

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MH2GT6

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

Lab Code: ACE Case No.: 51822 MA No. : SDG No.: MH2GT6

Matrix: SOIL Lab Sample ID: P4806-01

% Solids: 100 Date Received: 11/11/2024

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	2.3		11/18/2024	0726
7440-38-2	Arsenic	6.5		11/18/2024	0726
7440-39-3	Barium	480		11/18/2024	0726
7440-41-7	Beryllium	0.64		11/18/2024	0726
7440-43-9	Cadmium	3.0		11/18/2024	0726
7440-47-3	Chromium	16		11/18/2024	0726
7440-48-4	Cobalt	5.4		11/18/2024	0726
7440-50-8	Copper	61		11/18/2024	0726
7439-92-1	Lead	2200	D	11/18/2024	0837
7439-96-5	Manganese	270	*	11/18/2024	0726
7440-02-0	Nickel	6.7		11/18/2024	0726
7782-49-2	Selenium	0.64	J	11/18/2024	0726
7440-22-4	Silver	0.50		11/18/2024	0726
7440-28-0	Thallium	0.10	J	11/18/2024	0726
7440-62-2	Vanadium	4.9		11/18/2024	0726
7440-66-6	Zinc	680		11/18/2024	0726

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

Comments:

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MH2GT7

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

Lab Code: ACE Case No.: 51822 MA No. : SDG No.: MH2GT6

Matrix: SOIL Lab Sample ID: P4806-02

% Solids: 100 Date Received: 11/11/2024

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	1.5		11/18/2024	0735
7440-38-2	Arsenic	10		11/18/2024	0735
7440-39-3	Barium	390		11/18/2024	0735
7440-41-7	Beryllium	0.26	J	11/18/2024	0735
7440-43-9	Cadmium	4.5		11/18/2024	0735
7440-47-3	Chromium	32		11/18/2024	0735
7440-48-4	Cobalt	4.4		11/18/2024	0735
7440-50-8	Copper	120		11/18/2024	0735
7439-92-1	Lead	1400		11/18/2024	0735
7439-96-5	Manganese	400	*	11/18/2024	0735
7440-02-0	Nickel	11		11/18/2024	0735
7782-49-2	Selenium	0.63	J	11/18/2024	0735
7440-22-4	Silver	1.0		11/18/2024	0735
7440-28-0	Thallium	0.11	J	11/18/2024	0735
7440-62-2	Vanadium	6.4		11/18/2024	0735
7440-66-6	Zinc	980		11/18/2024	0735

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

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MH2GT8

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

Lab Code: ACE Case No.: 51822 MA No. : SDG No.: MH2GT6

Matrix: SOIL Lab Sample ID: P4806-03

% Solids: 100 Date Received: 11/11/2024

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	2.7		11/18/2024	0738
7440-38-2	Arsenic	5.1		11/18/2024	0738
7440-39-3	Barium	330		11/18/2024	0738
7440-41-7	Beryllium	0.39	J	11/18/2024	0738
7440-43-9	Cadmium	23		11/18/2024	0738
7440-47-3	Chromium	25		11/18/2024	0738
7440-48-4	Cobalt	4.3		11/18/2024	0738
7440-50-8	Copper	100		11/18/2024	0738
7439-92-1	Lead	180		11/18/2024	0738
7439-96-5	Manganese	390	*	11/18/2024	0738
7440-02-0	Nickel	19		11/18/2024	0738
7782-49-2	Selenium	0.56	J	11/18/2024	0738
7440-22-4	Silver	0.89		11/18/2024	0738
7440-28-0	Thallium	0.11	J	11/18/2024	0738
7440-62-2	Vanadium	11		11/18/2024	0738
7440-66-6	Zinc	1300		11/18/2024	0738

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

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MH2GT9

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

Lab Code: ACE Case No.: 51822 MA No. : SDG No.: MH2GT6

Matrix: SOIL Lab Sample ID: P4806-04

% Solids: 100 Date Received: 11/11/2024

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	2.3		11/18/2024	0741
7440-38-2	Arsenic	4.3		11/18/2024	0741
7440-39-3	Barium	110		11/18/2024	0741
7440-41-7	Beryllium	0.14	J	11/18/2024	0741
7440-43-9	Cadmium	5.5		11/18/2024	0741
7440-47-3	Chromium	9.3		11/18/2024	0741
7440-48-4	Cobalt	1.8		11/18/2024	0741
7440-50-8	Copper	2200		11/18/2024	0741
7439-92-1	Lead	490		11/18/2024	0741
7439-96-5	Manganese	130	*	11/18/2024	0741
7440-02-0	Nickel	13		11/18/2024	0741
7782-49-2	Selenium	2.1	J	11/18/2024	0741
7440-22-4	Silver	0.93		11/18/2024	0741
7440-28-0	Thallium	0.065	J	11/18/2024	0741
7440-62-2	Vanadium	13		11/18/2024	0741
7440-66-6	Zinc	1800		11/18/2024	0741

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

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MH2GW0

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

Lab Code: ACE Case No.: 51822 MA No. : SDG No.: MH2GT6

Matrix: SOIL Lab Sample ID: P4806-07

% Solids: 100 Date Received: 11/11/2024

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	0.94		11/18/2024	0752
7440-38-2	Arsenic	1.7		11/18/2024	0752
7440-39-3	Barium	120		11/18/2024	0752
7440-41-7	Beryllium	0.13	J	11/18/2024	0752
7440-43-9	Cadmium	0.77		11/18/2024	0752
7440-47-3	Chromium	24		11/18/2024	0752
7440-48-4	Cobalt	2.3		11/18/2024	0752
7440-50-8	Copper	110		11/18/2024	0752
7439-92-1	Lead	140		11/18/2024	0752
7439-96-5	Manganese	150	*	11/18/2024	0752
7440-02-0	Nickel	35		11/18/2024	0752
7782-49-2	Selenium	0.51	J	11/18/2024	0752
7440-22-4	Silver	0.21	J	11/18/2024	0752
7440-28-0	Thallium	0.045	J	11/18/2024	0752
7440-62-2	Vanadium	5.6		11/18/2024	0752
7440-66-6	Zinc	550		11/18/2024	0752

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

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MH2GW1

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

Lab Code: ACE Case No.: 51822 MA No. : SDG No.: MH2GT6

Matrix: SOIL Lab Sample ID: P4806-08

% Solids: 100 Date Received: 11/11/2024

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	0.89	J	11/18/2024	0755
7440-38-2	Arsenic	3.4		11/18/2024	0755
7440-39-3	Barium	170		11/18/2024	0755
7440-41-7	Beryllium	0.16	J	11/18/2024	0755
7440-43-9	Cadmium	1.1		11/18/2024	0755
7440-47-3	Chromium	17		11/18/2024	0755
7440-48-4	Cobalt	2.6		11/18/2024	0755
7440-50-8	Copper	56		11/18/2024	0755
7439-92-1	Lead	350		11/18/2024	0755
7439-96-5	Manganese	180	*	11/18/2024	0755
7440-02-0	Nickel	44		11/18/2024	0755
7782-49-2	Selenium	0.55	J	11/18/2024	0755
7440-22-4	Silver	0.40	J	11/18/2024	0755
7440-28-0	Thallium	0.045	J	11/18/2024	0755
7440-62-2	Vanadium	9.3		11/18/2024	0755
7440-66-6	Zinc	1100		11/18/2024	0755

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

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MH2GW2

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

Lab Code: ACE Case No.: 51822 MA No. : SDG No.: MH2GT6

Matrix: SOIL Lab Sample ID: P4806-09

% Solids: 100 Date Received: 11/11/2024

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	0.33	J	11/18/2024	0758
7440-38-2	Arsenic	0.41	J	11/18/2024	0758
7440-39-3	Barium	19		11/18/2024	0758
7440-41-7	Beryllium	0.10	J	11/18/2024	0758
7440-43-9	Cadmium	0.18	J	11/18/2024	0758
7440-47-3	Chromium	2.3		11/18/2024	0758
7440-48-4	Cobalt	1.5		11/18/2024	0758
7440-50-8	Copper	5.1		11/18/2024	0758
7439-92-1	Lead	11		11/18/2024	0758
7439-96-5	Manganese	160	*	11/18/2024	0758
7440-02-0	Nickel	3.4		11/18/2024	0758
7782-49-2	Selenium	0.38	J	11/18/2024	0758
7440-22-4	Silver	0.44	U	11/18/2024	0758
7440-28-0	Thallium	0.44	U	11/18/2024	0758
7440-62-2	Vanadium	3.1		11/18/2024	0758
7440-66-6	Zinc	42		11/18/2024	0758

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

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MH2GW3

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

Lab Code: ACE Case No.: 51822 MA No. : SDG No.: MH2GT6

Matrix: SOIL Lab Sample ID: P4806-10

% Solids: 100 Date Received: 11/11/2024

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	0.93		11/18/2024	0801
7440-38-2	Arsenic	0.97		11/18/2024	0801
7440-39-3	Barium	42		11/18/2024	0801
7440-41-7	Beryllium	0.056	J	11/18/2024	0801
7440-43-9	Cadmium	0.19	J	11/18/2024	0801
7440-47-3	Chromium	3.4		11/18/2024	0801
7440-48-4	Cobalt	0.79		11/18/2024	0801
7440-50-8	Copper	17		11/18/2024	0801
7439-92-1	Lead	37		11/18/2024	0801
7439-96-5	Manganese	39	*	11/18/2024	0801
7440-02-0	Nickel	5.1		11/18/2024	0801
7782-49-2	Selenium	2.0	U	11/18/2024	0801
7440-22-4	Silver	0.40	U	11/18/2024	0801
7440-28-0	Thallium	0.40	U	11/18/2024	0801
7440-62-2	Vanadium	2.3		11/18/2024	0801
7440-66-6	Zinc	100		11/18/2024	0801

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

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MH2GW4

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

Lab Code: ACE Case No.: 51822 MA No. : SDG No.: MH2GT6

Matrix: SOIL Lab Sample ID: P4806-11

% Solids: 100 Date Received: 11/11/2024

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	0.41	J	11/18/2024	0805
7440-38-2	Arsenic	0.67		11/18/2024	0805
7440-39-3	Barium	21		11/18/2024	0805
7440-41-7	Beryllium	0.092	J	11/18/2024	0805
7440-43-9	Cadmium	0.28	J	11/18/2024	0805
7440-47-3	Chromium	3.0		11/18/2024	0805
7440-48-4	Cobalt	1.5		11/18/2024	0805
7440-50-8	Copper	5.6		11/18/2024	0805
7439-92-1	Lead	14		11/18/2024	0805
7439-96-5	Manganese	130	*	11/18/2024	0805
7440-02-0	Nickel	7.0		11/18/2024	0805
7782-49-2	Selenium	0.34	J	11/18/2024	0805
7440-22-4	Silver	0.44	U	11/18/2024	0805
7440-28-0	Thallium	0.44	U	11/18/2024	0805
7440-62-2	Vanadium	3.3		11/18/2024	0805
7440-66-6	Zinc	120		11/18/2024	0805

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

Comments: