

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME2931

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51900 MA No. : 3114.1 SDG No.: ME2931

Matrix: Water Lab Sample ID: Q1176-01

% Solids: _____ Date Received: 01/23/2025

Analytical Method: ICP_MS

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): $\mu\text{g/L}$

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	20	U	01/28/2025	1422
7440-36-0	Antimony	0.19	J	01/28/2025	1422
7440-38-2	Arsenic	4.1		01/28/2025	1422
7440-39-3	Barium	27		01/28/2025	1422
7440-41-7	Beryllium	1.0	U	01/28/2025	1422
7440-43-9	Cadmium	0.26	J	01/28/2025	1422
7440-70-2	Calcium	500000		01/28/2025	1422
7440-47-3	Chromium	2.0	U	01/28/2025	1422
7440-48-4	Cobalt	1.5		01/28/2025	1422
7440-50-8	Copper	2.0	U	01/28/2025	1422
7439-89-6	Iron	790		01/28/2025	1422
7439-92-1	Lead	0.28	J	01/28/2025	1422
7439-95-4	Magnesium	110000		01/28/2025	1422
7439-96-5	Manganese	1000		01/28/2025	1422
7440-02-0	Nickel	21		01/28/2025	1422
7440-09-7	Potassium	270000	D	01/28/2025	1556
7782-49-2	Selenium	1.4	J*	01/28/2025	1422
7440-22-4	Silver	1.0	U	01/28/2025	1422
7440-23-5	Sodium	210000		01/28/2025	1422
7440-28-0	Thallium	1.0	U	01/28/2025	1422
7440-62-2	Vanadium	0.21	J	01/28/2025	1422
7440-66-6	Zinc	1.2	J	01/28/2025	1422
Hardness	Hardness (total)	1700		01/28/2025	1422

NOTE: Hardness (total) is reported in mg/L

Comments:

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EPA SAMPLE NO.

ME2932

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51900 MA No. : 3114.1 SDG No.: ME2931
 Matrix: Water Lab Sample ID: Q1176-14
 % Solids: _____ Date Received: 01/23/2025
 Analytical Method: ICP_MS
 Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	290		01/28/2025	1514
7440-36-0	Antimony	0.80	J	01/28/2025	1514
7440-38-2	Arsenic	5.0		01/28/2025	1514
7440-39-3	Barium	100		01/28/2025	1514
7440-41-7	Beryllium	1.0	U	01/28/2025	1514
7440-43-9	Cadmium	1.0	U	01/28/2025	1514
7440-70-2	Calcium	190000		01/28/2025	1514
7440-47-3	Chromium	4.1		01/28/2025	1514
7440-48-4	Cobalt	2.3		01/28/2025	1514
7440-50-8	Copper	27		01/28/2025	1514
7439-89-6	Iron	90	J	01/28/2025	1514
7439-92-1	Lead	0.41	J	01/28/2025	1514
7439-95-4	Magnesium	1600		01/28/2025	1514
7439-96-5	Manganese	7.9		01/28/2025	1514
7440-02-0	Nickel	25		01/28/2025	1514
7440-09-7	Potassium	41000		01/28/2025	1514
7782-49-2	Selenium	1.5	J*	01/28/2025	1514
7440-22-4	Silver	1.0	U	01/28/2025	1514
7440-23-5	Sodium	74000		01/28/2025	1514
7440-28-0	Thallium	1.0	U	01/28/2025	1514
7440-62-2	Vanadium	17		01/28/2025	1514
7440-66-6	Zinc	20		01/28/2025	1514
Hardness	Hardness (total)	480		01/28/2025	1514

NOTE: Hardness (total) is reported in mg/L

Comments:

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EPA SAMPLE NO.

ME2933

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51900 MA No. : 3114.1 SDG No.: ME2931
 Matrix: Water Lab Sample ID: Q1176-02
 % Solids: _____ Date Received: 01/23/2025
 Analytical Method: ICP_MS
 Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	9.2	J	01/28/2025	1425
7440-36-0	Antimony	2.0	U	01/28/2025	1425
7440-38-2	Arsenic	0.79	J	01/28/2025	1425
7440-39-3	Barium	67		01/28/2025	1425
7440-41-7	Beryllium	1.0	U	01/28/2025	1425
7440-43-9	Cadmium	1.0	U	01/28/2025	1425
7440-70-2	Calcium	170000		01/28/2025	1425
7440-47-3	Chromium	2.0	U	01/28/2025	1425
7440-48-4	Cobalt	0.54	J	01/28/2025	1425
7440-50-8	Copper	2.0	U	01/28/2025	1425
7439-89-6	Iron	150	J	01/28/2025	1425
7439-92-1	Lead	1.0	U	01/28/2025	1425
7439-95-4	Magnesium	46000		01/28/2025	1425
7439-96-5	Manganese	99		01/28/2025	1425
7440-02-0	Nickel	1.5		01/28/2025	1425
7440-09-7	Potassium	2300		01/28/2025	1425
7782-49-2	Selenium	5.0	U*	01/28/2025	1425
7440-22-4	Silver	1.0	U	01/28/2025	1425
7440-23-5	Sodium	18000		01/28/2025	1425
7440-28-0	Thallium	1.0	U	01/28/2025	1425
7440-62-2	Vanadium	1.8	J	01/28/2025	1425
7440-66-6	Zinc	0.99	J	01/28/2025	1425
Hardness	Hardness (total)	610		01/28/2025	1425

NOTE: Hardness (total) is reported in mg/L

Comments:

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EPA SAMPLE NO.

ME2934

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51900 MA No. : 3114.1 SDG No.: ME2931
 Matrix: Water Lab Sample ID: Q1176-16
 % Solids: _____ Date Received: 01/23/2025
 Analytical Method: ICP_MS
 Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	860		01/28/2025	1521
7440-36-0	Antimony	3.0		01/28/2025	1521
7440-38-2	Arsenic	10		01/28/2025	1521
7440-39-3	Barium	60		01/28/2025	1521
7440-41-7	Beryllium	1.0	U	01/28/2025	1521
7440-43-9	Cadmium	1.0	U	01/28/2025	1521
7440-70-2	Calcium	120000		01/28/2025	1521
7440-47-3	Chromium	0.66	J	01/28/2025	1521
7440-48-4	Cobalt	1.3		01/28/2025	1521
7440-50-8	Copper	7.4		01/28/2025	1521
7439-89-6	Iron	71	J	01/28/2025	1521
7439-92-1	Lead	0.34	J	01/28/2025	1521
7439-95-4	Magnesium	48	J	01/28/2025	1521
7439-96-5	Manganese	1.8		01/28/2025	1521
7440-02-0	Nickel	47		01/28/2025	1521
7440-09-7	Potassium	42000		01/28/2025	1521
7782-49-2	Selenium	2.2	J*	01/28/2025	1521
7440-22-4	Silver	1.0	U	01/28/2025	1521
7440-23-5	Sodium	100000		01/28/2025	1521
7440-28-0	Thallium	1.0	U	01/28/2025	1521
7440-62-2	Vanadium	8.9		01/28/2025	1521
7440-66-6	Zinc	1.7	J	01/28/2025	1521
Hardness	Hardness (total)	300		01/28/2025	1521

NOTE: Hardness (total) is reported in mg/L

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EPA SAMPLE NO.

ME2935

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51900 MA No. : 3114.1 SDG No.: ME2931
 Matrix: Water Lab Sample ID: Q1176-17
 % Solids: _____ Date Received: 01/23/2025
 Analytical Method: ICP_MS
 Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	17	J	01/28/2025	1524
7440-36-0	Antimony	2.0	U	01/28/2025	1524
7440-38-2	Arsenic	1.0	U	01/28/2025	1524
7440-39-3	Barium	10		01/28/2025	1524
7440-41-7	Beryllium	1.0	U	01/28/2025	1524
7440-43-9	Cadmium	1.0	U	01/28/2025	1524
7440-70-2	Calcium	420000		01/28/2025	1524
7440-47-3	Chromium	0.10	J	01/28/2025	1524
7440-48-4	Cobalt	1.0	U	01/28/2025	1524
7440-50-8	Copper	2.0	U	01/28/2025	1524
7439-89-6	Iron	2700		01/28/2025	1524
7439-92-1	Lead	1.0	U	01/28/2025	1524
7439-95-4	Magnesium	130000		01/28/2025	1524
7439-96-5	Manganese	49		01/28/2025	1524
7440-02-0	Nickel	0.59	J	01/28/2025	1524
7440-09-7	Potassium	4100		01/28/2025	1524
7782-49-2	Selenium	5.0	U*	01/28/2025	1524
7440-22-4	Silver	1.0	U	01/28/2025	1524
7440-23-5	Sodium	34000		01/28/2025	1524
7440-28-0	Thallium	1.0	U	01/28/2025	1524
7440-62-2	Vanadium	0.16	J	01/28/2025	1524
7440-66-6	Zinc	1.0	J	01/28/2025	1524
Hardness	Hardness (total)	1600		01/28/2025	1524

NOTE: Hardness (total) is reported in mg/L

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EPA SAMPLE NO.

ME2936

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51900 MA No. : 3114.1 SDG No.: ME2931
Matrix: Water Lab Sample ID: Q1176-15
% Solids: _____ Date Received: 01/23/2025
Analytical Method: ICP_MS
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	20	U	01/28/2025	1517
7440-36-0	Antimony	2.0	U	01/28/2025	1517
7440-38-2	Arsenic	1.0	U	01/28/2025	1517
7440-39-3	Barium	15		01/28/2025	1517
7440-41-7	Beryllium	1.0	U	01/28/2025	1517
7440-43-9	Cadmium	1.0	U	01/28/2025	1517
7440-70-2	Calcium	190000		01/28/2025	1517
7440-47-3	Chromium	2.0	U	01/28/2025	1517
7440-48-4	Cobalt	1.0	U	01/28/2025	1517
7440-50-8	Copper	2.0	U	01/28/2025	1517
7439-89-6	Iron	310		01/28/2025	1517
7439-92-1	Lead	1.0	U	01/28/2025	1517
7439-95-4	Magnesium	53000		01/28/2025	1517
7439-96-5	Manganese	33		01/28/2025	1517
7440-02-0	Nickel	0.29	J	01/28/2025	1517
7440-09-7	Potassium	2700		01/28/2025	1517
7782-49-2	Selenium	5.0	U*	01/28/2025	1517
7440-22-4	Silver	1.0	U	01/28/2025	1517
7440-23-5	Sodium	17000		01/28/2025	1517
7440-28-0	Thallium	1.0	U	01/28/2025	1517
7440-62-2	Vanadium	5.0	U	01/28/2025	1517
7440-66-6	Zinc	1.5	J	01/28/2025	1517
Hardness	Hardness (total)	690		01/28/2025	1517

NOTE: Hardness (total) is reported in mg/L

Comments:

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EPA SAMPLE NO.

ME2937

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51900 MA No. : 3114.1 SDG No.: ME2931
 Matrix: Water Lab Sample ID: Q1176-03
 % Solids: _____ Date Received: 01/23/2025
 Analytical Method: ICP_MS
 Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	760		01/28/2025	1428
7440-36-0	Antimony	0.54	J	01/28/2025	1428
7440-38-2	Arsenic	9.4		01/28/2025	1428
7440-39-3	Barium	73		01/28/2025	1428
7440-41-7	Beryllium	1.0	U	01/28/2025	1428
7440-43-9	Cadmium	1.0	U	01/28/2025	1428
7440-70-2	Calcium	70000		01/28/2025	1428
7440-47-3	Chromium	2.0	U	01/28/2025	1428
7440-48-4	Cobalt	1.2		01/28/2025	1428
7440-50-8	Copper	2.0	U	01/28/2025	1428
7439-89-6	Iron	37	J	01/28/2025	1428
7439-92-1	Lead	1.0	U	01/28/2025	1428
7439-95-4	Magnesium	500	U	01/28/2025	1428
7439-96-5	Manganese	1.3		01/28/2025	1428
7440-02-0	Nickel	36		01/28/2025	1428
7440-09-7	Potassium	54000		01/28/2025	1428
7782-49-2	Selenium	1.5	J*	01/28/2025	1428
7440-22-4	Silver	1.0	U	01/28/2025	1428
7440-23-5	Sodium	120000		01/28/2025	1428
7440-28-0	Thallium	1.0	U	01/28/2025	1428
7440-62-2	Vanadium	7.4		01/28/2025	1428
7440-66-6	Zinc	0.76	J	01/28/2025	1428
Hardness	Hardness (total)	170		01/28/2025	1428

NOTE: Hardness (total) is reported in mg/L

Comments:

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EPA SAMPLE NO.

ME2938

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51900 MA No. : 3114.1 SDG No.: ME2931
 Matrix: Water Lab Sample ID: Q1176-12
 % Solids: _____ Date Received: 01/23/2025
 Analytical Method: ICP_MS
 Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	1300		01/28/2025	1507
7440-36-0	Antimony	0.23	J	01/28/2025	1507
7440-38-2	Arsenic	3.7		01/28/2025	1507
7440-39-3	Barium	55		01/28/2025	1507
7440-41-7	Beryllium	1.0	U	01/28/2025	1507
7440-43-9	Cadmium	1.0	U	01/28/2025	1507
7440-70-2	Calcium	9100		01/28/2025	1507
7440-47-3	Chromium	2.0	U	01/28/2025	1507
7440-48-4	Cobalt	0.050	J	01/28/2025	1507
7440-50-8	Copper	1.4	J	01/28/2025	1507
7439-89-6	Iron	200	U	01/28/2025	1507
7439-92-1	Lead	0.27	J	01/28/2025	1507
7439-95-4	Magnesium	500	U	01/28/2025	1507
7439-96-5	Manganese	0.57	J	01/28/2025	1507
7440-02-0	Nickel	150		01/28/2025	1507
7440-09-7	Potassium	160000		01/28/2025	1507
7782-49-2	Selenium	3.0	J*	01/28/2025	1507
7440-22-4	Silver	1.0	U	01/28/2025	1507
7440-23-5	Sodium	130000		01/28/2025	1507
7440-28-0	Thallium	1.0	U	01/28/2025	1507
7440-62-2	Vanadium	4.8	J	01/28/2025	1507
7440-66-6	Zinc	2.6	J	01/28/2025	1507
Hardness	Hardness (total)	23		01/28/2025	1507

NOTE: Hardness (total) is reported in mg/L

Comments:

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ME2939

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51900 MA No. : 3114.1 SDG No.: ME2931

Matrix: Water Lab Sample ID: Q1176-13

% Solids: _____ Date Received: 01/23/2025

Analytical Method: ICP_MS

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): $\mu\text{g/L}$

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	1400		01/28/2025	1511
7440-36-0	Antimony	0.21	J	01/28/2025	1511
7440-38-2	Arsenic	4.3		01/28/2025	1511
7440-39-3	Barium	58		01/28/2025	1511
7440-41-7	Beryllium	1.0	U	01/28/2025	1511
7440-43-9	Cadmium	1.0	U	01/28/2025	1511
7440-70-2	Calcium	12000		01/28/2025	1511
7440-47-3	Chromium	0.10	J	01/28/2025	1511
7440-48-4	Cobalt	0.060	J	01/28/2025	1511
7440-50-8	Copper	0.79	J	01/28/2025	1511
7439-89-6	Iron	25	J	01/28/2025	1511
7439-92-1	Lead	0.28	J	01/28/2025	1511
7439-95-4	Magnesium	49	J	01/28/2025	1511
7439-96-5	Manganese	3.4		01/28/2025	1511
7440-02-0	Nickel	150		01/28/2025	1511
7440-09-7	Potassium	170000		01/28/2025	1511
7782-49-2	Selenium	2.9	J*	01/28/2025	1511
7440-22-4	Silver	1.0	U	01/28/2025	1511
7440-23-5	Sodium	130000		01/28/2025	1511
7440-28-0	Thallium	1.0	U	01/28/2025	1511
7440-62-2	Vanadium	5.1		01/28/2025	1511
7440-66-6	Zinc	2.2	J	01/28/2025	1511
Hardness	Hardness (total)	30		01/28/2025	1511

NOTE: Hardness (total) is reported in mg/L

Comments:

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EPA SAMPLE NO.

ME2940

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51900 MA No. : 3114.1 SDG No.: ME2931
 Matrix: Water Lab Sample ID: Q1176-07
 % Solids: _____ Date Received: 01/23/2025
 Analytical Method: ICP_MS
 Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	1700		01/28/2025	1442
7440-36-0	Antimony	0.75	J	01/28/2025	1442
7440-38-2	Arsenic	13		01/28/2025	1442
7440-39-3	Barium	34		01/28/2025	1442
7440-41-7	Beryllium	1.0	U	01/28/2025	1442
7440-43-9	Cadmium	1.0	U	01/28/2025	1442
7440-70-2	Calcium	30000		01/28/2025	1442
7440-47-3	Chromium	0.14	J	01/28/2025	1442
7440-48-4	Cobalt	0.63	J	01/28/2025	1442
7440-50-8	Copper	2.0	U	01/28/2025	1442
7439-89-6	Iron	150	J	01/28/2025	1442
7439-92-1	Lead	0.27	J	01/28/2025	1442
7439-95-4	Magnesium	2900		01/28/2025	1442
7439-96-5	Manganese	18		01/28/2025	1442
7440-02-0	Nickel	39		01/28/2025	1442
7440-09-7	Potassium	110000		01/28/2025	1442
7782-49-2	Selenium	1.1	J*	01/28/2025	1442
7440-22-4	Silver	1.0	U	01/28/2025	1442
7440-23-5	Sodium	180000		01/28/2025	1442
7440-28-0	Thallium	1.0	U	01/28/2025	1442
7440-62-2	Vanadium	6.9		01/28/2025	1442
7440-66-6	Zinc	0.73	J	01/28/2025	1442
Hardness	Hardness (total)	87		01/28/2025	1442

NOTE: Hardness (total) is reported in mg/L

Comments:

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EPA SAMPLE NO.

ME2941

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51900 MA No. : 3114.1 SDG No.: ME2931
 Matrix: Water Lab Sample ID: Q1176-08
 % Solids: _____ Date Received: 01/23/2025
 Analytical Method: ICP_MS
 Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	740		01/28/2025	1445
7440-36-0	Antimony	0.34	J	01/28/2025	1445
7440-38-2	Arsenic	5.0		01/28/2025	1445
7440-39-3	Barium	120		01/28/2025	1445
7440-41-7	Beryllium	1.0	U	01/28/2025	1445
7440-43-9	Cadmium	1.0	U	01/28/2025	1445
7440-70-2	Calcium	52000		01/28/2025	1445
7440-47-3	Chromium	2.3		01/28/2025	1445
7440-48-4	Cobalt	2.3		01/28/2025	1445
7440-50-8	Copper	2.1		01/28/2025	1445
7439-89-6	Iron	1400		01/28/2025	1445
7439-92-1	Lead	0.84	J	01/28/2025	1445
7439-95-4	Magnesium	27000		01/28/2025	1445
7439-96-5	Manganese	43		01/28/2025	1445
7440-02-0	Nickel	12		01/28/2025	1445
7440-09-7	Potassium	15000		01/28/2025	1445
7782-49-2	Selenium	1.1	J*	01/28/2025	1445
7440-22-4	Silver	1.0	U	01/28/2025	1445
7440-23-5	Sodium	130000		01/28/2025	1445
7440-28-0	Thallium	1.0	U	01/28/2025	1445
7440-62-2	Vanadium	4.2	J	01/28/2025	1445
7440-66-6	Zinc	7.4		01/28/2025	1445
Hardness	Hardness (total)	240		01/28/2025	1445

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME2942

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51900 MA No. : 3114.1 SDG No.: ME2931

Matrix: Water Lab Sample ID: Q1176-05

% Solids: _____ Date Received: 01/23/2025

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	110		01/28/2025	1435
7440-36-0	Antimony	2.0	U	01/28/2025	1435
7440-38-2	Arsenic	0.29	J	01/28/2025	1435
7440-39-3	Barium	28		01/28/2025	1435
7440-41-7	Beryllium	1.0	U	01/28/2025	1435
7440-43-9	Cadmium	1.0	U	01/28/2025	1435
7440-70-2	Calcium	310000		01/28/2025	1435
7440-47-3	Chromium	0.58	J	01/28/2025	1435
7440-48-4	Cobalt	0.090	J	01/28/2025	1435
7440-50-8	Copper	2.0	U	01/28/2025	1435
7439-89-6	Iron	890		01/28/2025	1435
7439-92-1	Lead	1.0	U	01/28/2025	1435
7439-95-4	Magnesium	95000		01/28/2025	1435
7439-96-5	Manganese	140		01/28/2025	1435
7440-02-0	Nickel	0.41	J	01/28/2025	1435
7440-09-7	Potassium	4000		01/28/2025	1435
7782-49-2	Selenium	5.0	U*	01/28/2025	1435
7440-22-4	Silver	1.0	U	01/28/2025	1435
7440-23-5	Sodium	36000		01/28/2025	1435
7440-28-0	Thallium	1.0	U	01/28/2025	1435
7440-62-2	Vanadium	0.50	J	01/28/2025	1435
7440-66-6	Zinc	1.1	J	01/28/2025	1435
Hardness	Hardness (total)	1200		01/28/2025	1435

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME2943

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51900 MA No. : 3114.1 SDG No.: ME2931
 Matrix: Water Lab Sample ID: Q1176-06
 % Solids: _____ Date Received: 01/23/2025
 Analytical Method: ICP_MS
 Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	38		01/28/2025	1438
7440-36-0	Antimony	2.0	U	01/28/2025	1438
7440-38-2	Arsenic	0.15	J	01/28/2025	1438
7440-39-3	Barium	33		01/28/2025	1438
7440-41-7	Beryllium	1.0	U	01/28/2025	1438
7440-43-9	Cadmium	1.0	U	01/28/2025	1438
7440-70-2	Calcium	320000		01/28/2025	1438
7440-47-3	Chromium	0.38	J	01/28/2025	1438
7440-48-4	Cobalt	0.060	J	01/28/2025	1438
7440-50-8	Copper	2.0	U	01/28/2025	1438
7439-89-6	Iron	810		01/28/2025	1438
7439-92-1	Lead	1.0	U	01/28/2025	1438
7439-95-4	Magnesium	87000		01/28/2025	1438
7439-96-5	Manganese	170		01/28/2025	1438
7440-02-0	Nickel	0.20	J	01/28/2025	1438
7440-09-7	Potassium	3800		01/28/2025	1438
7782-49-2	Selenium	5.0	U*	01/28/2025	1438
7440-22-4	Silver	1.0	U	01/28/2025	1438
7440-23-5	Sodium	32000		01/28/2025	1438
7440-28-0	Thallium	1.0	U	01/28/2025	1438
7440-62-2	Vanadium	0.30	J	01/28/2025	1438
7440-66-6	Zinc	1.4	J	01/28/2025	1438
Hardness	Hardness (total)	1200		01/28/2025	1438

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME2944

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51900 MA No. : 3114.1 SDG No.: ME2931

Matrix: Water Lab Sample ID: Q1176-09

% Solids: _____ Date Received: 01/23/2025

Analytical Method: ICP_MS

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): $\mu\text{g/L}$

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	20	U	01/28/2025	1448
7440-36-0	Antimony	2.0	U	01/28/2025	1448
7440-38-2	Arsenic	1.0	U	01/28/2025	1448
7440-39-3	Barium	7.3	J	01/28/2025	1448
7440-41-7	Beryllium	1.0	U	01/28/2025	1448
7440-43-9	Cadmium	1.0	U	01/28/2025	1448
7440-70-2	Calcium	440000		01/28/2025	1448
7440-47-3	Chromium	2.0	U	01/28/2025	1448
7440-48-4	Cobalt	1.0	U	01/28/2025	1448
7440-50-8	Copper	2.0	U	01/28/2025	1448
7439-89-6	Iron	450		01/28/2025	1448
7439-92-1	Lead	1.0	U	01/28/2025	1448
7439-95-4	Magnesium	130000		01/28/2025	1448
7439-96-5	Manganese	36		01/28/2025	1448
7440-02-0	Nickel	1.0	U	01/28/2025	1448
7440-09-7	Potassium	3200		01/28/2025	1448
7782-49-2	Selenium	5.0	U*	01/28/2025	1448
7440-22-4	Silver	1.0	U	01/28/2025	1448
7440-23-5	Sodium	34000		01/28/2025	1448
7440-28-0	Thallium	1.0	U	01/28/2025	1448
7440-62-2	Vanadium	5.0	U	01/28/2025	1448
7440-66-6	Zinc	5.0	U	01/28/2025	1448
Hardness	Hardness (total)	1600		01/28/2025	1448

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME2945

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51900 MA No. : 3114.1 SDG No.: ME2931

Matrix: Water Lab Sample ID: Q1176-04

% Solids: _____ Date Received: 01/23/2025

Analytical Method: ICP_MS

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): $\mu\text{g/L}$

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	20	U	01/28/2025	1432
7440-36-0	Antimony	2.0	U	01/28/2025	1432
7440-38-2	Arsenic	1.0	U	01/28/2025	1432
7440-39-3	Barium	7.0	J	01/28/2025	1432
7440-41-7	Beryllium	1.0	U	01/28/2025	1432
7440-43-9	Cadmium	1.0	U	01/28/2025	1432
7440-70-2	Calcium	430000		01/28/2025	1432
7440-47-3	Chromium	2.0	U	01/28/2025	1432
7440-48-4	Cobalt	1.0	U	01/28/2025	1432
7440-50-8	Copper	2.0	U	01/28/2025	1432
7439-89-6	Iron	450		01/28/2025	1432
7439-92-1	Lead	1.0	U	01/28/2025	1432
7439-95-4	Magnesium	130000		01/28/2025	1432
7439-96-5	Manganese	37		01/28/2025	1432
7440-02-0	Nickel	0.22	J	01/28/2025	1432
7440-09-7	Potassium	3300		01/28/2025	1432
7782-49-2	Selenium	5.0	U*	01/28/2025	1432
7440-22-4	Silver	1.0	U	01/28/2025	1432
7440-23-5	Sodium	34000		01/28/2025	1432
7440-28-0	Thallium	1.0	U	01/28/2025	1432
7440-62-2	Vanadium	5.0	U	01/28/2025	1432
7440-66-6	Zinc	5.0	U	01/28/2025	1432
Hardness	Hardness (total)	1600		01/28/2025	1432

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME2950

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51900 MA No. : 3114.1 SDG No.: ME2931
 Matrix: Water Lab Sample ID: Q1176-18
 % Solids: _____ Date Received: 01/24/2025
 Analytical Method: ICP_MS
 Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	31		01/28/2025	1527
7440-36-0	Antimony	2.0	U	01/28/2025	1527
7440-38-2	Arsenic	0.47	J	01/28/2025	1527
7440-39-3	Barium	21		01/28/2025	1527
7440-41-7	Beryllium	1.0	U	01/28/2025	1527
7440-43-9	Cadmium	1.0	U	01/28/2025	1527
7440-70-2	Calcium	330000		01/28/2025	1527
7440-47-3	Chromium	2.0	U	01/28/2025	1527
7440-48-4	Cobalt	0.070	J	01/28/2025	1527
7440-50-8	Copper	2.0	U	01/28/2025	1527
7439-89-6	Iron	230		01/28/2025	1527
7439-92-1	Lead	1.0	U	01/28/2025	1527
7439-95-4	Magnesium	97000		01/28/2025	1527
7439-96-5	Manganese	39		01/28/2025	1527
7440-02-0	Nickel	0.84	J	01/28/2025	1527
7440-09-7	Potassium	3200		01/28/2025	1527
7782-49-2	Selenium	5.0	U*	01/28/2025	1527
7440-22-4	Silver	1.0	U	01/28/2025	1527
7440-23-5	Sodium	37000		01/28/2025	1527
7440-28-0	Thallium	1.0	U	01/28/2025	1527
7440-62-2	Vanadium	0.12	J	01/28/2025	1527
7440-66-6	Zinc	1.1	J	01/28/2025	1527
Hardness	Hardness (total)	1200		01/28/2025	1527

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME2951

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51900 MA No. : 3114.1 SDG No.: ME2931
 Matrix: Water Lab Sample ID: Q1176-19
 % Solids: _____ Date Received: 01/24/2025
 Analytical Method: ICP_MS
 Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	20	U	01/28/2025	1530
7440-36-0	Antimony	2.0	U	01/28/2025	1530
7440-38-2	Arsenic	0.32	J	01/28/2025	1530
7440-39-3	Barium	21		01/28/2025	1530
7440-41-7	Beryllium	1.0	U	01/28/2025	1530
7440-43-9	Cadmium	1.0	U	01/28/2025	1530
7440-70-2	Calcium	320000		01/28/2025	1530
7440-47-3	Chromium	2.0	U	01/28/2025	1530
7440-48-4	Cobalt	0.060	J	01/28/2025	1530
7440-50-8	Copper	0.50	J	01/28/2025	1530
7439-89-6	Iron	220		01/28/2025	1530
7439-92-1	Lead	1.0	U	01/28/2025	1530
7439-95-4	Magnesium	97000		01/28/2025	1530
7439-96-5	Manganese	34		01/28/2025	1530
7440-02-0	Nickel	2.1		01/28/2025	1530
7440-09-7	Potassium	3200		01/28/2025	1530
7782-49-2	Selenium	5.0	U*	01/28/2025	1530
7440-22-4	Silver	1.0	U	01/28/2025	1530
7440-23-5	Sodium	37000		01/28/2025	1530
7440-28-0	Thallium	1.0	U	01/28/2025	1530
7440-62-2	Vanadium	0.12	J	01/28/2025	1530
7440-66-6	Zinc	5.0	U	01/28/2025	1530
Hardness	Hardness (total)	1200		01/28/2025	1530

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME2953

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51900 MA No. : 3114.1 SDG No.: ME2931

Matrix: Water Lab Sample ID: Q1176-20

% Solids: _____ Date Received: 01/24/2025

Analytical Method: ICP_MS

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): $\mu\text{g/L}$

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	140		01/28/2025	1534
7440-36-0	Antimony	0.33	J	01/28/2025	1534
7440-38-2	Arsenic	2.9		01/28/2025	1534
7440-39-3	Barium	65		01/28/2025	1534
7440-41-7	Beryllium	1.0	U	01/28/2025	1534
7440-43-9	Cadmium	1.0	U	01/28/2025	1534
7440-70-2	Calcium	100000		01/28/2025	1534
7440-47-3	Chromium	2.0		01/28/2025	1534
7440-48-4	Cobalt	0.13	J	01/28/2025	1534
7440-50-8	Copper	4.6		01/28/2025	1534
7439-89-6	Iron	77	J	01/28/2025	1534
7439-92-1	Lead	0.54	J	01/28/2025	1534
7439-95-4	Magnesium	1200		01/28/2025	1534
7439-96-5	Manganese	3.6		01/28/2025	1534
7440-02-0	Nickel	9.4		01/28/2025	1534
7440-09-7	Potassium	80000		01/28/2025	1534
7782-49-2	Selenium	3.9	J*	01/28/2025	1534
7440-22-4	Silver	1.0	U	01/28/2025	1534
7440-23-5	Sodium	110000		01/28/2025	1534
7440-28-0	Thallium	1.0	U	01/28/2025	1534
7440-62-2	Vanadium	8.9		01/28/2025	1534
7440-66-6	Zinc	1.3	J	01/28/2025	1534
Hardness	Hardness (total)	250		01/28/2025	1534

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME2954

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51900 MA No. : 3114.1 SDG No.: ME2931

Matrix: Water Lab Sample ID: Q1176-21

% Solids: _____ Date Received: 01/24/2025

Analytical Method: ICP_MS

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): $\mu\text{g/L}$

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	84		01/28/2025	1537
7440-36-0	Antimony	0.34	J	01/28/2025	1537
7440-38-2	Arsenic	2.9		01/28/2025	1537
7440-39-3	Barium	56		01/28/2025	1537
7440-41-7	Beryllium	1.0	U	01/28/2025	1537
7440-43-9	Cadmium	1.0	U	01/28/2025	1537
7440-70-2	Calcium	91000		01/28/2025	1537
7440-47-3	Chromium	2.0		01/28/2025	1537
7440-48-4	Cobalt	0.12	J	01/28/2025	1537
7440-50-8	Copper	4.3		01/28/2025	1537
7439-89-6	Iron	32	J	01/28/2025	1537
7439-92-1	Lead	0.26	J	01/28/2025	1537
7439-95-4	Magnesium	9400		01/28/2025	1537
7439-96-5	Manganese	3.1		01/28/2025	1537
7440-02-0	Nickel	8.9		01/28/2025	1537
7440-09-7	Potassium	80000		01/28/2025	1537
7782-49-2	Selenium	4.2	J*	01/28/2025	1537
7440-22-4	Silver	1.0	U	01/28/2025	1537
7440-23-5	Sodium	110000		01/28/2025	1537
7440-28-0	Thallium	1.0	U	01/28/2025	1537
7440-62-2	Vanadium	7.4		01/28/2025	1537
7440-66-6	Zinc	5.0	U	01/28/2025	1537
Hardness	Hardness (total)	270		01/28/2025	1537

NOTE: Hardness (total) is reported in mg/L

Comments: