

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHH78

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHH78

Matrix: SOIL Lab Sample ID: P4880-01

% Solids: 77.4 Date Received: 11/15/2024

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	9100		11/20/2024	1535
7440-36-0	Antimony	0.77	J	11/20/2024	1535
7440-38-2	Arsenic	5.2		11/20/2024	1535
7440-39-3	Barium	77		11/20/2024	1535
7440-41-7	Beryllium	0.50	J	11/20/2024	1535
7440-43-9	Cadmium	1.0		11/20/2024	1535
7440-70-2	Calcium	32000		11/20/2024	1535
7440-47-3	Chromium	17		11/20/2024	1535
7440-48-4	Cobalt	8.0	*	11/20/2024	1535
7440-50-8	Copper	21		11/20/2024	1535
7439-89-6	Iron	19000		11/20/2024	1535
7439-92-1	Lead	53		11/20/2024	1535
7439-95-4	Magnesium	7200		11/20/2024	1535
7439-96-5	Manganese	470		11/20/2024	1535
7440-02-0	Nickel	21		11/20/2024	1535
7440-09-7	Potassium	680		11/20/2024	1535
7782-49-2	Selenium	3.7	U*	11/20/2024	1535
7440-22-4	Silver	1.1	U*	11/20/2024	1535
7440-23-5	Sodium	210	J	11/20/2024	1535
7440-28-0	Thallium	2.7	U	11/20/2024	1535
7440-62-2	Vanadium	21		11/20/2024	1535
7440-66-6	Zinc	88		11/20/2024	1535

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

Comments:

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MBHH79

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHH78

Matrix: SOIL Lab Sample ID: P4880-02

% Solids: 89.2 Date Received: 11/15/2024

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	3600		11/20/2024	1540
7440-36-0	Antimony	5.1	U	11/20/2024	1540
7440-38-2	Arsenic	2.8		11/20/2024	1540
7440-39-3	Barium	37		11/20/2024	1540
7440-41-7	Beryllium	0.18	J	11/20/2024	1540
7440-43-9	Cadmium	0.37	J	11/20/2024	1540
7440-70-2	Calcium	25000		11/20/2024	1540
7440-47-3	Chromium	6.9		11/20/2024	1540
7440-48-4	Cobalt	3.1	J*	11/20/2024	1540
7440-50-8	Copper	10		11/20/2024	1540
7439-89-6	Iron	8200		11/20/2024	1540
7439-92-1	Lead	25		11/20/2024	1540
7439-95-4	Magnesium	3400		11/20/2024	1540
7439-96-5	Manganese	280		11/20/2024	1540
7440-02-0	Nickel	7.6		11/20/2024	1540
7440-09-7	Potassium	170	J	11/20/2024	1540
7782-49-2	Selenium	3.0	U*	11/20/2024	1540
7440-22-4	Silver	0.84	U*	11/20/2024	1540
7440-23-5	Sodium	270	J	11/20/2024	1540
7440-28-0	Thallium	2.1	U	11/20/2024	1540
7440-62-2	Vanadium	10		11/20/2024	1540
7440-66-6	Zinc	41		11/20/2024	1540

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

Comments:

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MBHH80

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHH78

Matrix: SOIL Lab Sample ID: P4880-03

% Solids: 79.8 Date Received: 11/15/2024

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	4600		11/20/2024	1544
7440-36-0	Antimony	1.0	J	11/20/2024	1544
7440-38-2	Arsenic	8.7		11/20/2024	1544
7440-39-3	Barium	210		11/20/2024	1544
7440-41-7	Beryllium	0.31	J	11/20/2024	1544
7440-43-9	Cadmium	1.5		11/20/2024	1544
7440-70-2	Calcium	29000		11/20/2024	1544
7440-47-3	Chromium	11		11/20/2024	1544
7440-48-4	Cobalt	5.1	*	11/20/2024	1544
7440-50-8	Copper	39		11/20/2024	1544
7439-89-6	Iron	12000		11/20/2024	1544
7439-92-1	Lead	400		11/20/2024	1544
7439-95-4	Magnesium	5500		11/20/2024	1544
7439-96-5	Manganese	600		11/20/2024	1544
7440-02-0	Nickel	13		11/20/2024	1544
7440-09-7	Potassium	250	J	11/20/2024	1544
7782-49-2	Selenium	3.4	U*	11/20/2024	1544
7440-22-4	Silver	0.97	U*	11/20/2024	1544
7440-23-5	Sodium	370	J	11/20/2024	1544
7440-28-0	Thallium	2.4	U	11/20/2024	1544
7440-62-2	Vanadium	12		11/20/2024	1544
7440-66-6	Zinc	180		11/20/2024	1544

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

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MBHH81

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHH78

Matrix: SOIL Lab Sample ID: P4880-04

% Solids: 80.9 Date Received: 11/15/2024

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	5000		11/20/2024	1548
7440-36-0	Antimony	1.0	J	11/20/2024	1548
7440-38-2	Arsenic	9.0		11/20/2024	1548
7440-39-3	Barium	170		11/20/2024	1548
7440-41-7	Beryllium	0.29	J	11/20/2024	1548
7440-43-9	Cadmium	1.1		11/20/2024	1548
7440-70-2	Calcium	29000		11/20/2024	1548
7440-47-3	Chromium	12		11/20/2024	1548
7440-48-4	Cobalt	8.6	*	11/20/2024	1548
7440-50-8	Copper	60		11/20/2024	1548
7439-89-6	Iron	17000		11/20/2024	1548
7439-92-1	Lead	380		11/20/2024	1548
7439-95-4	Magnesium	5400		11/20/2024	1548
7439-96-5	Manganese	670		11/20/2024	1548
7440-02-0	Nickel	15		11/20/2024	1548
7440-09-7	Potassium	360	J	11/20/2024	1548
7782-49-2	Selenium	3.1	U*	11/20/2024	1548
7440-22-4	Silver	0.90	U*	11/20/2024	1548
7440-23-5	Sodium	380	J	11/20/2024	1548
7440-28-0	Thallium	2.2	U	11/20/2024	1548
7440-62-2	Vanadium	14		11/20/2024	1548
7440-66-6	Zinc	140		11/20/2024	1548

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

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MBHH82

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHH78

Matrix: SOIL Lab Sample ID: P4880-05

% Solids: 74.9 Date Received: 11/15/2024

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	5600		11/20/2024	1553
7440-36-0	Antimony	0.99	J	11/20/2024	1553
7440-38-2	Arsenic	11		11/20/2024	1553
7440-39-3	Barium	210		11/20/2024	1553
7440-41-7	Beryllium	0.35	J	11/20/2024	1553
7440-43-9	Cadmium	1.0		11/20/2024	1553
7440-70-2	Calcium	48000		11/20/2024	1553
7440-47-3	Chromium	13		11/20/2024	1553
7440-48-4	Cobalt	6.3	*	11/20/2024	1553
7440-50-8	Copper	150		11/20/2024	1553
7439-89-6	Iron	12000		11/20/2024	1553
7439-92-1	Lead	360		11/20/2024	1553
7439-95-4	Magnesium	7100		11/20/2024	1553
7439-96-5	Manganese	1100		11/20/2024	1553
7440-02-0	Nickel	14		11/20/2024	1553
7440-09-7	Potassium	460	J	11/20/2024	1553
7782-49-2	Selenium	3.3	U*	11/20/2024	1553
7440-22-4	Silver	0.93	U*	11/20/2024	1553
7440-23-5	Sodium	450	J	11/20/2024	1553
7440-28-0	Thallium	2.3	U	11/20/2024	1553
7440-62-2	Vanadium	15		11/20/2024	1553
7440-66-6	Zinc	150		11/20/2024	1553

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

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MBHH83

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHH78

Matrix: SOIL Lab Sample ID: P4880-06

% Solids: 85.8 Date Received: 11/15/2024

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	6000		11/20/2024	1557
7440-36-0	Antimony	6.0	U	11/20/2024	1557
7440-38-2	Arsenic	12		11/20/2024	1557
7440-39-3	Barium	140		11/20/2024	1557
7440-41-7	Beryllium	0.28	J	11/20/2024	1557
7440-43-9	Cadmium	0.79		11/20/2024	1557
7440-70-2	Calcium	2800		11/20/2024	1557
7440-47-3	Chromium	11		11/20/2024	1557
7440-48-4	Cobalt	5.9	*	11/20/2024	1557
7440-50-8	Copper	27		11/20/2024	1557
7439-89-6	Iron	13000		11/20/2024	1557
7439-92-1	Lead	110		11/20/2024	1557
7439-95-4	Magnesium	2400		11/20/2024	1557
7439-96-5	Manganese	850		11/20/2024	1557
7440-02-0	Nickel	12		11/20/2024	1557
7440-09-7	Potassium	290	J	11/20/2024	1557
7782-49-2	Selenium	1.4	J*	11/20/2024	1557
7440-22-4	Silver	1.0	U*	11/20/2024	1557
7440-23-5	Sodium	140	J	11/20/2024	1557
7440-28-0	Thallium	2.5	U	11/20/2024	1557
7440-62-2	Vanadium	14		11/20/2024	1557
7440-66-6	Zinc	140		11/20/2024	1557

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

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MBHH84

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHH78

Matrix: SOIL Lab Sample ID: P4880-07

% Solids: 89.1 Date Received: 11/15/2024

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	5400		11/20/2024	1602
7440-36-0	Antimony	0.39	J	11/20/2024	1602
7440-38-2	Arsenic	12		11/20/2024	1602
7440-39-3	Barium	250		11/20/2024	1602
7440-41-7	Beryllium	0.25	J	11/20/2024	1602
7440-43-9	Cadmium	0.91		11/20/2024	1602
7440-70-2	Calcium	9600		11/20/2024	1602
7440-47-3	Chromium	11		11/20/2024	1602
7440-48-4	Cobalt	5.3	*	11/20/2024	1602
7440-50-8	Copper	43		11/20/2024	1602
7439-89-6	Iron	14000		11/20/2024	1602
7439-92-1	Lead	210		11/20/2024	1602
7439-95-4	Magnesium	4400		11/20/2024	1602
7439-96-5	Manganese	740		11/20/2024	1602
7440-02-0	Nickel	11		11/20/2024	1602
7440-09-7	Potassium	280	J	11/20/2024	1602
7782-49-2	Selenium	3.1	U*	11/20/2024	1602
7440-22-4	Silver	0.89	U*	11/20/2024	1602
7440-23-5	Sodium	140	J	11/20/2024	1602
7440-28-0	Thallium	2.2	U	11/20/2024	1602
7440-62-2	Vanadium	14		11/20/2024	1602
7440-66-6	Zinc	210		11/20/2024	1602

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

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MBHH85

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHH78

Matrix: SOIL Lab Sample ID: P4880-08

% Solids: 80.1 Date Received: 11/15/2024

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	6500		11/20/2024	1606
7440-36-0	Antimony	0.63	J	11/20/2024	1606
7440-38-2	Arsenic	9.7		11/20/2024	1606
7440-39-3	Barium	1000		11/20/2024	1606
7440-41-7	Beryllium	0.38	J	11/20/2024	1606
7440-43-9	Cadmium	1.7		11/20/2024	1606
7440-70-2	Calcium	19000		11/20/2024	1606
7440-47-3	Chromium	15		11/20/2024	1606
7440-48-4	Cobalt	6.5	*	11/20/2024	1606
7440-50-8	Copper	65		11/20/2024	1606
7439-89-6	Iron	14000		11/20/2024	1606
7439-92-1	Lead	940		11/20/2024	1606
7439-95-4	Magnesium	4900		11/20/2024	1606
7439-96-5	Manganese	630		11/20/2024	1606
7440-02-0	Nickel	20		11/20/2024	1606
7440-09-7	Potassium	410	J	11/20/2024	1606
7782-49-2	Selenium	3.4	U*	11/20/2024	1606
7440-22-4	Silver	0.98	U*	11/20/2024	1606
7440-23-5	Sodium	190	J	11/20/2024	1606
7440-28-0	Thallium	2.4	U	11/20/2024	1606
7440-62-2	Vanadium	17		11/20/2024	1606
7440-66-6	Zinc	670		11/20/2024	1606

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

Comments:

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MBHH86

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHH78

Matrix: SOIL Lab Sample ID: P4880-09

% Solids: 76.2 Date Received: 11/15/2024

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	6300		11/20/2024	1610
7440-36-0	Antimony	1.4	J	11/20/2024	1610
7440-38-2	Arsenic	16		11/20/2024	1610
7440-39-3	Barium	2100		11/20/2024	1610
7440-41-7	Beryllium	0.41	J	11/20/2024	1610
7440-43-9	Cadmium	2.8		11/20/2024	1610
7440-70-2	Calcium	38000		11/20/2024	1610
7440-47-3	Chromium	19		11/20/2024	1610
7440-48-4	Cobalt	7.6	*	11/20/2024	1610
7440-50-8	Copper	110		11/20/2024	1610
7439-89-6	Iron	16000		11/20/2024	1610
7439-92-1	Lead	1500		11/20/2024	1610
7439-95-4	Magnesium	5900		11/20/2024	1610
7439-96-5	Manganese	870		11/20/2024	1610
7440-02-0	Nickel	25		11/20/2024	1610
7440-09-7	Potassium	670		11/20/2024	1610
7782-49-2	Selenium	4.2	U*	11/20/2024	1610
7440-22-4	Silver	1.2	U*	11/20/2024	1610
7440-23-5	Sodium	260	J	11/20/2024	1610
7440-28-0	Thallium	3.0	U	11/20/2024	1610
7440-62-2	Vanadium	17		11/20/2024	1610
7440-66-6	Zinc	1400		11/20/2024	1610

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

Comments:

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MBHH87

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHH78

Matrix: SOIL Lab Sample ID: P4880-10

% Solids: 77.7 Date Received: 11/15/2024

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	5700		11/20/2024	1615
7440-36-0	Antimony	0.48	J	11/20/2024	1615
7440-38-2	Arsenic	14		11/20/2024	1615
7440-39-3	Barium	860		11/20/2024	1615
7440-41-7	Beryllium	0.36	J	11/20/2024	1615
7440-43-9	Cadmium	1.9		11/20/2024	1615
7440-70-2	Calcium	25000		11/20/2024	1615
7440-47-3	Chromium	16		11/20/2024	1615
7440-48-4	Cobalt	6.6	*	11/20/2024	1615
7440-50-8	Copper	76		11/20/2024	1615
7439-89-6	Iron	14000		11/20/2024	1615
7439-92-1	Lead	990		11/20/2024	1615
7439-95-4	Magnesium	4500		11/20/2024	1615
7439-96-5	Manganese	760		11/20/2024	1615
7440-02-0	Nickel	19		11/20/2024	1615
7440-09-7	Potassium	440	J	11/20/2024	1615
7782-49-2	Selenium	3.6	U*	11/20/2024	1615
7440-22-4	Silver	1.0	U*	11/20/2024	1615
7440-23-5	Sodium	220	J	11/20/2024	1615
7440-28-0	Thallium	2.6	U	11/20/2024	1615
7440-62-2	Vanadium	16		11/20/2024	1615
7440-66-6	Zinc	740		11/20/2024	1615

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

Comments:

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MBHH88

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHH78

Matrix: SOIL Lab Sample ID: P4880-11

% Solids: 76.5 Date Received: 11/15/2024

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	5600		11/20/2024	1628
7440-36-0	Antimony	1.2	J	11/20/2024	1628
7440-38-2	Arsenic	11		11/20/2024	1628
7440-39-3	Barium	76		11/20/2024	1628
7440-41-7	Beryllium	0.29	J	11/20/2024	1628
7440-43-9	Cadmium	1.9		11/20/2024	1628
7440-70-2	Calcium	25000		11/20/2024	1628
7440-47-3	Chromium	15		11/20/2024	1628
7440-48-4	Cobalt	5.5	*	11/20/2024	1628
7440-50-8	Copper	29		11/20/2024	1628
7439-89-6	Iron	17000		11/20/2024	1628
7439-92-1	Lead	120		11/20/2024	1628
7439-95-4	Magnesium	6500		11/20/2024	1628
7439-96-5	Manganese	410		11/20/2024	1628
7440-02-0	Nickel	17		11/20/2024	1628
7440-09-7	Potassium	320	J	11/20/2024	1628
7782-49-2	Selenium	3.1	U*	11/20/2024	1628
7440-22-4	Silver	0.89	U*	11/20/2024	1628
7440-23-5	Sodium	240	J	11/20/2024	1628
7440-28-0	Thallium	2.2	U	11/20/2024	1628
7440-62-2	Vanadium	15		11/20/2024	1628
7440-66-6	Zinc	220		11/20/2024	1628

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHH89

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHH78
 Matrix: SOIL Lab Sample ID: P4880-12
 % Solids: 87.8 Date Received: 11/15/2024
 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	2900		11/20/2024	1633
7440-36-0	Antimony	0.77	J	11/20/2024	1633
7440-38-2	Arsenic	6.2		11/20/2024	1633
7440-39-3	Barium	99		11/20/2024	1633
7440-41-7	Beryllium	0.19	J	11/20/2024	1633
7440-43-9	Cadmium	1.2		11/20/2024	1633
7440-70-2	Calcium	93000	D	12/10/2024	2243
7440-47-3	Chromium	9.6		11/20/2024	1633
7440-48-4	Cobalt	3.2	J*	11/20/2024	1633
7440-50-8	Copper	26		11/20/2024	1633
7439-89-6	Iron	8400		11/20/2024	1633
7439-92-1	Lead	260		11/20/2024	1633
7439-95-4	Magnesium	44000		11/20/2024	1633
7439-96-5	Manganese	570		11/20/2024	1633
7440-02-0	Nickel	13		11/20/2024	1633
7440-09-7	Potassium	220	J	11/20/2024	1633
7782-49-2	Selenium	3.4	U*	11/20/2024	1633
7440-22-4	Silver	0.77	J*	11/20/2024	1633
7440-23-5	Sodium	200	J	11/20/2024	1633
7440-28-0	Thallium	2.4	U	11/20/2024	1633
7440-62-2	Vanadium	9.3		11/20/2024	1633
7440-66-6	Zinc	250		11/20/2024	1633

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHH90

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHH78

Matrix: SOIL Lab Sample ID: P4880-13

% Solids: 77.8 Date Received: 11/15/2024

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	5600		11/20/2024	1637
7440-36-0	Antimony	4.2	J	11/20/2024	1637
7440-38-2	Arsenic	14		11/20/2024	1637
7440-39-3	Barium	390		11/20/2024	1637
7440-41-7	Beryllium	0.39	J	11/20/2024	1637
7440-43-9	Cadmium	1.6		11/20/2024	1637
7440-70-2	Calcium	33000		11/20/2024	1637
7440-47-3	Chromium	22		11/20/2024	1637
7440-48-4	Cobalt	5.9	*	11/20/2024	1637
7440-50-8	Copper	120		11/20/2024	1637
7439-89-6	Iron	13000		11/20/2024	1637
7439-92-1	Lead	620		11/20/2024	1637
7439-95-4	Magnesium	12000		11/20/2024	1637
7439-96-5	Manganese	650		11/20/2024	1637
7440-02-0	Nickel	18		11/20/2024	1637
7440-09-7	Potassium	270	J	11/20/2024	1637
7782-49-2	Selenium	3.9	U*	11/20/2024	1637
7440-22-4	Silver	1.1	U*	11/20/2024	1637
7440-23-5	Sodium	220	J	11/20/2024	1637
7440-28-0	Thallium	2.8	U	11/20/2024	1637
7440-62-2	Vanadium	17		11/20/2024	1637
7440-66-6	Zinc	420		11/20/2024	1637

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHH91

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHH78

Matrix: SOIL Lab Sample ID: P4880-14

% Solids: 81 Date Received: 11/15/2024

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	4800		12/10/2024	2227
7440-36-0	Antimony	5.6	U	12/10/2024	2227
7440-38-2	Arsenic	7.1		12/10/2024	2227
7440-39-3	Barium	230		12/10/2024	2227
7440-41-7	Beryllium	0.47		12/10/2024	2227
7440-43-9	Cadmium	0.66		12/10/2024	2227
7440-70-2	Calcium	22000		12/10/2024	2227
7440-47-3	Chromium	11		12/10/2024	2227
7440-48-4	Cobalt	8.6	*	12/10/2024	2227
7440-50-8	Copper	46		12/10/2024	2227
7439-89-6	Iron	12000		12/10/2024	2227
7439-92-1	Lead	480		12/10/2024	2227
7439-95-4	Magnesium	7600		12/10/2024	2227
7439-96-5	Manganese	480		12/10/2024	2227
7440-02-0	Nickel	13		12/10/2024	2227
7440-09-7	Potassium	360	J	12/10/2024	2227
7782-49-2	Selenium	3.3	U*	12/10/2024	2227
7440-22-4	Silver	0.93	U*	12/10/2024	2227
7440-23-5	Sodium	460	U	12/10/2024	2227
7440-28-0	Thallium	2.3	U	12/10/2024	2227
7440-62-2	Vanadium	14		12/10/2024	2227
7440-66-6	Zinc	210		12/10/2024	2227

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHH92

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHH78

Matrix: SOIL Lab Sample ID: P4880-17

% Solids: 77.4 Date Received: 11/15/2024

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	6300		11/20/2024	1659
7440-36-0	Antimony	0.89	J	11/20/2024	1659
7440-38-2	Arsenic	9.2		11/20/2024	1659
7440-39-3	Barium	200		11/20/2024	1659
7440-41-7	Beryllium	0.45	J	11/20/2024	1659
7440-43-9	Cadmium	1.2		11/20/2024	1659
7440-70-2	Calcium	25000		11/20/2024	1659
7440-47-3	Chromium	16		11/20/2024	1659
7440-48-4	Cobalt	7.4	*	11/20/2024	1659
7440-50-8	Copper	50		11/20/2024	1659
7439-89-6	Iron	13000		11/20/2024	1659
7439-92-1	Lead	380		11/20/2024	1659
7439-95-4	Magnesium	7300		11/20/2024	1659
7439-96-5	Manganese	750		11/20/2024	1659
7440-02-0	Nickel	17		11/20/2024	1659
7440-09-7	Potassium	430	J	11/20/2024	1659
7782-49-2	Selenium	3.8	U*	11/20/2024	1659
7440-22-4	Silver	1.1	U*	11/20/2024	1659
7440-23-5	Sodium	190	J	11/20/2024	1659
7440-28-0	Thallium	2.7	U	11/20/2024	1659
7440-62-2	Vanadium	18		11/20/2024	1659
7440-66-6	Zinc	210		11/20/2024	1659

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHH93

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHH78

Matrix: SOIL Lab Sample ID: P4880-18

% Solids: 75.5 Date Received: 11/15/2024

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	6900		11/20/2024	1703
7440-36-0	Antimony	0.83	J	11/20/2024	1703
7440-38-2	Arsenic	15		11/20/2024	1703
7440-39-3	Barium	160		11/20/2024	1703
7440-41-7	Beryllium	0.43	J	11/20/2024	1703
7440-43-9	Cadmium	1.3		11/20/2024	1703
7440-70-2	Calcium	13000		11/20/2024	1703
7440-47-3	Chromium	18		11/20/2024	1703
7440-48-4	Cobalt	11	*	11/20/2024	1703
7440-50-8	Copper	36		11/20/2024	1703
7439-89-6	Iron	15000		11/20/2024	1703
7439-92-1	Lead	210		11/20/2024	1703
7439-95-4	Magnesium	4000		11/20/2024	1703
7439-96-5	Manganese	920		11/20/2024	1703
7440-02-0	Nickel	19		11/20/2024	1703
7440-09-7	Potassium	530		11/20/2024	1703
7782-49-2	Selenium	3.5	U*	11/20/2024	1703
7440-22-4	Silver	1.0	U*	11/20/2024	1703
7440-23-5	Sodium	180	J	11/20/2024	1703
7440-28-0	Thallium	2.5	U	11/20/2024	1703
7440-62-2	Vanadium	18		11/20/2024	1703
7440-66-6	Zinc	140		11/20/2024	1703

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHH94

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHH78

Matrix: SOIL Lab Sample ID: P4880-19

% Solids: 86.4 Date Received: 11/15/2024

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	6300		11/20/2024	1708
7440-36-0	Antimony	0.52	J	11/20/2024	1708
7440-38-2	Arsenic	5.8		11/20/2024	1708
7440-39-3	Barium	68		11/20/2024	1708
7440-41-7	Beryllium	0.33	J	11/20/2024	1708
7440-43-9	Cadmium	0.78		11/20/2024	1708
7440-70-2	Calcium	24000		11/20/2024	1708
7440-47-3	Chromium	12		11/20/2024	1708
7440-48-4	Cobalt	7.0	*	11/20/2024	1708
7440-50-8	Copper	17		11/20/2024	1708
7439-89-6	Iron	15000		11/20/2024	1708
7439-92-1	Lead	71		11/20/2024	1708
7439-95-4	Magnesium	5900		11/20/2024	1708
7439-96-5	Manganese	450		11/20/2024	1708
7440-02-0	Nickel	15		11/20/2024	1708
7440-09-7	Potassium	550		11/20/2024	1708
7782-49-2	Selenium	3.6	U*	11/20/2024	1708
7440-22-4	Silver	1.0	U*	11/20/2024	1708
7440-23-5	Sodium	150	J	11/20/2024	1708
7440-28-0	Thallium	2.6	U	11/20/2024	1708
7440-62-2	Vanadium	16		11/20/2024	1708
7440-66-6	Zinc	69		11/20/2024	1708

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHH95

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHH78

Matrix: SOIL Lab Sample ID: P4880-20

% Solids: 70.1 Date Received: 11/15/2024

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	6500		11/20/2024	1712
7440-36-0	Antimony	1.2	J	11/20/2024	1712
7440-38-2	Arsenic	20		11/20/2024	1712
7440-39-3	Barium	320		11/20/2024	1712
7440-41-7	Beryllium	0.60		11/20/2024	1712
7440-43-9	Cadmium	1.6		11/20/2024	1712
7440-70-2	Calcium	24000		11/20/2024	1712
7440-47-3	Chromium	16		11/20/2024	1712
7440-48-4	Cobalt	8.1	*	11/20/2024	1712
7440-50-8	Copper	100		11/20/2024	1712
7439-89-6	Iron	16000		11/20/2024	1712
7439-92-1	Lead	800		11/20/2024	1712
7439-95-4	Magnesium	4300		11/20/2024	1712
7439-96-5	Manganese	600		11/20/2024	1712
7440-02-0	Nickel	17		11/20/2024	1712
7440-09-7	Potassium	590		11/20/2024	1712
7782-49-2	Selenium	0.95	J*	11/20/2024	1712
7440-22-4	Silver	1.2	U*	11/20/2024	1712
7440-23-5	Sodium	310	J	11/20/2024	1712
7440-28-0	Thallium	2.9	U	11/20/2024	1712
7440-62-2	Vanadium	26		11/20/2024	1712
7440-66-6	Zinc	470		11/20/2024	1712

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHH96

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHH78

Matrix: SOIL Lab Sample ID: P4880-21

% Solids: 48.3 Date Received: 11/15/2024

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	7000		11/20/2024	1717
7440-36-0	Antimony	9.6	U	11/20/2024	1717
7440-38-2	Arsenic	49		11/20/2024	1717
7440-39-3	Barium	540		11/20/2024	1717
7440-41-7	Beryllium	0.52	J	11/20/2024	1717
7440-43-9	Cadmium	5.7		11/20/2024	1717
7440-70-2	Calcium	40000		11/20/2024	1717
7440-47-3	Chromium	20		11/20/2024	1717
7440-48-4	Cobalt	7.0	J*	11/20/2024	1717
7440-50-8	Copper	250		11/20/2024	1717
7439-89-6	Iron	34000		11/20/2024	1717
7439-92-1	Lead	910		11/20/2024	1717
7439-95-4	Magnesium	4600		11/20/2024	1717
7439-96-5	Manganese	910		11/20/2024	1717
7440-02-0	Nickel	23		11/20/2024	1717
7440-09-7	Potassium	540	J	11/20/2024	1717
7782-49-2	Selenium	2.2	J*	11/20/2024	1717
7440-22-4	Silver	4.3	*	11/20/2024	1717
7440-23-5	Sodium	550	J	11/20/2024	1717
7440-28-0	Thallium	4.0	U	11/20/2024	1717
7440-62-2	Vanadium	28		11/20/2024	1717
7440-66-6	Zinc	1500		11/20/2024	1717

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

Comments:

