

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM70

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM70

Matrix: SOIL Lab Sample ID: P5124-01

% Solids: 70.4 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	5500		01/06/2025	1900
7440-36-0	Antimony	4.5	J	01/06/2025	1900
7440-38-2	Arsenic	13		01/06/2025	1900
7440-39-3	Barium	120		01/06/2025	1900
7440-41-7	Beryllium	0.65		01/06/2025	1900
7440-43-9	Cadmium	0.47	J	01/06/2025	1900
7440-70-2	Calcium	19000		01/06/2025	1900
7440-47-3	Chromium	63		01/06/2025	1900
7440-48-4	Cobalt	58	*	01/06/2025	1900
7440-50-8	Copper	55		01/06/2025	1900
7439-89-6	Iron	18000		01/06/2025	1900
7439-92-1	Lead	250		01/06/2025	1900
7439-95-4	Magnesium	3900		01/06/2025	1900
7439-96-5	Manganese	540	*	01/06/2025	1900
7440-02-0	Nickel	86		01/06/2025	1900
7440-09-7	Potassium	600		01/06/2025	1900
7782-49-2	Selenium	6.0	*	01/06/2025	1900
7440-22-4	Silver	1.1	U*	01/06/2025	1900
7440-23-5	Sodium	560	U	01/06/2025	1900
7440-28-0	Thallium	2.8	U*	01/06/2025	1900
7440-62-2	Vanadium	17		01/06/2025	1900
7440-66-6	Zinc	180	*	01/06/2025	1900

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

Comments:

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MBHM71

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM70
 Matrix: SOIL Lab Sample ID: P5124-02
 % Solids: 77.3 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	5300		01/06/2025	1904
7440-36-0	Antimony	3.7	J	01/06/2025	1904
7440-38-2	Arsenic	14		01/06/2025	1904
7440-39-3	Barium	110		01/06/2025	1904
7440-41-7	Beryllium	0.56		01/06/2025	1904
7440-43-9	Cadmium	0.49		01/06/2025	1904
7440-70-2	Calcium	32000		01/06/2025	1904
7440-47-3	Chromium	36		01/06/2025	1904
7440-48-4	Cobalt	14	*	01/06/2025	1904
7440-50-8	Copper	52		01/06/2025	1904
7439-89-6	Iron	16000		01/06/2025	1904
7439-92-1	Lead	240		01/06/2025	1904
7439-95-4	Magnesium	3800		01/06/2025	1904
7439-96-5	Manganese	560	*	01/06/2025	1904
7440-02-0	Nickel	74		01/06/2025	1904
7440-09-7	Potassium	600		01/06/2025	1904
7782-49-2	Selenium	4.9	*	01/06/2025	1904
7440-22-4	Silver	0.94	U*	01/06/2025	1904
7440-23-5	Sodium	470	U	01/06/2025	1904
7440-28-0	Thallium	2.4	U*	01/06/2025	1904
7440-62-2	Vanadium	17		01/06/2025	1904
7440-66-6	Zinc	160	*	01/06/2025	1904

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

Comments:

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MBHM72

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM70

Matrix: SOIL Lab Sample ID: P5124-03

% Solids: 75.8 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	5800		01/06/2025	1908
7440-36-0	Antimony	6.6		01/06/2025	1908
7440-38-2	Arsenic	20		01/06/2025	1908
7440-39-3	Barium	160		01/06/2025	1908
7440-41-7	Beryllium	0.84		01/06/2025	1908
7440-43-9	Cadmium	0.66		01/06/2025	1908
7440-70-2	Calcium	17000		01/06/2025	1908
7440-47-3	Chromium	120		01/06/2025	1908
7440-48-4	Cobalt	23	*	01/06/2025	1908
7440-50-8	Copper	79		01/06/2025	1908
7439-89-6	Iron	23000		01/06/2025	1908
7439-92-1	Lead	490		01/06/2025	1908
7439-95-4	Magnesium	3700		01/06/2025	1908
7439-96-5	Manganese	520	*	01/06/2025	1908
7440-02-0	Nickel	220		01/06/2025	1908
7440-09-7	Potassium	480	J	01/06/2025	1908
7782-49-2	Selenium	9.6	*	01/06/2025	1908
7440-22-4	Silver	1.1	U*	01/06/2025	1908
7440-23-5	Sodium	530	U	01/06/2025	1908
7440-28-0	Thallium	2.7	U*	01/06/2025	1908
7440-62-2	Vanadium	23		01/06/2025	1908
7440-66-6	Zinc	230	*	01/06/2025	1908

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

Comments:

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MBHM73

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM70

Matrix: SOIL Lab Sample ID: P5124-04

% Solids: 69.8 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	7100		01/06/2025	1912
7440-36-0	Antimony	7.6		01/06/2025	1912
7440-38-2	Arsenic	25		01/06/2025	1912
7440-39-3	Barium	190		01/06/2025	1912
7440-41-7	Beryllium	1.2		01/06/2025	1912
7440-43-9	Cadmium	0.83		01/06/2025	1912
7440-70-2	Calcium	18000		01/06/2025	1912
7440-47-3	Chromium	20		01/06/2025	1912
7440-48-4	Cobalt	14	*	01/06/2025	1912
7440-50-8	Copper	85		01/06/2025	1912
7439-89-6	Iron	33000		01/06/2025	1912
7439-92-1	Lead	380		01/06/2025	1912
7439-95-4	Magnesium	3300		01/06/2025	1912
7439-96-5	Manganese	710	*	01/06/2025	1912
7440-02-0	Nickel	28		01/06/2025	1912
7440-09-7	Potassium	580	J	01/06/2025	1912
7782-49-2	Selenium	15	*	01/06/2025	1912
7440-22-4	Silver	1.2	U*	01/06/2025	1912
7440-23-5	Sodium	120	J	01/06/2025	1912
7440-28-0	Thallium	3.0	U*	01/06/2025	1912
7440-62-2	Vanadium	26		01/06/2025	1912
7440-66-6	Zinc	260	*	01/06/2025	1912

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

Comments:

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MBHM74

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM70

Matrix: SOIL Lab Sample ID: P5124-05

% Solids: 69.8 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	6600		01/06/2025	1915
7440-36-0	Antimony	5.4	J	01/06/2025	1915
7440-38-2	Arsenic	20		01/06/2025	1915
7440-39-3	Barium	240		01/06/2025	1915
7440-41-7	Beryllium	0.67		01/06/2025	1915
7440-43-9	Cadmium	1.0		01/06/2025	1915
7440-70-2	Calcium	16000		01/06/2025	1915
7440-47-3	Chromium	27		01/06/2025	1915
7440-48-4	Cobalt	15	*	01/06/2025	1915
7440-50-8	Copper	53		01/06/2025	1915
7439-89-6	Iron	25000		01/06/2025	1915
7439-92-1	Lead	170		01/06/2025	1915
7439-95-4	Magnesium	2900		01/06/2025	1915
7439-96-5	Manganese	2100	*	01/06/2025	1915
7440-02-0	Nickel	29		01/06/2025	1915
7440-09-7	Potassium	650		01/06/2025	1915
7782-49-2	Selenium	12	*	01/06/2025	1915
7440-22-4	Silver	1.1	U*	01/06/2025	1915
7440-23-5	Sodium	540	U	01/06/2025	1915
7440-28-0	Thallium	2.7	U*	01/06/2025	1915
7440-62-2	Vanadium	21		01/06/2025	1915
7440-66-6	Zinc	120	*	01/06/2025	1915

