>
		SAS No.:	<u>Q2177</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB168255							
PB168255BL	PB168255BL	MB	WATER	06/03/2025	50.0	25.0	
PB168255BS	PB168255BS	LCS	WATER	06/03/2025	50.0	25.0	
Q2169-03DUP	303-PPR-2DUP	DUP	WATER	06/03/2025	50.0	25.0	
Q2169-03MS	303-PPR-2MS	MS	WATER	06/03/2025	50.0	25.0	
Q2169-03MSD	303-PPR-2MSD	MSD	WATER	06/03/2025	50.0	25.0	
Q2177-08	EB05312025	SAM	WATER	06/03/2025	50.0	25.0	

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB135986

Review By	MOHAN	Review On	6/3/2025 4:23:45 PM
Supervise By	jaswal	Supervise On	6/3/2025 4:39:12 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85814,MP85815,MP85816,MP85817,MP85818,MP85819		
ICV Standard	MP85820		
CCV Standard	MP85822		
ICSA Standard			
CRI Standard	MP85824		
LCS Standard			
Chk Standard	MP85821,MP85823,MP85825,MP8550		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	06/03/25 10:09		MOHAN	OK
2	S0.2	S0.2	CAL2	06/03/25 10:12		MOHAN	OK
3	S2.5	S2.5	CAL3	06/03/25 10:14		MOHAN	OK
4	S5	S5	CAL4	06/03/25 10:16		MOHAN	OK
5	S7.5	S7.5	CAL5	06/03/25 10:19		MOHAN	OK
6	S10	S10	CAL6	06/03/25 10:27		MOHAN	OK
7	ICV24	ICV24	ICV	06/03/25 10:33		MOHAN	OK
8	ICB24	ICB24	ICB	06/03/25 10:35		MOHAN	OK
9	CCV86	CCV86	CCV	06/03/25 10:38		MOHAN	OK
10	CCB86	CCB86	CCB	06/03/25 10:40		MOHAN	OK
11	CRA	CRA	CRDL	06/03/25 10:50		MOHAN	OK
12	HighStd	HighStd	HIGH STD	06/03/25 10:52		MOHAN	OK
13	ChkStd	ChkStd	SAM	06/03/25 10:54		MOHAN	OK
14	PB168247BL	PB168247BL	MB	06/03/25 10:59		MOHAN	OK
15	PB168247BS	PB168247BS	LCS	06/03/25 11:04		MOHAN	OK
16	Q2137-03	MOO-25-0149	SAM	06/03/25 11:06		MOHAN	OK
17	Q2155-03	447-WATER	SAM	06/03/25 11:08		MOHAN	OK
18	Q2155-04	444	SAM	06/03/25 11:11		MOHAN	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB135986

Review By	MOHAN	Review On	6/3/2025 4:23:45 PM
Supervise By	jaswal	Supervise On	6/3/2025 4:39:12 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85814,MP85815,MP85816,MP85817,MP85818,MP85819		
ICV Standard	MP85820		
CCV Standard	MP85822		
ICSA Standard			
CRI Standard	MP85824		
LCS Standard			
Chk Standard	MP85821,MP85823,MP85825,MP8550		

19	Q2155-04DUP	444DUP	DUP	06/03/25 11:13		MOHAN	OK
20	Q2155-04MS	444MS	MS	06/03/25 11:20		MOHAN	OK
21	CCV87	CCV87	CCV	06/03/25 11:22		MOHAN	OK
22	CCB87	CCB87	CCB	06/03/25 11:25		MOHAN	OK
23	Q2155-04MSD	444MSD	MSD	06/03/25 11:27		MOHAN	OK
24	Q2155-05	445	SAM	06/03/25 11:29		MOHAN	OK
25	Q2157-02	289	SAM	06/03/25 11:32		MOHAN	OK
26	Q2165-03	TRE-25-63-64	SAM	06/03/25 11:34		MOHAN	OK
27	Q2165-06	TRE-25-65-66	SAM	06/03/25 11:36		MOHAN	OK
28	Q2169-01	303-PPR-1	SAM	06/03/25 11:38	Hg high	MOHAN	Dilution
29	Q2169-03	303-PPR-2	SAM	06/03/25 11:41		MOHAN	OK
30	Q2170-01	51925-AQ	SAM	06/03/25 11:43		MOHAN	OK
31	Q2175-06	EGR-LIQUID	SAM	06/03/25 11:46		MOHAN	OK
32	Q2177-08	EB05312025	SAM	06/03/25 11:48		MOHAN	OK
33	CCV88	CCV88	CCV	06/03/25 11:50		MOHAN	OK
34	CCB88	CCB88	CCB	06/03/25 11:53		MOHAN	OK
35	Q2155-04L	444L	SD	06/03/25 11:55		MOHAN	OK
36	Q2155-04A	444A	PS	06/03/25 11:57		MOHAN	OK
37	Q2169-01DL	303-PPR-1DL	SAM	06/03/25 11:59	10X for Hg	MOHAN	Confirms
38	CCV89	CCV89	CCV	06/03/25 12:02		MOHAN	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB135986

Review By	MOHAN	Review On	6/3/2025 4:23:45 PM
Supervise By	jaswal	Supervise On	6/3/2025 4:39:12 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85814,MP85815,MP85816,MP85817,MP85818,MP85819		
ICV Standard	MP85820		
CCV Standard	MP85822		
ICSA Standard			
CRI Standard	MP85824		
LCS Standard			
Chk Standard	MP85821,MP85823,MP85825,MP8550		

39	CCB89	CCB89	CCB	06/03/25 12:04		MOHAN	OK
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A
B
C
D
E
F
G
H
I
J

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB135987

Review By	MOHAN	Review On	6/4/2025 5:35:54 PM
Supervise By	jaswal	Supervise On	6/4/2025 5:41:40 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85814,MP85815,MP85816,MP85817,MP85818,MP85819		
ICV Standard	MP85820		
CCV Standard	MP85822		
ICSA Standard			
CRI Standard	MP85824		
LCS Standard			
Chk Standard	MP85821,MP85823,MP85825,MP8596		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	06/03/25 12:29		MOHAN	OK
2	S0.2	S0.2	CAL2	06/03/25 12:31		MOHAN	OK
3	S2.5	S2.5	CAL3	06/03/25 12:33		MOHAN	OK
4	S5	S5	CAL4	06/03/25 12:36		MOHAN	OK
5	S7.5	S7.5	CAL5	06/03/25 12:38		MOHAN	OK
6	S10	S10	CAL6	06/03/25 12:40		MOHAN	OK
7	ICV25	ICV25	ICV	06/03/25 12:43		MOHAN	OK
8	ICB25	ICB25	ICB	06/03/25 12:46		MOHAN	OK
9	CCV90	CCV90	CCV	06/03/25 12:48		MOHAN	OK
10	CCB90	CCB90	CCB	06/03/25 12:50		MOHAN	OK
11	CRA	CRA	CRDL	06/03/25 12:52		MOHAN	OK
12	HighStd	HighStd	HIGH STD	06/03/25 12:55		MOHAN	OK
13	ChkStd	ChkStd	SAM	06/03/25 12:57		MOHAN	OK
14	PB168248BL	PB168248BL	MB	06/03/25 12:59		MOHAN	OK
15	PB168248BS	PB168248BS	LCS	06/03/25 13:04		MOHAN	OK
16	Q2152-01	OK-02-05292025	SAM	06/03/25 13:07		MOHAN	OK
17	Q2153-01	TR-04-0592025	SAM	06/03/25 13:09		MOHAN	OK
18	Q2159-01	TP05-MHO-WC	SAM	06/03/25 13:11		MOHAN	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB135987

Review By	MOHAN	Review On	6/4/2025 5:35:54 PM
Supervise By	jaswal	Supervise On	6/4/2025 5:41:40 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85814,MP85815,MP85816,MP85817,MP85818,MP85819		
ICV Standard	MP85820		
CCV Standard	MP85822		
ICSA Standard			
CRI Standard	MP85824		
LCS Standard			
Chk Standard	MP85821,MP85823,MP85825,MP8596		

19	Q2160-01	TP04-MHG-WC	SAM	06/03/25 13:13		MOHAN	OK
20	Q2160-01DUP	TP04-MHG-WCDUP	DUP	06/03/25 13:18		MOHAN	OK
21	CCV91	CCV91	CCV	06/03/25 13:20		MOHAN	OK
22	CCB91	CCB91	CCB	06/03/25 13:22		MOHAN	OK
23	Q2160-01MS	TP04-MHG-WCMS	MS	06/03/25 13:25		MOHAN	OK
24	Q2160-01MSD	TP04-MHG-WCMSD	MSD	06/03/25 13:27		MOHAN	OK
25	Q2160-05	TP05-MHH-WC	SAM	06/03/25 13:29		MOHAN	OK
26	Q2168-01	SAN-A1-A3	SAM	06/03/25 13:32		MOHAN	OK
27	Q2168-05	SAN-B1-B3	SAM	06/03/25 13:34		MOHAN	OK
28	Q2168-09	SAN-C1-C2	SAM	06/03/25 13:36	Hg High	MOHAN	Dilution
29	Q2172-01	TP06-MHQ	SAM	06/03/25 13:39		MOHAN	OK
30	Q2173-01	OR-400-CF-402B-CO	SAM	06/03/25 13:41		MOHAN	OK
31	Q2173-07	OR-400-CF-402B-CO	SAM	06/03/25 13:44		MOHAN	OK
32	Q2173-13	OR-400-CF-402B-CO	SAM	06/03/25 13:46		MOHAN	OK
33	CCV92	CCV92	CCV	06/03/25 13:48		MOHAN	OK
34	CCB92	CCB92	CCB	06/03/25 13:51		MOHAN	OK
35	PB168249BL	PB168249BL	MB	06/03/25 13:53		MOHAN	OK
36	PB168249BS	PB168249BS	LCS	06/03/25 13:55		MOHAN	OK
37	Q2175-02	52725	SAM	06/03/25 13:57	not present on log in page	MOHAN	Not Ok
38	Q2176-01	TP-46	SAM	06/03/25 14:00		MOHAN	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB135987

Review By	MOHAN	Review On	6/4/2025 5:35:54 PM
Supervise By	jaswal	Supervise On	6/4/2025 5:41:40 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85814,MP85815,MP85816,MP85817,MP85818,MP85819		
ICV Standard	MP85820		
CCV Standard	MP85822		
ICSA Standard			
CRI Standard	MP85824		
LCS Standard			
Chk Standard	MP85821,MP85823,MP85825,MP8596		

39	Q2176-02	TP-56	SAM	06/03/25 14:02		MOHAN	OK
40	Q2176-03	TP-25	SAM	06/03/25 14:04		MOHAN	OK
41	Q2176-04	TP-26	SAM	06/03/25 14:07		MOHAN	OK
42	Q2176-05	TP-28	SAM	06/03/25 14:09		MOHAN	OK
43	Q2176-06	TP-27	SAM	06/03/25 14:11		MOHAN	OK
44	Q2176-07	TP-31	SAM	06/03/25 14:13		MOHAN	OK
45	CCV93	CCV93	CCV	06/03/25 14:16		MOHAN	OK
46	CCB93	CCB93	CCB	06/03/25 14:18		MOHAN	OK
47	Q2176-08	TP-65	SAM	06/03/25 14:25		MOHAN	OK
48	Q2176-08DUP	TP-65DUP	DUP	06/03/25 14:27		MOHAN	OK
49	Q2176-08MS	TP-65MS	MS	06/03/25 14:30		MOHAN	OK
50	Q2176-08MSD	TP-65MSD	MSD	06/03/25 14:32		MOHAN	OK
51	Q2177-02	B-187-SB01	SAM	06/03/25 14:34		MOHAN	OK
52	Q2177-04	B-187-SB02	SAM	06/03/25 14:37		MOHAN	OK
53	Q2177-06	B-202-SB01	SAM	06/03/25 14:39		MOHAN	OK
54	Q2185-01	TP02-MHB-WC	SAM	06/03/25 14:41		MOHAN	OK
55	Q2185-05	TP01-MHA-WC	SAM	06/03/25 14:44		MOHAN	OK
56	Q2168-09DL	SAN-C1-C2DL	SAM	06/03/25 14:46	5X For HG	MOHAN	Confirms
57	CCV94	CCV94	CCV	06/03/25 14:48		MOHAN	OK
58	CCB94	CCB94	CCB	06/03/25 14:51		MOHAN	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB135987

Review By	MOHAN	Review On	6/4/2025 5:35:54 PM
Supervise By	jaswal	Supervise On	6/4/2025 5:41:40 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85814,MP85815,MP85816,MP85817,MP85818,MP85819		
ICV Standard	MP85820		
CCV Standard	MP85822		
ICSA Standard			
CRI Standard	MP85824		
LCS Standard			
Chk Standard	MP85821,MP85823,MP85825,MP8596		

59	Q2160-01L	TP04-MHG-WCL	SD	06/03/25 14:53		MOHAN	OK
60	Q2160-01A	TP04-MHG-WCA	PS	06/03/25 14:55		MOHAN	OK
61	Q2176-08L	TP-65L	SD	06/03/25 14:57		MOHAN	OK
62	Q2176-08A	TP-65A	PS	06/03/25 15:00		MOHAN	OK
63	CCV95	CCV95	CCV	06/03/25 15:02		MOHAN	OK
64	CCB95	CCB95	CCB	06/03/25 15:04		MOHAN	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136011

Review By	Janvi	Review On	6/5/2025 3:57:54 PM
Supervise By	jaswal	Supervise On	6/10/2025 4:55:25 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868		
ICV Standard	MP85872		
CCV Standard	MP85875		
ICSA Standard	MP85873,MP85874		
CRI Standard	MP85897		
LCS Standard			
Chk Standard	MP85876,MP85877		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	06/04/25 14:18		Jaswal	OK
2	S1	S1	CAL2	06/04/25 14:23		Jaswal	OK
3	S2	S2	CAL3	06/04/25 14:27		Jaswal	OK
4	S3	S3	CAL4	06/04/25 14:31		Jaswal	OK
5	S4	S4	CAL5	06/04/25 14:35		Jaswal	OK
6	S5	S5	CAL6	06/04/25 14:39		Jaswal	OK
7	ICV01	ICV01	ICV	06/04/25 15:49		Jaswal	OK
8	LLICV01	LLICV01	LLICV	06/04/25 16:06		Jaswal	OK
9	ICB01	ICB01	ICB	06/04/25 16:10		Jaswal	OK
10	CRI01	CRI01	CRDL	06/04/25 16:15		Jaswal	OK
11	ICSA01	ICSA01	ICSA	06/04/25 16:26		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	06/04/25 16:32		Jaswal	OK
13	ICSADL	ICSADL	ICSA	06/04/25 16:36		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	06/04/25 16:40		Jaswal	OK
15	CCV01	CCV01	CCV	06/04/25 16:45		Jaswal	OK
16	CCB01	CCB01	CCB	06/04/25 16:52		Jaswal	OK
17	Q2160-05	TP05-MHH-WC	SAM	06/04/25 16:57		Jaswal	OK
18	Q2159-04	TP05-MHO-WC	SAM	06/04/25 17:01		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136011

Review By	Janvi	Review On	6/5/2025 3:57:54 PM
Supervise By	jaswal	Supervise On	6/10/2025 4:55:25 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868		
ICV Standard	MP85872		
CCV Standard	MP85875		
ICSA Standard	MP85873,MP85874		
CRI Standard	MP85897		
LCS Standard			
Chk Standard	MP85876,MP85877		

19	Q2178-01	RT2929	SAM	06/04/25 17:05		Jaswal	OK
20	Q2182-01	OR-03-06022025	SAM	06/04/25 17:10		Jaswal	OK
21	Q2172-04	TP06-MHQ	SAM	06/04/25 17:14		Jaswal	OK
22	Q2178-02	RT2929	SAM	06/04/25 17:18		Jaswal	OK
23	Q2185-01	TP02-MHB-WC	SAM	06/04/25 17:23		Jaswal	OK
24	Q2185-05	TP01-MHA-WC	SAM	06/04/25 17:27		Jaswal	OK
25	Q2178-01DUP	RT2929DUP	DUP	06/04/25 17:31		Jaswal	OK
26	CCV02	CCV02	CCV	06/04/25 17:35		Jaswal	OK
27	CCB02	CCB02	CCB	06/04/25 17:39		Jaswal	OK
28	Q2178-01L	RT2929L	SD	06/04/25 17:48		Jaswal	OK
29	Q2178-01MS	RT2929MS	MS	06/04/25 17:53		Jaswal	OK
30	Q2178-01MSD	RT2929MSD	MSD	06/04/25 17:57		Jaswal	OK
31	Q2178-01A	RT2929A	PS	06/04/25 18:01		Jaswal	OK
32	PB168224TB	PB168224TB	MB	06/04/25 18:05		Jaswal	OK
33	Q2168-02	SAN-A1-A3	SAM	06/04/25 18:10		Jaswal	OK
34	Q2168-06	SAN-B1-B3	SAM	06/04/25 18:14		Jaswal	OK
35	Q2168-10	SAN-C1-C2	SAM	06/04/25 18:19		Jaswal	OK
36	Q2177-03	B-187-SB01	SAM	06/04/25 18:23		Jaswal	OK
37	CCV03	CCV03	CCV	06/04/25 18:37		Jaswal	OK
38	CCB03	CCB03	CCB	06/04/25 18:42		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136011

Review By	Janvi	Review On	6/5/2025 3:57:54 PM
Supervise By	jaswal	Supervise On	6/10/2025 4:55:25 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868		
ICV Standard	MP85872		
CCV Standard	MP85875		
ICSA Standard	MP85873,MP85874		
CRI Standard	MP85897		
LCS Standard			
Chk Standard	MP85876,MP85877		

39	Q2177-05	B-187-SB02	SAM	06/04/25 18:47		Jaswal	OK
40	Q2177-07	B-202-SB01	SAM	06/04/25 18:51		Jaswal	OK
41	Q2185-04	TP02-MHB-WC	SAM	06/04/25 18:56		Jaswal	OK
42	Q2185-08	TP01-MHA-WC	SAM	06/04/25 19:00		Jaswal	OK
43	Q2185-08DUP	TP01-MHA-WC	DUP	06/04/25 19:04		Jaswal	OK
44	Q2185-08L	TP01-MHA-WC	SD	06/04/25 19:09		Jaswal	OK
45	Q2185-08MS	TP01-MHA-WCMS	MS	06/04/25 19:13		Jaswal	OK
46	Q2185-08MSD	TP01-MHA-WCMSD	MSD	06/04/25 19:17		Jaswal	OK
47	Q2185-08A	TP01-MHA-WC	PS	06/04/25 19:22		Jaswal	OK
48	CCV04	CCV04	CCV	06/04/25 19:26		Jaswal	OK
49	CCB04	CCB04	CCB	06/04/25 19:30		Jaswal	OK
50	PB168256BL	PB168256BL	MB	06/04/25 19:34		Jaswal	OK
51	PB168256BS	PB168256BS	LCS	06/04/25 19:39		Jaswal	OK
52	PB168261BL	PB168261BL	MB	06/04/25 19:43		Jaswal	OK
53	PB168261BS	PB168261BS	LCS	06/04/25 19:47		Jaswal	OK
54	PB168255BL	PB168255BL	MB	06/04/25 19:51		Jaswal	OK
55	PB168255BS	PB168255BS	LCS	06/04/25 19:55		Jaswal	OK
56	Q2169-01	303-PPR-1	SAM	06/04/25 19:59		Jaswal	OK
57	Q2169-03	303-PPR-2	SAM	06/04/25 20:03		Jaswal	OK
58	Q2175-06DL	EGR-LIQUIDDL	SAM	06/04/25 20:08	Straight 5x for all elements	Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136011

Review By	Janvi	Review On	6/5/2025 3:57:54 PM
Supervise By	jaswal	Supervise On	6/10/2025 4:55:25 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868		
ICV Standard	MP85872		
CCV Standard	MP85875		
ICSA Standard	MP85873,MP85874		
CRI Standard	MP85897		
LCS Standard			
Chk Standard	MP85876,MP85877		

59	CCV05	CCV05	CCV	06/04/25 20:12		Jaswal	OK
60	CCB05	CCB05	CCB	06/04/25 20:16		Jaswal	OK
61	Q2177-08	EB05312025	SAM	06/04/25 20:20		Jaswal	OK
62	Q2169-03DUP	303-PPR-2DUP	DUP	06/04/25 20:25		Jaswal	OK
63	Q2169-03L	303-PPR-2L	SD	06/04/25 20:29		Jaswal	OK
64	Q2169-03MS	303-PPR-2MS	MS	06/04/25 20:33		Jaswal	OK
65	Q2169-03MSD	303-PPR-2MSD	MSD	06/04/25 20:37		Jaswal	OK
66	Q2169-03A	303-PPR-2A	PS	06/04/25 20:42		Jaswal	OK
67	PB168276BL	PB168276BL	MB	06/04/25 20:46		Jaswal	OK
68	PB168276BS	PB168276BS	LCS	06/04/25 20:50		Jaswal	OK
69	Q2175-09DL	52725DL	SAM	06/04/25 20:54	Straight 5x for all elements	Jaswal	OK
70	CCV06	CCV06	CCV	06/04/25 20:58		Jaswal	OK
71	CCB06	CCB06	CCB	06/04/25 21:02		Jaswal	OK
72	Q2198-05DL	B-202-GW01DL	SAM	06/04/25 21:07	Straight 5x for all elements	Jaswal	OK
73	Q2198-05DUPDL	B-202-GW01DUPDL	DUP	06/04/25 21:11	Straight 5x for all elements	Jaswal	OK
74	Q2198-05LDL	B-202-GW01LDL	SD	06/04/25 21:15	Straight 25x for all elements	Jaswal	OK
75	Q2198-05MSDL	B-202-GW01MSDL	MS	06/04/25 21:20	Straight 5x for all elements	Jaswal	OK
76	Q2198-05MSDDL	B-202-GW01MSDDL	MSD	06/04/25 21:24	Straight 5x for all elements	Jaswal	OK
77	Q2198-05ADL	B-202-GW01ADL	PS	06/04/25 21:28	Straight 5x for all elements	Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136011

Review By	Janvi	Review On	6/5/2025 3:57:54 PM
Supervise By	jaswal	Supervise On	6/10/2025 4:55:25 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868		
ICV Standard	MP85872		
CCV Standard	MP85875		
ICSA Standard	MP85873,MP85874		
CRI Standard	MP85897		
LCS Standard			
Chk Standard	MP85876,MP85877		

78	Q2172-01	TP06-MHQ	SAM	06/04/25 21:32	CCV fail for Fe,K,Na	Jaswal	Not Ok
79	Q2172-01DUP	TP06-MHQDUP	DUP	06/04/25 21:37	CCV fail for Fe,K,Na	Jaswal	Not Ok
80	CCV07	CCV07	CCV	06/04/25 21:41		Jaswal	OK
81	CCB07	CCB07	CCB	06/04/25 21:45		Jaswal	OK
82	Q2172-01L	TP06-MHQL	SD	06/04/25 21:49	CCV fail for Fe,K,Na	Jaswal	Not Ok
83	Q2172-01MS	TP06-MHQMS	MS	06/04/25 21:54	CCV fail for Fe,K,Na	Jaswal	Not Ok
84	Q2172-01MSD	TP06-MHQMSD	MSD	06/04/25 21:57	CCV fail for Fe,K,Na	Jaswal	Not Ok
85	Q2172-01A	TP06-MHQA	PS	06/04/25 22:01	CCV fail for Fe,K,Na	Jaswal	Not Ok
86	CCV08	CCV08	CCV	06/04/25 22:06	CCV fail for Fe,K,Na	Jaswal	OK
87	CCB08	CCB08	CCB	06/04/25 22:10		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136097

Review By	Janvi	Review On	6/11/2025 10:49:51 AM
Supervise By	jaswal	Supervise On	6/11/2025 2:45:55 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868		
ICV Standard	MP85934		
CCV Standard	MP85875		
ICSA Standard	MP85873,MP85874		
CRI Standard	MP85897		
LCS Standard			
Chk Standard	MP85876,MP85877		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	06/10/25 14:01		Jaswal	OK
2	S1	S1	CAL2	06/10/25 14:05		Jaswal	OK
3	S2	S2	CAL3	06/10/25 14:09		Jaswal	OK
4	S3	S3	CAL4	06/10/25 14:14		Jaswal	OK
5	S4	S4	CAL5	06/10/25 14:18		Jaswal	OK
6	S5	S5	CAL6	06/10/25 14:22		Jaswal	OK
7	ICV01	ICV01	ICV	06/10/25 14:37		Jaswal	OK
8	LLICV01	LLICV01	LLICV	06/10/25 14:41		Jaswal	OK
9	ICB01	ICB01	ICB	06/10/25 14:45		Jaswal	OK
10	CRI01	CRI01	CRDL	06/10/25 14:50		Jaswal	OK
11	ICSA01	ICSA01	ICSA	06/10/25 14:54		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	06/10/25 15:18		Jaswal	OK
13	ICSADL	ICSADL	ICSA	06/10/25 15:22		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	06/10/25 15:26		Jaswal	OK
15	CCV01	CCV01	CCV	06/10/25 15:30		Jaswal	OK
16	CCB01	CCB01	CCB	06/10/25 15:35		Jaswal	OK
17	Q2242-04	TP09-MHJ	SAM	06/10/25 15:39		Jaswal	OK
18	Q2242-04DUP	TP09-MHJDUP	DUP	06/10/25 15:43		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136097

