

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MC0AZ0

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

Lab Code: ACE Case No.: 51973 MA No. : SDG No.: MC0AZ0

Matrix: SOIL Lab Sample ID: Q1151-01

% Solids: 30.3 Date Received: 01/22/2025

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	3900		01/28/2025	2001
7440-36-0	Antimony	1500	*	01/28/2025	2001
7440-38-2	Arsenic	210	*	01/28/2025	2001
7440-39-3	Barium	110		01/28/2025	2001
7440-41-7	Beryllium	11	*	01/28/2025	2001
7440-43-9	Cadmium	3.3		01/28/2025	2001
7440-70-2	Calcium	24000		01/28/2025	2001
7440-47-3	Chromium	140000	D	01/29/2025	1613
7440-48-4	Cobalt	35000	D	01/29/2025	1625
7440-50-8	Copper	920	*	01/28/2025	2001
7439-89-6	Iron	38000		01/28/2025	2001
7439-92-1	Lead	590		01/28/2025	2001
7439-95-4	Magnesium	3500		01/28/2025	2001
7439-96-5	Manganese	620	*	01/28/2025	2001
7440-02-0	Nickel	29000	D	01/29/2025	1625
7440-09-7	Potassium	600	J	01/28/2025	2001
7782-49-2	Selenium	120	*	01/28/2025	2001
7440-22-4	Silver	2.4	J*	01/28/2025	2001
7440-23-5	Sodium	10000		01/28/2025	2001
7440-28-0	Thallium	6.9	U	01/28/2025	2001
7440-62-2	Vanadium	500		01/28/2025	2001
7440-66-6	Zinc	1400	*	01/28/2025	2001

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

Comments:

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MC0AZ1

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

Lab Code: ACE Case No.: 51973 MA No. : SDG No.: MC0AZ0

Matrix: SOIL Lab Sample ID: Q1151-02

% Solids: 30.3 Date Received: 01/22/2025

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	12000		01/27/2025	1834
7440-36-0	Antimony	17	*	01/27/2025	1834
7440-38-2	Arsenic	31	*	01/27/2025	1834
7440-39-3	Barium	81		01/27/2025	1834
7440-41-7	Beryllium	1.2	J*	01/27/2025	1834
7440-43-9	Cadmium	2.2		01/27/2025	1834
7440-70-2	Calcium	8900		01/27/2025	1834
7440-47-3	Chromium	7400		01/27/2025	1834
7440-48-4	Cobalt	3400	D	01/29/2025	1618
7440-50-8	Copper	360	*	01/27/2025	1834
7439-89-6	Iron	34000		01/27/2025	1834
7439-92-1	Lead	810		01/27/2025	1834
7439-95-4	Magnesium	5200		01/27/2025	1834
7439-96-5	Manganese	250	*	01/27/2025	1834
7440-02-0	Nickel	3400	D	01/29/2025	1618
7440-09-7	Potassium	2700		01/27/2025	1834
7782-49-2	Selenium	8.7	J*	01/27/2025	1834
7440-22-4	Silver	0.33	J*	01/27/2025	1834
7440-23-5	Sodium	8900		01/27/2025	1834
7440-28-0	Thallium	7.1	U	01/27/2025	1834
7440-62-2	Vanadium	75		01/27/2025	1834
7440-66-6	Zinc	550	*	01/27/2025	1834

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

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MC0AZ2

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

Lab Code: ACE Case No.: 51973 MA No. : SDG No.: MC0AZ0

Matrix: SOIL Lab Sample ID: Q1151-03

% Solids: 44.6 Date Received: 01/22/2025

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	8000		01/27/2025	1838
7440-36-0	Antimony	4.6	J*	01/27/2025	1838
7440-38-2	Arsenic	18	*	01/27/2025	1838
7440-39-3	Barium	70		01/27/2025	1838
7440-41-7	Beryllium	1.6	*	01/27/2025	1838
7440-43-9	Cadmium	3.3		01/27/2025	1838
7440-70-2	Calcium	3600		01/27/2025	1838
7440-47-3	Chromium	400		01/27/2025	1838
7440-48-4	Cobalt	1900	D	01/28/2025	2013
7440-50-8	Copper	260	*	01/27/2025	1838
7439-89-6	Iron	21000		01/27/2025	1838
7439-92-1	Lead	340		01/27/2025	1838
7439-95-4	Magnesium	2000		01/27/2025	1838
7439-96-5	Manganese	120	*	01/27/2025	1838
7440-02-0	Nickel	1200	D	01/28/2025	2013
7440-09-7	Potassium	610	J	01/27/2025	1838
7782-49-2	Selenium	6.1	J*	01/27/2025	1838
7440-22-4	Silver	0.54	J*	01/27/2025	1838
7440-23-5	Sodium	4600		01/27/2025	1838
7440-28-0	Thallium	5.4	U	01/27/2025	1838
7440-62-2	Vanadium	33		01/27/2025	1838
7440-66-6	Zinc	490	*	01/27/2025	1838

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

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MC0AZ3

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

Lab Code: ACE Case No.: 51973 MA No. : SDG No.: MC0AZ0

Matrix: SOIL Lab Sample ID: Q1151-04

% Solids: 67.2 Date Received: 01/22/2025

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	4300		01/27/2025	1842
7440-36-0	Antimony	1.5	J*	01/27/2025	1842
7440-38-2	Arsenic	6.2	*	01/27/2025	1842
7440-39-3	Barium	14	J	01/27/2025	1842
7440-41-7	Beryllium	0.27	J*	01/27/2025	1842
7440-43-9	Cadmium	0.32	J	01/27/2025	1842
7440-70-2	Calcium	1800		01/27/2025	1842
7440-47-3	Chromium	26		01/27/2025	1842
7440-48-4	Cobalt	180		01/27/2025	1842
7440-50-8	Copper	21	*	01/27/2025	1842
7439-89-6	Iron	13000		01/27/2025	1842
7439-92-1	Lead	63		01/27/2025	1842
7439-95-4	Magnesium	1200		01/27/2025	1842
7439-96-5	Manganese	59	*	01/27/2025	1842
7440-02-0	Nickel	78		01/27/2025	1842
7440-09-7	Potassium	530	J	01/27/2025	1842
7782-49-2	Selenium	2.3	J*	01/27/2025	1842
7440-22-4	Silver	0.098	J*	01/27/2025	1842
7440-23-5	Sodium	2300		01/27/2025	1842
7440-28-0	Thallium	3.0	U	01/27/2025	1842
7440-62-2	Vanadium	14		01/27/2025	1842
7440-66-6	Zinc	45	*	01/27/2025	1842

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

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MC0AZ4

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

Lab Code: ACE Case No.: 51973 MA No. : SDG No.: MC0AZ0

Matrix: SOIL Lab Sample ID: Q1151-05

% Solids: 30.5 Date Received: 01/22/2025

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	17000		01/27/2025	1846
7440-36-0	Antimony	4.6	J*	01/27/2025	1846
7440-38-2	Arsenic	20	*	01/27/2025	1846
7440-39-3	Barium	59		01/27/2025	1846
7440-41-7	Beryllium	1.5	*	01/27/2025	1846
7440-43-9	Cadmium	2.4		01/27/2025	1846
7440-70-2	Calcium	5000		01/27/2025	1846
7440-47-3	Chromium	1000		01/27/2025	1846
7440-48-4	Cobalt	1300	D	01/28/2025	2017
7440-50-8	Copper	130	*	01/27/2025	1846
7439-89-6	Iron	40000		01/27/2025	1846
7439-92-1	Lead	280		01/27/2025	1846
7439-95-4	Magnesium	6900		01/27/2025	1846
7439-96-5	Manganese	310	*	01/27/2025	1846
7440-02-0	Nickel	970		01/27/2025	1846
7440-09-7	Potassium	3900		01/27/2025	1846
7782-49-2	Selenium	8.0	*	01/27/2025	1846
7440-22-4	Silver	0.59	J*	01/27/2025	1846
7440-23-5	Sodium	10000		01/27/2025	1846
7440-28-0	Thallium	5.7	U	01/27/2025	1846
7440-62-2	Vanadium	46		01/27/2025	1846
7440-66-6	Zinc	460	*	01/27/2025	1846

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

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MC0AZ5

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

Lab Code: ACE Case No.: 51973 MA No. : SDG No.: MC0AZ0

Matrix: SOIL Lab Sample ID: Q1151-06

% Solids: 34.7 Date Received: 01/22/2025

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	16000		01/27/2025	1850
7440-36-0	Antimony	4.9	J*	01/27/2025	1850
7440-38-2	Arsenic	18	*	01/27/2025	1850
7440-39-3	Barium	54		01/27/2025	1850
7440-41-7	Beryllium	1.2	*	01/27/2025	1850
7440-43-9	Cadmium	1.3		01/27/2025	1850
7440-70-2	Calcium	2800		01/27/2025	1850
7440-47-3	Chromium	2500		01/27/2025	1850
7440-48-4	Cobalt	770		01/27/2025	1850
7440-50-8	Copper	99	*	01/27/2025	1850
7439-89-6	Iron	33000		01/27/2025	1850
7439-92-1	Lead	150		01/27/2025	1850
7439-95-4	Magnesium	6500		01/27/2025	1850
7439-96-5	Manganese	280	*	01/27/2025	1850
7440-02-0	Nickel	710		01/27/2025	1850
7440-09-7	Potassium	3500		01/27/2025	1850
7782-49-2	Selenium	6.1	J*	01/27/2025	1850
7440-22-4	Silver	0.56	J*	01/27/2025	1850
7440-23-5	Sodium	10000		01/27/2025	1850
7440-28-0	Thallium	5.8	U	01/27/2025	1850
7440-62-2	Vanadium	46		01/27/2025	1850
7440-66-6	Zinc	280	*	01/27/2025	1850

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

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MC0AZ6

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

Lab Code: ACE Case No.: 51973 MA No. : SDG No.: MC0AZ0

Matrix: SOIL Lab Sample ID: Q1151-07

% Solids: 42 Date Received: 01/22/2025

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6000		01/27/2025	1854
7440-36-0	Antimony	12	U*	01/27/2025	1854
7440-38-2	Arsenic	3.3	*	01/27/2025	1854
7440-39-3	Barium	64		01/27/2025	1854
7440-41-7	Beryllium	4.5	*	01/27/2025	1854
7440-43-9	Cadmium	1.9		01/27/2025	1854
7440-70-2	Calcium	6300		01/27/2025	1854
7440-47-3	Chromium	19		01/27/2025	1854
7440-48-4	Cobalt	35		01/27/2025	1854
7440-50-8	Copper	36	*	01/27/2025	1854
7439-89-6	Iron	11000		01/27/2025	1854
7439-92-1	Lead	57		01/27/2025	1854
7439-95-4	Magnesium	3000		01/27/2025	1854
7439-96-5	Manganese	230	*	01/27/2025	1854
7440-02-0	Nickel	51		01/27/2025	1854
7440-09-7	Potassium	1100		01/27/2025	1854
7782-49-2	Selenium	2.0	J*	01/27/2025	1854
7440-22-4	Silver	2.1	U*	01/27/2025	1854
7440-23-5	Sodium	10000		01/27/2025	1854
7440-28-0	Thallium	5.2	U	01/27/2025	1854
7440-62-2	Vanadium	12		01/27/2025	1854
7440-66-6	Zinc	94	*	01/27/2025	1854

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

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MC0AZ7

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

Lab Code: ACE Case No.: 51973 MA No. : SDG No.: MC0AZ0

Matrix: SOIL Lab Sample ID: Q1151-08

% Solids: 41.4 Date Received: 01/22/2025

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	5600		01/27/2025	1858
7440-36-0	Antimony	1.3	J*	01/27/2025	1858
7440-38-2	Arsenic	17	*	01/27/2025	1858
7440-39-3	Barium	110		01/27/2025	1858
7440-41-7	Beryllium	3.9	*	01/27/2025	1858
7440-43-9	Cadmium	1.7		01/27/2025	1858
7440-70-2	Calcium	3600		01/27/2025	1858
7440-47-3	Chromium	38		01/27/2025	1858
7440-48-4	Cobalt	54		01/27/2025	1858
7440-50-8	Copper	53	*	01/27/2025	1858
7439-89-6	Iron	11000		01/27/2025	1858
7439-92-1	Lead	170		01/27/2025	1858
7439-95-4	Magnesium	2600		01/27/2025	1858
7439-96-5	Manganese	84	*	01/27/2025	1858
7440-02-0	Nickel	56		01/27/2025	1858
7440-09-7	Potassium	1200		01/27/2025	1858
7782-49-2	Selenium	5.6	J*	01/27/2025	1858
7440-22-4	Silver	2.2	U*	01/27/2025	1858
7440-23-5	Sodium	7800		01/27/2025	1858
7440-28-0	Thallium	5.5	U	01/27/2025	1858
7440-62-2	Vanadium	19		01/27/2025	1858
7440-66-6	Zinc	120	*	01/27/2025	1858

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

Comments:

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MC0B00

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51973 MA No. : SDG No.: MC0AZ0
 Matrix: SOIL Lab Sample ID: Q1151-11
 % Solids: 45.1 Date Received: 01/22/2025
 Analytical Method: ICP_AES
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	5300		01/27/2025	1913
7440-36-0	Antimony	6.4	J*	01/27/2025	1913
7440-38-2	Arsenic	27	*	01/27/2025	1913
7440-39-3	Barium	150		01/27/2025	1913
7440-41-7	Beryllium	0.82	J*	01/27/2025	1913
7440-43-9	Cadmium	5.1		01/27/2025	1913
7440-70-2	Calcium	7500		01/27/2025	1913
7440-47-3	Chromium	27		01/27/2025	1913
7440-48-4	Cobalt	14		01/27/2025	1913
7440-50-8	Copper	79	*	01/27/2025	1913
7439-89-6	Iron	71000		01/27/2025	1913
7439-92-1	Lead	190		01/27/2025	1913
7439-95-4	Magnesium	4700		01/27/2025	1913
7439-96-5	Manganese	240	*	01/27/2025	1913
7440-02-0	Nickel	45		01/27/2025	1913
7440-09-7	Potassium	1300		01/27/2025	1913
7782-49-2	Selenium	12	*	01/27/2025	1913
7440-22-4	Silver	2.0	U*	01/27/2025	1913
7440-23-5	Sodium	7600		01/27/2025	1913
7440-28-0	Thallium	5.0	U	01/27/2025	1913
7440-62-2	Vanadium	24		01/27/2025	1913
7440-66-6	Zinc	880	*	01/27/2025	1913

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

Comments:

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MC0B01

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51973 MA No. : SDG No.: MC0AZ0
 Matrix: SOIL Lab Sample ID: Q1151-12
 % Solids: 40.2 Date Received: 01/22/2025
 Analytical Method: ICP_AES
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	8200		01/27/2025	1930
7440-36-0	Antimony	1.7	J*	01/27/2025	1930
7440-38-2	Arsenic	8.3	*	01/27/2025	1930
7440-39-3	Barium	39		01/27/2025	1930
7440-41-7	Beryllium	0.45	J*	01/27/2025	1930
7440-43-9	Cadmium	0.80	J	01/27/2025	1930
7440-70-2	Calcium	1200		01/27/2025	1930
7440-47-3	Chromium	42		01/27/2025	1930
7440-48-4	Cobalt	13		01/27/2025	1930
7440-50-8	Copper	66	*	01/27/2025	1930
7439-89-6	Iron	16000		01/27/2025	1930
7439-92-1	Lead	76		01/27/2025	1930
7439-95-4	Magnesium	2400		01/27/2025	1930
7439-96-5	Manganese	76	*	01/27/2025	1930
7440-02-0	Nickel	21		01/27/2025	1930
7440-09-7	Potassium	1300		01/27/2025	1930
7782-49-2	Selenium	2.8	J*	01/27/2025	1930
7440-22-4	Silver	0.37	J*	01/27/2025	1930
7440-23-5	Sodium	7700		01/27/2025	1930
7440-28-0	Thallium	4.3	U	01/27/2025	1930
7440-62-2	Vanadium	27		01/27/2025	1930
7440-66-6	Zinc	140	*	01/27/2025	1930

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

Comments:

