

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHH96

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

Lab Code: ACE Case No.: 51974 MA No. : SDG No.: MBHH96

Matrix: SOIL Lab Sample ID: Q1181-01

% Solids: 95.4 Date Received: 01/24/2025

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	13000		01/27/2025	2003
7440-36-0	Antimony	2.5	J	01/27/2025	2003
7440-38-2	Arsenic	8.5		01/27/2025	2003
7440-39-3	Barium	90		01/27/2025	2003
7440-41-7	Beryllium	0.73		01/27/2025	2003
7440-43-9	Cadmium	0.66		01/27/2025	2003
7440-70-2	Calcium	10000		01/27/2025	2003
7440-47-3	Chromium	42		01/27/2025	2003
7440-48-4	Cobalt	17		01/27/2025	2003
7440-50-8	Copper	49		01/27/2025	2003
7439-89-6	Iron	32000		01/27/2025	2003
7439-92-1	Lead	19		01/27/2025	2003
7439-95-4	Magnesium	9500		01/27/2025	2003
7439-96-5	Manganese	650		01/27/2025	2003
7440-02-0	Nickel	39		01/27/2025	2003
7440-09-7	Potassium	320	J	01/27/2025	2003
7782-49-2	Selenium	4.2		01/27/2025	2003
7440-22-4	Silver	0.90	U*	01/27/2025	2003
7440-23-5	Sodium	91	J	01/27/2025	2003
7440-28-0	Thallium	2.3	U	01/27/2025	2003
7440-62-2	Vanadium	38		01/27/2025	2003
7440-66-6	Zinc	71		01/27/2025	2003

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

Comments:

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MBHH97

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

Lab Code: ACE Case No.: 51974 MA No. : SDG No.: MBHH96

Matrix: SOIL Lab Sample ID: Q1181-02

% Solids: 90.6 Date Received: 01/24/2025

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	2007
7440-36-0	Antimony	2.2	J	01/27/2025	2007
7440-38-2	Arsenic	9.4		01/27/2025	2007
7440-39-3	Barium	100		01/27/2025	2007
7440-41-7	Beryllium	0.68		01/27/2025	2007
7440-43-9	Cadmium	0.60		01/27/2025	2007
7440-70-2	Calcium	4200		01/27/2025	2007
7440-47-3	Chromium	39		01/27/2025	2007
7440-48-4	Cobalt	15		01/27/2025	2007
7440-50-8	Copper	29		01/27/2025	2007
7439-89-6	Iron	29000		01/27/2025	2007
7439-92-1	Lead	18		01/27/2025	2007
7439-95-4	Magnesium	8800		01/27/2025	2007
7439-96-5	Manganese	540		01/27/2025	2007
7440-02-0	Nickel	37		01/27/2025	2007
7440-09-7	Potassium	250	J	01/27/2025	2007
7782-49-2	Selenium	4.2		01/27/2025	2007
7440-22-4	Silver	0.059	J*	01/27/2025	2007
7440-23-5	Sodium	98	J	01/27/2025	2007
7440-28-0	Thallium	2.2	U	01/27/2025	2007
7440-62-2	Vanadium	37		01/27/2025	2007
7440-66-6	Zinc	68		01/27/2025	2007

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

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MBHH98

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

Lab Code: ACE Case No.: 51974 MA No. : SDG No.: MBHH96

Matrix: SOIL Lab Sample ID: Q1181-03

% Solids: 82.8 Date Received: 01/24/2025

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	11000		01/27/2025	2011
7440-36-0	Antimony	1.4	J	01/27/2025	2011
7440-38-2	Arsenic	6.4		01/27/2025	2011
7440-39-3	Barium	86		01/27/2025	2011
7440-41-7	Beryllium	0.94		01/27/2025	2011
7440-43-9	Cadmium	0.49	J	01/27/2025	2011
7440-70-2	Calcium	4400		01/27/2025	2011
7440-47-3	Chromium	27		01/27/2025	2011
7440-48-4	Cobalt	18		01/27/2025	2011
7440-50-8	Copper	24		01/27/2025	2011
7439-89-6	Iron	20000		01/27/2025	2011
7439-92-1	Lead	26		01/27/2025	2011
7439-95-4	Magnesium	6500		01/27/2025	2011
7439-96-5	Manganese	730		01/27/2025	2011
7440-02-0	Nickel	34		01/27/2025	2011
7440-09-7	Potassium	910		01/27/2025	2011
7782-49-2	Selenium	2.9	J	01/27/2025	2011
7440-22-4	Silver	1.1	U*	01/27/2025	2011
7440-23-5	Sodium	540	U	01/27/2025	2011
7440-28-0	Thallium	2.7	U	01/27/2025	2011
7440-62-2	Vanadium	26		01/27/2025	2011
7440-66-6	Zinc	90		01/27/2025	2011

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

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MBHH99

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

Lab Code: ACE Case No.: 51974 MA No. : SDG No.: MBHH96

Matrix: SOIL Lab Sample ID: Q1181-04

% Solids: 74 Date Received: 01/24/2025

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	5800		01/27/2025	2015
7440-36-0	Antimony	0.64	J	01/27/2025	2015
7440-38-2	Arsenic	2.1		01/27/2025	2015
7440-39-3	Barium	87		01/27/2025	2015
7440-41-7	Beryllium	0.58		01/27/2025	2015
7440-43-9	Cadmium	0.20	J	01/27/2025	2015
7440-70-2	Calcium	15000		01/27/2025	2015
7440-47-3	Chromium	10		01/27/2025	2015
7440-48-4	Cobalt	7.1		01/27/2025	2015
7440-50-8	Copper	7.1		01/27/2025	2015
7439-89-6	Iron	8600		01/27/2025	2015
7439-92-1	Lead	19		01/27/2025	2015
7439-95-4	Magnesium	3500		01/27/2025	2015
7439-96-5	Manganese	740		01/27/2025	2015
7440-02-0	Nickel	13		01/27/2025	2015
7440-09-7	Potassium	590		01/27/2025	2015
7782-49-2	Selenium	1.4	J	01/27/2025	2015
7440-22-4	Silver	1.0	U*	01/27/2025	2015
7440-23-5	Sodium	520	U	01/27/2025	2015
7440-28-0	Thallium	2.6	U	01/27/2025	2015
7440-62-2	Vanadium	12		01/27/2025	2015
7440-66-6	Zinc	46		01/27/2025	2015

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

Comments: