

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MH2H28

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

Lab Code: ACE Case No.: 51822 MA No. : SDG No.: MH2H28

Matrix: SOIL Lab Sample ID: Q1102-01

% Solids: 100 Date Received: 01/16/2025

Analytical Method: ICP_MS

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
7440-36-0	Antimony	4.9		01/24/2025	1427
7440-38-2	Arsenic	5.6	*	01/24/2025	1427
7440-39-3	Barium	100		01/24/2025	1427
7440-41-7	Beryllium	0.22	J	01/24/2025	1427
7440-43-9	Cadmium	5.6		01/24/2025	1427
7440-47-3	Chromium	19		01/24/2025	1427
7440-48-4	Cobalt	3.2		01/24/2025	1427
7440-50-8	Copper	110	*	01/24/2025	1427
7439-92-1	Lead	220		01/24/2025	1427
7439-96-5	Manganese	210		01/24/2025	1427
7440-02-0	Nickel	9.9		01/24/2025	1427
7782-49-2	Selenium	1.7	J	01/24/2025	1427
7440-22-4	Silver	6.4		01/24/2025	1427
7440-28-0	Thallium	0.19	J	01/24/2025	1427
7440-62-2	Vanadium	8.3		01/24/2025	1427
7440-66-6	Zinc	1400		01/24/2025	1427

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

Comments:

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EPA SAMPLE NO.

MH2H29

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51822 MA No. : SDG No.: MH2H28
 Matrix: SOIL Lab Sample ID: Q1102-02
 % Solids: 100 Date Received: 01/16/2025
 Analytical Method: ICP_MS
 Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	4.2		01/24/2025	1440
7440-38-2	Arsenic	4.9	*	01/24/2025	1440
7440-39-3	Barium	99		01/24/2025	1440
7440-41-7	Beryllium	0.17	J	01/24/2025	1440
7440-43-9	Cadmium	4.0		01/24/2025	1440
7440-47-3	Chromium	24		01/24/2025	1440
7440-48-4	Cobalt	3.8		01/24/2025	1440
7440-50-8	Copper	82	*	01/24/2025	1440
7439-92-1	Lead	270		01/24/2025	1440
7439-96-5	Manganese	170		01/24/2025	1440
7440-02-0	Nickel	11		01/24/2025	1440
7782-49-2	Selenium	0.78	J	01/24/2025	1440
7440-22-4	Silver	23		01/24/2025	1440
7440-28-0	Thallium	0.13	J	01/24/2025	1440
7440-62-2	Vanadium	6.0		01/24/2025	1440
7440-66-6	Zinc	850		01/24/2025	1440

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

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MH2H30

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

Lab Code: ACE Case No.: 51822 MA No. : SDG No.: MH2H28

Matrix: SOIL Lab Sample ID: Q1102-03

% Solids: 100 Date Received: 01/16/2025

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.8		01/24/2025	1444
7440-38-2	Arsenic	5.9	*	01/24/2025	1444
7440-39-3	Barium	80		01/24/2025	1444
7440-41-7	Beryllium	0.25	J	01/24/2025	1444
7440-43-9	Cadmium	2.9		01/24/2025	1444
7440-47-3	Chromium	10		01/24/2025	1444
7440-48-4	Cobalt	2.9		01/24/2025	1444
7440-50-8	Copper	51	*	01/24/2025	1444
7439-92-1	Lead	190		01/24/2025	1444
7439-96-5	Manganese	210		01/24/2025	1444
7440-02-0	Nickel	8.4		01/24/2025	1444
7782-49-2	Selenium	0.76	J	01/24/2025	1444
7440-22-4	Silver	3.2		01/24/2025	1444
7440-28-0	Thallium	0.18	J	01/24/2025	1444
7440-62-2	Vanadium	9.2		01/24/2025	1444
7440-66-6	Zinc	760		01/24/2025	1444

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

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MH2H31

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

Lab Code: ACE Case No.: 51822 MA No. : SDG No.: MH2H28

Matrix: SOIL Lab Sample ID: Q1102-06

% Solids: 100 Date Received: 01/16/2025

Analytical Method: ICP_MS

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
7440-36-0	Antimony	1.4		01/24/2025	1457
7440-38-2	Arsenic	3.9	*	01/24/2025	1457
7440-39-3	Barium	75		01/24/2025	1457
7440-41-7	Beryllium	0.29	J	01/24/2025	1457
7440-43-9	Cadmium	8.7		01/24/2025	1457
7440-47-3	Chromium	23		01/24/2025	1457
7440-48-4	Cobalt	3.2		01/24/2025	1457
7440-50-8	Copper	81	*	01/24/2025	1457
7439-92-1	Lead	330		01/24/2025	1457
7439-96-5	Manganese	260		01/24/2025	1457
7440-02-0	Nickel	11		01/24/2025	1457
7782-49-2	Selenium	0.69	J	01/24/2025	1457
7440-22-4	Silver	12		01/24/2025	1457
7440-28-0	Thallium	0.12	J	01/24/2025	1457
7440-62-2	Vanadium	14		01/24/2025	1457
7440-66-6	Zinc	1700		01/24/2025	1457

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

Comments: