

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME2975

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51900 MA No. : 3114.1 SDG No.: ME2975
 Matrix: Water Lab Sample ID: Q1204-01
 % Solids: _____ Date Received: 01/28/2025
 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	9.5	J	02/10/2025	1546
7440-36-0	Antimony	0.11	J	02/10/2025	1546
7440-38-2	Arsenic	2.4		02/10/2025	1546
7440-39-3	Barium	110		02/10/2025	1546
7440-41-7	Beryllium	1.0	U	02/10/2025	1546
7440-43-9	Cadmium	1.0	U	02/10/2025	1546
7440-70-2	Calcium	180000		02/10/2025	1546
7440-47-3	Chromium	0.61	J	02/10/2025	1546
7440-48-4	Cobalt	0.26	J	02/10/2025	1546
7440-50-8	Copper	0.42	J	02/10/2025	1546
7439-89-6	Iron	750		02/10/2025	1546
7439-92-1	Lead	0.32	J	02/10/2025	1546
7439-95-4	Magnesium	47000		02/10/2025	1546
7439-96-5	Manganese	55	*	02/10/2025	1546
7440-02-0	Nickel	1.7		02/10/2025	1546
7440-09-7	Potassium	4600		02/10/2025	1546
7782-49-2	Selenium	5.0	U*	02/10/2025	1546
7440-22-4	Silver	1.0	U	02/10/2025	1546
7440-23-5	Sodium	14000		02/10/2025	1546
7440-28-0	Thallium	1.0	U	02/10/2025	1546
7440-62-2	Vanadium	0.83	J	02/10/2025	1546
7440-66-6	Zinc	1.9	J	02/10/2025	1546
Hardness	Hardness (total)	640		02/10/2025	1546

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME2978

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51900 MA No. : 3114.1 SDG No.: ME2975
 Matrix: Water Lab Sample ID: Q1204-04
 % Solids: _____ Date Received: 01/28/2025
 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	14	J	02/10/2025	1559
7440-36-0	Antimony	2.0	U	02/10/2025	1559
7440-38-2	Arsenic	0.12	J	02/10/2025	1559
7440-39-3	Barium	27		02/10/2025	1559
7440-41-7	Beryllium	1.0	U	02/10/2025	1559
7440-43-9	Cadmium	1.0	U	02/10/2025	1559
7440-70-2	Calcium	300000		02/10/2025	1559
7440-47-3	Chromium	0.15	J	02/10/2025	1559
7440-48-4	Cobalt	1.0	U	02/10/2025	1559
7440-50-8	Copper	2.0	U	02/10/2025	1559
7439-89-6	Iron	250		02/10/2025	1559
7439-92-1	Lead	1.0	U	02/10/2025	1559
7439-95-4	Magnesium	78000		02/10/2025	1559
7439-96-5	Manganese	48	*	02/10/2025	1559
7440-02-0	Nickel	1.0	U	02/10/2025	1559
7440-09-7	Potassium	3100		02/10/2025	1559
7782-49-2	Selenium	5.0	U*	02/10/2025	1559
7440-22-4	Silver	1.0	U	02/10/2025	1559
7440-23-5	Sodium	39000		02/10/2025	1559
7440-28-0	Thallium	1.0	U	02/10/2025	1559
7440-62-2	Vanadium	0.15	J	02/10/2025	1559
7440-66-6	Zinc	5.0	U	02/10/2025	1559
Hardness	Hardness (total)	1100		02/10/2025	1559

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME2979

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51900 MA No. : 3114.1 SDG No.: ME2975
 Matrix: Water Lab Sample ID: Q1204-05
 % Solids: _____ Date Received: 01/28/2025
 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	02/10/2025	1603
7440-36-0	Antimony	2.0	U	02/10/2025	1603
7440-38-2	Arsenic	1.0	U	02/10/2025	1603
7440-39-3	Barium	26		02/10/2025	1603
7440-41-7	Beryllium	1.0	U	02/10/2025	1603
7440-43-9	Cadmium	1.0	U	02/10/2025	1603
7440-70-2	Calcium	300000		02/10/2025	1603
7440-47-3	Chromium	2.0	U	02/10/2025	1603
7440-48-4	Cobalt	1.0	U	02/10/2025	1603
7440-50-8	Copper	2.0	U	02/10/2025	1603
7439-89-6	Iron	270		02/10/2025	1603
7439-92-1	Lead	1.0	U	02/10/2025	1603
7439-95-4	Magnesium	76000		02/10/2025	1603
7439-96-5	Manganese	52	*	02/10/2025	1603
7440-02-0	Nickel	0.36	J	02/10/2025	1603
7440-09-7	Potassium	2900		02/10/2025	1603
7782-49-2	Selenium	5.0	U*	02/10/2025	1603
7440-22-4	Silver	1.0	U	02/10/2025	1603
7440-23-5	Sodium	36000		02/10/2025	1603
7440-28-0	Thallium	1.0	U	02/10/2025	1603
7440-62-2	Vanadium	0.15	J	02/10/2025	1603
7440-66-6	Zinc	0.87	J	02/10/2025	1603
Hardness	Hardness (total)	1100		02/10/2025	1603

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME2989

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

Lab Code: ACE Case No.: 51900 MA No. : 3114.1 SDG No.: ME2975

Matrix: Water Lab Sample ID: Q1204-06

% Solids: _____ Date Received: 01/30/2025

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	130		02/10/2025	1606
7440-36-0	Antimony	0.34	J	02/10/2025	1606
7440-38-2	Arsenic	7.1		02/10/2025	1606
7440-39-3	Barium	600		02/10/2025	1606
7440-41-7	Beryllium	1.0	U	02/10/2025	1606
7440-43-9	Cadmium	1.0	U	02/10/2025	1606
7440-70-2	Calcium	330000		02/10/2025	1606
7440-47-3	Chromium	0.85	J	02/10/2025	1606
7440-48-4	Cobalt	5.0		02/10/2025	1606
7440-50-8	Copper	1.6	J	02/10/2025	1606
7439-89-6	Iron	720		02/10/2025	1606
7439-92-1	Lead	0.69	J	02/10/2025	1606
7439-95-4	Magnesium	110000		02/10/2025	1606
7439-96-5	Manganese	1900	*	02/10/2025	1606
7440-02-0	Nickel	1.9		02/10/2025	1606
7440-09-7	Potassium	9500		02/10/2025	1606
7782-49-2	Selenium	5.0	U*	02/10/2025	1606
7440-22-4	Silver	1.0	U	02/10/2025	1606
7440-23-5	Sodium	30000		02/10/2025	1606
7440-28-0	Thallium	1.0	U	02/10/2025	1606
7440-62-2	Vanadium	2.9	J	02/10/2025	1606
7440-66-6	Zinc	9.6		02/10/2025	1606
Hardness	Hardness (total)	1300		02/10/2025	1606

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME2991

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51900 MA No. : 3114.1 SDG No.: ME2975
 Matrix: Water Lab Sample ID: Q1204-07
 % Solids: _____ Date Received: 01/30/2025
 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	26		02/10/2025	1609
7440-36-0	Antimony	2.0	U	02/10/2025	1609
7440-38-2	Arsenic	1.0	U	02/10/2025	1609
7440-39-3	Barium	18		02/10/2025	1609
7440-41-7	Beryllium	1.0	U	02/10/2025	1609
7440-43-9	Cadmium	1.0	U	02/10/2025	1609
7440-70-2	Calcium	460000		02/10/2025	1609
7440-47-3	Chromium	0.17	J	02/10/2025	1609
7440-48-4	Cobalt	0.050	J	02/10/2025	1609
7440-50-8	Copper	2.0	U	02/10/2025	1609
7439-89-6	Iron	51	J	02/10/2025	1609
7439-92-1	Lead	1.0	U	02/10/2025	1609
7439-95-4	Magnesium	120000		02/10/2025	1609
7439-96-5	Manganese	11	*	02/10/2025	1609
7440-02-0	Nickel	0.30	J	02/10/2025	1609
7440-09-7	Potassium	3100		02/10/2025	1609
7782-49-2	Selenium	5.0	U*	02/10/2025	1609
7440-22-4	Silver	1.0	U	02/10/2025	1609
7440-23-5	Sodium	36000		02/10/2025	1609
7440-28-0	Thallium	1.0	U	02/10/2025	1609
7440-62-2	Vanadium	0.12	J	02/10/2025	1609
7440-66-6	Zinc	5.0	U	02/10/2025	1609
Hardness	Hardness (total)	1600		02/10/2025	1609

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME2996

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

Lab Code: ACE Case No.: 51900 MA No. : 3114.1 SDG No.: ME2975

Matrix: Water Lab Sample ID: Q1204-08

% Solids: _____ Date Received: 01/30/2025

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	84000		02/10/2025	1612
7440-36-0	Antimony	1.6	J	02/10/2025	1612
7440-38-2	Arsenic	55		02/10/2025	1612
7440-39-3	Barium	1700		02/10/2025	1612
7440-41-7	Beryllium	5.7		02/10/2025	1612
7440-43-9	Cadmium	4.4		02/10/2025	1612
7440-70-2	Calcium	500000	D	02/10/2025	1707
7440-47-3	Chromium	200		02/10/2025	1612
7440-48-4	Cobalt	90		02/10/2025	1612
7440-50-8	Copper	430		02/10/2025	1612
7439-89-6	Iron	190000		02/10/2025	1612
7439-92-1	Lead	290		02/10/2025	1612
7439-95-4	Magnesium	250000		02/10/2025	1612
7439-96-5	Manganese	7100	*	02/10/2025	1612
7440-02-0	Nickel	230		02/10/2025	1612
7440-09-7	Potassium	19000		02/10/2025	1612
7782-49-2	Selenium	5.0	*	02/10/2025	1612
7440-22-4	Silver	0.67	J	02/10/2025	1612
7440-23-5	Sodium	67000		02/10/2025	1612
7440-28-0	Thallium	2.3		02/10/2025	1612
7440-62-2	Vanadium	200		02/10/2025	1612
7440-66-6	Zinc	1000		02/10/2025	1612
Hardness	Hardness (total)	2300		02/10/2025	1612

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME29A4

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

Lab Code: ACE Case No.: 51900 MA No. : 3114.1 SDG No.: ME2975

Matrix: Water Lab Sample ID: Q1204-09

% Solids: _____ Date Received: 01/31/2025

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	8.9	J	02/10/2025	1616
7440-36-0	Antimony	2.0	U	02/10/2025	1616
7440-38-2	Arsenic	1.0	U	02/10/2025	1616
7440-39-3	Barium	65		02/10/2025	1616
7440-41-7	Beryllium	1.0	U	02/10/2025	1616
7440-43-9	Cadmium	1.0	U	02/10/2025	1616
7440-70-2	Calcium	180000		02/10/2025	1616
7440-47-3	Chromium	0.11	J	02/10/2025	1616
7440-48-4	Cobalt	1.0	U	02/10/2025	1616
7440-50-8	Copper	2.0	U	02/10/2025	1616
7439-89-6	Iron	130	J	02/10/2025	1616
7439-92-1	Lead	1.0	U	02/10/2025	1616
7439-95-4	Magnesium	55000		02/10/2025	1616
7439-96-5	Manganese	9.3	*	02/10/2025	1616
7440-02-0	Nickel	1.0	U	02/10/2025	1616
7440-09-7	Potassium	2900		02/10/2025	1616
7782-49-2	Selenium	5.0	U*	02/10/2025	1616
7440-22-4	Silver	1.0	U	02/10/2025	1616
7440-23-5	Sodium	44000		02/10/2025	1616
7440-28-0	Thallium	1.0	U	02/10/2025	1616
7440-62-2	Vanadium	5.0	U	02/10/2025	1616
7440-66-6	Zinc	0.88	J	02/10/2025	1616
Hardness	Hardness (total)	680		02/10/2025	1616

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME29A5

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51900 MA No. : 3114.1 SDG No.: ME2975
 Matrix: Water Lab Sample ID: Q1204-10
 % Solids: _____ Date Received: 01/31/2025
 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	7.9	J	02/10/2025	1619
7440-36-0	Antimony	2.0	U	02/10/2025	1619
7440-38-2	Arsenic	1.0	U	02/10/2025	1619
7440-39-3	Barium	15		02/10/2025	1619
7440-41-7	Beryllium	1.0	U	02/10/2025	1619
7440-43-9	Cadmium	1.0	U	02/10/2025	1619
7440-70-2	Calcium	450000		02/10/2025	1619
7440-47-3	Chromium	2.0	U	02/10/2025	1619
7440-48-4	Cobalt	1.0	U	02/10/2025	1619
7440-50-8	Copper	2.0	U	02/10/2025	1619
7439-89-6	Iron	43	J	02/10/2025	1619
7439-92-1	Lead	1.0	U	02/10/2025	1619
7439-95-4	Magnesium	130000		02/10/2025	1619
7439-96-5	Manganese	21	*	02/10/2025	1619
7440-02-0	Nickel	1.0	U	02/10/2025	1619
7440-09-7	Potassium	4500		02/10/2025	1619
7782-49-2	Selenium	5.0	U*	02/10/2025	1619
7440-22-4	Silver	1.0	U	02/10/2025	1619
7440-23-5	Sodium	29000		02/10/2025	1619
7440-28-0	Thallium	1.0	U	02/10/2025	1619
7440-62-2	Vanadium	0.12	J	02/10/2025	1619
7440-66-6	Zinc	5.0	U	02/10/2025	1619
Hardness	Hardness (total)	1700		02/10/2025	1619

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME29A7

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51900 MA No. : 3114.1 SDG No.: ME2975
 Matrix: Water Lab Sample ID: Q1204-11
 % Solids: _____ Date Received: 01/31/2025
 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	02/10/2025	1622
7440-36-0	Antimony	2.0	U	02/10/2025	1622
7440-38-2	Arsenic	1.0	U	02/10/2025	1622
7440-39-3	Barium	39		02/10/2025	1622
7440-41-7	Beryllium	1.0	U	02/10/2025	1622
7440-43-9	Cadmium	1.0	U	02/10/2025	1622
7440-70-2	Calcium	270000		02/10/2025	1622
7440-47-3	Chromium	0.14	J	02/10/2025	1622
7440-48-4	Cobalt	1.0	U	02/10/2025	1622
7440-50-8	Copper	2.0	U	02/10/2025	1622
7439-89-6	Iron	2000		02/10/2025	1622
7439-92-1	Lead	1.0	U	02/10/2025	1622
7439-95-4	Magnesium	92000		02/10/2025	1622
7439-96-5	Manganese	87	*	02/10/2025	1622
7440-02-0	Nickel	1.0	U	02/10/2025	1622
7440-09-7	Potassium	5400		02/10/2025	1622
7782-49-2	Selenium	5.0	U*	02/10/2025	1622
7440-22-4	Silver	1.0	U	02/10/2025	1622
7440-23-5	Sodium	170000		02/10/2025	1622
7440-28-0	Thallium	1.0	U	02/10/2025	1622
7440-62-2	Vanadium	0.14	J	02/10/2025	1622
7440-66-6	Zinc	1.7	J	02/10/2025	1622
Hardness	Hardness (total)	1100		02/10/2025	1622

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME29A8

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51900 MA No. : 3114.1 SDG No.: ME2975
 Matrix: Water Lab Sample ID: Q1204-12
 % Solids: _____ Date Received: 01/31/2025
 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	02/10/2025	1625
7440-36-0	Antimony	2.0	U	02/10/2025	1625
7440-38-2	Arsenic	0.15	J	02/10/2025	1625
7440-39-3	Barium	160		02/10/2025	1625
7440-41-7	Beryllium	1.0	U	02/10/2025	1625
7440-43-9	Cadmium	1.0	U	02/10/2025	1625
7440-70-2	Calcium	150000		02/10/2025	1625
7440-47-3	Chromium	0.10	J	02/10/2025	1625
7440-48-4	Cobalt	0.19	J	02/10/2025	1625
7440-50-8	Copper	0.63	J	02/10/2025	1625
7439-89-6	Iron	50	J	02/10/2025	1625
7439-92-1	Lead	1.0	U	02/10/2025	1625
7439-95-4	Magnesium	27000		02/10/2025	1625
7439-96-5	Manganese	48	*	02/10/2025	1625
7440-02-0	Nickel	1.7		02/10/2025	1625
7440-09-7	Potassium	770		02/10/2025	1625
7782-49-2	Selenium	5.0	U*	02/10/2025	1625
7440-22-4	Silver	1.0	U	02/10/2025	1625
7440-23-5	Sodium	23000		02/10/2025	1625
7440-28-0	Thallium	1.0	U	02/10/2025	1625
7440-62-2	Vanadium	0.11	J	02/10/2025	1625
7440-66-6	Zinc	8.3		02/10/2025	1625
Hardness	Hardness (total)	490		02/10/2025	1625

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME29A9

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

Lab Code: ACE Case No.: 51900 MA No. : 3114.1 SDG No.: ME2975

Matrix: Water Lab Sample ID: Q1204-15

% Solids: _____ Date Received: 02/01/2025

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	63		02/10/2025	1635
7440-36-0	Antimony	0.29	J	02/10/2025	1635
7440-38-2	Arsenic	0.18	J	02/10/2025	1635
7440-39-3	Barium	87		02/10/2025	1635
7440-41-7	Beryllium	1.0	U	02/10/2025	1635
7440-43-9	Cadmium	1.0	U	02/10/2025	1635
7440-70-2	Calcium	110000		02/10/2025	1635
7440-47-3	Chromium	2.0	U	02/10/2025	1635
7440-48-4	Cobalt	0.34	J	02/10/2025	1635
7440-50-8	Copper	1.4	J	02/10/2025	1635
7439-89-6	Iron	95	J	02/10/2025	1635
7439-92-1	Lead	0.22	J	02/10/2025	1635
7439-95-4	Magnesium	31000		02/10/2025	1635
7439-96-5	Manganese	16	*	02/10/2025	1635
7440-02-0	Nickel	6.2		02/10/2025	1635
7440-09-7	Potassium	1400		02/10/2025	1635
7782-49-2	Selenium	1.4	J*	02/10/2025	1635
7440-22-4	Silver	1.0	U	02/10/2025	1635
7440-23-5	Sodium	97000		02/10/2025	1635
7440-28-0	Thallium	1.0	U	02/10/2025	1635
7440-62-2	Vanadium	0.23	J	02/10/2025	1635
7440-66-6	Zinc	8.9		02/10/2025	1635
Hardness	Hardness (total)	400		02/10/2025	1635

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME29B0

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51900 MA No. : 3114.1 SDG No.: ME2975
 Matrix: Water Lab Sample ID: Q1204-13
 % Solids: _____ Date Received: 02/01/2025
 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	1000		02/10/2025	1629
7440-36-0	Antimony	0.25	J	02/10/2025	1629
7440-38-2	Arsenic	6.5		02/10/2025	1629
7440-39-3	Barium	31		02/10/2025	1629
7440-41-7	Beryllium	1.0	U	02/10/2025	1629
7440-43-9	Cadmium	1.0	U	02/10/2025	1629
7440-70-2	Calcium	88000		02/10/2025	1629
7440-47-3	Chromium	2.5		02/10/2025	1629
7440-48-4	Cobalt	0.59	J	02/10/2025	1629
7440-50-8	Copper	1.3	J	02/10/2025	1629
7439-89-6	Iron	880		02/10/2025	1629
7439-92-1	Lead	0.92	J	02/10/2025	1629
7439-95-4	Magnesium	790		02/10/2025	1629
7439-96-5	Manganese	18	*	02/10/2025	1629
7440-02-0	Nickel	54		02/10/2025	1629
7440-09-7	Potassium	88000		02/10/2025	1629
7782-49-2	Selenium	1.8	J*	02/10/2025	1629
7440-22-4	Silver	1.0	U	02/10/2025	1629
7440-23-5	Sodium	62000		02/10/2025	1629
7440-28-0	Thallium	1.0	U	02/10/2025	1629
7440-62-2	Vanadium	5.0		02/10/2025	1629
7440-66-6	Zinc	5.3		02/10/2025	1629
Hardness	Hardness (total)	220		02/10/2025	1629

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME29B1

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

Lab Code: ACE Case No.: 51900 MA No. : 3114.1 SDG No.: ME2975

Matrix: Water Lab Sample ID: Q1204-14

% Solids: _____ Date Received: 02/01/2025

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	340		02/10/2025	1632
7440-36-0	Antimony	0.68	J	02/10/2025	1632
7440-38-2	Arsenic	3.5		02/10/2025	1632
7440-39-3	Barium	11		02/10/2025	1632
7440-41-7	Beryllium	1.0	U	02/10/2025	1632
7440-43-9	Cadmium	1.0	U	02/10/2025	1632
7440-70-2	Calcium	44000		02/10/2025	1632
7440-47-3	Chromium	0.23	J	02/10/2025	1632
7440-48-4	Cobalt	0.18	J	02/10/2025	1632
7440-50-8	Copper	5.6		02/10/2025	1632
7439-89-6	Iron	37	J	02/10/2025	1632
7439-92-1	Lead	0.61	J	02/10/2025	1632
7439-95-4	Magnesium	190	J	02/10/2025	1632
7439-96-5	Manganese	3.0	*	02/10/2025	1632
7440-02-0	Nickel	31		02/10/2025	1632
7440-09-7	Potassium	48000		02/10/2025	1632
7782-49-2	Selenium	3.4	J*	02/10/2025	1632
7440-22-4	Silver	1.0	U	02/10/2025	1632
7440-23-5	Sodium	41000		02/10/2025	1632
7440-28-0	Thallium	1.0	U	02/10/2025	1632
7440-62-2	Vanadium	24		02/10/2025	1632
7440-66-6	Zinc	1.4	J	02/10/2025	1632
Hardness	Hardness (total)	110		02/10/2025	1632

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME29B2

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51900 MA No. : 3114.1 SDG No.: ME2975
 Matrix: Water Lab Sample ID: Q1204-16
 % Solids: _____ Date Received: 02/01/2025
 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	26		02/10/2025	1638
7440-36-0	Antimony	0.10	J	02/10/2025	1638
7440-38-2	Arsenic	2.1		02/10/2025	1638
7440-39-3	Barium	71		02/10/2025	1638
7440-41-7	Beryllium	1.0	U	02/10/2025	1638
7440-43-9	Cadmium	1.0	U	02/10/2025	1638
7440-70-2	Calcium	300000		02/10/2025	1638
7440-47-3	Chromium	2.8		02/10/2025	1638
7440-48-4	Cobalt	0.55	J	02/10/2025	1638
7440-50-8	Copper	2.0	U	02/10/2025	1638
7439-89-6	Iron	1000		02/10/2025	1638
7439-92-1	Lead	0.26	J	02/10/2025	1638
7439-95-4	Magnesium	75000		02/10/2025	1638
7439-96-5	Manganese	570	*	02/10/2025	1638
7440-02-0	Nickel	1.8		02/10/2025	1638
7440-09-7	Potassium	3600		02/10/2025	1638
7782-49-2	Selenium	5.0	U*	02/10/2025	1638
7440-22-4	Silver	1.0	U	02/10/2025	1638
7440-23-5	Sodium	40000		02/10/2025	1638
7440-28-0	Thallium	1.0	U	02/10/2025	1638
7440-62-2	Vanadium	0.50	J	02/10/2025	1638
7440-66-6	Zinc	2.5	J	02/10/2025	1638
Hardness	Hardness (total)	1100		02/10/2025	1638

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME29B3

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51900 MA No. : 3114.1 SDG No.: ME2975
 Matrix: Water Lab Sample ID: Q1204-17
 % Solids: _____ Date Received: 02/01/2025
 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	2200		02/10/2025	1642
7440-36-0	Antimony	0.21	J	02/10/2025	1642
7440-38-2	Arsenic	6.3		02/10/2025	1642
7440-39-3	Barium	190		02/10/2025	1642
7440-41-7	Beryllium	1.0	U	02/10/2025	1642
7440-43-9	Cadmium	1.0	U	02/10/2025	1642
7440-70-2	Calcium	200000		02/10/2025	1642
7440-47-3	Chromium	6.3		02/10/2025	1642
7440-48-4	Cobalt	0.72	J	02/10/2025	1642
7440-50-8	Copper	1.4	J	02/10/2025	1642
7439-89-6	Iron	1500		02/10/2025	1642
7439-92-1	Lead	9.2		02/10/2025	1642
7439-95-4	Magnesium	550		02/10/2025	1642
7439-96-5	Manganese	91	*	02/10/2025	1642
7440-02-0	Nickel	180		02/10/2025	1642
7440-09-7	Potassium	120000		02/10/2025	1642
7782-49-2	Selenium	2.8	J*	02/10/2025	1642
7440-22-4	Silver	1.0	U	02/10/2025	1642
7440-23-5	Sodium	310000		02/10/2025	1642
7440-28-0	Thallium	1.0	U	02/10/2025	1642
7440-62-2	Vanadium	3.5	J	02/10/2025	1642
7440-66-6	Zinc	54		02/10/2025	1642
Hardness	Hardness (total)	500		02/10/2025	1642

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME29B4

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51900 MA No. : 3114.1 SDG No.: ME2975
 Matrix: Water Lab Sample ID: Q1204-18
 % Solids: _____ Date Received: 02/01/2025
 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		02/10/2025	1645
7440-36-0	Antimony	0.76	J	02/10/2025	1645
7440-38-2	Arsenic	17		02/10/2025	1645
7440-39-3	Barium	16		02/10/2025	1645
7440-41-7	Beryllium	1.0	U	02/10/2025	1645
7440-43-9	Cadmium	1.0	U	02/10/2025	1645
7440-70-2	Calcium	36000		02/10/2025	1645
7440-47-3	Chromium	2.5		02/10/2025	1645
7440-48-4	Cobalt	0.30	J	02/10/2025	1645
7440-50-8	Copper	2.2		02/10/2025	1645
7439-89-6	Iron	950		02/10/2025	1645
7439-92-1	Lead	8.9		02/10/2025	1645
7439-95-4	Magnesium	140	J	02/10/2025	1645
7439-96-5	Manganese	38	*	02/10/2025	1645
7440-02-0	Nickel	51		02/10/2025	1645
7440-09-7	Potassium	91000		02/10/2025	1645
7782-49-2	Selenium	1.5	J*	02/10/2025	1645
7440-22-4	Silver	1.0	U	02/10/2025	1645
7440-23-5	Sodium	96000		02/10/2025	1645
7440-28-0	Thallium	1.0	U	02/10/2025	1645
7440-62-2	Vanadium	20		02/10/2025	1645
7440-66-6	Zinc	60		02/10/2025	1645
Hardness	Hardness (total)	90		02/10/2025	1645

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME29B5

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51900 MA No. : 3114.1 SDG No.: ME2975
 Matrix: Water Lab Sample ID: Q1204-19
 % Solids: _____ Date Received: 02/04/2025
 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	370		02/10/2025	1648
7440-36-0	Antimony	2.8		02/10/2025	1648
7440-38-2	Arsenic	12		02/10/2025	1648
7440-39-3	Barium	14		02/10/2025	1648
7440-41-7	Beryllium	1.0	U	02/10/2025	1648
7440-43-9	Cadmium	1.0	U	02/10/2025	1648
7440-70-2	Calcium	7100		02/10/2025	1648
7440-47-3	Chromium	2.0		02/10/2025	1648
7440-48-4	Cobalt	0.59	J	02/10/2025	1648
7440-50-8	Copper	5.9		02/10/2025	1648
7439-89-6	Iron	1000		02/10/2025	1648
7439-92-1	Lead	20		02/10/2025	1648
7439-95-4	Magnesium	7300		02/10/2025	1648
7439-96-5	Manganese	67	*	02/10/2025	1648
7440-02-0	Nickel	59		02/10/2025	1648
7440-09-7	Potassium	180000		02/10/2025	1648
7782-49-2	Selenium	1.7	J*	02/10/2025	1648
7440-22-4	Silver	0.19	J	02/10/2025	1648
7440-23-5	Sodium	190000		02/10/2025	1648
7440-28-0	Thallium	1.0	U	02/10/2025	1648
7440-62-2	Vanadium	23		02/10/2025	1648
7440-66-6	Zinc	23		02/10/2025	1648
Hardness	Hardness (total)	48		02/10/2025	1648

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME29B8

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51900 MA No. : 3114.1 SDG No.: ME2975
 Matrix: Water Lab Sample ID: Q1204-20
 % Solids: _____ Date Received: 02/04/2025
 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	9.4	J	02/10/2025	1651
7440-36-0	Antimony	2.0	U	02/10/2025	1651
7440-38-2	Arsenic	1.0	U	02/10/2025	1651
7440-39-3	Barium	9.4	J	02/10/2025	1651
7440-41-7	Beryllium	1.0	U	02/10/2025	1651
7440-43-9	Cadmium	1.0	U	02/10/2025	1651
7440-70-2	Calcium	560000	D	02/10/2025	1704
7440-47-3	Chromium	2.0	U	02/10/2025	1651
7440-48-4	Cobalt	1.0	U	02/10/2025	1651
7440-50-8	Copper	2.0	U	02/10/2025	1651
7439-89-6	Iron	3000		02/10/2025	1651
7439-92-1	Lead	1.0	U	02/10/2025	1651
7439-95-4	Magnesium	170000		02/10/2025	1651
7439-96-5	Manganese	74	*	02/10/2025	1651
7440-02-0	Nickel	1.0	U	02/10/2025	1651
7440-09-7	Potassium	4900		02/10/2025	1651
7782-49-2	Selenium	5.0	U*	02/10/2025	1651
7440-22-4	Silver	1.0	U	02/10/2025	1651
7440-23-5	Sodium	310000		02/10/2025	1651
7440-28-0	Thallium	1.0	U	02/10/2025	1651
7440-62-2	Vanadium	5.0	U	02/10/2025	1651
7440-66-6	Zinc	5.0	U	02/10/2025	1651
Hardness	Hardness (total)	2100		02/10/2025	1651

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME29B9

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51900 MA No. : 3114.1 SDG No.: ME2975
 Matrix: Water Lab Sample ID: Q1204-21
 % Solids: _____ Date Received: 02/04/2025
 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	320		02/10/2025	1654
7440-36-0	Antimony	2.0	U	02/10/2025	1654
7440-38-2	Arsenic	1.1		02/10/2025	1654
7440-39-3	Barium	17		02/10/2025	1654
7440-41-7	Beryllium	1.0	U	02/10/2025	1654
7440-43-9	Cadmium	1.0	U	02/10/2025	1654
7440-70-2	Calcium	210000		02/10/2025	1654
7440-47-3	Chromium	0.75	J	02/10/2025	1654
7440-48-4	Cobalt	0.30	J	02/10/2025	1654
7440-50-8	Copper	1.0	J	02/10/2025	1654
7439-89-6	Iron	1200		02/10/2025	1654
7439-92-1	Lead	0.53	J	02/10/2025	1654
7439-95-4	Magnesium	64000		02/10/2025	1654
7439-96-5	Manganese	97	*	02/10/2025	1654
7440-02-0	Nickel	0.71	J	02/10/2025	1654
7440-09-7	Potassium	3100		02/10/2025	1654
7782-49-2	Selenium	5.0	U*	02/10/2025	1654
7440-22-4	Silver	1.0	U	02/10/2025	1654
7440-23-5	Sodium	22000		02/10/2025	1654
7440-28-0	Thallium	1.0	U	02/10/2025	1654
7440-62-2	Vanadium	1.0	J	02/10/2025	1654
7440-66-6	Zinc	3.2	J	02/10/2025	1654
Hardness	Hardness (total)	790		02/10/2025	1654

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME29C0

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

Lab Code: ACE Case No.: 51900 MA No. : 3114.1 SDG No.: ME2975

Matrix: Water Lab Sample ID: Q1204-22

% Solids: _____ Date Received: 02/04/2025

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	9.1	J	02/10/2025	1658
7440-36-0	Antimony	0.84	J	02/10/2025	1658
7440-38-2	Arsenic	1.2		02/10/2025	1658
7440-39-3	Barium	78		02/10/2025	1658
7440-41-7	Beryllium	1.0	U	02/10/2025	1658
7440-43-9	Cadmium	1.0	U	02/10/2025	1658
7440-70-2	Calcium	500000		02/10/2025	1658
7440-47-3	Chromium	2.0	U	02/10/2025	1658
7440-48-4	Cobalt	0.14	J	02/10/2025	1658
7440-50-8	Copper	2.0	U	02/10/2025	1658
7439-89-6	Iron	83	J	02/10/2025	1658
7439-92-1	Lead	1.0	U	02/10/2025	1658
7439-95-4	Magnesium	160000		02/10/2025	1658
7439-96-5	Manganese	40	*	02/10/2025	1658
7440-02-0	Nickel	0.96	J	02/10/2025	1658
7440-09-7	Potassium	7300		02/10/2025	1658
7782-49-2	Selenium	5.0	U*	02/10/2025	1658
7440-22-4	Silver	1.0	U	02/10/2025	1658
7440-23-5	Sodium	280000		02/10/2025	1658
7440-28-0	Thallium	1.0	U	02/10/2025	1658
7440-62-2	Vanadium	0.37	J	02/10/2025	1658
7440-66-6	Zinc	5.0	U	02/10/2025	1658
Hardness	Hardness (total)	1900		02/10/2025	1658

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

Comments: