

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MC0B00

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51948 MA No. : SDG No.: MC0B00
 Matrix: Water Lab Sample ID: Q1089-01
 % 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	14	J	01/24/2025	1329
7440-36-0	Antimony	2.0	U	01/24/2025	1329
7440-38-2	Arsenic	0.26	J	01/24/2025	1329
7440-39-3	Barium	120		01/24/2025	1329
7440-41-7	Beryllium	0.42	J	01/24/2025	1329
7440-43-9	Cadmium	0.98	J	01/24/2025	1329
7440-70-2	Calcium	47000		01/24/2025	1329
7440-47-3	Chromium	4.9		01/24/2025	1329
7440-48-4	Cobalt	2.0		01/24/2025	1329
7440-50-8	Copper	2.0	U	01/24/2025	1329
7439-89-6	Iron	18	J	01/24/2025	1329
7439-92-1	Lead	0.42	J	01/24/2025	1329
7439-95-4	Magnesium	25000		01/24/2025	1329
7439-96-5	Manganese	1600		01/24/2025	1329
7440-02-0	Nickel	9.9		01/24/2025	1329
7440-09-7	Potassium	4700		01/24/2025	1329
7782-49-2	Selenium	3.6	J	01/24/2025	1329
7440-22-4	Silver	1.0	U	01/24/2025	1329
7440-23-5	Sodium	67000		01/24/2025	1329
7440-28-0	Thallium	0.53	J	01/24/2025	1329
7440-62-2	Vanadium	5.0	U	01/24/2025	1329
7440-66-6	Zinc	9.9		01/24/2025	1329

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

Comments:

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MC0B07

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

Lab Code: ACE Case No.: 51948 MA No. : SDG No.: MC0B00

Matrix: Water Lab Sample ID: Q1089-06

% 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	01/24/2025	1349
7440-36-0	Antimony	2.0	U	01/24/2025	1349
7440-38-2	Arsenic	1.0	U	01/24/2025	1349
7440-39-3	Barium	10	U	01/24/2025	1349
7440-41-7	Beryllium	1.0	U	01/24/2025	1349
7440-43-9	Cadmium	1.0	U	01/24/2025	1349
7440-70-2	Calcium	500	U	01/24/2025	1349
7440-47-3	Chromium	0.59	J	01/24/2025	1349
7440-48-4	Cobalt	1.0	U	01/24/2025	1349
7440-50-8	Copper	2.0	U	01/24/2025	1349
7439-89-6	Iron	15	J	01/24/2025	1349
7439-92-1	Lead	1.0	U	01/24/2025	1349
7439-95-4	Magnesium	500	U	01/24/2025	1349
7439-96-5	Manganese	9.0		01/24/2025	1349
7440-02-0	Nickel	0.26	J	01/24/2025	1349
7440-09-7	Potassium	500	U	01/24/2025	1349
7782-49-2	Selenium	5.0	U	01/24/2025	1349
7440-22-4	Silver	1.0	U	01/24/2025	1349
7440-23-5	Sodium	500	U	01/24/2025	1349
7440-28-0	Thallium	1.0	U	01/24/2025	1349
7440-62-2	Vanadium	5.0	U	01/24/2025	1349
7440-66-6	Zinc	3.8	J	01/24/2025	1349

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

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MC0B09

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

Lab Code: ACE Case No.: 51948 MA No. : SDG No.: MC0B00

Matrix: Water Lab Sample ID: Q1089-12

% Solids: Date Received: 01/17/2025

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	37		01/24/2025	1408
7440-36-0	Antimony	2.0	U	01/24/2025	1408
7440-38-2	Arsenic	0.25	J	01/24/2025	1408
7440-39-3	Barium	180		01/24/2025	1408
7440-41-7	Beryllium	0.88	J	01/24/2025	1408
7440-43-9	Cadmium	0.39	J	01/24/2025	1408
7440-70-2	Calcium	24000		01/24/2025	1408
7440-47-3	Chromium	0.66	J	01/24/2025	1408
7440-48-4	Cobalt	3.3		01/24/2025	1408
7440-50-8	Copper	1.4	J	01/24/2025	1408
7439-89-6	Iron	23	J	01/24/2025	1408
7439-92-1	Lead	0.22	J	01/24/2025	1408
7439-95-4	Magnesium	14000		01/24/2025	1408
7439-96-5	Manganese	200		01/24/2025	1408
7440-02-0	Nickel	1.4		01/24/2025	1408
7440-09-7	Potassium	3400		01/24/2025	1408
7782-49-2	Selenium	2.8	J	01/24/2025	1408
7440-22-4	Silver	1.0	U	01/24/2025	1408
7440-23-5	Sodium	56000		01/24/2025	1408
7440-28-0	Thallium	1.0	U	01/24/2025	1408
7440-62-2	Vanadium	0.29	J	01/24/2025	1408
7440-66-6	Zinc	18		01/24/2025	1408

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

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MC0B10

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

Lab Code: ACE Case No.: 51948 MA No. : SDG No.: MC0B00

Matrix: Water Lab Sample ID: Q1089-13

% Solids: Date Received: 01/17/2025

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	01/24/2025	1412
7440-36-0	Antimony	2.0	U	01/24/2025	1412
7440-38-2	Arsenic	1.0	U	01/24/2025	1412
7440-39-3	Barium	10	U	01/24/2025	1412
7440-41-7	Beryllium	1.0	U	01/24/2025	1412
7440-43-9	Cadmium	1.0	U	01/24/2025	1412
7440-70-2	Calcium	500	U	01/24/2025	1412
7440-47-3	Chromium	0.62	J	01/24/2025	1412
7440-48-4	Cobalt	1.0	U	01/24/2025	1412
7440-50-8	Copper	2.0	U	01/24/2025	1412
7439-89-6	Iron	200	U	01/24/2025	1412
7439-92-1	Lead	1.0	U	01/24/2025	1412
7439-95-4	Magnesium	500	U	01/24/2025	1412
7439-96-5	Manganese	1.4		01/24/2025	1412
7440-02-0	Nickel	0.27	J	01/24/2025	1412
7440-09-7	Potassium	500	U	01/24/2025	1412
7782-49-2	Selenium	5.0	U	01/24/2025	1412
7440-22-4	Silver	1.0	U	01/24/2025	1412
7440-23-5	Sodium	500	U	01/24/2025	1412
7440-28-0	Thallium	1.0	U	01/24/2025	1412
7440-62-2	Vanadium	5.0	U	01/24/2025	1412
7440-66-6	Zinc	1.2	J	01/24/2025	1412

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

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MC0B11

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51948 MA No. : SDG No.: MC0B00
 Matrix: Water Lab Sample ID: Q1089-14
 % Solids: Date Received: 01/17/2025
 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	01/24/2025	1415
7440-36-0	Antimony	2.0	U	01/24/2025	1415
7440-38-2	Arsenic	1.0	U	01/24/2025	1415
7440-39-3	Barium	10	U	01/24/2025	1415
7440-41-7	Beryllium	1.0	U	01/24/2025	1415
7440-43-9	Cadmium	1.0	U	01/24/2025	1415
7440-70-2	Calcium	500	U	01/24/2025	1415
7440-47-3	Chromium	0.65	J	01/24/2025	1415
7440-48-4	Cobalt	1.0	U	01/24/2025	1415
7440-50-8	Copper	2.0	U	01/24/2025	1415
7439-89-6	Iron	200	U	01/24/2025	1415
7439-92-1	Lead	1.0	U	01/24/2025	1415
7439-95-4	Magnesium	500	U	01/24/2025	1415
7439-96-5	Manganese	3.5		01/24/2025	1415
7440-02-0	Nickel	0.27	J	01/24/2025	1415
7440-09-7	Potassium	500	U	01/24/2025	1415
7782-49-2	Selenium	5.0	U	01/24/2025	1415
7440-22-4	Silver	1.0	U	01/24/2025	1415
7440-23-5	Sodium	260	J	01/24/2025	1415
7440-28-0	Thallium	1.0	U	01/24/2025	1415
7440-62-2	Vanadium	5.0	U	01/24/2025	1415
7440-66-6	Zinc	5.0	U	01/24/2025	1415

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

Comments: