

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MH2GX1

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

Lab Code: ACE Case No.: 51822 MA No. : 3105.0 SDG No.: MH2GX1

Matrix: SOIL Lab Sample ID: Q1179-01

% Solids: 100 Date Received: 01/24/2025

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	3.9		01/28/2025	1600
7440-38-2	Arsenic	57		01/28/2025	1600
7440-39-3	Barium	720		01/28/2025	1600
7440-41-7	Beryllium	1.7		01/28/2025	1600
7440-43-9	Cadmium	3.6		01/28/2025	1600
7440-47-3	Chromium	16		01/28/2025	1600
7440-48-4	Cobalt	8.6		01/28/2025	1600
7440-50-8	Copper	440		01/28/2025	1600
7439-92-1	Lead	1700	D	01/28/2025	1658
7439-96-5	Manganese	1800		01/28/2025	1600
7440-02-0	Nickel	30		01/28/2025	1600
7782-49-2	Selenium	0.77	J*	01/28/2025	1600
7440-22-4	Silver	6.7		01/28/2025	1600
7440-28-0	Thallium	0.24		01/28/2025	1600
7440-62-2	Vanadium	31		01/28/2025	1600
7440-66-6	Zinc	2500	D	01/28/2025	1658

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

Comments:

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MH2H17

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

Lab Code: ACE Case No.: 51822 MA No. : 3105.0 SDG No.: MH2GX1

Matrix: SOIL Lab Sample ID: Q1179-04

% Solids: 100 Date Received: 01/24/2025

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	0.81		01/28/2025	1612
7440-38-2	Arsenic	11		01/28/2025	1612
7440-39-3	Barium	180		01/28/2025	1612
7440-41-7	Beryllium	0.53		01/28/2025	1612
7440-43-9	Cadmium	2.7		01/28/2025	1612
7440-47-3	Chromium	12		01/28/2025	1612
7440-48-4	Cobalt	6.6		01/28/2025	1612
7440-50-8	Copper	73		01/28/2025	1612
7439-92-1	Lead	230		01/28/2025	1612
7439-96-5	Manganese	1100		01/28/2025	1612
7440-02-0	Nickel	26		01/28/2025	1612
7782-49-2	Selenium	0.43	J*	01/28/2025	1612
7440-22-4	Silver	0.90		01/28/2025	1612
7440-28-0	Thallium	0.20	J	01/28/2025	1612
7440-62-2	Vanadium	23		01/28/2025	1612
7440-66-6	Zinc	730		01/28/2025	1612

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

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MH2H18

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

Lab Code: ACE Case No.: 51822 MA No. : 3105.0 SDG No.: MH2GX1

Matrix: SOIL Lab Sample ID: Q1179-05

% Solids: 100 Date Received: 01/24/2025

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	0.73		01/28/2025	1615
7440-38-2	Arsenic	12		01/28/2025	1615
7440-39-3	Barium	180		01/28/2025	1615
7440-41-7	Beryllium	0.61		01/28/2025	1615
7440-43-9	Cadmium	2.8		01/28/2025	1615
7440-47-3	Chromium	8.0		01/28/2025	1615
7440-48-4	Cobalt	6.2		01/28/2025	1615
7440-50-8	Copper	62		01/28/2025	1615
7439-92-1	Lead	170		01/28/2025	1615
7439-96-5	Manganese	740		01/28/2025	1615
7440-02-0	Nickel	27		01/28/2025	1615
7782-49-2	Selenium	0.49	J*	01/28/2025	1615
7440-22-4	Silver	0.98		01/28/2025	1615
7440-28-0	Thallium	0.27		01/28/2025	1615
7440-62-2	Vanadium	24		01/28/2025	1615
7440-66-6	Zinc	470		01/28/2025	1615

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

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MH2H19

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

Lab Code: ACE Case No.: 51822 MA No. : 3105.0 SDG No.: MH2GX1

Matrix: SOIL Lab Sample ID: Q1179-06

% Solids: 100 Date Received: 01/24/2025

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	0.38	J	01/28/2025	1619
7440-38-2	Arsenic	7.7		01/28/2025	1619
7440-39-3	Barium	200		01/28/2025	1619
7440-41-7	Beryllium	0.57		01/28/2025	1619
7440-43-9	Cadmium	1.2		01/28/2025	1619
7440-47-3	Chromium	8.8		01/28/2025	1619
7440-48-4	Cobalt	5.7		01/28/2025	1619
7440-50-8	Copper	29		01/28/2025	1619
7439-92-1	Lead	47		01/28/2025	1619
7439-96-5	Manganese	350		01/28/2025	1619
7440-02-0	Nickel	25		01/28/2025	1619
7782-49-2	Selenium	0.54	J*	01/28/2025	1619
7440-22-4	Silver	0.40		01/28/2025	1619
7440-28-0	Thallium	0.24		01/28/2025	1619
7440-62-2	Vanadium	28		01/28/2025	1619
7440-66-6	Zinc	150		01/28/2025	1619

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

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MH2H20

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

Lab Code: ACE Case No.: 51822 MA No. : 3105.0 SDG No.: MH2GX1

Matrix: SOIL Lab Sample ID: Q1179-07

% Solids: 100 Date Received: 01/24/2025

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	0.51		01/28/2025	1622
7440-38-2	Arsenic	4.8		01/28/2025	1622
7440-39-3	Barium	130		01/28/2025	1622
7440-41-7	Beryllium	0.56		01/28/2025	1622
7440-43-9	Cadmium	0.95		01/28/2025	1622
7440-47-3	Chromium	28		01/28/2025	1622
7440-48-4	Cobalt	4.0		01/28/2025	1622
7440-50-8	Copper	38		01/28/2025	1622
7439-92-1	Lead	89		01/28/2025	1622
7439-96-5	Manganese	940		01/28/2025	1622
7440-02-0	Nickel	16		01/28/2025	1622
7782-49-2	Selenium	0.59	J*	01/28/2025	1622
7440-22-4	Silver	0.30		01/28/2025	1622
7440-28-0	Thallium	0.094	J	01/28/2025	1622
7440-62-2	Vanadium	16		01/28/2025	1622
7440-66-6	Zinc	340		01/28/2025	1622

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

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MH2H21

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

Lab Code: ACE Case No.: 51822 MA No. : 3105.0 SDG No.: MH2GX1

Matrix: SOIL Lab Sample ID: Q1179-08

% Solids: 100 Date Received: 01/24/2025

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	0.53		01/28/2025	1625
7440-38-2	Arsenic	6.7		01/28/2025	1625
7440-39-3	Barium	170		01/28/2025	1625
7440-41-7	Beryllium	0.70		01/28/2025	1625
7440-43-9	Cadmium	1.5		01/28/2025	1625
7440-47-3	Chromium	15		01/28/2025	1625
7440-48-4	Cobalt	5.3		01/28/2025	1625
7440-50-8	Copper	43		01/28/2025	1625
7439-92-1	Lead	110		01/28/2025	1625
7439-96-5	Manganese	690		01/28/2025	1625
7440-02-0	Nickel	19		01/28/2025	1625
7782-49-2	Selenium	0.69	J*	01/28/2025	1625
7440-22-4	Silver	0.43		01/28/2025	1625
7440-28-0	Thallium	0.18	J	01/28/2025	1625
7440-62-2	Vanadium	23		01/28/2025	1625
7440-66-6	Zinc	340		01/28/2025	1625

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

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MH2H22

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

Lab Code: ACE Case No.: 51822 MA No. : 3105.0 SDG No.: MH2GX1

Matrix: SOIL Lab Sample ID: Q1179-09

% Solids: 100 Date Received: 01/24/2025

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	0.40	J	01/28/2025	1628
7440-38-2	Arsenic	6.0		01/28/2025	1628
7440-39-3	Barium	180		01/28/2025	1628
7440-41-7	Beryllium	0.54		01/28/2025	1628
7440-43-9	Cadmium	1.2		01/28/2025	1628
7440-47-3	Chromium	8.1		01/28/2025	1628
7440-48-4	Cobalt	5.1		01/28/2025	1628
7440-50-8	Copper	30		01/28/2025	1628
7439-92-1	Lead	75		01/28/2025	1628
7439-96-5	Manganese	430		01/28/2025	1628
7440-02-0	Nickel	22		01/28/2025	1628
7782-49-2	Selenium	0.42	J*	01/28/2025	1628
7440-22-4	Silver	0.30		01/28/2025	1628
7440-28-0	Thallium	0.19	J	01/28/2025	1628
7440-62-2	Vanadium	25		01/28/2025	1628
7440-66-6	Zinc	200		01/28/2025	1628

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

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MH2H23

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

Lab Code: ACE Case No.: 51822 MA No. : 3105.0 SDG No.: MH2GX1

Matrix: SOIL Lab Sample ID: Q1179-10

% Solids: 100 Date Received: 01/24/2025

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	0.30	J	01/28/2025	1646
7440-38-2	Arsenic	5.3		01/28/2025	1646
7440-39-3	Barium	290		01/28/2025	1646
7440-41-7	Beryllium	0.47		01/28/2025	1646
7440-43-9	Cadmium	0.99		01/28/2025	1646
7440-47-3	Chromium	8.3		01/28/2025	1646
7440-48-4	Cobalt	5.2		01/28/2025	1646
7440-50-8	Copper	23		01/28/2025	1646
7439-92-1	Lead	41		01/28/2025	1646
7439-96-5	Manganese	300		01/28/2025	1646
7440-02-0	Nickel	35		01/28/2025	1646
7782-49-2	Selenium	0.34	J*	01/28/2025	1646
7440-22-4	Silver	0.23		01/28/2025	1646
7440-28-0	Thallium	0.22	J	01/28/2025	1646
7440-62-2	Vanadium	28		01/28/2025	1646
7440-66-6	Zinc	120		01/28/2025	1646

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

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MH2H24

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

Lab Code: ACE Case No.: 51822 MA No. : 3105.0 SDG No.: MH2GX1

Matrix: SOIL Lab Sample ID: Q1179-11

% Solids: 100 Date Received: 01/24/2025

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	0.93		01/28/2025	1649
7440-38-2	Arsenic	10		01/28/2025	1649
7440-39-3	Barium	190		01/28/2025	1649
7440-41-7	Beryllium	0.65		01/28/2025	1649
7440-43-9	Cadmium	2.5		01/28/2025	1649
7440-47-3	Chromium	14		01/28/2025	1649
7440-48-4	Cobalt	6.0		01/28/2025	1649
7440-50-8	Copper	69		01/28/2025	1649
7439-92-1	Lead	200		01/28/2025	1649
7439-96-5	Manganese	980		01/28/2025	1649
7440-02-0	Nickel	23		01/28/2025	1649
7782-49-2	Selenium	0.48	J*	01/28/2025	1649
7440-22-4	Silver	0.84		01/28/2025	1649
7440-28-0	Thallium	0.16	J	01/28/2025	1649
7440-62-2	Vanadium	24		01/28/2025	1649
7440-66-6	Zinc	690		01/28/2025	1649

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

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MH2H25

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

Lab Code: ACE Case No.: 51822 MA No. : 3105.0 SDG No.: MH2GX1

Matrix: SOIL Lab Sample ID: Q1179-12

% Solids: 100 Date Received: 01/24/2025

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	0.40	J	01/28/2025	1652
7440-38-2	Arsenic	6.5		01/28/2025	1652
7440-39-3	Barium	140		01/28/2025	1652
7440-41-7	Beryllium	0.42		01/28/2025	1652
7440-43-9	Cadmium	1.1		01/28/2025	1652
7440-47-3	Chromium	6.3		01/28/2025	1652
7440-48-4	Cobalt	4.7		01/28/2025	1652
7440-50-8	Copper	29		01/28/2025	1652
7439-92-1	Lead	62		01/28/2025	1652
7439-96-5	Manganese	380		01/28/2025	1652
7440-02-0	Nickel	22		01/28/2025	1652
7782-49-2	Selenium	0.35	J*	01/28/2025	1652
7440-22-4	Silver	0.30		01/28/2025	1652
7440-28-0	Thallium	0.16	J	01/28/2025	1652
7440-62-2	Vanadium	21		01/28/2025	1652
7440-66-6	Zinc	190		01/28/2025	1652

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

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MH2H26

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

Lab Code: ACE Case No.: 51822 MA No. : 3105.0 SDG No.: MH2GX1

Matrix: SOIL Lab Sample ID: Q1179-13

% Solids: 100 Date Received: 01/24/2025

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	0.67		01/28/2025	1655
7440-38-2	Arsenic	14		01/28/2025	1655
7440-39-3	Barium	160		01/28/2025	1655
7440-41-7	Beryllium	0.54		01/28/2025	1655
7440-43-9	Cadmium	2.4		01/28/2025	1655
7440-47-3	Chromium	7.6		01/28/2025	1655
7440-48-4	Cobalt	5.4		01/28/2025	1655
7440-50-8	Copper	70		01/28/2025	1655
7439-92-1	Lead	180		01/28/2025	1655
7439-96-5	Manganese	830		01/28/2025	1655
7440-02-0	Nickel	30		01/28/2025	1655
7782-49-2	Selenium	0.41	J*	01/28/2025	1655
7440-22-4	Silver	0.92		01/28/2025	1655
7440-28-0	Thallium	0.18	J	01/28/2025	1655
7440-62-2	Vanadium	21		01/28/2025	1655
7440-66-6	Zinc	560		01/28/2025	1655

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

Comments: