

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMF4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMF4

Matrix: SOIL Lab Sample ID: P5130-01

% Solids: 72.5 Date Received: 12/05/2024

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	6200		12/29/2024	2021
7440-36-0	Antimony	1.7	J*	12/29/2024	2021
7440-38-2	Arsenic	12	*	12/29/2024	2021
7440-39-3	Barium	310		12/29/2024	2021
7440-41-7	Beryllium	1.1		12/29/2024	2021
7440-43-9	Cadmium	1.5		12/29/2024	2021
7440-70-2	Calcium	7000		12/29/2024	2021
7440-47-3	Chromium	31		12/29/2024	2021
7440-48-4	Cobalt	5.5	*	12/29/2024	2021
7440-50-8	Copper	53	*	12/29/2024	2021
7439-89-6	Iron	15000		12/29/2024	2021
7439-92-1	Lead	830		12/29/2024	2021
7439-95-4	Magnesium	3100		12/29/2024	2021
7439-96-5	Manganese	830		12/29/2024	2021
7440-02-0	Nickel	22		12/29/2024	2021
7440-09-7	Potassium	440	J	12/29/2024	2021
7782-49-2	Selenium	7.1	*	12/29/2024	2021
7440-22-4	Silver	0.96	U*	12/29/2024	2021
7440-23-5	Sodium	480	U	12/29/2024	2021
7440-28-0	Thallium	2.4	U*	12/29/2024	2021
7440-62-2	Vanadium	17		12/29/2024	2021
7440-66-6	Zinc	390		12/29/2024	2021

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

Comments:

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MBHMF5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMF4

Matrix: SOIL Lab Sample ID: P5130-02

% Solids: 74.9 Date Received: 12/05/2024

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	7300		12/29/2024	2024
7440-36-0	Antimony	1.9	J*	12/29/2024	2024
7440-38-2	Arsenic	14	*	12/29/2024	2024
7440-39-3	Barium	330		12/29/2024	2024
7440-41-7	Beryllium	1.2		12/29/2024	2024
7440-43-9	Cadmium	1.6		12/29/2024	2024
7440-70-2	Calcium	6400		12/29/2024	2024
7440-47-3	Chromium	22		12/29/2024	2024
7440-48-4	Cobalt	6.1	*	12/29/2024	2024
7440-50-8	Copper	56	*	12/29/2024	2024
7439-89-6	Iron	16000		12/29/2024	2024
7439-92-1	Lead	610		12/29/2024	2024
7439-95-4	Magnesium	3000		12/29/2024	2024
7439-96-5	Manganese	940		12/29/2024	2024
7440-02-0	Nickel	24		12/29/2024	2024
7440-09-7	Potassium	380	J	12/29/2024	2024
7782-49-2	Selenium	8.6	*	12/29/2024	2024
7440-22-4	Silver	1.2	U*	12/29/2024	2024
7440-23-5	Sodium	580	U	12/29/2024	2024
7440-28-0	Thallium	2.9	U*	12/29/2024	2024
7440-62-2	Vanadium	20		12/29/2024	2024
7440-66-6	Zinc	420		12/29/2024	2024

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

Comments:

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MBHMF6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMF4

Matrix: SOIL Lab Sample ID: P5130-03

% Solids: 74 Date Received: 12/05/2024

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	6400		12/29/2024	2028
7440-36-0	Antimony	2.5	J*	12/29/2024	2028
7440-38-2	Arsenic	16	*	12/29/2024	2028
7440-39-3	Barium	290		12/29/2024	2028
7440-41-7	Beryllium	1.1		12/29/2024	2028
7440-43-9	Cadmium	1.5		12/29/2024	2028
7440-70-2	Calcium	8700		12/29/2024	2028
7440-47-3	Chromium	23		12/29/2024	2028
7440-48-4	Cobalt	6.6	*	12/29/2024	2028
7440-50-8	Copper	62	*	12/29/2024	2028
7439-89-6	Iron	17000		12/29/2024	2028
7439-92-1	Lead	550		12/29/2024	2028
7439-95-4	Magnesium	2500		12/29/2024	2028
7439-96-5	Manganese	1300		12/29/2024	2028
7440-02-0	Nickel	19		12/29/2024	2028
7440-09-7	Potassium	470	J	12/29/2024	2028
7782-49-2	Selenium	8.6	*	12/29/2024	2028
7440-22-4	Silver	1.1	U*	12/29/2024	2028
7440-23-5	Sodium	560	U	12/29/2024	2028
7440-28-0	Thallium	2.8	U*	12/29/2024	2028
7440-62-2	Vanadium	17		12/29/2024	2028
7440-66-6	Zinc	310		12/29/2024	2028

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

Comments:

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MBHMF7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMF4

Matrix: SOIL Lab Sample ID: P5130-04

% Solids: 76.4 Date Received: 12/05/2024

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	6400		12/29/2024	2032
7440-36-0	Antimony	0.82	J*	12/29/2024	2032
7440-38-2	Arsenic	16	*	12/29/2024	2032
7440-39-3	Barium	150		12/29/2024	2032
7440-41-7	Beryllium	1.3		12/29/2024	2032
7440-43-9	Cadmium	0.79		12/29/2024	2032
7440-70-2	Calcium	5900		12/29/2024	2032
7440-47-3	Chromium	12		12/29/2024	2032
7440-48-4	Cobalt	7.0	*	12/29/2024	2032
7440-50-8	Copper	54	*	12/29/2024	2032
7439-89-6	Iron	20000		12/29/2024	2032
7439-92-1	Lead	230		12/29/2024	2032
7439-95-4	Magnesium	1400		12/29/2024	2032
7439-96-5	Manganese	2000		12/29/2024	2032
7440-02-0	Nickel	12		12/29/2024	2032
7440-09-7	Potassium	400	J	12/29/2024	2032
7782-49-2	Selenium	11	*	12/29/2024	2032
7440-22-4	Silver	1.2	U*	12/29/2024	2032
7440-23-5	Sodium	600	U	12/29/2024	2032
7440-28-0	Thallium	3.0	U*	12/29/2024	2032
7440-62-2	Vanadium	16		12/29/2024	2032
7440-66-6	Zinc	150		12/29/2024	2032

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

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MBHMF8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMF4

Matrix: SOIL Lab Sample ID: P5130-05

% Solids: 80.5 Date Received: 12/05/2024

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	6800		12/29/2024	2036
7440-36-0	Antimony	3.9	J*	12/29/2024	2036
7440-38-2	Arsenic	19	*	12/29/2024	2036
7440-39-3	Barium	110		12/29/2024	2036
7440-41-7	Beryllium	1.6		12/29/2024	2036
7440-43-9	Cadmium	0.75		12/29/2024	2036
7440-70-2	Calcium	3900		12/29/2024	2036
7440-47-3	Chromium	12		12/29/2024	2036
7440-48-4	Cobalt	8.4	*	12/29/2024	2036
7440-50-8	Copper	34	*	12/29/2024	2036
7439-89-6	Iron	24000		12/29/2024	2036
7439-92-1	Lead	190		12/29/2024	2036
7439-95-4	Magnesium	1700		12/29/2024	2036
7439-96-5	Manganese	1500		12/29/2024	2036
7440-02-0	Nickel	19		12/29/2024	2036
7440-09-7	Potassium	650		12/29/2024	2036
7782-49-2	Selenium	13	*	12/29/2024	2036
7440-22-4	Silver	1.1	U*	12/29/2024	2036
7440-23-5	Sodium	570	U	12/29/2024	2036
7440-28-0	Thallium	2.9	U*	12/29/2024	2036
7440-62-2	Vanadium	16		12/29/2024	2036
7440-66-6	Zinc	95		12/29/2024	2036

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

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MBHMF9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMF4

Matrix: SOIL Lab Sample ID: P5130-06

% Solids: 79.7 Date Received: 12/05/2024

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	6200		12/29/2024	2040
7440-36-0	Antimony	2.8	J*	12/29/2024	2040
7440-38-2	Arsenic	18	*	12/29/2024	2040
7440-39-3	Barium	82		12/29/2024	2040
7440-41-7	Beryllium	1.2		12/29/2024	2040
7440-43-9	Cadmium	0.93		12/29/2024	2040
7440-70-2	Calcium	3600		12/29/2024	2040
7440-47-3	Chromium	9.3		12/29/2024	2040
7440-48-4	Cobalt	8.5	*	12/29/2024	2040
7440-50-8	Copper	26	*	12/29/2024	2040
7439-89-6	Iron	18000		12/29/2024	2040
7439-92-1	Lead	97		12/29/2024	2040
7439-95-4	Magnesium	1800		12/29/2024	2040
7439-96-5	Manganese	1700		12/29/2024	2040
7440-02-0	Nickel	19		12/29/2024	2040
7440-09-7	Potassium	490	J	12/29/2024	2040
7782-49-2	Selenium	10	*	12/29/2024	2040
7440-22-4	Silver	1.1	U*	12/29/2024	2040
7440-23-5	Sodium	520	U	12/29/2024	2040
7440-28-0	Thallium	2.6	U*	12/29/2024	2040
7440-62-2	Vanadium	13		12/29/2024	2040
7440-66-6	Zinc	89		12/29/2024	2040

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

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MBHMG3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMF4

Matrix: SOIL Lab Sample ID: P5130-07

% Solids: 73.2 Date Received: 12/05/2024

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	6200		12/29/2024	2044
7440-36-0	Antimony	1.6	J*	12/29/2024	2044
7440-38-2	Arsenic	20	*	12/29/2024	2044
7440-39-3	Barium	170		12/29/2024	2044
7440-41-7	Beryllium	1.2		12/29/2024	2044
7440-43-9	Cadmium	0.80		12/29/2024	2044
7440-70-2	Calcium	10000		12/29/2024	2044
7440-47-3	Chromium	19		12/29/2024	2044
7440-48-4	Cobalt	8.8	*	12/29/2024	2044
7440-50-8	Copper	47	*	12/29/2024	2044
7439-89-6	Iron	16000		12/29/2024	2044
7439-92-1	Lead	550		12/29/2024	2044
7439-95-4	Magnesium	3400		12/29/2024	2044
7439-96-5	Manganese	1600		12/29/2024	2044
7440-02-0	Nickel	17		12/29/2024	2044
7440-09-7	Potassium	790		12/29/2024	2044
7782-49-2	Selenium	8.3	*	12/29/2024	2044
7440-22-4	Silver	0.11	J*	12/29/2024	2044
7440-23-5	Sodium	510	U	12/29/2024	2044
7440-28-0	Thallium	2.6	U*	12/29/2024	2044
7440-62-2	Vanadium	15		12/29/2024	2044
7440-66-6	Zinc	210		12/29/2024	2044

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

Comments:

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MBHMG4

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMF4
 Matrix: SOIL Lab Sample ID: P5130-08
 % Solids: 78.2 Date Received: 12/05/2024
 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	6400		12/29/2024	2055
7440-36-0	Antimony	1.8	J*	12/29/2024	2055
7440-38-2	Arsenic	22	*	12/29/2024	2055
7440-39-3	Barium	170		12/29/2024	2055
7440-41-7	Beryllium	1.2		12/29/2024	2055
7440-43-9	Cadmium	0.81		12/29/2024	2055
7440-70-2	Calcium	7600		12/29/2024	2055
7440-47-3	Chromium	20		12/29/2024	2055
7440-48-4	Cobalt	8.5	*	12/29/2024	2055
7440-50-8	Copper	51	*	12/29/2024	2055
7439-89-6	Iron	17000		12/29/2024	2055
7439-92-1	Lead	570		12/29/2024	2055
7439-95-4	Magnesium	2300		12/29/2024	2055
7439-96-5	Manganese	1600		12/29/2024	2055
7440-02-0	Nickel	18		12/29/2024	2055
7440-09-7	Potassium	690		12/29/2024	2055
7782-49-2	Selenium	9.3	*	12/29/2024	2055
7440-22-4	Silver	0.23	J*	12/29/2024	2055
7440-23-5	Sodium	520	U	12/29/2024	2055
7440-28-0	Thallium	2.6	U*	12/29/2024	2055
7440-62-2	Vanadium	16		12/29/2024	2055
7440-66-6	Zinc	210		12/29/2024	2055

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

Comments:

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MBHMG5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMF4

Matrix: SOIL Lab Sample ID: P5130-09

% Solids: 82.4 Date Received: 12/05/2024

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		12/29/2024	2059
7440-36-0	Antimony	0.62	J*	12/29/2024	2059
7440-38-2	Arsenic	20	*	12/29/2024	2059
7440-39-3	Barium	170		12/29/2024	2059
7440-41-7	Beryllium	1.0		12/29/2024	2059
7440-43-9	Cadmium	0.74		12/29/2024	2059
7440-70-2	Calcium	12000		12/29/2024	2059
7440-47-3	Chromium	21		12/29/2024	2059
7440-48-4	Cobalt	8.2	*	12/29/2024	2059
7440-50-8	Copper	56	*	12/29/2024	2059
7439-89-6	Iron	15000		12/29/2024	2059
7439-92-1	Lead	570		12/29/2024	2059
7439-95-4	Magnesium	2000		12/29/2024	2059
7439-96-5	Manganese	1500		12/29/2024	2059
7440-02-0	Nickel	15		12/29/2024	2059
7440-09-7	Potassium	530		12/29/2024	2059
7782-49-2	Selenium	7.2	*	12/29/2024	2059
7440-22-4	Silver	0.25	J*	12/29/2024	2059
7440-23-5	Sodium	410	U	12/29/2024	2059
7440-28-0	Thallium	2.1	U*	12/29/2024	2059
7440-62-2	Vanadium	13		12/29/2024	2059
7440-66-6	Zinc	210		12/29/2024	2059

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

Comments:

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MBHMG6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMF4

Matrix: SOIL Lab Sample ID: P5130-10

% Solids: 83.2 Date Received: 12/05/2024

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		12/29/2024	2103
7440-36-0	Antimony	1.2	J*	12/29/2024	2103
7440-38-2	Arsenic	18	*	12/29/2024	2103
7440-39-3	Barium	160		12/29/2024	2103
7440-41-7	Beryllium	1.0		12/29/2024	2103
7440-43-9	Cadmium	0.67		12/29/2024	2103
7440-70-2	Calcium	17000		12/29/2024	2103
7440-47-3	Chromium	20		12/29/2024	2103
7440-48-4	Cobalt	8.3	*	12/29/2024	2103
7440-50-8	Copper	49	*	12/29/2024	2103
7439-89-6	Iron	15000		12/29/2024	2103
7439-92-1	Lead	480		12/29/2024	2103
7439-95-4	Magnesium	1800		12/29/2024	2103
7439-96-5	Manganese	1500		12/29/2024	2103
7440-02-0	Nickel	13		12/29/2024	2103
7440-09-7	Potassium	510		12/29/2024	2103
7782-49-2	Selenium	6.6	*	12/29/2024	2103
7440-22-4	Silver	0.99	U*	12/29/2024	2103
7440-23-5	Sodium	490	U	12/29/2024	2103
7440-28-0	Thallium	2.5	U*	12/29/2024	2103
7440-62-2	Vanadium	12		12/29/2024	2103
7440-66-6	Zinc	200		12/29/2024	2103

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

Comments:

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MBHMG7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMF4

Matrix: SOIL Lab Sample ID: P5130-11

% Solids: 85.5 Date Received: 12/05/2024

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		12/29/2024	2107
7440-36-0	Antimony	2.1	J*	12/29/2024	2107
7440-38-2	Arsenic	20	*	12/29/2024	2107
7440-39-3	Barium	120		12/29/2024	2107
7440-41-7	Beryllium	1.2		12/29/2024	2107
7440-43-9	Cadmium	0.59		12/29/2024	2107
7440-70-2	Calcium	9400		12/29/2024	2107
7440-47-3	Chromium	16		12/29/2024	2107
7440-48-4	Cobalt	9.0	*	12/29/2024	2107
7440-50-8	Copper	36	*	12/29/2024	2107
7439-89-6	Iron	17000		12/29/2024	2107
7439-92-1	Lead	280		12/29/2024	2107
7439-95-4	Magnesium	1700		12/29/2024	2107
7439-96-5	Manganese	1600		12/29/2024	2107
7440-02-0	Nickel	14		12/29/2024	2107
7440-09-7	Potassium	460	J	12/29/2024	2107
7782-49-2	Selenium	9.2	*	12/29/2024	2107
7440-22-4	Silver	0.98	U*	12/29/2024	2107
7440-23-5	Sodium	490	U	12/29/2024	2107
7440-28-0	Thallium	2.5	U*	12/29/2024	2107
7440-62-2	Vanadium	14		12/29/2024	2107
7440-66-6	Zinc	140		12/29/2024	2107

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMH2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMF4

Matrix: SOIL Lab Sample ID: P5130-12

% Solids: 86.4 Date Received: 12/05/2024

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	4500		12/29/2024	2111
7440-36-0	Antimony	1.4	J*	12/29/2024	2111
7440-38-2	Arsenic	9.5	*	12/29/2024	2111
7440-39-3	Barium	150		12/29/2024	2111
7440-41-7	Beryllium	0.94		12/29/2024	2111
7440-43-9	Cadmium	1.3		12/29/2024	2111
7440-70-2	Calcium	19000		12/29/2024	2111
7440-47-3	Chromium	13		12/29/2024	2111
7440-48-4	Cobalt	4.8	*	12/29/2024	2111
7440-50-8	Copper	43	*	12/29/2024	2111
7439-89-6	Iron	16000		12/29/2024	2111
7439-92-1	Lead	350		12/29/2024	2111
7439-95-4	Magnesium	6000		12/29/2024	2111
7439-96-5	Manganese	740		12/29/2024	2111
7440-02-0	Nickel	15		12/29/2024	2111
7440-09-7	Potassium	390	J	12/29/2024	2111
7782-49-2	Selenium	6.3	*	12/29/2024	2111
7440-22-4	Silver	0.93	U*	12/29/2024	2111
7440-23-5	Sodium	110	J	12/29/2024	2111
7440-28-0	Thallium	2.3	U*	12/29/2024	2111
7440-62-2	Vanadium	10		12/29/2024	2111
7440-66-6	Zinc	440		12/29/2024	2111

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMH3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMF4

Matrix: SOIL Lab Sample ID: P5130-13

% Solids: 88.2 Date Received: 12/05/2024

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	4500		12/29/2024	2114
7440-36-0	Antimony	1.5	J*	12/29/2024	2114
7440-38-2	Arsenic	9.3	*	12/29/2024	2114
7440-39-3	Barium	160		12/29/2024	2114
7440-41-7	Beryllium	1.1		12/29/2024	2114
7440-43-9	Cadmium	2.0		12/29/2024	2114
7440-70-2	Calcium	24000		12/29/2024	2114
7440-47-3	Chromium	13		12/29/2024	2114
7440-48-4	Cobalt	5.1	J*	12/29/2024	2114
7440-50-8	Copper	51	*	12/29/2024	2114
7439-89-6	Iron	18000		12/29/2024	2114
7439-92-1	Lead	390		12/29/2024	2114
7439-95-4	Magnesium	6900		12/29/2024	2114
7439-96-5	Manganese	770		12/29/2024	2114
7440-02-0	Nickel	16		12/29/2024	2114
7440-09-7	Potassium	410	J	12/29/2024	2114
7782-49-2	Selenium	8.2	*	12/29/2024	2114
7440-22-4	Silver	1.1	U*	12/29/2024	2114
7440-23-5	Sodium	120	J	12/29/2024	2114
7440-28-0	Thallium	2.6	U*	12/29/2024	2114
7440-62-2	Vanadium	11		12/29/2024	2114
7440-66-6	Zinc	740		12/29/2024	2114

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMH4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMF4

Matrix: SOIL Lab Sample ID: P5130-14

% Solids: 86.9 Date Received: 12/05/2024

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		12/29/2024	2118
7440-36-0	Antimony	7.6	*	12/29/2024	2118
7440-38-2	Arsenic	16	*	12/29/2024	2118
7440-39-3	Barium	380		12/29/2024	2118
7440-41-7	Beryllium	1.6		12/29/2024	2118
7440-43-9	Cadmium	2.0		12/29/2024	2118
7440-70-2	Calcium	18000		12/29/2024	2118
7440-47-3	Chromium	15		12/29/2024	2118
7440-48-4	Cobalt	1.3	J*	12/29/2024	2118
7440-50-8	Copper	73	*	12/29/2024	2118
7439-89-6	Iron	29000		12/29/2024	2118
7439-92-1	Lead	760		12/29/2024	2118
7439-95-4	Magnesium	5100		12/29/2024	2118
7439-96-5	Manganese	1100		12/29/2024	2118
7440-02-0	Nickel	18		12/29/2024	2118
7440-09-7	Potassium	540		12/29/2024	2118
7782-49-2	Selenium	15	*	12/29/2024	2118
7440-22-4	Silver	0.85	U*	12/29/2024	2118
7440-23-5	Sodium	130	J	12/29/2024	2118
7440-28-0	Thallium	2.1	U*	12/29/2024	2118
7440-62-2	Vanadium	14		12/29/2024	2118
7440-66-6	Zinc	820		12/29/2024	2118

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMH5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMF4

Matrix: SOIL Lab Sample ID: P5130-15

% Solids: 86.9 Date Received: 12/05/2024

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		01/04/2025	0255
7440-36-0	Antimony	5.1	J*	01/04/2025	0255
7440-38-2	Arsenic	14	*	01/04/2025	0255
7440-39-3	Barium	330		01/04/2025	0255
7440-41-7	Beryllium	0.60		01/04/2025	0255
7440-43-9	Cadmium	1.7		01/04/2025	0255
7440-70-2	Calcium	14000		01/04/2025	0255
7440-47-3	Chromium	15		01/04/2025	0255
7440-48-4	Cobalt	13	*	01/04/2025	0255
7440-50-8	Copper	59	*	01/04/2025	0255
7439-89-6	Iron	23000		01/04/2025	0255
7439-92-1	Lead	510		01/04/2025	0255
7439-95-4	Magnesium	4100		01/04/2025	0255
7439-96-5	Manganese	1700		01/04/2025	0255
7440-02-0	Nickel	17		01/04/2025	0255
7440-09-7	Potassium	710		01/04/2025	0255
7782-49-2	Selenium	11	*	01/04/2025	0255
7440-22-4	Silver	1.0	U*	01/04/2025	0255
7440-23-5	Sodium	510	U	01/04/2025	0255
7440-28-0	Thallium	2.5	U*	01/04/2025	0255
7440-62-2	Vanadium	16		01/04/2025	0255
7440-66-6	Zinc	560		01/04/2025	0255

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHML5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMF4

Matrix: SOIL Lab Sample ID: P5130-18

% Solids: 82.7 Date Received: 12/05/2024

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		12/29/2024	2137
7440-36-0	Antimony	2.3	J*	12/29/2024	2137
7440-38-2	Arsenic	19	*	12/29/2024	2137
7440-39-3	Barium	130		12/29/2024	2137
7440-41-7	Beryllium	1.2		12/29/2024	2137
7440-43-9	Cadmium	0.89		12/29/2024	2137
7440-70-2	Calcium	6200		12/29/2024	2137
7440-47-3	Chromium	11		12/29/2024	2137
7440-48-4	Cobalt	7.9	*	12/29/2024	2137
7440-50-8	Copper	40	*	12/29/2024	2137
7439-89-6	Iron	17000		12/29/2024	2137
7439-92-1	Lead	180		12/29/2024	2137
7439-95-4	Magnesium	1900		12/29/2024	2137
7439-96-5	Manganese	1600		12/29/2024	2137
7440-02-0	Nickel	20		12/29/2024	2137
7440-09-7	Potassium	910		12/29/2024	2137
7782-49-2	Selenium	10	*	12/29/2024	2137
7440-22-4	Silver	1.0	U*	12/29/2024	2137
7440-23-5	Sodium	520	U	12/29/2024	2137
7440-28-0	Thallium	2.6	U*	12/29/2024	2137
7440-62-2	Vanadium	16		12/29/2024	2137
7440-66-6	Zinc	160		12/29/2024	2137

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHML6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMF4

Matrix: SOIL Lab Sample ID: P5130-19

% Solids: 87.3 Date Received: 12/05/2024

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	6800		12/29/2024	2141
7440-36-0	Antimony	2.5	J*	12/29/2024	2141
7440-38-2	Arsenic	20	*	12/29/2024	2141
7440-39-3	Barium	140		12/29/2024	2141
7440-41-7	Beryllium	1.2		12/29/2024	2141
7440-43-9	Cadmium	0.91		12/29/2024	2141
7440-70-2	Calcium	4200		12/29/2024	2141
7440-47-3	Chromium	11		12/29/2024	2141
7440-48-4	Cobalt	7.9	*	12/29/2024	2141
7440-50-8	Copper	35	*	12/29/2024	2141
7439-89-6	Iron	16000		12/29/2024	2141
7439-92-1	Lead	160		12/29/2024	2141
7439-95-4	Magnesium	1500		12/29/2024	2141
7439-96-5	Manganese	1900		12/29/2024	2141
7440-02-0	Nickel	17		12/29/2024	2141
7440-09-7	Potassium	590		12/29/2024	2141
7782-49-2	Selenium	10	*	12/29/2024	2141
7440-22-4	Silver	0.96	U*	12/29/2024	2141
7440-23-5	Sodium	480	U	12/29/2024	2141
7440-28-0	Thallium	2.4	U*	12/29/2024	2141
7440-62-2	Vanadium	17		12/29/2024	2141
7440-66-6	Zinc	150		12/29/2024	2141

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHML7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMF4

Matrix: SOIL Lab Sample ID: P5130-20

% Solids: 87.3 Date Received: 12/05/2024

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	6400		12/29/2024	2145
7440-36-0	Antimony	3.1	J*	12/29/2024	2145
7440-38-2	Arsenic	22	*	12/29/2024	2145
7440-39-3	Barium	140		12/29/2024	2145
7440-41-7	Beryllium	1.3		12/29/2024	2145
7440-43-9	Cadmium	0.98		12/29/2024	2145
7440-70-2	Calcium	4300		12/29/2024	2145
7440-47-3	Chromium	12		12/29/2024	2145
7440-48-4	Cobalt	6.5	*	12/29/2024	2145
7440-50-8	Copper	39	*	12/29/2024	2145
7439-89-6	Iron	19000		12/29/2024	2145
7439-92-1	Lead	230		12/29/2024	2145
7439-95-4	Magnesium	1400		12/29/2024	2145
7439-96-5	Manganese	1700		12/29/2024	2145
7440-02-0	Nickel	21		12/29/2024	2145
7440-09-7	Potassium	560		12/29/2024	2145
7782-49-2	Selenium	12	*	12/29/2024	2145
7440-22-4	Silver	0.93	U*	12/29/2024	2145
7440-23-5	Sodium	470	U	12/29/2024	2145
7440-28-0	Thallium	2.3	U*	12/29/2024	2145
7440-62-2	Vanadium	17		12/29/2024	2145
7440-66-6	Zinc	160		12/29/2024	2145

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHML8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMF4

Matrix: SOIL Lab Sample ID: P5130-21

% Solids: 73.4 Date Received: 12/05/2024

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	6200		12/29/2024	2149
7440-36-0	Antimony	2.3	J*	12/29/2024	2149
7440-38-2	Arsenic	24	*	12/29/2024	2149
7440-39-3	Barium	200		12/29/2024	2149
7440-41-7	Beryllium	1.3		12/29/2024	2149
7440-43-9	Cadmium	1.5		12/29/2024	2149
7440-70-2	Calcium	6900		12/29/2024	2149
7440-47-3	Chromium	14		12/29/2024	2149
7440-48-4	Cobalt	7.2	*	12/29/2024	2149
7440-50-8	Copper	64	*	12/29/2024	2149
7439-89-6	Iron	19000		12/29/2024	2149
7439-92-1	Lead	690		12/29/2024	2149
7439-95-4	Magnesium	1700		12/29/2024	2149
7439-96-5	Manganese	1500		12/29/2024	2149
7440-02-0	Nickel	20		12/29/2024	2149
7440-09-7	Potassium	960		12/29/2024	2149
7782-49-2	Selenium	12	*	12/29/2024	2149
7440-22-4	Silver	0.24	J*	12/29/2024	2149
7440-23-5	Sodium	220	J	12/29/2024	2149
7440-28-0	Thallium	2.5	U*	12/29/2024	2149
7440-62-2	Vanadium	17		12/29/2024	2149
7440-66-6	Zinc	420		12/29/2024	2149

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHML9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMF4

Matrix: SOIL Lab Sample ID: P5130-22

% Solids: 81.8 Date Received: 12/05/2024

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	6100		12/29/2024	2153
7440-36-0	Antimony	2.3	J*	12/29/2024	2153
7440-38-2	Arsenic	25	*	12/29/2024	2153
7440-39-3	Barium	210		12/29/2024	2153
7440-41-7	Beryllium	1.3		12/29/2024	2153
7440-43-9	Cadmium	1.5		12/29/2024	2153
7440-70-2	Calcium	7000		12/29/2024	2153
7440-47-3	Chromium	14		12/29/2024	2153
7440-48-4	Cobalt	7.5	*	12/29/2024	2153
7440-50-8	Copper	72	*	12/29/2024	2153
7439-89-6	Iron	18000		12/29/2024	2153
7439-92-1	Lead	770		12/29/2024	2153
7439-95-4	Magnesium	1700		12/29/2024	2153
7439-96-5	Manganese	1500		12/29/2024	2153
7440-02-0	Nickel	19		12/29/2024	2153
7440-09-7	Potassium	770		12/29/2024	2153
7782-49-2	Selenium	10	*	12/29/2024	2153
7440-22-4	Silver	0.38	J*	12/29/2024	2153
7440-23-5	Sodium	210	J	12/29/2024	2153
7440-28-0	Thallium	2.6	U*	12/29/2024	2153
7440-62-2	Vanadium	19		12/29/2024	2153
7440-66-6	Zinc	430		12/29/2024	2153

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

Comments: