

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MC0B99

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51943 MA No. : SDG No.: MC0B99
 Matrix: Water Lab Sample ID: Q1085-01
 % Solids: Date Received: 01/15/2025
 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	21		01/17/2025	1743
7440-36-0	Antimony	2.0	U	01/17/2025	1743
7440-38-2	Arsenic	0.35	J	01/17/2025	1743
7440-39-3	Barium	430		01/17/2025	1743
7440-41-7	Beryllium	0.33	J	01/17/2025	1743
7440-43-9	Cadmium	0.38	J	01/17/2025	1743
7440-70-2	Calcium	72000		01/17/2025	1743
7440-47-3	Chromium	7500	D	01/20/2025	1715
7440-48-4	Cobalt	15		01/17/2025	1743
7440-50-8	Copper	10		01/17/2025	1743
7439-89-6	Iron	310		01/17/2025	1743
7439-92-1	Lead	1.0	U	01/17/2025	1743
7439-95-4	Magnesium	28000		01/17/2025	1743
7439-96-5	Manganese	440		01/17/2025	1743
7440-02-0	Nickel	210		01/17/2025	1743
7440-09-7	Potassium	1700		01/17/2025	1743
7782-49-2	Selenium	0.91	J	01/17/2025	1743
7440-22-4	Silver	1.0	U	01/17/2025	1743
7440-23-5	Sodium	26000		01/17/2025	1743
7440-28-0	Thallium	1.0	U	01/17/2025	1743
7440-62-2	Vanadium	0.51	J	01/17/2025	1743
7440-66-6	Zinc	21		01/17/2025	1743

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

Comments:

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MC0BA0

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

Lab Code: ACE Case No.: 51943 MA No. : SDG No.: MC0B99

Matrix: Water Lab Sample ID: Q1085-02

% Solids: Date Received: 01/15/2025

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	01/17/2025	1746
7440-36-0	Antimony	2.0	U	01/17/2025	1746
7440-38-2	Arsenic	0.13	J	01/17/2025	1746
7440-39-3	Barium	300		01/17/2025	1746
7440-41-7	Beryllium	1.0	U	01/17/2025	1746
7440-43-9	Cadmium	1.0	U	01/17/2025	1746
7440-70-2	Calcium	67000		01/17/2025	1746
7440-47-3	Chromium	23		01/17/2025	1746
7440-48-4	Cobalt	1.8		01/17/2025	1746
7440-50-8	Copper	0.70	J	01/17/2025	1746
7439-89-6	Iron	200	U	01/17/2025	1746
7439-92-1	Lead	1.0	U	01/17/2025	1746
7439-95-4	Magnesium	27000		01/17/2025	1746
7439-96-5	Manganese	130		01/17/2025	1746
7440-02-0	Nickel	56		01/17/2025	1746
7440-09-7	Potassium	1600		01/17/2025	1746
7782-49-2	Selenium	0.92	J	01/17/2025	1746
7440-22-4	Silver	1.0	U	01/17/2025	1746
7440-23-5	Sodium	26000		01/17/2025	1746
7440-28-0	Thallium	1.0	U	01/17/2025	1746
7440-62-2	Vanadium	5.0	U	01/17/2025	1746
7440-66-6	Zinc	4.5	J	01/17/2025	1746

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

Comments:

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MC0BA1

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

Lab Code: ACE Case No.: 51943 MA No. : SDG No.: MC0B99

Matrix: Water Lab Sample ID: Q1085-03

% Solids: Date Received: 01/15/2025

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	20	U	01/17/2025	1750
7440-36-0	Antimony	2.0	U	01/17/2025	1750
7440-38-2	Arsenic	0.16	J	01/17/2025	1750
7440-39-3	Barium	190		01/17/2025	1750
7440-41-7	Beryllium	1.0	U	01/17/2025	1750
7440-43-9	Cadmium	1.0	U	01/17/2025	1750
7440-70-2	Calcium	71000		01/17/2025	1750
7440-47-3	Chromium	23		01/17/2025	1750
7440-48-4	Cobalt	1.4		01/17/2025	1750
7440-50-8	Copper	18		01/17/2025	1750
7439-89-6	Iron	200	U	01/17/2025	1750
7439-92-1	Lead	26		01/17/2025	1750
7439-95-4	Magnesium	27000		01/17/2025	1750
7439-96-5	Manganese	37		01/17/2025	1750
7440-02-0	Nickel	69		01/17/2025	1750
7440-09-7	Potassium	1600		01/17/2025	1750
7782-49-2	Selenium	5.0	U	01/17/2025	1750
7440-22-4	Silver	1.0	U	01/17/2025	1750
7440-23-5	Sodium	26000		01/17/2025	1750
7440-28-0	Thallium	1.0	U	01/17/2025	1750
7440-62-2	Vanadium	5.0	U	01/17/2025	1750
7440-66-6	Zinc	21		01/17/2025	1750

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

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MC0BA2

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

Lab Code: ACE Case No.: 51943 MA No. : SDG No.: MC0B99

Matrix: Water Lab Sample ID: Q1085-04

% Solids: Date Received: 01/15/2025

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	9.3	J	01/17/2025	1753
7440-36-0	Antimony	2.0	U	01/17/2025	1753
7440-38-2	Arsenic	0.18	J	01/17/2025	1753
7440-39-3	Barium	180		01/17/2025	1753
7440-41-7	Beryllium	1.0	U	01/17/2025	1753
7440-43-9	Cadmium	1.0	U	01/17/2025	1753
7440-70-2	Calcium	68000		01/17/2025	1753
7440-47-3	Chromium	150		01/17/2025	1753
7440-48-4	Cobalt	0.59	J	01/17/2025	1753
7440-50-8	Copper	2.0	U	01/17/2025	1753
7439-89-6	Iron	200	U	01/17/2025	1753
7439-92-1	Lead	1.0	U	01/17/2025	1753
7439-95-4	Magnesium	27000		01/17/2025	1753
7439-96-5	Manganese	36		01/17/2025	1753
7440-02-0	Nickel	21		01/17/2025	1753
7440-09-7	Potassium	1600		01/17/2025	1753
7782-49-2	Selenium	5.0	U	01/17/2025	1753
7440-22-4	Silver	1.0	U	01/17/2025	1753
7440-23-5	Sodium	27000		01/17/2025	1753
7440-28-0	Thallium	1.0	U	01/17/2025	1753
7440-62-2	Vanadium	0.29	J	01/17/2025	1753
7440-66-6	Zinc	5.0	U	01/17/2025	1753

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

Comments:

