EPA SAMPLE NO.

E29Z2

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51878 MA No. : SDG No.: E29Z2

Matrix: Water Lab Sample ID: P4878-01

% Solids: Date Received: 11/15/2024

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	11/22/2024	1556
7440-36-0	Antimony	0.10	J	11/22/2024	1556
7440-38-2	Arsenic	1.5		11/22/2024	1556
7440-39-3	Barium	92		11/22/2024	1556
7440-41-7	Beryllium	1.0	U	11/22/2024	1556
7440-43-9	Cadmium	1.0	U	11/22/2024	1556
7440-70-2	Calcium	77000		11/22/2024	1556
7440-47-3	Chromium	0.56	J	11/22/2024	1556
7440-48-4	Cobalt	0.11	J	11/22/2024	1556
7440-50-8	Copper	1.2	J	11/22/2024	1556
7439-89-6	Iron	410		11/22/2024	1556
7439-92-1	Lead	1.0	U	11/22/2024	1556
7439-95-4	Magnesium	30000		11/22/2024	1556
7439-96-5	Manganese	2.7		11/22/2024	1556
7440-02-0	Nickel	1.4		11/22/2024	1556
7440-09-7	Potassium	4000		11/22/2024	1556
7782-49-2	Selenium	5.0	U	11/22/2024	1556
7440-22-4	Silver	1.0	U	11/22/2024	1556
7440-23-5	Sodium	15000		11/22/2024	1556
7440-28-0	Thallium	1.0	U	11/22/2024	1556
7440-62-2	Vanadium	0.20	J	11/22/2024	1556
7440-66-6	Zinc	5.0	U	11/22/2024	1556

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

Comments:

EPA SAMPLE NO.

E29Z4

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51878 MA No. : SDG No.: E29Z2

Matrix: Water Lab Sample ID: P4878-02

% Solids: Date Received: 11/15/2024

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	11/22/2024	1559
7440-36-0	Antimony	2.0	U	11/22/2024	1559
7440-38-2	Arsenic	1.5		11/22/2024	1559
7440-39-3	Barium	92		11/22/2024	1559
7440-41-7	Beryllium	1.0	U	11/22/2024	1559
7440-43-9	Cadmium	1.0	U	11/22/2024	1559
7440-70-2	Calcium	77000		11/22/2024	1559
7440-47-3	Chromium	2.0	U	11/22/2024	1559
7440-48-4	Cobalt	0.10	J	11/22/2024	1559
7440-50-8	Copper	0.78	J	11/22/2024	1559
7439-89-6	Iron	410		11/22/2024	1559
7439-92-1	Lead	1.0	U	11/22/2024	1559
7439-95-4	Magnesium	30000		11/22/2024	1559
7439-96-5	Manganese	2.6		11/22/2024	1559
7440-02-0	Nickel	0.91	J	11/22/2024	1559
7440-09-7	Potassium	4000		11/22/2024	1559
7782-49-2	Selenium	5.0	U	11/22/2024	1559
7440-22-4	Silver	1.0	U	11/22/2024	1559
7440-23-5	Sodium	15000		11/22/2024	1559
7440-28-0	Thallium	1.0	U	11/22/2024	1559
7440-62-2	Vanadium	0.19	J	11/22/2024	1559
7440-66-6	Zinc	5.0	U	11/22/2024	1559

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

Comments:

EPA SAMPLE NO.

E29Z6

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51878 MA No. : SDG No.: E29Z2

Matrix: Water Lab Sample ID: P4878-03

% Solids: Date Received: 11/15/2024

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	11/22/2024	1602
7440-36-0	Antimony	2.0	U	11/22/2024	1602
7440-38-2	Arsenic	1.4		11/22/2024	1602
7440-39-3	Barium	91		11/22/2024	1602
7440-41-7	Beryllium	1.0	U	11/22/2024	1602
7440-43-9	Cadmium	1.0	U	11/22/2024	1602
7440-70-2	Calcium	76000		11/22/2024	1602
7440-47-3	Chromium	0.24	J	11/22/2024	1602
7440-48-4	Cobalt	0.10	J	11/22/2024	1602
7440-50-8	Copper	0.75	J	11/22/2024	1602
7439-89-6	Iron	410		11/22/2024	1602
7439-92-1	Lead	1.0	U	11/22/2024	1602
7439-95-4	Magnesium	30000		11/22/2024	1602
7439-96-5	Manganese	17		11/22/2024	1602
7440-02-0	Nickel	0.79	J	11/22/2024	1602
7440-09-7	Potassium	4000		11/22/2024	1602
7782-49-2	Selenium	5.0	U	11/22/2024	1602
7440-22-4	Silver	1.0	U	11/22/2024	1602
7440-23-5	Sodium	15000		11/22/2024	1602
7440-28-0	Thallium	1.0	U	11/22/2024	1602
7440-62-2	Vanadium	0.19	J	11/22/2024	1602
7440-66-6	Zinc	5.0	U	11/22/2024	1602

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

Comments:

EPA SAMPLE NO.

E29Z8

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51878 MA No. : SDG No.: E29Z2

Matrix: Water Lab Sample ID: P4878-04

% Solids: Date Received: 11/15/2024

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	11/22/2024	1605
7440-36-0	Antimony	2.0	U	11/22/2024	1605
7440-38-2	Arsenic	1.5		11/22/2024	1605
7440-39-3	Barium	91		11/22/2024	1605
7440-41-7	Beryllium	1.0	U	11/22/2024	1605
7440-43-9	Cadmium	1.0	U	11/22/2024	1605
7440-70-2	Calcium	77000		11/22/2024	1605
7440-47-3	Chromium	2.0	U	11/22/2024	1605
7440-48-4	Cobalt	0.10	J	11/22/2024	1605
7440-50-8	Copper	1.3	J	11/22/2024	1605
7439-89-6	Iron	420		11/22/2024	1605
7439-92-1	Lead	1.0	U	11/22/2024	1605
7439-95-4	Magnesium	31000		11/22/2024	1605
7439-96-5	Manganese	9.5		11/22/2024	1605
7440-02-0	Nickel	0.87	J	11/22/2024	1605
7440-09-7	Potassium	3900		11/22/2024	1605
7782-49-2	Selenium	5.0	U	11/22/2024	1605
7440-22-4	Silver	1.0	U	11/22/2024	1605
7440-23-5	Sodium	15000		11/22/2024	1605
7440-28-0	Thallium	1.0	U	11/22/2024	1605
7440-62-2	Vanadium	0.21	J	11/22/2024	1605
7440-66-6	Zinc	5.0	U	11/22/2024	1605

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

Comments:

EPA SAMPLE NO.

E2A00

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51878 MA No. : SDG No.: E29Z2

Matrix: Water Lab Sample ID: P4878-06

% Solids: Date Received: 11/16/2024

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	11/22/2024	1612
7440-36-0	Antimony	2.0	U	11/22/2024	1612
7440-38-2	Arsenic	1.5		11/22/2024	1612
7440-39-3	Barium	93		11/22/2024	1612
7440-41-7	Beryllium	1.0	U	11/22/2024	1612
7440-43-9	Cadmium	1.0	U	11/22/2024	1612
7440-70-2	Calcium	78000		11/22/2024	1612
7440-47-3	Chromium	2.0	U	11/22/2024	1612
7440-48-4	Cobalt	0.10	J	11/22/2024	1612
7440-50-8	Copper	0.92	J	11/22/2024	1612
7439-89-6	Iron	420		11/22/2024	1612
7439-92-1	Lead	1.0	U	11/22/2024	1612
7439-95-4	Magnesium	31000		11/22/2024	1612
7439-96-5	Manganese	3.4		11/22/2024	1612
7440-02-0	Nickel	0.79	J	11/22/2024	1612
7440-09-7	Potassium	3900		11/22/2024	1612
7782-49-2	Selenium	5.0	U	11/22/2024	1612
7440-22-4	Silver	1.0	U	11/22/2024	1612
7440-23-5	Sodium	15000		11/22/2024	1612
7440-28-0	Thallium	1.0	U	11/22/2024	1612
7440-62-2	Vanadium	0.19	J	11/22/2024	1612
7440-66-6	Zinc	5.0	U	11/22/2024	1612

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

Comments:

EPA SAMPLE NO.

E2A02

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51878 MA No. : SDG No.: E29Z2

Matrix: Water Lab Sample ID: P4878-07

% Solids: Date Received: 11/16/2024

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	11/22/2024	1615
7440-36-0	Antimony	2.0	U	11/22/2024	1615
7440-38-2	Arsenic	1.5		11/22/2024	1615
7440-39-3	Barium	99		11/22/2024	1615
7440-41-7	Beryllium	1.0	U	11/22/2024	1615
7440-43-9	Cadmium	1.0	U	11/22/2024	1615
7440-70-2	Calcium	80000		11/22/2024	1615
7440-47-3	Chromium	2.0	U	11/22/2024	1615
7440-48-4	Cobalt	0.11	J	11/22/2024	1615
7440-50-8	Copper	1.4	J	11/22/2024	1615
7439-89-6	Iron	420		11/22/2024	1615
7439-92-1	Lead	1.0	U	11/22/2024	1615
7439-95-4	Magnesium	30000		11/22/2024	1615
7439-96-5	Manganese	1.6		11/22/2024	1615
7440-02-0	Nickel	0.85	J	11/22/2024	1615
7440-09-7	Potassium	4000		11/22/2024	1615
7782-49-2	Selenium	5.0	U	11/22/2024	1615
7440-22-4	Silver	1.0	U	11/22/2024	1615
7440-23-5	Sodium	15000		11/22/2024	1615
7440-28-0	Thallium	1.0	U	11/22/2024	1615
7440-62-2	Vanadium	0.18	J	11/22/2024	1615
7440-66-6	Zinc	5.0	U	11/22/2024	1615

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

Comments:

EPA SAMPLE NO.

E2A04

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51878 MA No. : SDG No.: E29Z2

Matrix: Water Lab Sample ID: P4878-10

% Solids: Date Received: 11/16/2024

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	11/22/2024	1627
7440-36-0	Antimony	2.0	U	11/22/2024	1627
7440-38-2	Arsenic	1.5		11/22/2024	1627
7440-39-3	Barium	100		11/22/2024	1627
7440-41-7	Beryllium	1.0	U	11/22/2024	1627
7440-43-9	Cadmium	1.0	U	11/22/2024	1627
7440-70-2	Calcium	83000		11/22/2024	1627
7440-47-3	Chromium	2.0	U	11/22/2024	1627
7440-48-4	Cobalt	0.12	J	11/22/2024	1627
7440-50-8	Copper	1.2	J	11/22/2024	1627
7439-89-6	Iron	420		11/22/2024	1627
7439-92-1	Lead	1.0	U	11/22/2024	1627
7439-95-4	Magnesium	31000		11/22/2024	1627
7439-96-5	Manganese	2.9		11/22/2024	1627
7440-02-0	Nickel	0.89	J	11/22/2024	1627
7440-09-7	Potassium	4100		11/22/2024	1627
7782-49-2	Selenium	5.0	U	11/22/2024	1627
7440-22-4	Silver	1.0	U	11/22/2024	1627
7440-23-5	Sodium	16000		11/22/2024	1627
7440-28-0	Thallium	1.0	U	11/22/2024	1627
7440-62-2	Vanadium	0.23	J	11/22/2024	1627
7440-66-6	Zinc	5.0	U	11/22/2024	1627

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

Comments:

EPA SAMPLE NO.

E2A06

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51878 MA No. : SDG No.: E29Z2

Matrix: Water Lab Sample ID: P4878-11

% Solids: Date Received: 11/16/2024

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	11/22/2024	1630
7440-36-0	Antimony	2.0	U	11/22/2024	1630
7440-38-2	Arsenic	1.5		11/22/2024	1630
7440-39-3	Barium	97		11/22/2024	1630
7440-41-7	Beryllium	1.0	U	11/22/2024	1630
7440-43-9	Cadmium	1.0	U	11/22/2024	1630
7440-70-2	Calcium	78000		11/22/2024	1630
7440-47-3	Chromium	2.0	U	11/22/2024	1630
7440-48-4	Cobalt	0.11	J	11/22/2024	1630
7440-50-8	Copper	1.4	J	11/22/2024	1630
7439-89-6	Iron	410		11/22/2024	1630
7439-92-1	Lead	1.0	U	11/22/2024	1630
7439-95-4	Magnesium	30000		11/22/2024	1630
7439-96-5	Manganese	1.5		11/22/2024	1630
7440-02-0	Nickel	0.90	J	11/22/2024	1630
7440-09-7	Potassium	4100		11/22/2024	1630
7782-49-2	Selenium	5.0	U	11/22/2024	1630
7440-22-4	Silver	1.0	U	11/22/2024	1630
7440-23-5	Sodium	16000		11/22/2024	1630
7440-28-0	Thallium	1.0	U	11/22/2024	1630
7440-62-2	Vanadium	0.20	J	11/22/2024	1630
7440-66-6	Zinc	5.0	U	11/22/2024	1630

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

Comments:

EPA SAMPLE NO.

E2A08

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51878 MA No. : SDG No.: E29Z2

Matrix: Water Lab Sample ID: P4878-12

% Solids: Date Received: 11/16/2024

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	11/22/2024	1633
7440-36-0	Antimony	2.0	U	11/22/2024	1633
7440-38-2	Arsenic	1.5		11/22/2024	1633
7440-39-3	Barium	99		11/22/2024	1633
7440-41-7	Beryllium	1.0	U	11/22/2024	1633
7440-43-9	Cadmium	1.0	U	11/22/2024	1633
7440-70-2	Calcium	80000		11/22/2024	1633
7440-47-3	Chromium	2.0	U	11/22/2024	1633
7440-48-4	Cobalt	0.11	J	11/22/2024	1633
7440-50-8	Copper	1.3	J	11/22/2024	1633
7439-89-6	Iron	420		11/22/2024	1633
7439-92-1	Lead	1.0	U	11/22/2024	1633
7439-95-4	Magnesium	31000		11/22/2024	1633
7439-96-5	Manganese	2.8		11/22/2024	1633
7440-02-0	Nickel	0.87	J	11/22/2024	1633
7440-09-7	Potassium	4100		11/22/2024	1633
7782-49-2	Selenium	5.0	U	11/22/2024	1633
7440-22-4	Silver	1.0	U	11/22/2024	1633
7440-23-5	Sodium	17000		11/22/2024	1633
7440-28-0	Thallium	1.0	U	11/22/2024	1633
7440-62-2	Vanadium	0.19	J	11/22/2024	1633
7440-66-6	Zinc	5.0	U	11/22/2024	1633

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

Comments:

EPA SAMPLE NO.

E2A10

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51878 MA No. : SDG No.: E29Z2

Matrix: Water Lab Sample ID: P4878-13

% Solids: Date Received: 11/16/2024

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	11/22/2024	1637
7440-36-0	Antimony	2.0	U	11/22/2024	1637
7440-38-2	Arsenic	1.6		11/22/2024	1637
7440-39-3	Barium	96		11/22/2024	1637
7440-41-7	Beryllium	1.0	U	11/22/2024	1637
7440-43-9	Cadmium	1.0	U	11/22/2024	1637
7440-70-2	Calcium	78000		11/22/2024	1637
7440-47-3	Chromium	0.29	J	11/22/2024	1637
7440-48-4	Cobalt	0.12	J	11/22/2024	1637
7440-50-8	Copper	1.4	J	11/22/2024	1637
7439-89-6	Iron	420		11/22/2024	1637
7439-92-1	Lead	1.0	U	11/22/2024	1637
7439-95-4	Magnesium	30000		11/22/2024	1637
7439-96-5	Manganese	3.1		11/22/2024	1637
7440-02-0	Nickel	1.5		11/22/2024	1637
7440-09-7	Potassium	4100		11/22/2024	1637
7782-49-2	Selenium	5.0	U	11/22/2024	1637
7440-22-4	Silver	1.0	U	11/22/2024	1637
7440-23-5	Sodium	16000		11/22/2024	1637
7440-28-0	Thallium	1.0	U	11/22/2024	1637
7440-62-2	Vanadium	0.22	J	11/22/2024	1637
7440-66-6	Zinc	5.0	U	11/22/2024	1637

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

Comments:

EPA SAMPLE NO.

E2A14

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51878 MA No. : SDG No.: E29Z2

Matrix: Water Lab Sample ID: P4878-05

% Solids: Date Received: 11/15/2024

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	11/22/2024	1608
7440-36-0	Antimony	2.0	U	11/22/2024	1608
7440-38-2	Arsenic	1.5		11/22/2024	1608
7440-39-3	Barium	92		11/22/2024	1608
7440-41-7	Beryllium	1.0	U	11/22/2024	1608
7440-43-9	Cadmium	1.0	U	11/22/2024	1608
7440-70-2	Calcium	78000		11/22/2024	1608
7440-47-3	Chromium	0.56	J	11/22/2024	1608
7440-48-4	Cobalt	0.13	J	11/22/2024	1608
7440-50-8	Copper	1.3	J	11/22/2024	1608
7439-89-6	Iron	420		11/22/2024	1608
7439-92-1	Lead	1.0	U	11/22/2024	1608
7439-95-4	Magnesium	31000		11/22/2024	1608
7439-96-5	Manganese	8.7		11/22/2024	1608
7440-02-0	Nickel	2.3		11/22/2024	1608
7440-09-7	Potassium	4100		11/22/2024	1608
7782-49-2	Selenium	5.0	U	11/22/2024	1608
7440-22-4	Silver	1.0	U	11/22/2024	1608
7440-23-5	Sodium	15000		11/22/2024	1608
7440-28-0	Thallium	1.0	U	11/22/2024	1608
7440-62-2	Vanadium	0.20	J	11/22/2024	1608
7440-66-6	Zinc	2.3	J	11/22/2024	1608

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

Comments: