

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MJNBZ1

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

Lab Code: ACE Case No.: 51918 MA No. : 3157.0 SDG No.: MJNBZ1

Matrix: SOIL Lab Sample ID: P5250-01

% Solids: 89.4 Date Received: 12/11/2024

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	0.082	J	12/27/2024	1712
7440-38-2	Arsenic	4.5		12/27/2024	1712
7440-39-3	Barium	110		12/27/2024	1712
7440-41-7	Beryllium	0.51		12/27/2024	1712
7440-43-9	Cadmium	0.16	J	12/27/2024	1712
7440-47-3	Chromium	19		12/27/2024	1712
7440-48-4	Cobalt	16		12/27/2024	1712
7440-50-8	Copper	39		12/27/2024	1712
7439-92-1	Lead	8.6		12/27/2024	1712
7439-96-5	Manganese	450		12/27/2024	1712
7440-02-0	Nickel	26		12/27/2024	1712
7782-49-2	Selenium	0.35	J	12/27/2024	1712
7439-98-7	Molybdenum	0.35	J	12/27/2024	1712
7440-22-4	Silver	0.077	J	12/27/2024	1712
7440-28-0	Thallium	0.13	J	12/27/2024	1712
7440-62-2	Vanadium	79		12/27/2024	1712
7440-66-6	Zinc	66		12/27/2024	1712

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

Comments:

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MJNBZ2

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

Lab Code: ACE Case No.: 51918 MA No. : 3157.0 SDG No.: MJNBZ1

Matrix: SOIL Lab Sample ID: P5250-06

% Solids: 90.6 Date Received: 12/14/2024

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	0.11	J	01/03/2025	2048
7440-38-2	Arsenic	4.6		01/03/2025	2048
7440-39-3	Barium	82		01/03/2025	2048
7440-41-7	Beryllium	0.39	J	01/03/2025	2048
7440-43-9	Cadmium	0.14	J	01/03/2025	2048
7440-47-3	Chromium	11		01/03/2025	2048
7440-48-4	Cobalt	14		01/03/2025	2048
7440-50-8	Copper	32		01/03/2025	2048
7439-92-1	Lead	21		01/03/2025	2048
7439-96-5	Manganese	490		01/03/2025	2048
7440-02-0	Nickel	23		01/03/2025	2048
7782-49-2	Selenium	0.30	J	01/03/2025	2048
7439-98-7	Molybdenum	0.36	J	01/03/2025	2048
7440-22-4	Silver	0.096	J	01/03/2025	2048
7440-28-0	Thallium	0.15	J	01/03/2025	2048
7440-62-2	Vanadium	59		01/03/2025	2048
7440-66-6	Zinc	63		01/03/2025	2048

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

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MJNBZ3

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

Lab Code: ACE Case No.: 51918 MA No. : 3157.0 SDG No.: MJNBZ1

Matrix: SOIL Lab Sample ID: P5250-02

% Solids: 79.5 Date Received: 12/11/2024

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	0.048	J	12/27/2024	1716
7440-38-2	Arsenic	3.3		12/27/2024	1716
7440-39-3	Barium	100		12/27/2024	1716
7440-41-7	Beryllium	0.59		12/27/2024	1716
7440-43-9	Cadmium	0.21	J	12/27/2024	1716
7440-47-3	Chromium	26		12/27/2024	1716
7440-48-4	Cobalt	17		12/27/2024	1716
7440-50-8	Copper	49		12/27/2024	1716
7439-92-1	Lead	12		12/27/2024	1716
7439-96-5	Manganese	530		12/27/2024	1716
7440-02-0	Nickel	27		12/27/2024	1716
7782-49-2	Selenium	0.30	J	12/27/2024	1716
7439-98-7	Molybdenum	0.26	J	12/27/2024	1716
7440-22-4	Silver	0.057	J	12/27/2024	1716
7440-28-0	Thallium	0.081	J	12/27/2024	1716
7440-62-2	Vanadium	73		12/27/2024	1716
7440-66-6	Zinc	120		12/27/2024	1716

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

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MJNBZ4

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

Lab Code: ACE Case No.: 51918 MA No. : 3157.0 SDG No.: MJNBZ1

Matrix: SOIL Lab Sample ID: P5250-03

% Solids: 75.7 Date Received: 12/11/2024

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	0.075	J	12/27/2024	1723
7440-38-2	Arsenic	3.6		12/27/2024	1723
7440-39-3	Barium	130		12/27/2024	1723
7440-41-7	Beryllium	0.56	J	12/27/2024	1723
7440-43-9	Cadmium	0.40	J	12/27/2024	1723
7440-47-3	Chromium	21		12/27/2024	1723
7440-48-4	Cobalt	14		12/27/2024	1723
7440-50-8	Copper	34		12/27/2024	1723
7439-92-1	Lead	26		12/27/2024	1723
7439-96-5	Manganese	490		12/27/2024	1723
7440-02-0	Nickel	22		12/27/2024	1723
7782-49-2	Selenium	2.9	U	12/27/2024	1723
7439-98-7	Molybdenum	0.30	J	12/27/2024	1723
7440-22-4	Silver	0.063	J	12/27/2024	1723
7440-28-0	Thallium	0.086	J	12/27/2024	1723
7440-62-2	Vanadium	70		12/27/2024	1723
7440-66-6	Zinc	190		12/27/2024	1723

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

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MJNBZ7

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

Lab Code: ACE Case No.: 51918 MA No. : 3157.0 SDG No.: MJNBZ1

Matrix: SOIL Lab Sample ID: P5250-04

% Solids: 66.4 Date Received: 12/14/2024

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	0.062	J	12/27/2024	1726
7440-38-2	Arsenic	4.7		12/27/2024	1726
7440-39-3	Barium	150		12/27/2024	1726
7440-41-7	Beryllium	0.58		12/27/2024	1726
7440-43-9	Cadmium	0.18	J	12/27/2024	1726
7440-47-3	Chromium	26		12/27/2024	1726
7440-48-4	Cobalt	18		12/27/2024	1726
7440-50-8	Copper	54		12/27/2024	1726
7439-92-1	Lead	20		12/27/2024	1726
7439-96-5	Manganese	880		12/27/2024	1726
7440-02-0	Nickel	23		12/27/2024	1726
7782-49-2	Selenium	2.8	U	12/27/2024	1726
7439-98-7	Molybdenum	0.26	J	12/27/2024	1726
7440-22-4	Silver	0.079	J	12/27/2024	1726
7440-28-0	Thallium	0.14	J	12/27/2024	1726
7440-62-2	Vanadium	87		12/27/2024	1726
7440-66-6	Zinc	81		12/27/2024	1726

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

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MJNBZ8

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

Lab Code: ACE Case No.: 51918 MA No. : 3157.0 SDG No.: MJNBZ1

Matrix: SOIL Lab Sample ID: P5250-05

% Solids: 81.9 Date Received: 12/14/2024

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	0.074	J	12/27/2024	1729
7440-38-2	Arsenic	3.4		12/27/2024	1729
7440-39-3	Barium	110		12/27/2024	1729
7440-41-7	Beryllium	0.41	J	12/27/2024	1729
7440-43-9	Cadmium	0.31	J	12/27/2024	1729
7440-47-3	Chromium	16		12/27/2024	1729
7440-48-4	Cobalt	13		12/27/2024	1729
7440-50-8	Copper	25		12/27/2024	1729
7439-92-1	Lead	20		12/27/2024	1729
7439-96-5	Manganese	370		12/27/2024	1729
7440-02-0	Nickel	19		12/27/2024	1729
7782-49-2	Selenium	2.7	U	12/27/2024	1729
7439-98-7	Molybdenum	0.37	J	12/27/2024	1729
7440-22-4	Silver	0.053	J	12/27/2024	1729
7440-28-0	Thallium	0.10	J	12/27/2024	1729
7440-62-2	Vanadium	84		12/27/2024	1729
7440-66-6	Zinc	130		12/27/2024	1729

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

Comments: