

Hit Summary Sheet SW-846

SDG No.: Q2934 **Order ID:** Q2934
Client: Portal Partners Tri-Venture **Project ID:** Amtrak Sawtooth Bridges 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : ENV-SW01								
Q2934-01	ENV-SW01	Water	Aluminum	145		5.67	50.0	ug/L
Q2934-01	ENV-SW01	Water	Antimony	5.82	J	3.38	25.0	ug/L
Q2934-01	ENV-SW01	Water	Arsenic	4.22	J	2.56	10.0	ug/L
Q2934-01	ENV-SW01	Water	Barium	148		7.28	50.0	ug/L
Q2934-01	ENV-SW01	Water	Calcium	37200		117	1000	ug/L
Q2934-01	ENV-SW01	Water	Chromium	2.29	J	1.06	5.00	ug/L
Q2934-01	ENV-SW01	Water	Copper	7.23	J	2.30	10.0	ug/L
Q2934-01	ENV-SW01	Water	Iron	2180		11.7	50.0	ug/L
Q2934-01	ENV-SW01	Water	Lead	16.3		1.15	6.00	ug/L
Q2934-01	ENV-SW01	Water	Magnesium	13900		122	1000	ug/L
Q2934-01	ENV-SW01	Water	Manganese	427		2.97	10.0	ug/L
Q2934-01	ENV-SW01	Water	Nickel	7.17	J	1.53	20.0	ug/L
Q2934-01	ENV-SW01	Water	Potassium	24100		459	1000	ug/L
Q2934-01	ENV-SW01	Water	Sodium	54300		434	1000	ug/L
Q2934-01	ENV-SW01	Water	Vanadium	6.01	J	3.13	20.0	ug/L
Q2934-01	ENV-SW01	Water	Zinc	12.9	J	8.33	20.0	ug/L
Client ID : ENV-SW02								
Q2934-02	ENV-SW02	Water	Aluminum	182		5.67	50.0	ug/L
Q2934-02	ENV-SW02	Water	Antimony	6.48	J	3.38	25.0	ug/L
Q2934-02	ENV-SW02	Water	Arsenic	4.50	J	2.56	10.0	ug/L
Q2934-02	ENV-SW02	Water	Barium	169		7.28	50.0	ug/L
Q2934-02	ENV-SW02	Water	Calcium	37200		117	1000	ug/L
Q2934-02	ENV-SW02	Water	Chromium	2.47	J	1.06	5.00	ug/L
Q2934-02	ENV-SW02	Water	Copper	9.63	J	2.30	10.0	ug/L
Q2934-02	ENV-SW02	Water	Iron	2360		11.7	50.0	ug/L
Q2934-02	ENV-SW02	Water	Lead	16.5		1.15	6.00	ug/L
Q2934-02	ENV-SW02	Water	Magnesium	13500		122	1000	ug/L
Q2934-02	ENV-SW02	Water	Manganese	467		2.97	10.0	ug/L
Q2934-02	ENV-SW02	Water	Mercury	0.091	J	0.076	0.20	ug/L
Q2934-02	ENV-SW02	Water	Nickel	7.09	J	1.53	20.0	ug/L
Q2934-02	ENV-SW02	Water	Potassium	23300		459	1000	ug/L
Q2934-02	ENV-SW02	Water	Sodium	52600		434	1000	ug/L
Q2934-02	ENV-SW02	Water	Vanadium	5.44	J	3.13	20.0	ug/L
Q2934-02	ENV-SW02	Water	Zinc	14.9	J	8.33	20.0	ug/L
Client ID : ENV-SW03								
Q2934-03	ENV-SW03	Water	Aluminum	329		5.67	50.0	ug/L

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SDG No.:	Q2934	Order ID:	Q2934
Client:	Portal Partners Tri-Venture	Project ID:	Amtrak Sawtooth Bridges 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2934-03	ENV-SW03	Water	Antimony	6.29	J	3.38	25.0	ug/L
Q2934-03	ENV-SW03	Water	Arsenic	4.40	J	2.56	10.0	ug/L
Q2934-03	ENV-SW03	Water	Barium	234		7.28	50.0	ug/L
Q2934-03	ENV-SW03	Water	Calcium	39300		117	1000	ug/L
Q2934-03	ENV-SW03	Water	Chromium	4.02	J	1.06	5.00	ug/L
Q2934-03	ENV-SW03	Water	Copper	9.65	J	2.30	10.0	ug/L
Q2934-03	ENV-SW03	Water	Iron	2140		11.7	50.0	ug/L
Q2934-03	ENV-SW03	Water	Lead	18.6		1.15	6.00	ug/L
Q2934-03	ENV-SW03	Water	Magnesium	13200		122	1000	ug/L
Q2934-03	ENV-SW03	Water	Manganese	376		2.97	10.0	ug/L
Q2934-03	ENV-SW03	Water	Mercury	0.11	J	0.076	0.20	ug/L
Q2934-03	ENV-SW03	Water	Nickel	7.77	J	1.53	20.0	ug/L
Q2934-03	ENV-SW03	Water	Potassium	22800		459	1000	ug/L
Q2934-03	ENV-SW03	Water	Sodium	50400		434	1000	ug/L
Q2934-03	ENV-SW03	Water	Vanadium	6.10	J	3.13	20.0	ug/L
Q2934-03	ENV-SW03	Water	Zinc	16.6	J	8.33	20.0	ug/L

Client ID : ENV-SW04

Q2934-04	ENV-SW04	Water	Aluminum	184		5.67	50.0	ug/L
Q2934-04	ENV-SW04	Water	Antimony	3.86	J	3.38	25.0	ug/L
Q2934-04	ENV-SW04	Water	Barium	164		7.28	50.0	ug/L
Q2934-04	ENV-SW04	Water	Calcium	98700		117	1000	ug/L
Q2934-04	ENV-SW04	Water	Chromium	4.89	J	1.06	5.00	ug/L
Q2934-04	ENV-SW04	Water	Copper	2.39	J	2.30	10.0	ug/L
Q2934-04	ENV-SW04	Water	Iron	666		11.7	50.0	ug/L
Q2934-04	ENV-SW04	Water	Lead	3.11	J	1.15	6.00	ug/L
Q2934-04	ENV-SW04	Water	Magnesium	249000		122	1000	ug/L
Q2934-04	ENV-SW04	Water	Manganese	194		2.97	10.0	ug/L
Q2934-04	ENV-SW04	Water	Mercury	0.14	J	0.076	0.20	ug/L
Q2934-04	ENV-SW04	Water	Nickel	4.89	J	1.53	20.0	ug/L
Q2934-04	ENV-SW04	Water	Potassium	145000		459	1000	ug/L
Q2934-04	ENV-SW04	Water	Sodium	2260000	D	868	2000	ug/L
Q2934-04	ENV-SW04	Water	Vanadium	7.19	J	3.13	20.0	ug/L
Q2934-04	ENV-SW04	Water	Zinc	11.9	J	8.33	20.0	ug/L



SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	08/21/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	08/21/25
Client Sample ID:	ENV-SW01	SDG No.:	Q2934
Lab Sample ID:	Q2934-01	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	145		1	5.67	50.0	ug/L	08/22/25 10:30	08/22/25 15:03	6010D	SW3010
7440-36-0	Antimony	5.82	J	1	3.38	25.0	ug/L	08/22/25 10:30	08/22/25 15:03	6010D	SW3010
7440-38-2	Arsenic	4.22	J	1	2.56	10.0	ug/L	08/22/25 10:30	08/22/25 15:03	6010D	SW3010
7440-39-3	Barium	148		1	7.28	50.0	ug/L	08/22/25 10:30	08/22/25 15:03	6010D	SW3010
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	08/22/25 10:30	08/22/25 15:03	6010D	SW3010
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	08/22/25 10:30	08/22/25 15:03	6010D	SW3010
7440-70-2	Calcium	37200		1	117	1000	ug/L	08/22/25 10:30	08/22/25 15:03	6010D	SW3010
7440-47-3	Chromium	2.29	J	1	1.06	5.00	ug/L	08/22/25 10:30	08/22/25 15:03	6010D	SW3010
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	08/22/25 10:30	08/22/25 15:03	6010D	SW3010
7440-50-8	Copper	7.23	J	1	2.30	10.0	ug/L	08/22/25 10:30	08/22/25 15:03	6010D	SW3010
7439-89-6	Iron	2180		1	11.7	50.0	ug/L	08/22/25 10:30	08/22/25 15:03	6010D	SW3010
7439-92-1	Lead	16.3		1	1.15	6.00	ug/L	08/22/25 10:30	08/22/25 15:03	6010D	SW3010
7439-95-4	Magnesium	13900		1	122	1000	ug/L	08/22/25 10:30	08/22/25 15:03	6010D	SW3010
7439-96-5	Manganese	427		1	2.97	10.0	ug/L	08/22/25 10:30	08/22/25 15:03	6010D	SW3010
7439-97-6	Mercury	0.076	U	1	0.076	0.20	ug/L	08/26/25 15:05	08/27/25 10:24	7470A	
7440-02-0	Nickel	7.17	J	1	1.53	20.0	ug/L	08/22/25 10:30	08/22/25 15:03	6010D	SW3010
7440-09-7	Potassium	24100		1	459	1000	ug/L	08/22/25 10:30	08/22/25 15:03	6010D	SW3010
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	08/22/25 10:30	08/22/25 15:03	6010D	SW3010
7440-22-4	Silver	0.81	UN*	1	0.81	5.00	ug/L	08/22/25 10:30	08/22/25 15:03	6010D	SW3010
7440-23-5	Sodium	54300		1	434	1000	ug/L	08/22/25 10:30	08/22/25 15:03	6010D	SW3010
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	08/22/25 10:30	08/22/25 15:03	6010D	SW3010
7440-62-2	Vanadium	6.01	J	1	3.13	20.0	ug/L	08/22/25 10:30	08/22/25 15:03	6010D	SW3010
7440-66-6	Zinc	12.9	J	1	8.33	20.0	ug/L	08/22/25 10:30	08/22/25 15:03	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

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	08/21/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	08/21/25
Client Sample ID:	ENV-SW02	SDG No.:	Q2934
Lab Sample ID:	Q2934-02	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	182		1	5.67	50.0	ug/L	08/22/25 10:30	08/25/25 13:22	6010D	SW3010
7440-36-0	Antimony	6.48	J	1	3.38	25.0	ug/L	08/22/25 10:30	08/25/25 13:22	6010D	SW3010
7440-38-2	Arsenic	4.50	J	1	2.56	10.0	ug/L	08/22/25 10:30	08/25/25 13:22	6010D	SW3010
7440-39-3	Barium	169		1	7.28	50.0	ug/L	08/22/25 10:30	08/25/25 13:22	6010D	SW3010
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	08/22/25 10:30	08/25/25 13:22	6010D	SW3010
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	08/22/25 10:30	08/25/25 13:22	6010D	SW3010
7440-70-2	Calcium	37200		1	117	1000	ug/L	08/22/25 10:30	08/25/25 13:22	6010D	SW3010
7440-47-3	Chromium	2.47	J	1	1.06	5.00	ug/L	08/22/25 10:30	08/25/25 13:22	6010D	SW3010
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	08/22/25 10:30	08/25/25 13:22	6010D	SW3010
7440-50-8	Copper	9.63	J	1	2.30	10.0	ug/L	08/22/25 10:30	08/25/25 13:22	6010D	SW3010
7439-89-6	Iron	2360		1	11.7	50.0	ug/L	08/22/25 10:30	08/25/25 13:22	6010D	SW3010
7439-92-1	Lead	16.5		1	1.15	6.00	ug/L	08/22/25 10:30	08/25/25 13:22	6010D	SW3010
7439-95-4	Magnesium	13500		1	122	1000	ug/L	08/22/25 10:30	08/25/25 13:22	6010D	SW3010
7439-96-5	Manganese	467		1	2.97	10.0	ug/L	08/22/25 10:30	08/25/25 13:22	6010D	SW3010
7439-97-6	Mercury	0.091	J	1	0.076	0.20	ug/L	08/26/25 15:05	08/27/25 10:26	7470A	
7440-02-0	Nickel	7.09	J	1	1.53	20.0	ug/L	08/22/25 10:30	08/25/25 13:22	6010D	SW3010
7440-09-7	Potassium	23300		1	459	1000	ug/L	08/22/25 10:30	08/25/25 13:22	6010D	SW3010
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	08/22/25 10:30	08/25/25 13:22	6010D	SW3010
7440-22-4	Silver	0.81	UN*	1	0.81	5.00	ug/L	08/22/25 10:30	08/25/25 13:22	6010D	SW3010
7440-23-5	Sodium	52600		1	434	1000	ug/L	08/22/25 10:30	08/25/25 13:22	6010D	SW3010
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	08/22/25 10:30	08/25/25 13:22	6010D	SW3010
7440-62-2	Vanadium	5.44	J	1	3.13	20.0	ug/L	08/22/25 10:30	08/25/25 13:22	6010D	SW3010
7440-66-6	Zinc	14.9	J	1	8.33	20.0	ug/L	08/22/25 10:30	08/25/25 13:22	6010D	SW3010

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	08/21/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	08/21/25
Client Sample ID:	ENV-SW03	SDG No.:	Q2934
Lab Sample ID:	Q2934-03	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	329		1	5.67	50.0	ug/L	08/22/25 10:30	08/22/25 15:07	6010D	SW3010
7440-36-0	Antimony	6.29	J	1	3.38	25.0	ug/L	08/22/25 10:30	08/22/25 15:07	6010D	SW3010
7440-38-2	Arsenic	4.40	J	1	2.56	10.0	ug/L	08/22/25 10:30	08/22/25 15:07	6010D	SW3010
7440-39-3	Barium	234		1	7.28	50.0	ug/L	08/22/25 10:30	08/22/25 15:07	6010D	SW3010
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	08/22/25 10:30	08/22/25 15:07	6010D	SW3010
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	08/22/25 10:30	08/22/25 15:07	6010D	SW3010
7440-70-2	Calcium	39300		1	117	1000	ug/L	08/22/25 10:30	08/22/25 15:07	6010D	SW3010
7440-47-3	Chromium	4.02	J	1	1.06	5.00	ug/L	08/22/25 10:30	08/22/25 15:07	6010D	SW3010
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	08/22/25 10:30	08/22/25 15:07	6010D	SW3010
7440-50-8	Copper	9.65	J	1	2.30	10.0	ug/L	08/22/25 10:30	08/22/25 15:07	6010D	SW3010
7439-89-6	Iron	2140		1	11.7	50.0	ug/L	08/22/25 10:30	08/22/25 15:07	6010D	SW3010
7439-92-1	Lead	18.6		1	1.15	6.00	ug/L	08/22/25 10:30	08/22/25 15:07	6010D	SW3010
7439-95-4	Magnesium	13200		1	122	1000	ug/L	08/22/25 10:30	08/22/25 15:07	6010D	SW3010
7439-96-5	Manganese	376		1	2.97	10.0	ug/L	08/22/25 10:30	08/22/25 15:07	6010D	SW3010
7439-97-6	Mercury	0.11	J	1	0.076	0.20	ug/L	08/26/25 15:05	08/27/25 10:28	7470A	
7440-02-0	Nickel	7.77	J	1	1.53	20.0	ug/L	08/22/25 10:30	08/22/25 15:07	6010D	SW3010
7440-09-7	Potassium	22800		1	459	1000	ug/L	08/22/25 10:30	08/22/25 15:07	6010D	SW3010
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	08/22/25 10:30	08/22/25 15:07	6010D	SW3010
7440-22-4	Silver	0.81	UN*	1	0.81	5.00	ug/L	08/22/25 10:30	08/22/25 15:07	6010D	SW3010
7440-23-5	Sodium	50400		1	434	1000	ug/L	08/22/25 10:30	08/22/25 15:07	6010D	SW3010
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	08/22/25 10:30	08/22/25 15:07	6010D	SW3010
7440-62-2	Vanadium	6.10	J	1	3.13	20.0	ug/L	08/22/25 10:30	08/22/25 15:07	6010D	SW3010
7440-66-6	Zinc	16.6	J	1	8.33	20.0	ug/L	08/22/25 10:30	08/22/25 15:07	6010D	SW3010

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	08/21/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	08/21/25
Client Sample ID:	ENV-SW04	SDG No.:	Q2934
Lab Sample ID:	Q2934-04	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	184		1	5.67	50.0	ug/L	08/22/25 10:30	08/22/25 15:26	6010D	SW3010
7440-36-0	Antimony	3.86	J	1	3.38	25.0	ug/L	08/22/25 10:30	08/22/25 15:26	6010D	SW3010
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	08/22/25 10:30	08/22/25 15:26	6010D	SW3010
7440-39-3	Barium	164		1	7.28	50.0	ug/L	08/22/25 10:30	08/22/25 15:26	6010D	SW3010
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	08/22/25 10:30	08/22/25 15:26	6010D	SW3010
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	08/22/25 10:30	08/22/25 15:26	6010D	SW3010
7440-70-2	Calcium	98700		1	117	1000	ug/L	08/22/25 10:30	08/22/25 15:26	6010D	SW3010
7440-47-3	Chromium	4.89	J	1	1.06	5.00	ug/L	08/22/25 10:30	08/22/25 15:26	6010D	SW3010
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	08/22/25 10:30	08/22/25 15:26	6010D	SW3010
7440-50-8	Copper	2.39	J	1	2.30	10.0	ug/L	08/22/25 10:30	08/22/25 15:26	6010D	SW3010
7439-89-6	Iron	666		1	11.7	50.0	ug/L	08/22/25 10:30	08/22/25 15:26	6010D	SW3010
7439-92-1	Lead	3.11	J	1	1.15	6.00	ug/L	08/22/25 10:30	08/22/25 15:26	6010D	SW3010
7439-95-4	Magnesium	249000		1	122	1000	ug/L	08/22/25 10:30	08/22/25 15:26	6010D	SW3010
7439-96-5	Manganese	194		1	2.97	10.0	ug/L	08/22/25 10:30	08/22/25 15:26	6010D	SW3010
7439-97-6	Mercury	0.14	J	1	0.076	0.20	ug/L	08/26/25 15:05	08/27/25 10:30	7470A	
7440-02-0	Nickel	4.89	J	1	1.53	20.0	ug/L	08/22/25 10:30	08/22/25 15:26	6010D	SW3010
7440-09-7	Potassium	145000		1	459	1000	ug/L	08/22/25 10:30	08/22/25 15:26	6010D	SW3010
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	08/22/25 10:30	08/22/25 15:26	6010D	SW3010
7440-22-4	Silver	0.81	UN*1		0.81	5.00	ug/L	08/22/25 10:30	08/22/25 15:26	6010D	SW3010
7440-23-5	Sodium	2260000	D	2	868	2000	ug/L	08/22/25 10:30	08/25/25 13:17	6010D	SW3010
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	08/22/25 10:30	08/22/25 15:26	6010D	SW3010
7440-62-2	Vanadium	7.19	J	1	3.13	20.0	ug/L	08/22/25 10:30	08/22/25 15:26	6010D	SW3010
7440-66-6	Zinc	11.9	J	1	8.33	20.0	ug/L	08/22/25 10:30	08/22/25 15:26	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

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture

SDG No.: Q2934

Contract: PORT06

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB07	Mercury	0.076	+/-0.2	U	0.20	CV	08/27/2025	10:05	LB136975

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture

SDG No.: Q2934

Contract: PORT06

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB18	Mercury	0.076	+/-0.2	U	0.20	CV	08/27/2025	10:09	LB136975
CCB19	Mercury	0.076	+/-0.2	U	0.20	CV	08/27/2025	10:37	LB136975
CCB20	Mercury	0.076	+/-0.2	U	0.20	CV	08/27/2025	11:35	LB136975

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2934
Contract: PORT06 **Lab Code:** ACE

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	08/22/2025	11:50	LB136940
	Antimony	6.76	+/-25	U	50.0	P	08/22/2025	11:50	LB136940
	Arsenic	5.12	+/-10	U	20.0	P	08/22/2025	11:50	LB136940
	Barium	14.6	+/-50	U	100	P	08/22/2025	11:50	LB136940
	Beryllium	0.56	+/-3	U	6.00	P	08/22/2025	11:50	LB136940
	Cadmium	0.50	+/-3	U	6.00	P	08/22/2025	11:50	LB136940
	Calcium	234	+/-1000	U	2000	P	08/22/2025	11:50	LB136940
	Chromium	2.12	+/-5	U	10.0	P	08/22/2025	11:50	LB136940
	Cobalt	2.26	+/-15	U	30.0	P	08/22/2025	11:50	LB136940
	Copper	4.60	+/-10	U	20.0	P	08/22/2025	11:50	LB136940
	Iron	23.4	+/-50	U	100	P	08/22/2025	11:50	LB136940
	Lead	2.30	+/-6	U	12.0	P	08/22/2025	11:50	LB136940
	Magnesium	244	+/-1000	U	2000	P	08/22/2025	11:50	LB136940
	Manganese	5.94	+/-10	U	20.0	P	08/22/2025	11:50	LB136940
	Nickel	3.06	+/-20	U	40.0	P	08/22/2025	11:50	LB136940
	Potassium	918	+/-1000	U	2000	P	08/22/2025	11:50	LB136940
	Selenium	9.64	+/-10	U	20.0	P	08/22/2025	11:50	LB136940
	Silver	1.62	+/-5	U	10.0	P	08/22/2025	11:50	LB136940
	Sodium	868	+/-1000	U	2000	P	08/22/2025	11:50	LB136940
	Thallium	4.38	+/-20	U	40.0	P	08/22/2025	11:50	LB136940
	Vanadium	6.26	+/-20	U	40.0	P	08/22/2025	11:50	LB136940
	Zinc	16.7	+/-20	U	40.0	P	08/22/2025	11:50	LB136940

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2934
Contract: PORT06 **Lab Code:** ACE

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	08/22/2025	12:22	LB136940
	Antimony	6.76	+/-25	U	50.0	P	08/22/2025	12:22	LB136940
	Arsenic	5.12	+/-10	U	20.0	P	08/22/2025	12:22	LB136940
	Barium	14.6	+/-50	U	100	P	08/22/2025	12:22	LB136940
	Beryllium	0.56	+/-3	U	6.00	P	08/22/2025	12:22	LB136940
	Cadmium	0.50	+/-3	U	6.00	P	08/22/2025	12:22	LB136940
	Calcium	234	+/-1000	U	2000	P	08/22/2025	12:22	LB136940
	Chromium	2.12	+/-5	U	10.0	P	08/22/2025	12:22	LB136940
	Cobalt	2.26	+/-15	U	30.0	P	08/22/2025	12:22	LB136940
	Copper	4.60	+/-10	U	20.0	P	08/22/2025	12:22	LB136940
	Iron	23.4	+/-50	U	100	P	08/22/2025	12:22	LB136940
	Lead	2.30	+/-6	U	12.0	P	08/22/2025	12:22	LB136940
	Magnesium	244	+/-1000	U	2000	P	08/22/2025	12:22	LB136940
	Manganese	5.94	+/-10	U	20.0	P	08/22/2025	12:22	LB136940
	Nickel	3.06	+/-20	U	40.0	P	08/22/2025	12:22	LB136940
	Potassium	918	+/-1000	U	2000	P	08/22/2025	12:22	LB136940
	Selenium	9.64	+/-10	U	20.0	P	08/22/2025	12:22	LB136940
	Silver	1.62	+/-5	U	10.0	P	08/22/2025	12:22	LB136940
	Sodium	868	+/-1000	U	2000	P	08/22/2025	12:22	LB136940
	Thallium	4.38	+/-20	U	40.0	P	08/22/2025	12:22	LB136940
	Vanadium	6.26	+/-20	U	40.0	P	08/22/2025	12:22	LB136940
	Zinc	16.7	+/-20	U	40.0	P	08/22/2025	12:22	LB136940
CCB02	Aluminum	14.6	+/-50	J	100	P	08/22/2025	13:40	LB136940
	Antimony	6.76	+/-25	U	50.0	P	08/22/2025	13:40	LB136940
	Arsenic	5.12	+/-10	U	20.0	P	08/22/2025	13:40	LB136940
	Barium	14.6	+/-50	U	100	P	08/22/2025	13:40	LB136940
	Beryllium	0.56	+/-3	U	6.00	P	08/22/2025	13:40	LB136940
	Cadmium	0.50	+/-3	U	6.00	P	08/22/2025	13:40	LB136940
	Calcium	234	+/-1000	U	2000	P	08/22/2025	13:40	LB136940
	Chromium	2.12	+/-5	U	10.0	P	08/22/2025	13:40	LB136940
	Cobalt	2.26	+/-15	U	30.0	P	08/22/2025	13:40	LB136940
	Copper	4.60	+/-10	U	20.0	P	08/22/2025	13:40	LB136940
	Iron	23.4	+/-50	U	100	P	08/22/2025	13:40	LB136940
	Lead	2.30	+/-6	U	12.0	P	08/22/2025	13:40	LB136940
	Magnesium	244	+/-1000	U	2000	P	08/22/2025	13:40	LB136940
	Manganese	5.94	+/-10	U	20.0	P	08/22/2025	13:40	LB136940
	Nickel	3.06	+/-20	U	40.0	P	08/22/2025	13:40	LB136940
	Potassium	918	+/-1000	U	2000	P	08/22/2025	13:40	LB136940
	Selenium	9.64	+/-10	U	20.0	P	08/22/2025	13:40	LB136940

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2934
Contract: PORT06 **Lab Code:** ACE

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	08/22/2025	13:40	LB136940
	Sodium	868	+/-1000	U	2000	P	08/22/2025	13:40	LB136940
	Thallium	4.38	+/-20	U	40.0	P	08/22/2025	13:40	LB136940
	Vanadium	6.26	+/-20	U	40.0	P	08/22/2025	13:40	LB136940
	Zinc	16.7	+/-20	U	40.0	P	08/22/2025	13:40	LB136940
CCB03	Aluminum	11.3	+/-50	U	100	P	08/22/2025	14:30	LB136940
	Antimony	6.76	+/-25	U	50.0	P	08/22/2025	14:30	LB136940
	Arsenic	5.12	+/-10	U	20.0	P	08/22/2025	14:30	LB136940
	Barium	14.6	+/-50	U	100	P	08/22/2025	14:30	LB136940
	Beryllium	0.56	+/-3	U	6.00	P	08/22/2025	14:30	LB136940
	Cadmium	0.50	+/-3	U	6.00	P	08/22/2025	14:30	LB136940
	Calcium	234	+/-1000	U	2000	P	08/22/2025	14:30	LB136940
	Chromium	2.12	+/-5	U	10.0	P	08/22/2025	14:30	LB136940
	Cobalt	2.26	+/-15	U	30.0	P	08/22/2025	14:30	LB136940
	Copper	4.60	+/-10	U	20.0	P	08/22/2025	14:30	LB136940
	Iron	23.4	+/-50	U	100	P	08/22/2025	14:30	LB136940
	Lead	2.30	+/-6	U	12.0	P	08/22/2025	14:30	LB136940
	Magnesium	244	+/-1000	U	2000	P	08/22/2025	14:30	LB136940
	Manganese	5.94	+/-10	U	20.0	P	08/22/2025	14:30	LB136940
	Nickel	3.06	+/-20	U	40.0	P	08/22/2025	14:30	LB136940
	Potassium	918	+/-1000	U	2000	P	08/22/2025	14:30	LB136940
	Selenium	9.64	+/-10	U	20.0	P	08/22/2025	14:30	LB136940
	Silver	1.62	+/-5	U	10.0	P	08/22/2025	14:30	LB136940
	Sodium	868	+/-1000	U	2000	P	08/22/2025	14:30	LB136940
	Thallium	4.38	+/-20	U	40.0	P	08/22/2025	14:30	LB136940
	Vanadium	6.26	+/-20	U	40.0	P	08/22/2025	14:30	LB136940
	Zinc	16.7	+/-20	U	40.0	P	08/22/2025	14:30	LB136940
CCB04	Aluminum	14.9	+/-50	J	100	P	08/22/2025	15:48	LB136940
	Antimony	6.76	+/-25	U	50.0	P	08/22/2025	15:48	LB136940
	Arsenic	5.12	+/-10	U	20.0	P	08/22/2025	15:48	LB136940
	Barium	14.6	+/-50	U	100	P	08/22/2025	15:48	LB136940
	Beryllium	0.56	+/-3	U	6.00	P	08/22/2025	15:48	LB136940
	Cadmium	0.50	+/-3	U	6.00	P	08/22/2025	15:48	LB136940
	Calcium	234	+/-1000	U	2000	P	08/22/2025	15:48	LB136940
	Chromium	2.12	+/-5	U	10.0	P	08/22/2025	15:48	LB136940
	Cobalt	2.26	+/-15	U	30.0	P	08/22/2025	15:48	LB136940
	Copper	4.60	+/-10	U	20.0	P	08/22/2025	15:48	LB136940
	Iron	23.4	+/-50	U	100	P	08/22/2025	15:48	LB136940
	Lead	2.30	+/-6	U	12.0	P	08/22/2025	15:48	LB136940

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture

SDG No.: Q2934

Contract: PORT06

Lab Code: ACE

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	08/22/2025	15:48	LB136940
	Manganese	5.94	+/-10	U	20.0	P	08/22/2025	15:48	LB136940
	Nickel	3.06	+/-20	U	40.0	P	08/22/2025	15:48	LB136940
	Potassium	918	+/-1000	U	2000	P	08/22/2025	15:48	LB136940
	Selenium	9.64	+/-10	U	20.0	P	08/22/2025	15:48	LB136940
	Silver	1.62	+/-5	U	10.0	P	08/22/2025	15:48	LB136940
	Sodium	868	+/-1000	U	2000	P	08/22/2025	15:48	LB136940
	Thallium	4.38	+/-20	U	40.0	P	08/22/2025	15:48	LB136940
	Vanadium	6.26	+/-20	U	40.0	P	08/22/2025	15:48	LB136940
	Zinc	16.7	+/-20	U	40.0	P	08/22/2025	15:48	LB136940
CCB05	Aluminum	18.3	+/-50	J	100	P	08/22/2025	16:34	LB136940
	Antimony	6.76	+/-25	U	50.0	P	08/22/2025	16:34	LB136940
	Arsenic	5.12	+/-10	U	20.0	P	08/22/2025	16:34	LB136940
	Barium	14.6	+/-50	U	100	P	08/22/2025	16:34	LB136940
	Beryllium	0.56	+/-3	U	6.00	P	08/22/2025	16:34	LB136940
	Cadmium	0.50	+/-3	U	6.00	P	08/22/2025	16:34	LB136940
	Calcium	234	+/-1000	U	2000	P	08/22/2025	16:34	LB136940
	Chromium	2.12	+/-5	U	10.0	P	08/22/2025	16:34	LB136940
	Cobalt	2.26	+/-15	U	30.0	P	08/22/2025	16:34	LB136940
	Copper	4.60	+/-10	U	20.0	P	08/22/2025	16:34	LB136940
	Iron	23.4	+/-50	U	100	P	08/22/2025	16:34	LB136940
	Lead	2.30	+/-6	U	12.0	P	08/22/2025	16:34	LB136940
	Magnesium	244	+/-1000	U	2000	P	08/22/2025	16:34	LB136940
	Manganese	5.94	+/-10	U	20.0	P	08/22/2025	16:34	LB136940
	Nickel	3.06	+/-20	U	40.0	P	08/22/2025	16:34	LB136940
	Potassium	918	+/-1000	U	2000	P	08/22/2025	16:34	LB136940
	Selenium	9.64	+/-10	U	20.0	P	08/22/2025	16:34	LB136940
	Silver	1.62	+/-5	U	10.0	P	08/22/2025	16:34	LB136940
	Sodium	868	+/-1000	U	2000	P	08/22/2025	16:34	LB136940
	Thallium	4.38	+/-20	U	40.0	P	08/22/2025	16:34	LB136940
	Vanadium	6.26	+/-20	U	40.0	P	08/22/2025	16:34	LB136940
	Zinc	16.7	+/-20	U	40.0	P	08/22/2025	16:34	LB136940

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture

SDG No.: Q2934

Contract: PORT06

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	23.0	+/-50	J	100	P	08/25/2025	11:53	LB136951
	Antimony	6.76	+/-25	U	50.0	P	08/25/2025	11:53	LB136951
	Arsenic	5.12	+/-10	U	20.0	P	08/25/2025	11:53	LB136951
	Barium	14.6	+/-50	U	100	P	08/25/2025	11:53	LB136951
	Beryllium	0.56	+/-3	U	6.00	P	08/25/2025	11:53	LB136951
	Cadmium	0.50	+/-3	U	6.00	P	08/25/2025	11:53	LB136951
	Calcium	234	+/-1000	U	2000	P	08/25/2025	11:53	LB136951
	Chromium	2.12	+/-5	U	10.0	P	08/25/2025	11:53	LB136951
	Cobalt	2.26	+/-15	U	30.0	P	08/25/2025	11:53	LB136951
	Copper	4.60	+/-10	U	20.0	P	08/25/2025	11:53	LB136951
	Iron	23.4	+/-50	U	100	P	08/25/2025	11:53	LB136951
	Lead	2.30	+/-6	U	12.0	P	08/25/2025	11:53	LB136951
	Magnesium	244	+/-1000	U	2000	P	08/25/2025	11:53	LB136951
	Manganese	5.94	+/-10	U	20.0	P	08/25/2025	11:53	LB136951
	Nickel	3.06	+/-20	U	40.0	P	08/25/2025	11:53	LB136951
	Potassium	918	+/-1000	U	2000	P	08/25/2025	11:53	LB136951
	Selenium	9.64	+/-10	U	20.0	P	08/25/2025	11:53	LB136951
	Silver	1.62	+/-5	U	10.0	P	08/25/2025	11:53	LB136951
	Sodium	868	+/-1000	U	2000	P	08/25/2025	11:53	LB136951
	Thallium	4.38	+/-20	U	40.0	P	08/25/2025	11:53	LB136951
	Vanadium	6.26	+/-20	U	40.0	P	08/25/2025	11:53	LB136951
	Zinc	16.7	+/-20	U	40.0	P	08/25/2025	11:53	LB136951

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture

SDG No.: Q2934

Contract: PORT06

Lab Code: ACE

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	08/25/2025	12:42	LB136951
	Antimony	6.76	+/-25	U	50.0	P	08/25/2025	12:42	LB136951
	Arsenic	5.12	+/-10	U	20.0	P	08/25/2025	12:42	LB136951
	Barium	14.6	+/-50	U	100	P	08/25/2025	12:42	LB136951
	Beryllium	0.56	+/-3	U	6.00	P	08/25/2025	12:42	LB136951
	Cadmium	0.50	+/-3	U	6.00	P	08/25/2025	12:42	LB136951
	Calcium	234	+/-1000	U	2000	P	08/25/2025	12:42	LB136951
	Chromium	2.12	+/-5	U	10.0	P	08/25/2025	12:42	LB136951
	Cobalt	2.26	+/-15	U	30.0	P	08/25/2025	12:42	LB136951
	Copper	4.60	+/-10	U	20.0	P	08/25/2025	12:42	LB136951
	Iron	23.4	+/-50	U	100	P	08/25/2025	12:42	LB136951
	Lead	2.30	+/-6	U	12.0	P	08/25/2025	12:42	LB136951
	Magnesium	244	+/-1000	U	2000	P	08/25/2025	12:42	LB136951
	Manganese	5.94	+/-10	U	20.0	P	08/25/2025	12:42	LB136951
	Nickel	3.06	+/-20	U	40.0	P	08/25/2025	12:42	LB136951
	Potassium	918	+/-1000	U	2000	P	08/25/2025	12:42	LB136951
	Selenium	9.64	+/-10	U	20.0	P	08/25/2025	12:42	LB136951
	Silver	1.62	+/-5	U	10.0	P	08/25/2025	12:42	LB136951
	Sodium	868	+/-1000	U	2000	P	08/25/2025	12:42	LB136951
	Thallium	4.38	+/-20	U	40.0	P	08/25/2025	12:42	LB136951
	Vanadium	6.26	+/-20	U	40.0	P	08/25/2025	12:42	LB136951
	Zinc	16.7	+/-20	U	40.0	P	08/25/2025	12:42	LB136951
CCB02	Aluminum	11.3	+/-50	U	100	P	08/25/2025	13:48	LB136951
	Antimony	6.76	+/-25	U	50.0	P	08/25/2025	13:48	LB136951
	Arsenic	5.12	+/-10	U	20.0	P	08/25/2025	13:48	LB136951
	Barium	14.6	+/-50	U	100	P	08/25/2025	13:48	LB136951
	Beryllium	0.56	+/-3	U	6.00	P	08/25/2025	13:48	LB136951
	Cadmium	0.50	+/-3	U	6.00	P	08/25/2025	13:48	LB136951
	Calcium	234	+/-1000	U	2000	P	08/25/2025	13:48	LB136951
	Chromium	2.12	+/-5	U	10.0	P	08/25/2025	13:48	LB136951
	Cobalt	2.26	+/-15	U	30.0	P	08/25/2025	13:48	LB136951
	Copper	4.60	+/-10	U	20.0	P	08/25/2025	13:48	LB136951
	Iron	23.4	+/-50	U	100	P	08/25/2025	13:48	LB136951
	Lead	2.30	+/-6	U	12.0	P	08/25/2025	13:48	LB136951
	Magnesium	244	+/-1000	U	2000	P	08/25/2025	13:48	LB136951
	Manganese	5.94	+/-10	U	20.0	P	08/25/2025	13:48	LB136951
	Nickel	3.06	+/-20	U	40.0	P	08/25/2025	13:48	LB136951
	Potassium	918	+/-1000	U	2000	P	08/25/2025	13:48	LB136951
	Selenium	9.64	+/-10	U	20.0	P	08/25/2025	13:48	LB136951

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2934
Contract: PORT06 **Lab Code:** ACE

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	08/25/2025	13:48	LB136951
	Sodium	868	+/-1000	U	2000	P	08/25/2025	13:48	LB136951
	Thallium	4.38	+/-20	U	40.0	P	08/25/2025	13:48	LB136951
	Vanadium	6.26	+/-20	U	40.0	P	08/25/2025	13:48	LB136951
	Zinc	16.7	+/-20	U	40.0	P	08/25/2025	13:48	LB136951
CCB03	Aluminum	11.3	+/-50	U	100	P	08/25/2025	14:37	LB136951
	Antimony	6.76	+/-25	U	50.0	P	08/25/2025	14:37	LB136951
	Arsenic	5.12	+/-10	U	20.0	P	08/25/2025	14:37	LB136951
	Barium	14.6	+/-50	U	100	P	08/25/2025	14:37	LB136951
	Beryllium	0.56	+/-3	U	6.00	P	08/25/2025	14:37	LB136951
	Cadmium	0.50	+/-3	U	6.00	P	08/25/2025	14:37	LB136951
	Calcium	234	+/-1000	U	2000	P	08/25/2025	14:37	LB136951
	Chromium	2.12	+/-5	U	10.0	P	08/25/2025	14:37	LB136951
	Cobalt	2.26	+/-15	U	30.0	P	08/25/2025	14:37	LB136951
	Copper	4.60	+/-10	U	20.0	P	08/25/2025	14:37	LB136951
	Iron	23.4	+/-50	U	100	P	08/25/2025	14:37	LB136951
	Lead	2.30	+/-6	U	12.0	P	08/25/2025	14:37	LB136951
	Magnesium	244	+/-1000	U	2000	P	08/25/2025	14:37	LB136951
	Manganese	5.94	+/-10	U	20.0	P	08/25/2025	14:37	LB136951
	Nickel	3.06	+/-20	U	40.0	P	08/25/2025	14:37	LB136951
	Potassium	918	+/-1000	U	2000	P	08/25/2025	14:37	LB136951
	Selenium	9.64	+/-10	U	20.0	P	08/25/2025	14:37	LB136951
	Silver	1.62	+/-5	U	10.0	P	08/25/2025	14:37	LB136951
	Sodium	868	+/-1000	U	2000	P	08/25/2025	14:37	LB136951
	Thallium	4.38	+/-20	U	40.0	P	08/25/2025	14:37	LB136951
	Vanadium	6.26	+/-20	U	40.0	P	08/25/2025	14:37	LB136951
	Zinc	16.7	+/-20	U	40.0	P	08/25/2025	14:37	LB136951
CCB04	Aluminum	11.3	+/-50	U	100	P	08/25/2025	15:27	LB136951
	Antimony	6.76	+/-25	U	50.0	P	08/25/2025	15:27	LB136951
	Arsenic	5.12	+/-10	U	20.0	P	08/25/2025	15:27	LB136951
	Barium	14.6	+/-50	U	100	P	08/25/2025	15:27	LB136951
	Beryllium	0.56	+/-3	U	6.00	P	08/25/2025	15:27	LB136951
	Cadmium	0.50	+/-3	U	6.00	P	08/25/2025	15:27	LB136951
	Calcium	234	+/-1000	U	2000	P	08/25/2025	15:27	LB136951
	Chromium	2.12	+/-5	U	10.0	P	08/25/2025	15:27	LB136951
	Cobalt	2.26	+/-15	U	30.0	P	08/25/2025	15:27	LB136951
	Copper	4.60	+/-10	U	20.0	P	08/25/2025	15:27	LB136951
	Iron	23.4	+/-50	U	100	P	08/25/2025	15:27	LB136951
	Lead	2.30	+/-6	U	12.0	P	08/25/2025	15:27	LB136951

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture

SDG No.: Q2934

Contract: PORT06

Lab Code: ACE

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	08/25/2025	15:27	LB136951
	Manganese	5.94	+/-10	U	20.0	P	08/25/2025	15:27	LB136951
	Nickel	3.06	+/-20	U	40.0	P	08/25/2025	15:27	LB136951
	Potassium	918	+/-1000	U	2000	P	08/25/2025	15:27	LB136951
	Selenium	9.64	+/-10	U	20.0	P	08/25/2025	15:27	LB136951
	Silver	1.62	+/-5	U	10.0	P	08/25/2025	15:27	LB136951
	Sodium	868	+/-1000	U	2000	P	08/25/2025	15:27	LB136951
	Thallium	4.38	+/-20	U	40.0	P	08/25/2025	15:27	LB136951
	Vanadium	6.26	+/-20	U	40.0	P	08/25/2025	15:27	LB136951
	Zinc	16.7	+/-20	U	40.0	P	08/25/2025	15:27	LB136951
CCB05	Aluminum	11.3	+/-50	U	100	P	08/25/2025	16:10	LB136951
	Antimony	6.76	+/-25	U	50.0	P	08/25/2025	16:10	LB136951
	Arsenic	5.12	+/-10	U	20.0	P	08/25/2025	16:10	LB136951
	Barium	14.6	+/-50	U	100	P	08/25/2025	16:10	LB136951
	Beryllium	0.56	+/-3	U	6.00	P	08/25/2025	16:10	LB136951
	Cadmium	0.50	+/-3	U	6.00	P	08/25/2025	16:10	LB136951
	Calcium	234	+/-1000	U	2000	P	08/25/2025	16:10	LB136951
	Chromium	2.12	+/-5	U	10.0	P	08/25/2025	16:10	LB136951
	Cobalt	2.26	+/-15	U	30.0	P	08/25/2025	16:10	LB136951
	Copper	4.60	+/-10	U	20.0	P	08/25/2025	16:10	LB136951
	Iron	23.4	+/-50	U	100	P	08/25/2025	16:10	LB136951
	Lead	2.30	+/-6	U	12.0	P	08/25/2025	16:10	LB136951
	Magnesium	244	+/-1000	U	2000	P	08/25/2025	16:10	LB136951
	Manganese	5.94	+/-10	U	20.0	P	08/25/2025	16:10	LB136951
	Nickel	3.06	+/-20	U	40.0	P	08/25/2025	16:10	LB136951
	Potassium	918	+/-1000	U	2000	P	08/25/2025	16:10	LB136951
	Selenium	9.64	+/-10	U	20.0	P	08/25/2025	16:10	LB136951
	Silver	1.62	+/-5	U	10.0	P	08/25/2025	16:10	LB136951
	Sodium	868	+/-1000	U	2000	P	08/25/2025	16:10	LB136951
	Thallium	4.38	+/-20	U	40.0	P	08/25/2025	16:10	LB136951
	Vanadium	6.26	+/-20	U	40.0	P	08/25/2025	16:10	LB136951
	Zinc	16.7	+/-20	U	40.0	P	08/25/2025	16:10	LB136951

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Portal Partners Tri-Venture

SDG No.: Q2934

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169413BL		WATER		Batch Number:	PB169413		Prep Date:	08/26/2025	
	Mercury	0.076	<0.2	U	0.20	CV	08/27/2025	10:19	LB136975

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Portal Partners Tri-Venture

SDG No.: Q2934

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169358BL	WATER			Batch Number:	PB169358		Prep Date:	08/22/2025	
	Aluminum	11.4	<25	J	50.0	P	08/25/2025	13:01	LB136951
	Antimony	3.38	<12.5	U	25.0	P	08/25/2025	13:01	LB136951
	Arsenic	2.56	<5	U	10.0	P	08/25/2025	13:01	LB136951
	Barium	7.28	<25	U	50.0	P	08/25/2025	13:01	LB136951
	Beryllium	0.28	<1.5	U	3.00	P	08/25/2025	13:01	LB136951
	Cadmium	0.25	<1.5	U	3.00	P	08/25/2025	13:01	LB136951
	Calcium	117	<500	U	1000	P	08/25/2025	13:01	LB136951
	Chromium	1.06	<2.5	U	5.00	P	08/25/2025	13:01	LB136951
	Cobalt	1.13	<7.5	U	15.0	P	08/25/2025	13:01	LB136951
	Copper	2.30	<5	U	10.0	P	08/25/2025	13:01	LB136951
	Iron	11.7	<25	U	50.0	P	08/25/2025	13:01	LB136951
	Lead	1.15	<3	U	6.00	P	08/25/2025	13:01	LB136951
	Magnesium	122	<500	U	1000	P	08/25/2025	13:01	LB136951
	Manganese	2.97	<5	U	10.0	P	08/25/2025	13:01	LB136951
	Nickel	1.53	<10	U	20.0	P	08/25/2025	13:01	LB136951
	Potassium	459	<500	U	1000	P	08/25/2025	13:01	LB136951
	Selenium	4.82	<5	U	10.0	P	08/25/2025	13:01	LB136951
	Silver	0.81	<2.5	U	5.00	P	08/25/2025	13:01	LB136951
	Sodium	434	<500	U	1000	P	08/25/2025	13:01	LB136951
	Thallium	2.19	<10	U	20.0	P	08/25/2025	13:01	LB136951
	Vanadium	3.13	<10	U	20.0	P	08/25/2025	13:01	LB136951
	Zinc	8.33	<10	U	20.0	P	08/25/2025	13:01	LB136951



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture

SDG No.: Q2934

Contract: PORT06

Lab Code: ACE

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
ICV07	Mercury	4.21	4.0	105	90 - 110	CV	08/27/2025	10:03	LB136975

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture

SDG No.: Q2934

Contract: PORT06

Lab Code: ACE

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
CCV18	Mercury	5.02	5.0	100	90 - 110	CV	08/27/2025	10:07	LB136975
CCV19	Mercury	4.91	5.0	98	90 - 110	CV	08/27/2025	10:35	LB136975
CCV20	Mercury	5.31	5.0	106	90 - 110	CV	08/27/2025	11:33	LB136975

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture

SDG No.: Q2934

Contract: PORT06

Lab Code: ACE

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	7750	8000	97	90 - 110	P	08/22/2025	11:37	LB136940
	Antimony	4040	4000	101	90 - 110	P	08/22/2025	11:37	LB136940
	Arsenic	3880	4000	97	90 - 110	P	08/22/2025	11:37	LB136940
	Barium	7700	8000	96	90 - 110	P	08/22/2025	11:37	LB136940
	Beryllium	199	200	100	90 - 110	P	08/22/2025	11:37	LB136940
	Cadmium	1910	2000	96	90 - 110	P	08/22/2025	11:37	LB136940
	Calcium	19300	20000	97	90 - 110	P	08/22/2025	11:37	LB136940
	Chromium	790	800	99	90 - 110	P	08/22/2025	11:37	LB136940
	Cobalt	1930	2000	97	90 - 110	P	08/22/2025	11:37	LB136940
	Copper	997	1000	100	90 - 110	P	08/22/2025	11:37	LB136940
	Iron	3890	4000	97	90 - 110	P	08/22/2025	11:37	LB136940
	Lead	3920	4000	98	90 - 110	P	08/22/2025	11:37	LB136940
	Magnesium	19400	20000	97	90 - 110	P	08/22/2025	11:37	LB136940
	Manganese	1930	2000	97	90 - 110	P	08/22/2025	11:37	LB136940
	Nickel	1930	2000	97	90 - 110	P	08/22/2025	11:37	LB136940
	Potassium	19200	20000	96	90 - 110	P	08/22/2025	11:37	LB136940
	Selenium	3930	4000	98	90 - 110	P	08/22/2025	11:37	LB136940
	Silver	961	1000	96	90 - 110	P	08/22/2025	11:37	LB136940
	Sodium	18900	20000	95	90 - 110	P	08/22/2025	11:37	LB136940
	Thallium	3790	4000	95	90 - 110	P	08/22/2025	11:37	LB136940
	Vanadium	1970	2000	98	90 - 110	P	08/22/2025	11:37	LB136940
	Zinc	1960	2000	98	90 - 110	P	08/22/2025	11:37	LB136940

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture

SDG No.: Q2934

Contract: PORT06

Lab Code: ACE

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	109	100	109	80 - 120	P	08/22/2025	11:45	LB136940
	Antimony	52.6	50.0	105	80 - 120	P	08/22/2025	11:45	LB136940
	Arsenic	23.3	20.0	116	80 - 120	P	08/22/2025	11:45	LB136940
	Barium	98.3	100	98	80 - 120	P	08/22/2025	11:45	LB136940
	Beryllium	6.33	6.0	106	80 - 120	P	08/22/2025	11:45	LB136940
	Cadmium	5.71	6.0	95	80 - 120	P	08/22/2025	11:45	LB136940
	Calcium	2050	2000	102	80 - 120	P	08/22/2025	11:45	LB136940
	Chromium	10.4	10.0	104	80 - 120	P	08/22/2025	11:45	LB136940
	Cobalt	29.4	30.0	98	80 - 120	P	08/22/2025	11:45	LB136940
	Copper	21.2	20.0	106	80 - 120	P	08/22/2025	11:45	LB136940
	Iron	95.1	100	95	80 - 120	P	08/22/2025	11:45	LB136940
	Lead	13.0	12.0	108	80 - 120	P	08/22/2025	11:45	LB136940
	Magnesium	2160	2000	108	80 - 120	P	08/22/2025	11:45	LB136940
	Manganese	22.1	20.0	110	80 - 120	P	08/22/2025	11:45	LB136940
	Nickel	39.6	40.0	99	80 - 120	P	08/22/2025	11:45	LB136940
	Potassium	1740	2000	87	80 - 120	P	08/22/2025	11:45	LB136940
	Selenium	18.7	20.0	94	80 - 120	P	08/22/2025	11:45	LB136940
	Silver	10.3	10.0	103	80 - 120	P	08/22/2025	11:45	LB136940
	Sodium	1820	2000	91	80 - 120	P	08/22/2025	11:45	LB136940
	Thallium	42.5	40.0	106	80 - 120	P	08/22/2025	11:45	LB136940
	Vanadium	38.5	40.0	96	80 - 120	P	08/22/2025	11:45	LB136940
	Zinc	41.9	40.0	105	80 - 120	P	08/22/2025	11:45	LB136940

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture

SDG No.: Q2934

Contract: PORT06

Lab Code: ACE

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	9880	10000	99	90 - 110	P	08/22/2025	12:18	LB136940
	Antimony	5110	5000	102	90 - 110	P	08/22/2025	12:18	LB136940
	Arsenic	5110	5000	102	90 - 110	P	08/22/2025	12:18	LB136940
	Barium	9710	10000	97	90 - 110	P	08/22/2025	12:18	LB136940
	Beryllium	245	250	98	90 - 110	P	08/22/2025	12:18	LB136940
	Cadmium	2510	2500	100	90 - 110	P	08/22/2025	12:18	LB136940
	Calcium	24600	25000	98	90 - 110	P	08/22/2025	12:18	LB136940
	Chromium	1020	1000	102	90 - 110	P	08/22/2025	12:18	LB136940
	Cobalt	2500	2500	100	90 - 110	P	08/22/2025	12:18	LB136940
	Copper	1270	1250	101	90 - 110	P	08/22/2025	12:18	LB136940
	Iron	5060	5000	101	90 - 110	P	08/22/2025	12:18	LB136940
	Lead	4980	5000	100	90 - 110	P	08/22/2025	12:18	LB136940
	Magnesium	24500	25000	98	90 - 110	P	08/22/2025	12:18	LB136940
	Manganese	2420	2500	97	90 - 110	P	08/22/2025	12:18	LB136940
	Nickel	2500	2500	100	90 - 110	P	08/22/2025	12:18	LB136940
	Potassium	24700	25000	99	90 - 110	P	08/22/2025	12:18	LB136940
	Selenium	5170	5000	103	90 - 110	P	08/22/2025	12:18	LB136940
	Silver	1260	1250	101	90 - 110	P	08/22/2025	12:18	LB136940
	Sodium	24100	25000	96	90 - 110	P	08/22/2025	12:18	LB136940
	Thallium	5140	5000	103	90 - 110	P	08/22/2025	12:18	LB136940
	Vanadium	2480	2500	99	90 - 110	P	08/22/2025	12:18	LB136940
	Zinc	2560	2500	102	90 - 110	P	08/22/2025	12:18	LB136940
CCV02	Aluminum	9920	10000	99	90 - 110	P	08/22/2025	13:36	LB136940
	Antimony	5180	5000	104	90 - 110	P	08/22/2025	13:36	LB136940
	Arsenic	5140	5000	103	90 - 110	P	08/22/2025	13:36	LB136940
	Barium	9760	10000	98	90 - 110	P	08/22/2025	13:36	LB136940
	Beryllium	246	250	99	90 - 110	P	08/22/2025	13:36	LB136940
	Cadmium	2500	2500	100	90 - 110	P	08/22/2025	13:36	LB136940
	Calcium	24600	25000	98	90 - 110	P	08/22/2025	13:36	LB136940
	Chromium	1020	1000	102	90 - 110	P	08/22/2025	13:36	LB136940
	Cobalt	2510	2500	100	90 - 110	P	08/22/2025	13:36	LB136940
	Copper	1270	1250	102	90 - 110	P	08/22/2025	13:36	LB136940
	Iron	5090	5000	102	90 - 110	P	08/22/2025	13:36	LB136940
	Lead	4980	5000	100	90 - 110	P	08/22/2025	13:36	LB136940

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture

SDG No.: Q2934

Contract: PORT06

Lab Code: ACE

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	24500	25000	98	90 - 110	P	08/22/2025	13:36	LB136940
	Manganese	2440	2500	98	90 - 110	P	08/22/2025	13:36	LB136940
	Nickel	2510	2500	100	90 - 110	P	08/22/2025	13:36	LB136940
	Potassium	24700	25000	99	90 - 110	P	08/22/2025	13:36	LB136940
	Selenium	5200	5000	104	90 - 110	P	08/22/2025	13:36	LB136940
	Silver	1270	1250	102	90 - 110	P	08/22/2025	13:36	LB136940
	Sodium	24400	25000	98	90 - 110	P	08/22/2025	13:36	LB136940
	Thallium	5150	5000	103	90 - 110	P	08/22/2025	13:36	LB136940
	Vanadium	2500	2500	100	90 - 110	P	08/22/2025	13:36	LB136940
	Zinc	2570	2500	103	90 - 110	P	08/22/2025	13:36	LB136940
CCV03	Aluminum	10000	10000	100	90 - 110	P	08/22/2025	14:25	LB136940
	Antimony	5210	5000	104	90 - 110	P	08/22/2025	14:25	LB136940
	Arsenic	5180	5000	104	90 - 110	P	08/22/2025	14:25	LB136940
	Barium	9870	10000	99	90 - 110	P	08/22/2025	14:25	LB136940
	Beryllium	249	250	100	90 - 110	P	08/22/2025	14:25	LB136940
	Cadmium	2530	2500	101	90 - 110	P	08/22/2025	14:25	LB136940
	Calcium	25100	25000	100	90 - 110	P	08/22/2025	14:25	LB136940
	Chromium	1040	1000	104	90 - 110	P	08/22/2025	14:25	LB136940
	Cobalt	2530	2500	101	90 - 110	P	08/22/2025	14:25	LB136940
	Copper	1290	1250	103	90 - 110	P	08/22/2025	14:25	LB136940
	Iron	5200	5000	104	90 - 110	P	08/22/2025	14:25	LB136940
	Lead	5040	5000	101	90 - 110	P	08/22/2025	14:25	LB136940
	Magnesium	24900	25000	100	90 - 110	P	08/22/2025	14:25	LB136940
	Manganese	2490	2500	100	90 - 110	P	08/22/2025	14:25	LB136940
	Nickel	2530	2500	101	90 - 110	P	08/22/2025	14:25	LB136940
	Potassium	25200	25000	101	90 - 110	P	08/22/2025	14:25	LB136940
	Selenium	5250	5000	105	90 - 110	P	08/22/2025	14:25	LB136940
	Silver	1290	1250	103	90 - 110	P	08/22/2025	14:25	LB136940
	Sodium	25000	25000	100	90 - 110	P	08/22/2025	14:25	LB136940
	Thallium	5230	5000	105	90 - 110	P	08/22/2025	14:25	LB136940
	Vanadium	2530	2500	101	90 - 110	P	08/22/2025	14:25	LB136940
	Zinc	2610	2500	104	90 - 110	P	08/22/2025	14:25	LB136940
CCV04	Aluminum	9830	10000	98	90 - 110	P	08/22/2025	15:44	LB136940
	Antimony	5000	5000	100	90 - 110	P	08/22/2025	15:44	LB136940

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture

SDG No.: Q2934

Contract: PORT06

Lab Code: ACE

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	5020	5000	100	90 - 110	P	08/22/2025	15:44	LB136940
	Barium	9470	10000	95	90 - 110	P	08/22/2025	15:44	LB136940
	Beryllium	244	250	98	90 - 110	P	08/22/2025	15:44	LB136940
	Cadmium	2480	2500	99	90 - 110	P	08/22/2025	15:44	LB136940
	Calcium	24300	25000	97	90 - 110	P	08/22/2025	15:44	LB136940
	Chromium	1010	1000	101	90 - 110	P	08/22/2025	15:44	LB136940
	Cobalt	2460	2500	98	90 - 110	P	08/22/2025	15:44	LB136940
	Copper	1240	1250	100	90 - 110	P	08/22/2025	15:44	LB136940
	Iron	4960	5000	99	90 - 110	P	08/22/2025	15:44	LB136940
	Lead	4920	5000	98	90 - 110	P	08/22/2025	15:44	LB136940
	Magnesium	24400	25000	98	90 - 110	P	08/22/2025	15:44	LB136940
	Manganese	2400	2500	96	90 - 110	P	08/22/2025	15:44	LB136940
	Nickel	2460	2500	98	90 - 110	P	08/22/2025	15:44	LB136940
	Potassium	24400	25000	98	90 - 110	P	08/22/2025	15:44	LB136940
	Selenium	5090	5000	102	90 - 110	P	08/22/2025	15:44	LB136940
	Silver	1250	1250	100	90 - 110	P	08/22/2025	15:44	LB136940
	Sodium	23600	25000	94	90 - 110	P	08/22/2025	15:44	LB136940
	Thallium	5290	5000	106	90 - 110	P	08/22/2025	15:44	LB136940
	Vanadium	2470	2500	99	90 - 110	P	08/22/2025	15:44	LB136940
	Zinc	2540	2500	102	90 - 110	P	08/22/2025	15:44	LB136940
CCV05	Aluminum	9520	10000	95	90 - 110	P	08/22/2025	16:30	LB136940
	Antimony	4890	5000	98	90 - 110	P	08/22/2025	16:30	LB136940
	Arsenic	4910	5000	98	90 - 110	P	08/22/2025	16:30	LB136940
	Barium	9050	10000	90	90 - 110	P	08/22/2025	16:30	LB136940
	Beryllium	234	250	93	90 - 110	P	08/22/2025	16:30	LB136940
	Cadmium	2400	2500	96	90 - 110	P	08/22/2025	16:30	LB136940
	Calcium	23500	25000	94	90 - 110	P	08/22/2025	16:30	LB136940
	Chromium	986	1000	99	90 - 110	P	08/22/2025	16:30	LB136940
	Cobalt	2380	2500	95	90 - 110	P	08/22/2025	16:30	LB136940
	Copper	1210	1250	97	90 - 110	P	08/22/2025	16:30	LB136940
	Iron	4870	5000	97	90 - 110	P	08/22/2025	16:30	LB136940
	Lead	4760	5000	95	90 - 110	P	08/22/2025	16:30	LB136940
	Magnesium	23700	25000	95	90 - 110	P	08/22/2025	16:30	LB136940
	Manganese	2310	2500	92	90 - 110	P	08/22/2025	16:30	LB136940

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client:	<u>Portal Partners Tri-Venture</u>	SDG No.:	<u>Q2934</u>
Contract:	<u>PORT06</u>	Lab Code:	<u>ACE</u>
Initial Calibration Source:	<u>EPA</u>		
Continuing Calibration Source:	<u>Inorganic Ventures</u>		

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2390	2500	96	90 - 110	P	08/22/2025	16:30	LB136940
	Potassium	24100	25000	97	90 - 110	P	08/22/2025	16:30	LB136940
	Selenium	5000	5000	100	90 - 110	P	08/22/2025	16:30	LB136940
	Silver	1210	1250	97	90 - 110	P	08/22/2025	16:30	LB136940
	Sodium	23400	25000	94	90 - 110	P	08/22/2025	16:30	LB136940
	Thallium	5600	5000	112	90 - 110	P	08/22/2025	16:30	LB136940
	Vanadium	2380	2500	95	90 - 110	P	08/22/2025	16:30	LB136940
	Zinc	2470	2500	99	90 - 110	P	08/22/2025	16:30	LB136940

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture

SDG No.: Q2934

Contract: PORT06

Lab Code: ACE

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	8020	8000	100	90 - 110	P	08/25/2025	11:44	LB136951
	Antimony	4040	4000	101	90 - 110	P	08/25/2025	11:44	LB136951
	Arsenic	3870	4000	97	90 - 110	P	08/25/2025	11:44	LB136951
	Barium	7970	8000	100	90 - 110	P	08/25/2025	11:44	LB136951
	Beryllium	206	200	103	90 - 110	P	08/25/2025	11:44	LB136951
	Cadmium	1940	2000	97	90 - 110	P	08/25/2025	11:44	LB136951
	Calcium	20000	20000	100	90 - 110	P	08/25/2025	11:44	LB136951
	Chromium	810	800	101	90 - 110	P	08/25/2025	11:44	LB136951
	Cobalt	1970	2000	98	90 - 110	P	08/25/2025	11:44	LB136951
	Copper	1010	1000	101	90 - 110	P	08/25/2025	11:44	LB136951
	Iron	3960	4000	99	90 - 110	P	08/25/2025	11:44	LB136951
	Lead	3980	4000	100	90 - 110	P	08/25/2025	11:44	LB136951
	Magnesium	20100	20000	101	90 - 110	P	08/25/2025	11:44	LB136951
	Manganese	2010	2000	100	90 - 110	P	08/25/2025	11:44	LB136951
	Nickel	1960	2000	98	90 - 110	P	08/25/2025	11:44	LB136951
	Potassium	19600	20000	98	90 - 110	P	08/25/2025	11:44	LB136951
	Selenium	3900	4000	97	90 - 110	P	08/25/2025	11:44	LB136951
	Silver	977	1000	98	90 - 110	P	08/25/2025	11:44	LB136951
	Sodium	19400	20000	97	90 - 110	P	08/25/2025	11:44	LB136951
	Thallium	3930	4000	98	90 - 110	P	08/25/2025	11:44	LB136951
	Vanadium	2030	2000	102	90 - 110	P	08/25/2025	11:44	LB136951
	Zinc	1990	2000	100	90 - 110	P	08/25/2025	11:44	LB136951

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture

SDG No.: Q2934

Contract: PORT06

Lab Code: ACE

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	115	100	115	80 - 120	P	08/25/2025	11:48	LB136951
	Antimony	51.4	50.0	103	80 - 120	P	08/25/2025	11:48	LB136951
	Arsenic	20.0	20.0	100	80 - 120	P	08/25/2025	11:48	LB136951
	Barium	103	100	104	80 - 120	P	08/25/2025	11:48	LB136951
	Beryllium	6.33	6.0	106	80 - 120	P	08/25/2025	11:48	LB136951
	Cadmium	6.02	6.0	100	80 - 120	P	08/25/2025	11:48	LB136951
	Calcium	2110	2000	105	80 - 120	P	08/25/2025	11:48	LB136951
	Chromium	10.3	10.0	103	80 - 120	P	08/25/2025	11:48	LB136951
	Cobalt	30.0	30.0	100	80 - 120	P	08/25/2025	11:48	LB136951
	Copper	21.8	20.0	109	80 - 120	P	08/25/2025	11:48	LB136951
	Iron	102	100	102	80 - 120	P	08/25/2025	11:48	LB136951
	Lead	10.8	12.0	90	80 - 120	P	08/25/2025	11:48	LB136951
	Magnesium	2250	2000	112	80 - 120	P	08/25/2025	11:48	LB136951
	Manganese	22.8	20.0	114	80 - 120	P	08/25/2025	11:48	LB136951
	Nickel	40.5	40.0	101	80 - 120	P	08/25/2025	11:48	LB136951
	Potassium	2190	2000	110	80 - 120	P	08/25/2025	11:48	LB136951
	Selenium	20.5	20.0	103	80 - 120	P	08/25/2025	11:48	LB136951
	Silver	10.4	10.0	104	80 - 120	P	08/25/2025	11:48	LB136951
	Sodium	1960	2000	98	80 - 120	P	08/25/2025	11:48	LB136951
	Thallium	41.7	40.0	104	80 - 120	P	08/25/2025	11:48	LB136951
	Vanadium	37.4	40.0	94	80 - 120	P	08/25/2025	11:48	LB136951
	Zinc	41.6	40.0	104	80 - 120	P	08/25/2025	11:48	LB136951

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture

Contract: PORT06

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q2934

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9880	10000	99	90 - 110	P	08/25/2025	12:33	LB136951
	Antimony	5000	5000	100	90 - 110	P	08/25/2025	12:33	LB136951
	Arsenic	4940	5000	99	90 - 110	P	08/25/2025	12:33	LB136951
	Barium	10200	10000	102	90 - 110	P	08/25/2025	12:33	LB136951
	Beryllium	241	250	96	90 - 110	P	08/25/2025	12:33	LB136951
	Cadmium	2430	2500	97	90 - 110	P	08/25/2025	12:33	LB136951
	Calcium	25000	25000	100	90 - 110	P	08/25/2025	12:33	LB136951
	Chromium	987	1000	99	90 - 110	P	08/25/2025	12:33	LB136951
	Cobalt	2440	2500	98	90 - 110	P	08/25/2025	12:33	LB136951
	Copper	1240	1250	99	90 - 110	P	08/25/2025	12:33	LB136951
	Iron	5080	5000	102	90 - 110	P	08/25/2025	12:33	LB136951
	Lead	4830	5000	96	90 - 110	P	08/25/2025	12:33	LB136951
	Magnesium	24500	25000	98	90 - 110	P	08/25/2025	12:33	LB136951
	Manganese	2520	2500	101	90 - 110	P	08/25/2025	12:33	LB136951
	Nickel	2440	2500	98	90 - 110	P	08/25/2025	12:33	LB136951
	Potassium	25000	25000	100	90 - 110	P	08/25/2025	12:33	LB136951
	Selenium	4930	5000	99	90 - 110	P	08/25/2025	12:33	LB136951
	Silver	1220	1250	98	90 - 110	P	08/25/2025	12:33	LB136951
	Sodium	25500	25000	102	90 - 110	P	08/25/2025	12:33	LB136951
	Thallium	4800	5000	96	90 - 110	P	08/25/2025	12:33	LB136951
	Vanadium	2500	2500	100	90 - 110	P	08/25/2025	12:33	LB136951
	Zinc	2460	2500	99	90 - 110	P	08/25/2025	12:33	LB136951
CCV02	Aluminum	9800	10000	98	90 - 110	P	08/25/2025	13:44	LB136951
	Antimony	4910	5000	98	90 - 110	P	08/25/2025	13:44	LB136951
	Arsenic	4870	5000	97	90 - 110	P	08/25/2025	13:44	LB136951
	Barium	9920	10000	99	90 - 110	P	08/25/2025	13:44	LB136951
	Beryllium	248	250	99	90 - 110	P	08/25/2025	13:44	LB136951
	Cadmium	2450	2500	98	90 - 110	P	08/25/2025	13:44	LB136951
	Calcium	24700	25000	99	90 - 110	P	08/25/2025	13:44	LB136951
	Chromium	999	1000	100	90 - 110	P	08/25/2025	13:44	LB136951
	Cobalt	2440	2500	98	90 - 110	P	08/25/2025	13:44	LB136951
	Copper	1230	1250	98	90 - 110	P	08/25/2025	13:44	LB136951
	Iron	4910	5000	98	90 - 110	P	08/25/2025	13:44	LB136951
	Lead	4860	5000	97	90 - 110	P	08/25/2025	13:44	LB136951

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture

SDG No.: Q2934

Contract: PORT06

Lab Code: ACE

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	24600	25000	98	90 - 110	P	08/25/2025	13:44	LB136951
	Manganese	2470	2500	99	90 - 110	P	08/25/2025	13:44	LB136951
	Nickel	2450	2500	98	90 - 110	P	08/25/2025	13:44	LB136951
	Potassium	24200	25000	97	90 - 110	P	08/25/2025	13:44	LB136951
	Selenium	4860	5000	97	90 - 110	P	08/25/2025	13:44	LB136951
	Silver	1210	1250	97	90 - 110	P	08/25/2025	13:44	LB136951
	Sodium	23900	25000	96	90 - 110	P	08/25/2025	13:44	LB136951
	Thallium	4650	5000	93	90 - 110	P	08/25/2025	13:44	LB136951
	Vanadium	2480	2500	99	90 - 110	P	08/25/2025	13:44	LB136951
	Zinc	2440	2500	98	90 - 110	P	08/25/2025	13:44	LB136951
CCV03	Aluminum	9800	10000	98	90 - 110	P	08/25/2025	14:33	LB136951
	Antimony	4860	5000	97	90 - 110	P	08/25/2025	14:33	LB136951
	Arsenic	4840	5000	97	90 - 110	P	08/25/2025	14:33	LB136951
	Barium	9780	10000	98	90 - 110	P	08/25/2025	14:33	LB136951
	Beryllium	248	250	99	90 - 110	P	08/25/2025	14:33	LB136951
	Cadmium	2420	2500	97	90 - 110	P	08/25/2025	14:33	LB136951
	Calcium	24700	25000	99	90 - 110	P	08/25/2025	14:33	LB136951
	Chromium	994	1000	99	90 - 110	P	08/25/2025	14:33	LB136951
	Cobalt	2410	2500	96	90 - 110	P	08/25/2025	14:33	LB136951
	Copper	1210	1250	97	90 - 110	P	08/25/2025	14:33	LB136951
	Iron	4960	5000	99	90 - 110	P	08/25/2025	14:33	LB136951
	Lead	4790	5000	96	90 - 110	P	08/25/2025	14:33	LB136951
	Magnesium	24600	25000	98	90 - 110	P	08/25/2025	14:33	LB136951
	Manganese	2470	2500	99	90 - 110	P	08/25/2025	14:33	LB136951
	Nickel	2410	2500	97	90 - 110	P	08/25/2025	14:33	LB136951
	Potassium	24600	25000	98	90 - 110	P	08/25/2025	14:33	LB136951
	Selenium	4840	5000	97	90 - 110	P	08/25/2025	14:33	LB136951
	Silver	1220	1250	98	90 - 110	P	08/25/2025	14:33	LB136951
	Sodium	24400	25000	98	90 - 110	P	08/25/2025	14:33	LB136951
	Thallium	5090	5000	102	90 - 110	P	08/25/2025	14:33	LB136951
	Vanadium	2470	2500	99	90 - 110	P	08/25/2025	14:33	LB136951
	Zinc	2470	2500	99	90 - 110	P	08/25/2025	14:33	LB136951
CCV04	Aluminum	9840	10000	98	90 - 110	P	08/25/2025	15:23	LB136951
	Antimony	4890	5000	98	90 - 110	P	08/25/2025	15:23	LB136951

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture

SDG No.: Q2934

Contract: PORT06

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4890	5000	98	90 - 110	P	08/25/2025	15:23	LB136951
	Barium	9750	10000	98	90 - 110	P	08/25/2025	15:23	LB136951
	Beryllium	246	250	98	90 - 110	P	08/25/2025	15:23	LB136951
	Cadmium	2450	2500	98	90 - 110	P	08/25/2025	15:23	LB136951
	Calcium	24800	25000	99	90 - 110	P	08/25/2025	15:23	LB136951
	Chromium	1000	1000	100	90 - 110	P	08/25/2025	15:23	LB136951
	Cobalt	2430	2500	97	90 - 110	P	08/25/2025	15:23	LB136951
	Copper	1230	1250	98	90 - 110	P	08/25/2025	15:23	LB136951
	Iron	5010	5000	100	90 - 110	P	08/25/2025	15:23	LB136951
	Lead	4850	5000	97	90 - 110	P	08/25/2025	15:23	LB136951
	Magnesium	24700	25000	99	90 - 110	P	08/25/2025	15:23	LB136951
	Manganese	2470	2500	99	90 - 110	P	08/25/2025	15:23	LB136951
	Nickel	2450	2500	98	90 - 110	P	08/25/2025	15:23	LB136951
	Potassium	24900	25000	100	90 - 110	P	08/25/2025	15:23	LB136951
	Selenium	4900	5000	98	90 - 110	P	08/25/2025	15:23	LB136951
	Silver	1220	1250	98	90 - 110	P	08/25/2025	15:23	LB136951
	Sodium	24700	25000	99	90 - 110	P	08/25/2025	15:23	LB136951
	Thallium	5070	5000	101	90 - 110	P	08/25/2025	15:23	LB136951
	Vanadium	2480	2500	99	90 - 110	P	08/25/2025	15:23	LB136951
	Zinc	2480	2500	99	90 - 110	P	08/25/2025	15:23	LB136951
CCV05	Aluminum	9660	10000	97	90 - 110	P	08/25/2025	16:06	LB136951
	Antimony	4850	5000	97	90 - 110	P	08/25/2025	16:06	LB136951
	Arsenic	4820	5000	96	90 - 110	P	08/25/2025	16:06	LB136951
	Barium	9650	10000	96	90 - 110	P	08/25/2025	16:06	LB136951
	Beryllium	240	250	96	90 - 110	P	08/25/2025	16:06	LB136951
	Cadmium	2410	2500	96	90 - 110	P	08/25/2025	16:06	LB136951
	Calcium	24200	25000	97	90 - 110	P	08/25/2025	16:06	LB136951
	Chromium	992	1000	99	90 - 110	P	08/25/2025	16:06	LB136951
	Cobalt	2390	2500	96	90 - 110	P	08/25/2025	16:06	LB136951
	Copper	1210	1250	97	90 - 110	P	08/25/2025	16:06	LB136951
	Iron	4900	5000	98	90 - 110	P	08/25/2025	16:06	LB136951
	Lead	4750	5000	95	90 - 110	P	08/25/2025	16:06	LB136951
	Magnesium	24100	25000	96	90 - 110	P	08/25/2025	16:06	LB136951
	Manganese	2390	2500	96	90 - 110	P	08/25/2025	16:06	LB136951

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client:	<u>Portal Partners Tri-Venture</u>	SDG No.:	<u>Q2934</u>
Contract:	<u>PORT06</u>	Lab Code:	<u>ACE</u>
Initial Calibration Source:	<u>EPA</u>		
Continuing Calibration Source:	<u>Inorganic Ventures</u>		

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2400	2500	96	90 - 110	P	08/25/2025	16:06	LB136951
	Potassium	24700	25000	99	90 - 110	P	08/25/2025	16:06	LB136951
	Selenium	4830	5000	97	90 - 110	P	08/25/2025	16:06	LB136951
	Silver	1200	1250	96	90 - 110	P	08/25/2025	16:06	LB136951
	Sodium	23700	25000	95	90 - 110	P	08/25/2025	16:06	LB136951
	Thallium	5020	5000	100	90 - 110	P	08/25/2025	16:06	LB136951
	Vanadium	2430	2500	97	90 - 110	P	08/25/2025	16:06	LB136951
	Zinc	2450	2500	98	90 - 110	P	08/25/2025	16:06	LB136951

Metals
- 2b -
CRDL STANDARD FOR AA & ICP

Client: Portal Partners Tri-Venture	SDG No.: Q2934
Contract: PORT06	Lab Code: ACE
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	Aluminum	106	100	106	65 - 135	P	08/22/2025	11:56	LB136940
	Antimony	49.5	50.0	99	65 - 135	P	08/22/2025	11:56	LB136940
	Arsenic	20.0	20.0	100	65 - 135	P	08/22/2025	11:56	LB136940
	Barium	96.1	100	96	65 - 135	P	08/22/2025	11:56	LB136940
	Beryllium	6.31	6.0	105	65 - 135	P	08/22/2025	11:56	LB136940
	Cadmium	5.76	6.0	96	65 - 135	P	08/22/2025	11:56	LB136940
	Calcium	2020	2000	101	65 - 135	P	08/22/2025	11:56	LB136940
	Chromium	10.6	10.0	106	65 - 135	P	08/22/2025	11:56	LB136940
	Cobalt	29.5	30.0	98	65 - 135	P	08/22/2025	11:56	LB136940
	Copper	21.0	20.0	105	65 - 135	P	08/22/2025	11:56	LB136940
	Iron	99.1	100	99	65 - 135	P	08/22/2025	11:56	LB136940
	Lead	12.2	12.0	102	65 - 135	P	08/22/2025	11:56	LB136940
	Magnesium	2140	2000	107	65 - 135	P	08/22/2025	11:56	LB136940
	Manganese	21.5	20.0	107	65 - 135	P	08/22/2025	11:56	LB136940
	Nickel	39.6	40.0	99	65 - 135	P	08/22/2025	11:56	LB136940
	Potassium	1690	2000	85	65 - 135	P	08/22/2025	11:56	LB136940
	Selenium	20.0	20.0	100	65 - 135	P	08/22/2025	11:56	LB136940
	Silver	9.94	10.0	99	65 - 135	P	08/22/2025	11:56	LB136940
	Sodium	1740	2000	87	65 - 135	P	08/22/2025	11:56	LB136940
	Thallium	42.6	40.0	106	65 - 135	P	08/22/2025	11:56	LB136940
	Vanadium	37.7	40.0	94	65 - 135	P	08/22/2025	11:56	LB136940
	Zinc	41.4	40.0	104	65 - 135	P	08/22/2025	11:56	LB136940
CRI01	Aluminum	114	100	114	65 - 135	P	08/25/2025	11:57	LB136951
	Antimony	52.1	50.0	104	65 - 135	P	08/25/2025	11:57	LB136951
	Arsenic	19.2	20.0	96	65 - 135	P	08/25/2025	11:57	LB136951
	Barium	100	100	100	65 - 135	P	08/25/2025	11:57	LB136951
	Beryllium	6.19	6.0	103	65 - 135	P	08/25/2025	11:57	LB136951
	Cadmium	5.84	6.0	97	65 - 135	P	08/25/2025	11:57	LB136951
	Calcium	2060	2000	103	65 - 135	P	08/25/2025	11:57	LB136951
	Chromium	10.0	10.0	100	65 - 135	P	08/25/2025	11:57	LB136951
	Cobalt	29.6	30.0	99	65 - 135	P	08/25/2025	11:57	LB136951
	Copper	21.6	20.0	108	65 - 135	P	08/25/2025	11:57	LB136951
	Iron	106	100	106	65 - 135	P	08/25/2025	11:57	LB136951
	Lead	11.4	12.0	95	65 - 135	P	08/25/2025	11:57	LB136951
	Magnesium	2170	2000	109	65 - 135	P	08/25/2025	11:57	LB136951
	Manganese	21.6	20.0	108	65 - 135	P	08/25/2025	11:57	LB136951

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Portal Partners Tri-Venture

SDG No.: Q2934

Contract: PORT06

Lab Code: ACE

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	Nickel	40.0	40.0	100	65 - 135	P	08/25/2025	11:57	LB136951
	Potassium	2270	2000	114	65 - 135	P	08/25/2025	11:57	LB136951
	Selenium	21.6	20.0	108	65 - 135	P	08/25/2025	11:57	LB136951
	Silver	10.3	10.0	103	65 - 135	P	08/25/2025	11:57	LB136951
	Sodium	1970	2000	98	65 - 135	P	08/25/2025	11:57	LB136951
	Thallium	38.0	40.0	95	65 - 135	P	08/25/2025	11:57	LB136951
	Vanadium	37.8	40.0	94	65 - 135	P	08/25/2025	11:57	LB136951
	Zinc	41.6	40.0	104	65 - 135	P	08/25/2025	11:57	LB136951
CRA	Mercury	0.23	0.2	114	70 - 130	CV	08/27/2025	10:12	LB136975

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>Portal Partners Tri-Venture</u>	SDG No.: <u>Q2934</u>
Contract: <u>PORT06</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

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	246000	255000	96	216000	294000	08/22/2025	12:00	LB136940
	Antimony	-2.85			-50	50	08/22/2025	12:00	LB136940
	Arsenic	10.8			-20	20	08/22/2025	12:00	LB136940
	Barium	2.88	6.0	48	-94	106	08/22/2025	12:00	LB136940
	Beryllium	1.60			-6	6	08/22/2025	12:00	LB136940
	Cadmium	2.00	1.0	200	-5	7	08/22/2025	12:00	LB136940
	Calcium	234000	245000	96	208000	282000	08/22/2025	12:00	LB136940
	Chromium	61.9	52.0	119	42	62	08/22/2025	12:00	LB136940
	Cobalt	1.73			-30	30	08/22/2025	12:00	LB136940
	Copper	8.67	2.0	434	-18	22	08/22/2025	12:00	LB136940
	Iron	98800	101000	98	85600	116500	08/22/2025	12:00	LB136940
	Lead	-7.23			-12	12	08/22/2025	12:00	LB136940
	Magnesium	249000	255000	98	216000	294000	08/22/2025	12:00	LB136940
	Manganese	8.61	7.0	123	-13	27	08/22/2025	12:00	LB136940
	Nickel	6.22	2.0	311	-38	42	08/22/2025	12:00	LB136940
	Potassium	310			0	0	08/22/2025	12:00	LB136940
	Selenium	0.73			-20	20	08/22/2025	12:00	LB136940
	Silver	1.38			-10	10	08/22/2025	12:00	LB136940
	Sodium	143			0	0	08/22/2025	12:00	LB136940
	Thallium	-0.94			-40	40	08/22/2025	12:00	LB136940
	Vanadium	2.41			-40	40	08/22/2025	12:00	LB136940
	Zinc	2.57			-40	40	08/22/2025	12:00	LB136940
ICSAB01	Aluminum	249000	247000	101	209000	285000	08/22/2025	12:04	LB136940
	Antimony	602	618	97	525	711	08/22/2025	12:04	LB136940
	Arsenic	110	104	106	88.4	120	08/22/2025	12:04	LB136940
	Barium	489	537	91	437	637	08/22/2025	12:04	LB136940
	Beryllium	500	495	101	420	570	08/22/2025	12:04	LB136940
	Cadmium	989	972	102	826	1120	08/22/2025	12:04	LB136940
	Calcium	237000	235000	101	199000	271000	08/22/2025	12:04	LB136940
	Chromium	565	542	104	460	624	08/22/2025	12:04	LB136940
	Cobalt	498	476	105	404	548	08/22/2025	12:04	LB136940
	Copper	491	511	96	434	588	08/22/2025	12:04	LB136940
	Iron	100000	99300	101	84400	114500	08/22/2025	12:04	LB136940
	Lead	39.7	49.0	81	37	61	08/22/2025	12:04	LB136940
	Magnesium	252000	248000	102	210000	286000	08/22/2025	12:04	LB136940
	Manganese	489	507	96	430	584	08/22/2025	12:04	LB136940
	Nickel	990	954	104	810	1100	08/22/2025	12:04	LB136940
	Potassium	-268			0	0	08/22/2025	12:04	LB136940
	Selenium	52.0	46.0	113	26	66	08/22/2025	12:04	LB136940
	Silver	215	201	107	170	232	08/22/2025	12:04	LB136940
	Sodium	5.71			0	0	08/22/2025	12:04	LB136940
	Thallium	102	108	94	68	148	08/22/2025	12:04	LB136940

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Portal Partners Tri-Venture	SDG No.: Q2934
Contract: PORT06	Lab Code: ACE
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	486	491	99	417	565	08/22/2025	12:04	LB136940
	Zinc	1040	952	109	809	1095	08/22/2025	12:04	LB136940
ICSA01	Aluminum	258000	255000	101	216000	294000	08/25/2025	12:02	LB136951
	Antimony	0.35			-50	50	08/25/2025	12:02	LB136951
	Arsenic	7.17			-20	20	08/25/2025	12:02	LB136951
	Barium	1.72	6.0	29	-94	106	08/25/2025	12:02	LB136951
	Beryllium	1.50			-6	6	08/25/2025	12:02	LB136951
	Cadmium	2.07	1.0	207	-5	7	08/25/2025	12:02	LB136951
	Calcium	245000	245000	100	208000	282000	08/25/2025	12:02	LB136951
	Chromium	61.9	52.0	119	42	62	08/25/2025	12:02	LB136951
	Cobalt	2.06			-30	30	08/25/2025	12:02	LB136951
	Copper	12.7	2.0	635	-18	22	08/25/2025	12:02	LB136951
	Iron	104000	101000	103	85600	116500	08/25/2025	12:02	LB136951
	Lead	-4.51			-12	12	08/25/2025	12:02	LB136951
	Magnesium	259000	255000	102	216000	294000	08/25/2025	12:02	LB136951
	Manganese	7.98	7.0	114	-13	27	08/25/2025	12:02	LB136951
	Nickel	6.04	2.0	302	-38	42	08/25/2025	12:02	LB136951
	Potassium	1300			0	0	08/25/2025	12:02	LB136951
	Selenium	6.58			-20	20	08/25/2025	12:02	LB136951
	Silver	3.89			-10	10	08/25/2025	12:02	LB136951
	Sodium	360			0	0	08/25/2025	12:02	LB136951
	Thallium	-2.99			-40	40	08/25/2025	12:02	LB136951
	Vanadium	2.17			-40	40	08/25/2025	12:02	LB136951
	Zinc	3.59			-40	40	08/25/2025	12:02	LB136951
ICSAB01	Aluminum	253000	247000	102	209000	285000	08/25/2025	12:15	LB136951
	Antimony	608	618	98	525	711	08/25/2025	12:15	LB136951
	Arsenic	103	104	99	88.4	120	08/25/2025	12:15	LB136951
	Barium	507	537	94	437	637	08/25/2025	12:15	LB136951
	Beryllium	497	495	100	420	570	08/25/2025	12:15	LB136951
	Cadmium	981	972	101	826	1120	08/25/2025	12:15	LB136951
	Calcium	240000	235000	102	199000	271000	08/25/2025	12:15	LB136951
	Chromium	564	542	104	460	624	08/25/2025	12:15	LB136951
	Cobalt	497	476	104	404	548	08/25/2025	12:15	LB136951
	Copper	491	511	96	434	588	08/25/2025	12:15	LB136951
	Iron	101000	99300	102	84400	114500	08/25/2025	12:15	LB136951
	Lead	42.3	49.0	86	37	61	08/25/2025	12:15	LB136951
	Magnesium	254000	248000	102	210000	286000	08/25/2025	12:15	LB136951
	Manganese	502	507	99	430	584	08/25/2025	12:15	LB136951
	Nickel	988	954	104	810	1100	08/25/2025	12:15	LB136951
	Potassium	203			0	0	08/25/2025	12:15	LB136951
	Selenium	53.7	46.0	117	26	66	08/25/2025	12:15	LB136951
	Silver	217	201	108	170	232	08/25/2025	12:15	LB136951

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>Portal Partners Tri-Venture</u>	SDG No.: <u>Q2934</u>
Contract: <u>PORT06</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

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	209			0	0	08/25/2025	12:15	LB136951
	Thallium	88.4	108	82	68	148	08/25/2025	12:15	LB136951
	Vanadium	496	491	101	417	565	08/25/2025	12:15	LB136951
	Zinc	1040	952	109	809	1095	08/25/2025	12:15	LB136951



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>Portal Partners Tri-Venture</u>	level: <u>low</u>	sdg no.: <u>Q2934</u>
contract: <u>PORT06</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q2934-02</u>	client id: <u>ENV-SW02MS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q2934-02MS</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	1210		182		1000	102		P
Antimony	ug/L	75 - 125	412		6.48	J	400	101		P
Arsenic	ug/L	75 - 125	406		4.50	J	400	100		P
Barium	ug/L	75 - 125	273		169		100	104		P
Beryllium	ug/L	75 - 125	101		3.00	U	100	101		P
Cadmium	ug/L	75 - 125	98.2		3.00	U	100	98		P
Calcium	ug/L	75 - 125	37700		37200		500	113		P
Chromium	ug/L	75 - 125	213		2.47	J	200	105		P
Cobalt	ug/L	75 - 125	101		15.0	U	100	101		P
Copper	ug/L	75 - 125	160		9.63	J	150	100		P
Iron	ug/L	75 - 125	3830		2360		1500	99		P
Lead	ug/L	75 - 125	485		16.5		500	94		P
Magnesium	ug/L	75 - 125	14500		13500		1000	103		P
Manganese	ug/L	75 - 125	570		467		100	103		P
Nickel	ug/L	75 - 125	257		7.09	J	250	100		P
Potassium	ug/L	75 - 125	28000		23300		5000	94		P
Selenium	ug/L	75 - 125	973		10.0	U	1000	97		P
Silver	ug/L	75 - 125	15.6		5.00	U	37.5	42	N	P
Sodium	ug/L	75 - 125	54400		52600		1500	123		P
Thallium	ug/L	75 - 125	836		20.0	U	1000	84		P
Vanadium	ug/L	75 - 125	163		5.44	J	150	105		P
Zinc	ug/L	75 - 125	120		14.9	J	100	105		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Portal Partners Tri-Venture</u>	level: <u>low</u>	sdg no.: <u>Q2934</u>
contract: <u>PORT06</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q2934-02</u>	client id: <u>ENV-SW02MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q2934-02MSD</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	1120		182		1000	94		P
Antimony	ug/L	75 - 125	393		6.48	J	400	97		P
Arsenic	ug/L	75 - 125	386		4.50	J	400	95		P
Barium	ug/L	75 - 125	257		169		100	89		P
Beryllium	ug/L	75 - 125	94.0		3.00	U	100	94		P
Cadmium	ug/L	75 - 125	92.8		3.00	U	100	93		P
Calcium	ug/L	75 - 125	36100		37200		500	-214		P
Chromium	ug/L	75 - 125	201		2.47	J	200	99		P
Cobalt	ug/L	75 - 125	95.3		15.0	U	100	95		P
Copper	ug/L	75 - 125	151		9.63	J	150	94		P
Iron	ug/L	75 - 125	3710		2360		1500	90		P
Lead	ug/L	75 - 125	460		16.5		500	89		P
Magnesium	ug/L	75 - 125	13900		13500		1000	38		P
Manganese	ug/L	75 - 125	544		467		100	77		P
Nickel	ug/L	75 - 125	243		7.09	J	250	94		P
Potassium	ug/L	75 - 125	26900		23300		5000	73		P
Selenium	ug/L	75 - 125	927		10.0	U	1000	93		P
Silver	ug/L	75 - 125	21.9		5.00	U	37.5	58	N	P
Sodium	ug/L	75 - 125	52000		52600		1500	-37		P
Thallium	ug/L	75 - 125	795		20.0	U	1000	80		P
Vanadium	ug/L	75 - 125	152		5.44	J	150	98		P
Zinc	ug/L	75 - 125	113		14.9	J	100	98		P

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Portal Partners Tri-Venture level: low sdg no.: Q2934
contract: PORT06 lab code: ACE
matrix: Water sample id: Q2940-01 client id: COMP(1-6)MS

Percent Solids for Sample: NA Spiked ID: Q2940-01MS 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	4.19		0.20	U	4.0	105		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client:	<u>Portal Partners Tri-Venture</u>	level:	<u>low</u>	sdg no.:	<u>Q2934</u>
contract:	<u>PORT06</u>			lab code:	<u>ACE</u>
matrix:	<u>Water</u>	sample id:	<u>Q2940-01</u>	client id:	<u>COMP(1-6)MSD</u>
Percent Solids for Sample:	NA	Spiked ID:	Q2940-01MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	4.21		0.20	U	4.0	105		CV

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client:	<u>Portal Partners Tri-Venture</u>	SDG No.:	<u>Q2934</u>		
Contract:	<u>PORT06</u>	Lab Code:	<u>ACE</u>		
Matrix:	<u>Water</u>	Level:	<u>LOW</u>	Client ID:	<u>ENV-SW02A</u>
Sample ID:	<u>Q2934-02</u>	Spiked ID:	<u>Q2934-02A</u>		

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Silver	ug/L	75 - 125	15.3		5.00	U	37.5	41	N	P

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Portal Partners Tri-Venture</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2934</u>
Contract:	<u>PORT06</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q2934-02</u>	Client ID:	<u>ENV-SW02DUP</u>
Percent Solids for Sample:	NA	Duplicate ID	Q2934-02DUP	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	182		173		5		P
Antimony	ug/L	20	6.48	J	6.62	J	2		P
Arsenic	ug/L	20	4.50	J	4.71	J	5		P
Barium	ug/L	20	169		168		1		P
Beryllium	ug/L	20	3.00	U	3.00	U			P
Cadmium	ug/L	20	3.00	U	3.00	U			P
Calcium	ug/L	20	37200		37200		0		P
Chromium	ug/L	20	2.47	J	2.48	J	0		P
Cobalt	ug/L	20	15.0	U	15.0	U			P
Copper	ug/L	20	9.63	J	9.51	J	1		P
Iron	ug/L	20	2360		2380		1		P
Lead	ug/L	20	16.5		17.0		3		P
Magnesium	ug/L	20	13500		13500		0		P
Manganese	ug/L	20	467		467		0		P
Nickel	ug/L	20	7.09	J	7.51	J	6		P
Potassium	ug/L	20	23300		23500		1		P
Selenium	ug/L	20	10.0	U	10.0	U			P
Silver	ug/L	20	5.00	U	5.00	U			P
Sodium	ug/L	20	52600		53400		2		P
Thallium	ug/L	20	20.0	U	20.0	U			P
Vanadium	ug/L	20	5.44	J	5.81	J	7		P
Zinc	ug/L	20	14.9	J	14.6	J	2		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Portal Partners Tri-Venture</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2934</u>
Contract:	<u>PORT06</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q2934-02MS</u>	Client ID:	<u>ENV-SW02MSD</u>
Percent Solids for Sample:	NA	Duplicate ID	Q2934-02MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	1210		1120		8		P
Antimony	ug/L	20	412		393		5		P
Arsenic	ug/L	20	406		386		5		P
Barium	ug/L	20	273		257		6		P
Beryllium	ug/L	20	101		94.0		7		P
Cadmium	ug/L	20	98.2		92.8		6		P
Calcium	ug/L	20	37700		36100		4		P
Chromium	ug/L	20	213		201		6		P
Cobalt	ug/L	20	101		95.3		6		P
Copper	ug/L	20	160		151		6		P
Iron	ug/L	20	3830		3710		3		P
Lead	ug/L	20	485		460		5		P
Magnesium	ug/L	20	14500		13900		4		P
Manganese	ug/L	20	570		544		5		P
Nickel	ug/L	20	257		243		6		P
Potassium	ug/L	20	28000		26900		4		P
Selenium	ug/L	20	973		927		5		P
Silver	ug/L	20	15.6		21.9		34	*	P
Sodium	ug/L	20	54400		52000		5		P
Thallium	ug/L	20	836		795		5		P
Vanadium	ug/L	20	163		152		7		P
Zinc	ug/L	20	120		113		6		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Portal Partners Tri-Venture</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2934</u>
Contract:	<u>PORT06</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q2940-01</u>	Client ID:	<u>COMP(1-6)DUP</u>
Percent Solids for Sample:	NA	Duplicate ID	Q2940-01DUP	Percent Solids for Spike Sample:	NA

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

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Portal Partners Tri-Venture</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2934</u>
Contract:	<u>PORT06</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q2940-01MS</u>	Client ID:	<u>COMP(1-6)MSD</u>
Percent Solids for Sample:	NA	Duplicate ID	Q2940-01MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	4.19		4.21		0		CV

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client:	<u>Portal Partners Tri-Venture</u>	SDG No.:	<u>Q2934</u>
Contract:	<u>PORT06</u>	Lab Code:	<u>ACE</u>

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169358BS							
Aluminum	ug/L	1000	1020		102	80 - 120	P
Antimony	ug/L	400	407		102	80 - 120	P
Arsenic	ug/L	400	393		98	80 - 120	P
Barium	ug/L	100	102		102	80 - 120	P
Beryllium	ug/L	100	102		102	80 - 120	P
Cadmium	ug/L	100	96.0		96	80 - 120	P
Calcium	ug/L	500	530	J	106	80 - 120	P
Chromium	ug/L	200	205		102	80 - 120	P
Cobalt	ug/L	100	98.5		98	80 - 120	P
Copper	ug/L	150	156		104	80 - 120	P
Iron	ug/L	1500	1540		103	80 - 120	P
Lead	ug/L	500	478		96	80 - 120	P
Magnesium	ug/L	1000	1030		103	80 - 120	P
Manganese	ug/L	100	105		105	80 - 120	P
Nickel	ug/L	250	248		99	80 - 120	P
Potassium	ug/L	5000	5120		102	80 - 120	P
Selenium	ug/L	1000	986		99	80 - 120	P
Silver	ug/L	37.5	37.9		101	80 - 120	P
Sodium	ug/L	1500	1570		105	80 - 120	P
Thallium	ug/L	1000	889		89	80 - 120	P
Vanadium	ug/L	150	153		102	80 - 120	P
Zinc	ug/L	100	104		104	80 - 120	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Portal Partners Tri-Venture

SDG No.: Q2934

Contract: PORT06

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169413BS Mercury	ug/L	4.0	4.34		108	80 - 120	CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

ENV-SW02L

Lab Name: Alliance **Contract:** PORT06
Lab Code: ACE **Lb No.:** lb136951 **Lab Sample ID :** Q2934-02L **SDG No.:** Q2934
Matrix (soil/water): Water **Level (low/med):** LOW
Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ-ence	Q	M
		C		C			
Aluminum	182		206	J	13		P
Antimony	6.48	J	125	U	100.0		P
Arsenic	4.50	J	50.0	U	100.0		P
Barium	169		168	J	1		P
Beryllium	3.00	U	15.0	U			P
Cadmium	3.00	U	15.0	U			P
Calcium	37200		38200		3		P
Chromium	2.47	J	25.0	U	100.0		P
Cobalt	15.0	U	75.0	U			P
Copper	9.63	J	50.0	U	100.0		P
Iron	2360		2270		4		P
Lead	16.5		13.6	J	18		P
Magnesium	13500		13800		2		P
Manganese	467		475		2		P
Nickel	7.09	J	100	U	100.0		P
Potassium	23300		22100		5		P
Selenium	10.0	U	50.0	U			P
Silver	5.00	U	25.0	U			P
Sodium	52600		49500		6		P
Thallium	20.0	U	100	U			P
Vanadium	5.44	J	100	U	100.0		P
Zinc	14.9	J	100	U	100.0		P

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

COMP(1-6)L

Lab Name: Alliance

Contract: PORT06

Lab Code: ACE Lb No.: lb136975 Lab Sample ID : Q2940-01L SDG No.: Q2934

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

Concentration Units: ug/L

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

metals
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ANALYSIS RUN LOG

Client: Portal Partners Tri-Venture

Contract: PORT06

Lab code: ACE

Sdg no.: Q2934

Instrument id number:

Method:

Run number: LB136940

Start date: 08/22/2025

End date: 08/22/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1112	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	1116	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	1120	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	1124	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	1128	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	1133	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	1137	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	1145	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	1150	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	1156	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	1200	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	1204	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	1218	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	1222	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	1336	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	1340	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	1425	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	1430	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2934-01	ENV-SW01	1	1503	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2934-03	ENV-SW03	1	1507	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2934-04	ENV-SW04	1	1526	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	1544	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	1548	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	1630	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	1634	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: ACE

Sdg no.: Q2934

Instrument id number:

Method:

Run number: LB136951

Start date: 08/25/2025

End date: 08/25/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1118	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	1123	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	1127	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	1131	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	1135	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	1139	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	1144	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	1148	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	1153	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	1157	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	1202	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	1215	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	1233	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	1242	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB169358BL	PB169358BL	1	1301	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB169358BS	PB169358BS	1	1305	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2934-04	ENV-SW04	2	1317	Na
Q2934-02	ENV-SW02	1	1322	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2934-02DUP	ENV-SW02DUP	1	1326	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	1344	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	1348	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2934-02L	ENV-SW02L	5	1352	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2934-02MS	ENV-SW02MS	1	1357	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2934-02MSD	ENV-SW02MSD	1	1401	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2934-02A	ENV-SW02A	1	1405	Ag
CCV03	CCV03	1	1433	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1437	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1523	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	1527	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	1606	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	1610	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: ACE

Sdg no.: Q2934

Instrument id number: _____

Method: _____

Run number: LB136975

Start date: 08/27/2025

End date: 08/27/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0943	HG
S0.2	S0.2	1	0945	HG
S2.5	S2.5	1	0947	HG
S5	S5	1	0952	HG
S7.5	S7.5	1	0957	HG
S10	S10	1	1000	HG
ICV07	ICV07	1	1003	HG
ICB07	ICB07	1	1005	HG
CCV18	CCV18	1	1007	HG
CCB18	CCB18	1	1009	HG
CRA	CRA	1	1012	HG
PB169413BL	PB169413BL	1	1019	HG
PB169413BS	PB169413BS	1	1021	HG
Q2934-01	ENV-SW01	1	1024	HG
Q2934-02	ENV-SW02	1	1026	HG
Q2934-03	ENV-SW03	1	1028	HG
Q2934-04	ENV-SW04	1	1030	HG
CCV19	CCV19	1	1035	HG
CCB19	CCB19	1	1037	HG
Q2940-01DUP	COMP(1-6)DUP	1	1039	HG
Q2940-01MS	COMP(1-6)MS	1	1042	HG
Q2940-01MSD	COMP(1-6)MSD	1	1044	HG
Q2940-01L	COMP(1-6)L	5	1126	HG
CCV20	CCV20	1	1133	HG
CCB20	CCB20	1	1135	HG



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMEN CORRECTION FACTORS

Client: Portal Partners Tri-Venture

SDG No.: Q2934

Contract: PORT06

Lab Code: ACE

Instrument ID:

Date:

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement 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 INTERELEMEN CORRECTION FACTORS

Client: Portal Partners Tri-Venture

SDG No.: Q2934

Contract: PORT06

Lab Code: ACE

Instrument ID:

Date:

Interement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Portal Partners Tri-Venture

SDG No.: Q2934

Contract: PORT06

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Cr	Cu	K	Mn	Mo
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 INTERELEMEN CORRECTION FACTORS

Client: Portal Partners Tri-Venture

SDG No.: Q2934

Contract: PORT06

Lab Code: ACE

Instrument ID:

Date:

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement 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 INTERELEMEN CORRECTION FACTORS

Client: Portal Partners Tri-Venture

SDG No.: Q2934

Contract: PORT06

Lab Code: ACE

Instrument ID:

Date:

Interement Correction Factors (apparent ppb analyte/ppm interferent)

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

LAB CHRONICLE

OrderID:	Q2934	OrderDate:	8/21/2025 2:34:00 PM
Client:	Portal Partners Tri-Venture	Project:	Amtrak Sawtooth Bridges 2025
Contact:	Joseph Krupansky	Location:	D41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2934-01	ENV-SW01	Water	Mercury	7470A	08/21/25	08/26/25	08/27/25	08/21/25
			Metals ICP-TAL	6010D		08/22/25	08/22/25	
Q2934-02	ENV-SW02	Water	Mercury	7470A	08/21/25	08/26/25	08/27/25	08/21/25
			Metals ICP-TAL	6010D		08/22/25	08/25/25	
Q2934-03	ENV-SW03	Water	Mercury	7470A	08/21/25	08/26/25	08/27/25	08/21/25
			Metals ICP-TAL	6010D		08/22/25	08/22/25	
Q2934-04	ENV-SW04	Water	Mercury	7470A	08/21/25	08/26/25	08/27/25	08/21/25
			Metals ICP-TAL	6010D		08/22/25	08/22/25	
			Metals ICP-TAL	6010D		08/22/25	08/25/25	



METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client: Portal Partners Tri-Venture

SDG No.: Q2934

Contract: PORT06

Lab Code: ACE

Method: _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB169358							
PB169358BL	PB169358BL	MB	WATER	08/22/2025	50.0	25.0	
PB169358BS	PB169358BS	LCS	WATER	08/22/2025	50.0	25.0	
Q2934-01	ENV-SW01	SAM	WATER	08/22/2025	50.0	25.0	
Q2934-02	ENV-SW02	SAM	WATER	08/22/2025	50.0	25.0	
Q2934-02DUP	ENV-SW02DUP	DUP	WATER	08/22/2025	50.0	25.0	
Q2934-02MS	ENV-SW02MS	MS	WATER	08/22/2025	50.0	25.0	
Q2934-02MSD	ENV-SW02MSD	MSD	WATER	08/22/2025	50.0	25.0	
Q2934-03	ENV-SW03	SAM	WATER	08/22/2025	50.0	25.0	
Q2934-04	ENV-SW04	SAM	WATER	08/22/2025	50.0	25.0	

Metals

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SAMPLE PREPARATION SUMMARY

Client: Portal Partners Tri-Venture

SDG No.: Q2934

Contract: PORT06

Lab Code: ACE

Method:

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB169413							
PB169413BL	PB169413BL	MB	WATER	08/26/2025	30.0	30.0	
PB169413BS	PB169413BS	LCS	WATER	08/26/2025	30.0	30.0	
Q2934-01	ENV-SW01	SAM	WATER	08/26/2025	30.0	30.0	
Q2934-02	ENV-SW02	SAM	WATER	08/26/2025	30.0	30.0	
Q2934-03	ENV-SW03	SAM	WATER	08/26/2025	30.0	30.0	
Q2934-04	ENV-SW04	SAM	WATER	08/26/2025	30.0	30.0	
Q2940-01DUP	COMP(1-6)DUP	DUP	WATER	08/26/2025	30.0	30.0	
Q2940-01MS	COMP(1-6)MS	MS	WATER	08/26/2025	30.0	30.0	
Q2940-01MSD	COMP(1-6)MSD	MSD	WATER	08/26/2025	30.0	30.0	

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136940

Review By	Janvi	Review On	8/25/2025 10:18:24 AM
Supervise By	jaswal	Supervise On	8/25/2025 10:05:20 PM
STD. NAME	STD REF.#		
ICAL Standard	MP86640,MP86656,MP86653,MP86643,MP86642,MP86641		
ICV Standard	MP86645,MP86656		
CCV Standard	MP86646		
ICSA Standard	MP86651,MP86652		
CRI Standard	MP86656		
LCS Standard			
Chk Standard	MP86647,MP86648		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	08/22/25 11:12		Jaswal	OK
2	S1	S1	CAL2	08/22/25 11:16		Jaswal	OK
3	S2	S2	CAL3	08/22/25 11:20		Jaswal	OK
4	S3	S3	CAL4	08/22/25 11:24		Jaswal	OK
5	S4	S4	CAL5	08/22/25 11:28		Jaswal	OK
6	S5	S5	CAL6	08/22/25 11:33		Jaswal	OK
7	ICV01	ICV01	ICV	08/22/25 11:37		Jaswal	OK
8	LLICV01	LLICV01	LLICV	08/22/25 11:45		Jaswal	OK
9	ICB01	ICB01	ICB	08/22/25 11:50		Jaswal	OK
10	CRI01	CRI01	CRDL	08/22/25 11:56		Jaswal	OK
11	ICSA01	ICSA01	ICSA	08/22/25 12:00		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	08/22/25 12:04		Jaswal	OK
13	ICSADL	ICSADL	ICSA	08/22/25 12:09		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	08/22/25 12:13		Jaswal	OK
15	CCV01	CCV01	CCV	08/22/25 12:18		Jaswal	OK
16	CCB01	CCB01	CCB	08/22/25 12:22		Jaswal	OK
17	LR-2	LR-2	HIGH STD	08/22/25 12:31		Jaswal	OK
18	LR-3	LR-3	HIGH STD	08/22/25 12:35		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136940

Review By	Janvi	Review On	8/25/2025 10:18:24 AM
Supervise By	jaswal	Supervise On	8/25/2025 10:05:20 PM
STD. NAME	STD REF.#		
ICAL Standard	MP86640,MP86656,MP86653,MP86643,MP86642,MP86641		
ICV Standard	MP86645,MP86656		
CCV Standard	MP86646		
ICSA Standard	MP86651,MP86652		
CRI Standard	MP86656		
LCS Standard			
Chk Standard	MP86647,MP86648		

19	PB169324BL	PB169324BL	MB	08/22/25 12:45		Jaswal	OK
20	Q2902-04	OUTFALL-DSN-002	SAM	08/22/25 13:07		Jaswal	OK
21	Q2902-04DUP	OUTFALL-DSN-002D	DUP	08/22/25 13:14		Jaswal	OK
22	LR-1	LR-1	HIGH STD	08/22/25 13:19		Jaswal	OK
23	Q2902-04L	OUTFALL-DSN-002L	SD	08/22/25 13:27		Jaswal	OK
24	Q2902-04MS	OUTFALL-DSN-002M	MS	08/22/25 13:32		Jaswal	OK
25	CCV02	CCV02	CCV	08/22/25 13:36		Jaswal	OK
26	CCB02	CCB02	CCB	08/22/25 13:40		Jaswal	OK
27	Q2902-04MSD	OUTFALL-DSN-002M	MSD	08/22/25 13:44		Jaswal	OK
28	Q2902-04A	OUTFALL-DSN-002A	PS	08/22/25 13:48	0.1ML OF M6004 AND M6017 IN 10ML SAMPLE.	Jaswal	OK
29	Q2904-01	001 willets Pt Blvd(july	SAM	08/22/25 13:52		Jaswal	OK
30	Q2904-02	002 35th Ave (JULY)	SAM	08/22/25 13:56		Jaswal	OK
31	PB169324BS	PB169324BS	LCS	08/22/25 14:00		Jaswal	OK
32	PB169338BL	PB169338BL	MB	08/22/25 14:04		Jaswal	OK
33	PB169338BS	PB169338BS	LCS	08/22/25 14:09		Jaswal	OK
34	Q2909-03	4066	SAM	08/22/25 14:13		Jaswal	OK
35	Q2909-04	4067	SAM	08/22/25 14:17		Jaswal	OK
36	Q2909-04DUP	4067DUP	DUP	08/22/25 14:21		Jaswal	OK
37	CCV03	CCV03	CCV	08/22/25 14:25		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136940

Review By	Janvi	Review On	8/25/2025 10:18:24 AM
Supervise By	jaswal	Supervise On	8/25/2025 10:05:20 PM
STD. NAME	STD REF.#		
ICAL Standard	MP86640,MP86656,MP86653,MP86643,MP86642,MP86641		
ICV Standard	MP86645,MP86656		
CCV Standard	MP86646		
ICSA Standard	MP86651,MP86652		
CRI Standard	MP86656		
LCS Standard			
Chk Standard	MP86647,MP86648		

38	CCB03	CCB03	CCB	08/22/25 14:30		Jaswal	OK
39	Q2909-04L	4067L	SD	08/22/25 14:34		Jaswal	OK
40	Q2909-04A	4067A	PS	08/22/25 14:46	0.1ML OF M6004 AND M6017 IN 10ML SAMPLE.	Jaswal	OK
41	PB169332BL	PB169332BL	MB	08/22/25 14:50		Jaswal	OK
42	PB169332BS	PB169332BS	LCS	08/22/25 14:55		Jaswal	OK
43	Q2927-01	A6121M	SAM	08/22/25 14:59		Jaswal	OK
44	Q2934-01	ENV-SW01	SAM	08/22/25 15:03		Jaswal	OK
45	Q2934-03	ENV-SW03	SAM	08/22/25 15:07		Jaswal	OK
46	Q2909-04MS	4067MS	MS	08/22/25 15:12		Jaswal	OK
47	Q2909-04MSD	4067MSD	MSD	08/22/25 15:22		Jaswal	OK
48	Q2934-04	ENV-SW04	SAM	08/22/25 15:26	Na high	Jaswal	Dilution
49	CCV04	CCV04	CCV	08/22/25 15:44		Jaswal	OK
50	CCB04	CCB04	CCB	08/22/25 15:48		Jaswal	OK
51	Q2934-02	ENV-SW02	SAM	08/22/25 15:53	NOT USE	Jaswal	Not Ok
52	Q2934-02DUP	ENV-SW02DUP	DUP	08/22/25 15:57	NOT USE	Jaswal	Not Ok
53	Q2934-02L	ENV-SW02L	SD	08/22/25 16:01	NOT USE	Jaswal	Not Ok
54	Q2934-02MS	ENV-SW02MS	MS	08/22/25 16:05	NOT USE	Jaswal	Not Ok
55	Q2934-02MSD	ENV-SW02MSD	MSD	08/22/25 16:09	NOT USE	Jaswal	Not Ok
56	Q2934-02A	ENV-SW02A	PS	08/22/25 16:13	NOT USE	Jaswal	Not Ok

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136940

Review By	Janvi	Review On	8/25/2025 10:18:24 AM
Supervise By	jaswal	Supervise On	8/25/2025 10:05:20 PM
STD. NAME	STD REF.#		
ICAL Standard	MP86640,MP86656,MP86653,MP86643,MP86642,MP86641		
ICV Standard	MP86645,MP86656		
CCV Standard	MP86646		
ICSA Standard	MP86651,MP86652		
CRI Standard	MP86656		
LCS Standard			
Chk Standard	MP86647,MP86648		

57	PB169358BL	PB169358BL	MB	08/22/25 16:17	NOT USE	Jaswal	Not Ok
58	PB169358BS	PB169358BS	LCS	08/22/25 16:21	NOT USE	Jaswal	Not Ok
59	Q2934-04DL	ENV-SW04DL	SAM	08/22/25 16:25	NOT USE	Jaswal	Not Ok
60	CCV05	CCV05	CCV	08/22/25 16:30	CCV fail for TI	Jaswal	OK
61	CCB05	CCB05	CCB	08/22/25 16:34		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136951

Review By	Janvi	Review On	8/26/2025 1:00:45 PM
Supervise By	jaswal	Supervise On	8/27/2025 10:19:36 PM
STD. NAME	STD REF.#		
ICAL Standard	MP86640,MP86656,MP86653,MP86643,MP86642,MP86641		
ICV Standard	MP86645,MP86656		
CCV Standard	MP86646		
ICSA Standard	MP86651,MP86752		
CRI Standard	MP86656		
LCS Standard			
Chk Standard	MP86647,MP86648		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	08/25/25 11:18		Jaswal	OK
2	S1	S1	CAL2	08/25/25 11:23		Jaswal	OK
3	S2	S2	CAL3	08/25/25 11:27		Jaswal	OK
4	S3	S3	CAL4	08/25/25 11:31		Jaswal	OK
5	S4	S4	CAL5	08/25/25 11:35		Jaswal	OK
6	S5	S5	CAL6	08/25/25 11:39		Jaswal	OK
7	ICV01	ICV01	ICV	08/25/25 11:44		Jaswal	OK
8	LLICV01	LLICV01	LLICV	08/25/25 11:48		Jaswal	OK
9	ICB01	ICB01	ICB	08/25/25 11:53		Jaswal	OK
10	CRI01	CRI01	CRDL	08/25/25 11:57		Jaswal	OK
11	ICSA01	ICSA01	ICSA	08/25/25 12:02		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	08/25/25 12:15		Jaswal	OK
13	ICSADL	ICSADL	ICSA	08/25/25 12:19		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	08/25/25 12:23		Jaswal	OK
15	CCV01	CCV01	CCV	08/25/25 12:33		Jaswal	OK
16	CCB01	CCB01	CCB	08/25/25 12:42		Jaswal	OK
17	LR-1	LR-1	HIGH STD	08/25/25 12:47		Jaswal	OK
18	LR-2	LR-2	HIGH STD	08/25/25 12:51		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136951

Review By	Janvi	Review On	8/26/2025 1:00:45 PM
Supervise By	jaswal	Supervise On	8/27/2025 10:19:36 PM
STD. NAME	STD REF.#		
ICAL Standard	MP86640,MP86656,MP86653,MP86643,MP86642,MP86641		
ICV Standard	MP86645,MP86656		
CCV Standard	MP86646		
ICSA Standard	MP86651,MP86752		
CRI Standard	MP86656		
LCS Standard			
Chk Standard	MP86647,MP86648		

19	LR-3	LR-3	HIGH STD	08/25/25 12:56		Jaswal	OK
20	PB169358BL	PB169358BL	MB	08/25/25 13:01		Jaswal	OK
21	PB169358BS	PB169358BS	LCS	08/25/25 13:05		Jaswal	OK
22	PB169357BL	PB169357BL	MB	08/25/25 13:09		Jaswal	OK
23	PB169357BS	PB169357BS	LCS	08/25/25 13:13		Jaswal	OK
24	Q2934-04DL	ENV-SW04DL	SAM	08/25/25 13:17	2x for Na	Jaswal	Confirms
25	Q2934-02	ENV-SW02	SAM	08/25/25 13:22		Jaswal	OK
26	Q2934-02DUP	ENV-SW02DUP	DUP	08/25/25 13:26		Jaswal	OK
27	CCV02	CCV02	CCV	08/25/25 13:44		Jaswal	OK
28	CCB02	CCB02	CCB	08/25/25 13:48		Jaswal	OK
29	Q2934-02L	ENV-SW02L	SD	08/25/25 13:52		Jaswal	OK
30	Q2934-02MS	ENV-SW02MS	MS	08/25/25 13:57		Jaswal	OK
31	Q2934-02MSD	ENV-SW02MSD	MSD	08/25/25 14:01		Jaswal	OK
32	Q2934-02A	ENV-SW02A	PS	08/25/25 14:05	0.1 ML OF M6004 AND M6017 EACH IN 10ML SAMPLE.	Jaswal	OK
33	Q2926-01	TR-04-08212025	SAM	08/25/25 14:08		Jaswal	OK
34	Q2928-01	27-BELL	SAM	08/25/25 14:12		Jaswal	OK
35	Q2932-01	ARS20-0009	SAM	08/25/25 14:16		Jaswal	OK
36	Q2932-03	ARS20-0002-SOIL	SAM	08/25/25 14:21		Jaswal	OK
37	Q2932-05	ARS20-0002-CONCR	SAM	08/25/25 14:25		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136951

Review By	Janvi	Review On	8/26/2025 1:00:45 PM
Supervise By	jaswal	Supervise On	8/27/2025 10:19:36 PM
STD. NAME	STD REF.#		
ICAL Standard	MP86640,MP86656,MP86653,MP86643,MP86642,MP86641		
ICV Standard	MP86645,MP86656		
CCV Standard	MP86646		
ICSA Standard	MP86651,MP86752		
CRI Standard	MP86656		
LCS Standard			
Chk Standard	MP86647,MP86648		

38	Q2933-02	25-SEPTIC	SAM	08/25/25 14:29		Jaswal	OK
39	CCV03	CCV03	CCV	08/25/25 14:33		Jaswal	OK
40	CCB03	CCB03	CCB	08/25/25 14:37		Jaswal	OK
41	Q2933-04	29-SEPTIC	SAM	08/25/25 14:41		Jaswal	OK
42	Q2933-04DUP	29-SEPTICDUP	DUP	08/25/25 14:46		Jaswal	OK
43	Q2933-04L	29-SEPTICL	SD	08/25/25 14:50		Jaswal	OK
44	Q2933-04MS	29-SEPTICMS	MS	08/25/25 14:54		Jaswal	OK
45	Q2933-04MSD	29-SEPTICMSD	MSD	08/25/25 14:58		Jaswal	OK
46	Q2933-04A	29-SEPTICA	PS	08/25/25 15:02	0.1 ML OF M6004 AND M6017 EACH IN 10ML SAMPLE.	Jaswal	OK
47	PB169378BL	PB169378BL	MB	08/25/25 15:06		Jaswal	OK
48	PB169378BS	PB169378BS	LCS	08/25/25 15:10		Jaswal	OK
49	Q2932-02	ARS20-0009	SAM	08/25/25 15:14		Jaswal	OK
50	Q2932-04	ARS20-0002-SOIL	SAM	08/25/25 15:19		Jaswal	OK
51	CCV04	CCV04	CCV	08/25/25 15:23		Jaswal	OK
52	CCB04	CCB04	CCB	08/25/25 15:27		Jaswal	OK
53	Q2941-02	SOIL-COMP(1-2)	SAM	08/25/25 15:36		Jaswal	OK
54	Q2941-02DUP	SOIL-COMP(1-2)DUP	DUP	08/25/25 15:40		Jaswal	OK
55	Q2941-02L	SOIL-COMP(1-2)L	SD	08/25/25 15:45		Jaswal	OK
56	Q2941-02MS	SOIL-COMP(1-2)MS	MS	08/25/25 15:49		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136951

Review By	Janvi	Review On	8/26/2025 1:00:45 PM
Supervise By	jaswal	Supervise On	8/27/2025 10:19:36 PM
STD. NAME	STD REF.#		
ICAL Standard	MP86640,MP86656,MP86653,MP86643,MP86642,MP86641		
ICV Standard	MP86645,MP86656		
CCV Standard	MP86646		
ICSA Standard	MP86651,MP86752		
CRI Standard	MP86656		
LCS Standard			
Chk Standard	MP86647,MP86648		

57	Q2941-02MSD	SOIL-COMP(1-2)MSD	MSD	08/25/25 15:53		Jaswal	OK
58	Q2941-02A	SOIL-COMP(1-2)A	PS	08/25/25 15:57	0.1 ML OF M6004 AND M6017 EACH IN 10ML SAMPLE.	Jaswal	OK
59	PB169355TB	PB169355TB	MB	08/25/25 16:01		Jaswal	OK
60	CCV05	CCV05	CCV	08/25/25 16:06		Jaswal	OK
61	CCB05	CCB05	CCB	08/25/25 16:10		Jaswal	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136975

Review By	Sagar	Review On	8/28/2025 11:01:29 AM
Supervise By	jaswal	Supervise On	8/28/2025 5:31:56 PM
STD. NAME	STD REF.#		
ICAL Standard	MP86920,MP86922,MP86923,MP86924,MP86925,MP86926		
ICV Standard	MP86927		
CCV Standard	MP869029		
ICSA Standard			
CRI Standard	MP86932		
LCS Standard			
Chk Standard	MP86928,MP86930,MP86931,MP86940		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	08/27/25 09:43		mohan	OK
2	S0.2	S0.2	CAL2	08/27/25 09:45		mohan	OK
3	S2.5	S2.5	CAL3	08/27/25 09:47		mohan	OK
4	S5	S5	CAL4	08/27/25 09:52		mohan	OK
5	S7.5	S7.5	CAL5	08/27/25 09:57		mohan	OK
6	S10	S10	CAL6	08/27/25 10:00		mohan	OK
7	ICV07	ICV07	ICV	08/27/25 10:03		mohan	OK
8	ICB07	ICB07	ICB	08/27/25 10:05		mohan	OK
9	CCV18	CCV18	CCV	08/27/25 10:07		mohan	OK
10	CCB18	CCB18	CCB	08/27/25 10:09		mohan	OK
11	CRA	CRA	CRDL	08/27/25 10:12		mohan	OK
12	HighStd	HighStd	HIGH STD	08/27/25 10:14		mohan	OK
13	ChkStd	ChkStd	SAM	08/27/25 10:17		mohan	OK
14	PB169413BL	PB169413BL	MB	08/27/25 10:19		mohan	OK
15	PB169413BS	PB169413BS	LCS	08/27/25 10:21		mohan	OK
16	Q2934-01	ENV-SW01	SAM	08/27/25 10:24		mohan	OK
17	Q2934-02	ENV-SW02	SAM	08/27/25 10:26		mohan	OK
18	Q2934-03	ENV-SW03	SAM	08/27/25 10:28		mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136975

Review By	Sagar	Review On	8/28/2025 11:01:29 AM
Supervise By	jaswal	Supervise On	8/28/2025 5:31:56 PM

STD. NAME	STD REF.#
ICAL Standard	MP86920,MP86922,MP86923,MP86924,MP86925,MP86926
ICV Standard	MP86927
CCV Standard	MP869029
ICSA Standard	
CRI Standard	MP86932
LCS Standard	
Chk Standard	MP86928,MP86930,MP86931,MP86940

19	Q2934-04	ENV-SW04	SAM	08/27/25 10:30		mohan	OK
20	Q2940-01	COMP(1-6)	SAM	08/27/25 10:33		mohan	OK
21	CCV19	CCV19	CCV	08/27/25 10:35		mohan	OK
22	CCB19	CCB19	CCB	08/27/25 10:37		mohan	OK
23	Q2940-01DUP	COMP(1-6)DUP	DUP	08/27/25 10:39		mohan	OK
24	Q2940-01MS	COMP(1-6)MS	MS	08/27/25 10:42		mohan	OK
25	Q2940-01MSD	COMP(1-6)MSD	MSD	08/27/25 10:44		mohan	OK
26	Q2954-11	BRIDGE	SAM	08/27/25 10:46		mohan	OK
27	Q2961-01	4075	SAM	08/27/25 10:49		mohan	OK
28	Q2940-01L	COMP(1-6)L	SD	08/27/25 11:26		mohan	OK
29	Q2940-01A	COMP(1-6)A	PS	08/27/25 11:28		mohan	OK
30	CCV20	CCV20	CCV	08/27/25 11:33		mohan	OK
31	CCB20	CCB20	CCB	08/27/25 11:35		mohan	OK

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pipette ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

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

Start Digest Date: 08/22/2025 Time : 10:30 Temp : 97 °C

End Digest Date: 08/22/2025 Time : 13:32 Temp : 98 °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

Standard Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6180
LFS-2	0.25	M6181
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#1 CELL#50 97C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
08/22/25 14:32	SPS met dia.	[Signature] metal lab
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB169358BL	PBW358	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	1
PB169358BS	LCS358	<2	50	25	Colorless	Colorless	Clear	Clear	M6180,M6181	2
Q2927-01	A6121M	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	3
Q2934-01	ENV-SW01	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	4
Q2934-02	ENV-SW02	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	5
Q2934-02MS	ENV-SW02MS	<2	50	25	Colorless	Colorless	Clear	Clear	M6180,M6181	7
Q2934-02MSD	ENV-SW02MSD	<2	50	25	Colorless	Colorless	Clear	Clear	M6180,M6181	8
Q2934-02DUP	ENV-SW02DUP	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	6
Q2934-03	ENV-SW03	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	9
Q2934-04	ENV-SW04	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	10

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: 08/26/2025 Time : 15:05 Temp : 94 °C

End Digest Date: 08/26/2025 Time : 17:05 Temp : 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: *MB*

Supervisor Signature: *92*

Temp : 1. 94°C 2. N/A

Standardized Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP86927
CCV	30mL	MP86929
CRA	30mL	MP86932
Blank Spike	0.48mL	MP86919
Matrix Spike	0.48mL	MP86919

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.25mL	MP85892
KMnO4 (5%)	4.5mL	MP85893
K2S2O8 (5%)	2.4mL	MP85894
Hydroxylamine HCL (12%)	1.8mL	MP85895
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	30MI	MP86920
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30MI	MP86922
2.5 ppb	S2.5	30MI	MP86923
5.0 ppb	S5.0	30MI	MP86924
7.5 ppb	S7.5	30MI	MP86925
10.0 ppb	S10.0	30MI	MP86926
ICV	ICV	30MI	MP86927
ICB	ICB	30MI	MP86928
CCV	CCV	30MI	MP86929
CCB	CCB	30MI	MP86930
CRI	CRI	30MI	MP86932
CHK STD	CHK STD	30MI	MP86931

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
8/26/2025 17:40	<i>MB - Dig. Lab</i>	<i>MB - metal Lab</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB169413BL	PBW413	30	30	<2	N/A	3-1
PB169413BS	LCS413	30	30	<2	MP86919	2
Q2934-01	ENV-SW01	30	30	<2	N/A	3
Q2934-02	ENV-SW02	30	30	<2	N/A	4
Q2934-03	ENV-SW03	30	30	<2	N/A	5
Q2934-04	ENV-SW04	30	30	<2	N/A	6
Q2940-01	COMP(1-6)	30	30	<2	N/A	7
Q2940-01DUP	COMP(1-6)DUP	30	30	<2	N/A	8
Q2940-01MS	COMP(1-6)MS	30	30	<2	MP86919	9
Q2940-01MSD	COMP(1-6)MSD	30	30	<2	MP86919	10
Q2954-11	BRIDGE	30	30	<2	N/A	11
Q2961-01	4075	30	30	<2	N/A	12