Review By	Janvi	Review On	6/11/2025 10:49:51 AM
Supervise By	jaswal	Supervise On	6/11/2025 2:45:55 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868		
ICV Standard	MP85934		
CCV Standard	MP85875		
ICSA Standard	MP85873,MP85874		
CRI Standard	MP85897		
LCS Standard			
Chk Standard	MP85876,MP85877		

19	Q2242-04L	TP09-MHJL	SD	06/10/25 15:48		Jaswal	OK
20	Q2242-04MS	TP09-MHJMS	MS	06/10/25 15:52		Jaswal	OK
21	Q2242-04MSD	TP09-MHJMDS	MSD	06/10/25 15:56		Jaswal	OK
22	Q2242-04A	TP09-MHJA	PS	06/10/25 16:00	0.1ML EACH M6004, M6013-10ML SAMPLE	Jaswal	OK
23	Q2197-01	DSN002	SAM	06/10/25 16:05		Jaswal	OK
24	Q2197-03	DSN001	SAM	06/10/25 16:15		Jaswal	OK
25	Q2197-05	DSN003	SAM	06/10/25 16:19		Jaswal	OK
26	Q2210-01	TW1	SAM	06/10/25 16:23		Jaswal	OK
27	CCV02	CCV02	CCV	06/10/25 16:28		Jaswal	OK
28	CCB02	CCB02	CCB	06/10/25 16:32		Jaswal	OK
29	Q2243-01	WATER-TREATMENT	SAM	06/10/25 16:37		Jaswal	OK
30	Q2241-01	TP-N	SAM	06/10/25 16:41		Jaswal	OK
31	Q2241-05	TP-S	SAM	06/10/25 16:45		Jaswal	OK
32	Q2248-01	TR-05-060525	SAM	06/10/25 16:49		Jaswal	OK
33	Q2197-05DUP	DSN003DUP	DUP	06/10/25 16:53		Jaswal	OK
34	Q2197-05L	DSN003L	SD	06/10/25 16:58		Jaswal	OK
35	Q2197-05MS	DSN003MS	MS	06/10/25 17:02		Jaswal	OK
36	Q2197-05MSD	DSN003MSD	MSD	06/10/25 17:06		Jaswal	OK
37	Q2197-05A	DSN003A	PS	06/10/25 17:28	0.1ML EACH M6004, M6013-10ML SAMPLE	Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136097

Review By	Janvi	Review On	6/11/2025 10:49:51 AM
Supervise By	jaswal	Supervise On	6/11/2025 2:45:55 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868		
ICV Standard	MP85934		
CCV Standard	MP85875		
ICSA Standard	MP85873,MP85874		
CRI Standard	MP85897		
LCS Standard			
Chk Standard	MP85876,MP85877		

38	Q2137-05	MOO-25-0151	SAM	06/10/25 17:32		Jaswal	OK
39	CCV03	CCV03	CCV	06/10/25 17:36		Jaswal	OK
40	CCB03	CCB03	CCB	06/10/25 17:40		Jaswal	OK
41	Q2240-01	TP-3	SAM	06/10/25 17:45		Jaswal	OK
42	Q2240-05	TP-2	SAM	06/10/25 17:49		Jaswal	OK
43	Q2240-09	TP-1	SAM	06/10/25 17:53		Jaswal	OK
44	Q2244-01	TP03-MHC	SAM	06/10/25 17:58		Jaswal	OK
45	Q2242-01	TP09-MHJ	SAM	06/10/25 18:02		Jaswal	OK
46	Q2238-01DUP	0528DUP	DUP	06/10/25 18:06	RPD fail for more than 50% parameter	Jaswal	Not Ok
47	Q2238-01L	0528L	SD	06/10/25 18:11	RPD fail for more than 50% parameter	Jaswal	Not Ok
48	Q2238-01MS	0528MS	MS	06/10/25 18:15	RPD fail for more than 50% parameter	Jaswal	Not Ok
49	Q2238-01MSD	0528MSD	MSD	06/10/25 18:19	RPD fail for more than 50% parameter	Jaswal	Not Ok
50	Q2238-01A	0528A	PS	06/10/25 18:23	RPD fail for more than 50% parameter	Jaswal	Not Ok
51	CCV04	CCV04	CCV	06/10/25 18:28		Jaswal	OK
52	CCB04	CCB04	CCB	06/10/25 18:32		Jaswal	OK
53	PB168309BL	PB168309BL	MB	06/10/25 18:36		Jaswal	OK
54	PB168309BS	PB168309BS	LCS	06/10/25 18:40		Jaswal	OK
55	PB168284BL	PB168284BL	MB	06/10/25 18:44	NOT USE	Jaswal	Not Ok

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136097

Review By	Janvi	Review On	6/11/2025 10:49:51 AM
Supervise By	jaswal	Supervise On	6/11/2025 2:45:55 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868		
ICV Standard	MP85934		
CCV Standard	MP85875		
ICSA Standard	MP85873,MP85874		
CRI Standard	MP85897		
LCS Standard			
Chk Standard	MP85876,MP85877		

56	PB168284BS	PB168284BS	LCS	06/10/25 18:49	NOT USE	Jaswal	Not Ok
57	PB168310BL	PB168310BL	MB	06/10/25 18:53		Jaswal	OK
58	PB168310BS	PB168310BS	LCS	06/10/25 18:57		Jaswal	OK
59	Q2246-01	BU-03-060525	SAM	06/10/25 19:01		Jaswal	OK
60	Q2259-03	OU4-PCS-TC-37-060525	SAM	06/10/25 19:05		Jaswal	OK
61	Q2259-05	OU4-TS-29-060525	SAM	06/10/25 19:10		Jaswal	OK
62	Q2259-06	OU4-TS-30-060525	SAM	06/10/25 19:14		Jaswal	OK
63	CCV05	CCV05	CCV	06/10/25 19:18		Jaswal	OK
64	CCB05	CCB05	CCB	06/10/25 19:22		Jaswal	OK
65	Q2265-01	TP11-MHL-WC	SAM	06/10/25 19:27		Jaswal	OK
66	Q2266-01	WC-3	SAM	06/10/25 19:31		Jaswal	OK
67	Q2266-05	WC-5	SAM	06/10/25 19:35		Jaswal	OK
68	Q2260-01	TP10-MHG-WC	SAM	06/10/25 19:39		Jaswal	OK
69	Q2260-01DUP	TP10-MHG-WCDUP	DUP	06/10/25 19:44		Jaswal	OK
70	Q2260-01L	TP10-MHG-WCL	SD	06/10/25 19:48		Jaswal	OK
71	Q2260-01MS	TP10-MHG-WCMS	MS	06/10/25 19:52		Jaswal	OK
72	Q2260-01MSD	TP10-MHG-WCMSD	MSD	06/10/25 19:57		Jaswal	OK
73	Q2260-01A	TP10-MHG-WCA	PS	06/10/25 20:01	0.1ML EACH M6004, M6013-10ML SAMPLE	Jaswal	OK
74	PB168353BL	PB168353BL	MB	06/10/25 20:05		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136097

Review By	Janvi	Review On	6/11/2025 10:49:51 AM
Supervise By	jaswal	Supervise On	6/11/2025 2:45:55 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868		
ICV Standard	MP85934		
CCV Standard	MP85875		
ICSA Standard	MP85873,MP85874		
CRI Standard	MP85897		
LCS Standard			
Chk Standard	MP85876,MP85877		

75	CCV06	CCV06	CCV	06/10/25 20:09		Jaswal	OK
76	CCB06	CCB06	CCB	06/10/25 20:14		Jaswal	OK
77	PB168353BS	PB168353BS	LCS	06/10/25 20:22		Jaswal	OK
78	Q2259-01	OU4-PCS-TC-36-060	SAM	06/10/25 20:26		Jaswal	OK
79	Q2238-01	0528	SAM	06/10/25 20:30	RPD fail for more than 50% parameter	Jaswal	Not Ok
80	PB168245BL	PB168245BL	MB	06/10/25 20:35		Jaswal	OK
81	PB168245BS	PB168245BS	LCS	06/10/25 20:39		Jaswal	OK
82	Q2176-01	TP-46	SAM	06/10/25 20:43		Jaswal	OK
83	Q2176-02	TP-56	SAM	06/10/25 20:47		Jaswal	OK
84	Q2176-03	TP-25	SAM	06/10/25 20:51		Jaswal	OK
85	Q2176-04	TP-26	SAM	06/10/25 20:55		Jaswal	OK
86	Q2176-05	TP-28	SAM	06/10/25 21:00		Jaswal	OK
87	CCV07	CCV07	CCV	06/10/25 21:04		Jaswal	OK
88	CCB07	CCB07	CCB	06/10/25 21:08		Jaswal	OK
89	Q2176-06	TP-27	SAM	06/10/25 21:12		Jaswal	OK
90	Q2176-07	TP-31	SAM	06/10/25 21:16		Jaswal	OK
91	Q2176-08	TP-65	SAM	06/10/25 21:32		Jaswal	OK
92	Q2177-02	B-187-SB01	SAM	06/10/25 21:36		Jaswal	OK
93	Q2177-04	B-187-SB02	SAM	06/10/25 21:40		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136097

Review By	Janvi	Review On	6/11/2025 10:49:51 AM
Supervise By	jaswal	Supervise On	6/11/2025 2:45:55 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868		
ICV Standard	MP85934		
CCV Standard	MP85875		
ICSA Standard	MP85873,MP85874		
CRI Standard	MP85897		
LCS Standard			
Chk Standard	MP85876,MP85877		

94	Q2177-04DUP	B-187-SB02DUP	DUP	06/10/25 21:44		Jaswal	OK
95	Q2177-04L	B-187-SB02L	SD	06/10/25 21:48		Jaswal	OK
96	Q2177-04MS	B-187-SB02MS	MS	06/10/25 21:52		Jaswal	OK
97	Q2177-04MSD	B-187-SB02MSD	MSD	06/10/25 21:56		Jaswal	OK
98	Q2177-04A	B-187-SB02A	PS	06/10/25 22:00	0.1ML EACH M6004, M6013-10ML SAMPLE	Jaswal	OK
99	CCV08	CCV08	CCV	06/10/25 22:04		Jaswal	OK
100	CCB08	CCB08	CCB	06/10/25 22:08		Jaswal	OK
101	Q2177-06	B-202-SB01	SAM	06/10/25 22:13		Jaswal	OK
102	PB168359BL	PB168359BL	MB	06/10/25 22:17		Jaswal	OK
103	PB168359BS	PB168359BS	LCS	06/10/25 22:21		Jaswal	OK
104	Q2244-04	TP03-MHC	SAM	06/10/25 22:25		Jaswal	OK
105	Q2260-04	TP10-MHG-WC	SAM	06/10/25 22:30		Jaswal	OK
106	Q2262-02	ARS20-0032	SAM	06/10/25 22:34		Jaswal	OK
107	Q2262-04	ARS20-0001	SAM	06/10/25 22:39		Jaswal	OK
108	Q2265-04	TP11-MHL-WC	SAM	06/10/25 22:43		Jaswal	OK
109	Q2266-04	WC-3	SAM	06/10/25 22:48		Jaswal	OK
110	Q2266-08	WC-5	SAM	06/10/25 22:52		Jaswal	OK
111	CCV09	CCV09	CCV	06/10/25 22:56		Jaswal	OK
112	CCB09	CCB09	CCB	06/10/25 23:01		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136097

Review By	Janvi	Review On	6/11/2025 10:49:51 AM
Supervise By	jaswal	Supervise On	6/11/2025 2:45:55 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868		
ICV Standard	MP85934		
CCV Standard	MP85875		
ICSA Standard	MP85873,MP85874		
CRI Standard	MP85897		
LCS Standard			
Chk Standard	MP85876,MP85877		

113	Q2266-08DUP	WC-5DUP	DUP	06/10/25 23:05		Jaswal	OK
114	Q2266-08L	WC-5L	SD	06/10/25 23:09		Jaswal	OK
115	Q2266-08MS	WC-5MS	MS	06/10/25 23:14		Jaswal	OK
116	Q2266-08MSD	WC-5MSD	MSD	06/10/25 23:18		Jaswal	OK
117	Q2266-08A	WC-5A	PS	06/10/25 23:32	0.1ML EACH M6004, M6013-10ML SAMPLE	Jaswal	OK
118	PB168333TB	PB168333TB	MB	06/10/25 23:36		Jaswal	OK
119	PB168384BL	PB168384BL	MB	06/10/25 23:41		Jaswal	OK
120	PB168384BS	PB168384BS	LCS	06/10/25 23:45		Jaswal	OK
121	Q2253-01	RW8-SP100-2025060	SAM	06/10/25 23:49		Jaswal	OK
122	Q2253-02	RW8-SP303-2025060	SAM	06/10/25 23:53		Jaswal	OK
123	CCV10	CCV10	CCV	06/10/25 23:57		Jaswal	OK
124	CCB10	CCB10	CCB	06/11/25 00:02		Jaswal	OK
125	Q2253-02DUP	RW8-SP303-2025060	DUP	06/11/25 00:06		Jaswal	OK
126	Q2253-02L	RW8-SP303-2025060	SD	06/11/25 00:10		Jaswal	OK
127	Q2253-02MS	RW8-SP303-2025060	MS	06/11/25 00:15		Jaswal	OK
128	Q2253-02MSD	RW8-SP303-2025060	MSD	06/11/25 00:19		Jaswal	OK
129	Q2253-02A	RW8-SP303-2025060	PS	06/11/25 01:01	0.1ML EACH M6004, M6013-10ML SAMPLE	Jaswal	OK
130	PB168385BL	PB168385BL	MB	06/11/25 01:05		Jaswal	OK
131	PB168385BS	PB168385BS	LCS	06/11/25 01:09		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136097

Review By	Janvi	Review On	6/11/2025 10:49:51 AM
Supervise By	jaswal	Supervise On	6/11/2025 2:45:55 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868		
ICV Standard	MP85934		
CCV Standard	MP85875		
ICSA Standard	MP85873,MP85874		
CRI Standard	MP85897		
LCS Standard			
Chk Standard	MP85876,MP85877		

132	Q2271-01	TP12-MHK-WC	SAM	06/11/25 01:13		Jaswal	OK
133	Q2272-01	TP-6	SAM	06/11/25 01:17		Jaswal	OK
134	Q2273-01	WC-4	SAM	06/11/25 01:21		Jaswal	OK
135	CCV11	CCV11	CCV	06/11/25 01:35		Jaswal	OK
136	CCB11	CCB11	CCB	06/11/25 01:39		Jaswal	OK
137	Q2273-05	WC-6	SAM	06/11/25 01:44		Jaswal	OK
138	Q2274-01	TP-13-MHP-WC	SAM	06/11/25 01:48		Jaswal	OK
139	Q2274-01DUP	TP-13-MHP-WCDUP	DUP	06/11/25 01:52		Jaswal	OK
140	Q2274-01L	TP-13-MHP-WCL	SD	06/11/25 01:56		Jaswal	OK
141	Q2274-01MS	TP-13-MHP-WCMS	MS	06/11/25 02:01		Jaswal	OK
142	Q2274-01MSD	TP-13-MHP-WCMSD	MSD	06/11/25 02:05		Jaswal	OK
143	Q2274-01A	TP-13-MHP-WCA	PS	06/11/25 02:09	0.1ML EACH M6004, M6013-10ML SAMPLE	Jaswal	OK
144	CCV12	CCV12	CCV	06/11/25 02:21		Jaswal	OK
145	CCB12	CCB12	CCB	06/11/25 02:25		Jaswal	OK

SOP ID : M3050B-Digestion-20

SDG No : N/A

Matrix : SOIL

Pipette ID : ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

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

Start Digest Date: 06/02/2025 Time : 13:05 Temp : 96 °C

End Digest Date: 06/02/2025 Time : 15:15 Temp : 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #3

Dig Technician Signature: *SLG*

Supervisor Signature: *[Signature]*

Temp : 1. 96°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
LFS-1	1.00	M6007
LFS-2	1.00	M6016
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	5.00	M6158
1:1 HNO3	10.00	MP84041
30% H2O2	3.00	M6162
Conc. HCL	10.00	M6151
PTFE Boiling Stones	N/A	M5581
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#3 CELL#35 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
06/2/25 16:15	<i>SLG met dig</i>	<i>[Signature] 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
PB168245BL	PBS245	N/A	2.00	100	Colorless	Colorless	Fine	N/A	N/A	1
PB168245BS	LCS245	N/A	2.00	100	Colorless	Colorless	Fine	N/A	M6007,M6016	2
Q2175-02	52725	N/A	2.24	100	Brown	Yellow	Medium	N/A	N/A	3
Q2176-01	TP-46	N/A	2.46	100	Brown	Yellow	Medium	N/A	N/A	4
Q2176-02	TP-56	N/A	2.25	100	Brown	Yellow	Medium	N/A	N/A	5
Q2176-03	TP-25	N/A	2.10	100	Brown	Yellow	Medium	N/A	N/A	6
Q2176-04	TP-26	N/A	2.48	100	Brown	Yellow	Medium	N/A	N/A	7
Q2176-05	TP-28	N/A	2.22	100	Brown	Yellow	Medium	N/A	N/A	8
Q2176-06	TP-27	N/A	2.12	100	Brown	Yellow	Medium	N/A	N/A	9
Q2176-07	TP-31	N/A	2.15	100	Brown	Yellow	Medium	N/A	N/A	10
Q2176-08	TP-65	N/A	2.25	100	Brown	Yellow	Medium	N/A	N/A	11
Q2177-02	B-187-SB01	N/A	2.27	100	Brown	Yellow	Medium	N/A	N/A	12
Q2177-04	B-187-SB02	N/A	2.12	100	Brown	Yellow	Medium	N/A	N/A	13
Q2177-04MS	B-187-SB02MS	N/A	2.34	100	Brown	Yellow	Medium	N/A	M6007,M6016	15
Q2177-04MSD	B-187-SB02MSD	N/A	2.18	100	Brown	Yellow	Medium	N/A	M6007,M6016	16
Q2177-04DUP	B-187-SB02DUP	N/A	2.22	100	Brown	Yellow	Medium	N/A	N/A	14
Q2177-06	B-202-SB01	N/A	2.15	100	Brown	Yellow	Medium	N/A	N/A	17

SOP ID : M7470A-Mercury-20

SDG No : NA

Matrix : WATER

Pipette ID : HG A

Balance ID : N/A

Filter paper ID : NA

pH Strip ID : M6069

Hood ID : #1

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

Start Digest Date: 06/02/2025 Time : 14:40 Temp : 94 °C

End Digest Date: 06/02/2025 Time : 16:40 Temp : 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: *MB*

Supervisor Signature: *12*

Temp : 1. 94°C 2. N/A

Standardized Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP85820
CCV	30mL	MP85822
Blank Spike	30mL	MP85824
Blank Spike	0.48mL	MP85813
Matrix Spike	0.48mL	MP85813

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.25mL	MP85240
KMnO4 (5%)	4.5mL	MP85241
K2S2O8 (5%)	2.4mL	MP85242
Hydroxylamine HCL (12%)	1.8mL	MP85243
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP85814
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP85815
2.5 ppb	S2.5	30mL	MP85816
5.0 ppb	S5.0	30mL	MP85817
7.5 ppb	S7.5	30mL	MP85818
10.0 ppb	S10.0	30mL	MP85819
ICV	ICV	30mL	MP85820
ICB	ICB	30mL	MP85821
CCV	CCV	30mL	MP85822
CCB	CCB	30mL	MP85823
CRI	CRI	30mL	MP85824
CHK STD	CHK STD	30mL	MP85825

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/2/25 @ 17:10	MB - Dig. Lab	MB - Dig. Lab
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB168247BL	PBW247	30	30	<2	N/A	3-1
PB168247BS	LCS247	30	30	<2	MP85813	2
Q2137-03	MOO-25-0149	30	30	<2	N/A	3
Q2155-03	447-WATER	30	30	<2	N/A	4
Q2155-04	444	30	30	<2	N/A	5
Q2155-04DUP	444DUP	30	30	<2	N/A	6
Q2155-04MS	444MS	30	30	<2	MP85813	7
Q2155-04MSD	444MSD	30	30	<2	MP85813	8
Q2155-05	445	30	30	<2	N/A	9
Q2157-02	289	30	30	<2	N/A	10
Q2165-03	TRE-25-63-64	30	30	<2	N/A	11
Q2165-06	TRE-25-65-66	30	30	<2	N/A	12
Q2169-01	303-PPR-1	30	30	<2	N/A	13
Q2169-03	303-PPR-2	30	30	<2	N/A	14
Q2170-01	51925-AQ	30	30	<2	N/A	15
Q2175-06	EGR-LIQUID	30	30	<2	N/A	16
Q2177-08	EB05312025	30	30	<2	N/A	17

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: 06/02/2025 Time : 08:35 Temp : 94 °C

End Digest Date: 06/02/2025 Time : 09:05 Temp : 94 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature:

Supervisor Signature:

Temp : 1. 94°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP85820
CCV	30mL	MP85822
CRA	30mL	MP85824
Blank Spike	0.48mL	MP85813
Matrix Spike	0.48mL	MP85813

Chemical Used	ML/SAMPLE USED	Lot Number
AQUA REGIA	1.5mL	MP85826
KMnO ₄ (5%)	4.5mL	MP85241
Hydroxylamine HCL (12%)	2.0mL	MP85243
PTFE Boiling Stones	-----	M5582
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	MP85814
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP85815
2.5 ppb	S2.5	30mL	MP85816
5.0 ppb	S5.0	30mL	MP85817
7.5 ppb	S7.5	30mL	MP85818
10.0 ppb	S10.0	30mL	MP85819
ICV	ICV	30mL	MP85820
ICB	ICB	30mL	MP85821
CCV	CCV	30mL	MP85822
CCB	CCB	30mL	MP85823
CRI	CRI	30mL	MP85824
CHK STD	CHK STD	30mL	MP85825

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/2/25 9:10	AS - 1019, Lab	AS - 1019, Lab
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Comment	Prep Pos
PB168249BL	PBS249	0.55	35	NA	N/A	N/A
PB168249BS	LCS249	0.52	35	NA	MP85813	N/A
Q2175-02	52725	0.58	35	NA	N/A	N/A
Q2176-01	TP-46	0.59	35	NA	N/A	N/A
Q2176-02	TP-56	0.52	35	NA	N/A	N/A
Q2176-03	TP-25	0.54	35	NA	N/A	N/A
Q2176-04	TP-26	0.54	35	NA	N/A	N/A
Q2176-05	TP-28	0.55	35	NA	N/A	N/A
Q2176-06	TP-27	0.54	35	NA	N/A	N/A
Q2176-07	TP-31	0.52	35	NA	N/A	N/A
Q2176-08	TP-65	0.56	35	NA	N/A	N/A
Q2176-08DUP	TP-65DUP	0.58	35	NA	N/A	N/A
Q2176-08MS	TP-65MS	0.54	35	NA	MP85813	N/A
Q2176-08MSD	TP-65MSD	0.56	35	NA	MP85813	N/A
Q2177-02	B-187-SB01	0.58	35	NA	N/A	N/A
Q2177-04	B-187-SB02	0.60	35	NA	N/A	N/A
Q2177-06	B-202-SB01	0.54	35	NA	N/A	N/A
Q2185-01	TP02-MHB-WC	0.52	35	NA	N/A	N/A
Q2185-05	TP01-MHB-WC	0.50	35	NA	N/A	N/A

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: 06/03/2025 Time : 10:05 Temp : 96 °C

End Digest Date: 06/03/2025 Time : 13:10 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: *SPS*

Supervisor Signature: *[Signature]*

Temp : 1. 96°C 2. N/A

Standardized Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6007
LFS-2	0.25	M6016
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	M6158
1:1 HCL	5.00	MP85156
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#1CELL#50 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
06/03/25 14:10	<i>SPS met dig</i>	<i>[Signature]</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB168255BL	PBW255	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	24
PB168255BS	LCS255	<2	50	25	Colorless	Colorless	Clear	Clear	M6007,M6016	25
Q2169-01	303-PPR-1	<2	5	50	Brown	ligh	Cloudy	Clear	N/A	26
Q2169-03	303-PPR-2	<2	50	25	light	light	Cloudy	Clear	N/A	27
Q2169-03MS	303-PPR-2MS	<2	50	25	light	light	Cloudy	Clear	M6007,M6016	29
Q2169-03MSD	303-PPR-2MSD	<2	50	25	light	light	Cloudy	Clear	M6007,M6016	30
Q2169-03DUP	303-PPR-2DUP	<2	50	25	light	light	Cloudy	Clear	N/A	28
Q2175-06	EGR-LIQUID	<2	2	25	Green	Colorless	Cloudy	Clear	N/A	31
Q2177-08	EB05312025	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	32