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

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MBHM75

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM70

Matrix: SOIL Lab Sample ID: P5124-06

% Solids: 71.9 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	7200		01/06/2025	1919
7440-36-0	Antimony	3.7	J	01/06/2025	1919
7440-38-2	Arsenic	12		01/06/2025	1919
7440-39-3	Barium	170		01/06/2025	1919
7440-41-7	Beryllium	0.60		01/06/2025	1919
7440-43-9	Cadmium	0.69		01/06/2025	1919
7440-70-2	Calcium	3800		01/06/2025	1919
7440-47-3	Chromium	24		01/06/2025	1919
7440-48-4	Cobalt	13	*	01/06/2025	1919
7440-50-8	Copper	27		01/06/2025	1919
7439-89-6	Iron	17000		01/06/2025	1919
7439-92-1	Lead	34		01/06/2025	1919
7439-95-4	Magnesium	2400		01/06/2025	1919
7439-96-5	Manganese	730	*	01/06/2025	1919
7440-02-0	Nickel	21		01/06/2025	1919
7440-09-7	Potassium	600		01/06/2025	1919
7782-49-2	Selenium	8.8	*	01/06/2025	1919
7440-22-4	Silver	0.95	U*	01/06/2025	1919
7440-23-5	Sodium	480	U	01/06/2025	1919
7440-28-0	Thallium	2.4	U*	01/06/2025	1919
7440-62-2	Vanadium	16		01/06/2025	1919
7440-66-6	Zinc	60	*	01/06/2025	1919

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

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MBHM76

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM70

Matrix: SOIL Lab Sample ID: P5124-07

% Solids: 74.3 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	5400		01/06/2025	1923
7440-36-0	Antimony	3.1	J	01/06/2025	1923
7440-38-2	Arsenic	7.9		01/06/2025	1923
7440-39-3	Barium	100		01/06/2025	1923
7440-41-7	Beryllium	0.50	J	01/06/2025	1923
7440-43-9	Cadmium	0.39	J	01/06/2025	1923
7440-70-2	Calcium	56000		01/06/2025	1923
7440-47-3	Chromium	15		01/06/2025	1923
7440-48-4	Cobalt	14	*	01/06/2025	1923
7440-50-8	Copper	22		01/06/2025	1923
7439-89-6	Iron	16000		01/06/2025	1923
7439-92-1	Lead	28		01/06/2025	1923
7439-95-4	Magnesium	13000		01/06/2025	1923
7439-96-5	Manganese	610	*	01/06/2025	1923
7440-02-0	Nickel	17		01/06/2025	1923
7440-09-7	Potassium	690		01/06/2025	1923
7782-49-2	Selenium	4.1	*	01/06/2025	1923
7440-22-4	Silver	1.1	U*	01/06/2025	1923
7440-23-5	Sodium	530	U	01/06/2025	1923
7440-28-0	Thallium	2.7	U*	01/06/2025	1923
7440-62-2	Vanadium	15		01/06/2025	1923
7440-66-6	Zinc	52	*	01/06/2025	1923

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MBHM77

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM70

Matrix: SOIL Lab Sample ID: P5124-08

% Solids: 61.2 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	6600		01/06/2025	2048
7440-36-0	Antimony	5.4	J	01/06/2025	2048
7440-38-2	Arsenic	20		01/06/2025	2048
7440-39-3	Barium	200		01/06/2025	2048
7440-41-7	Beryllium	0.86		01/06/2025	2048
7440-43-9	Cadmium	0.80		01/06/2025	2048
7440-70-2	Calcium	16000		01/06/2025	2048
7440-47-3	Chromium	33		01/06/2025	2048
7440-48-4	Cobalt	14	*	01/06/2025	2048
7440-50-8	Copper	85		01/06/2025	2048
7439-89-6	Iron	24000		01/06/2025	2048
7439-92-1	Lead	520		01/06/2025	2048
7439-95-4	Magnesium	4600		01/06/2025	2048
7439-96-5	Manganese	780	*	01/06/2025	2048
7440-02-0	Nickel	35		01/06/2025	2048
7440-09-7	Potassium	870		01/06/2025	2048
7782-49-2	Selenium	10	*	01/06/2025	2048
7440-22-4	Silver	1.4	U*	01/06/2025	2048
7440-23-5	Sodium	710	U	01/06/2025	2048
7440-28-0	Thallium	3.6	U*	01/06/2025	2048
7440-62-2	Vanadium	24		01/06/2025	2048
7440-66-6	Zinc	290	*	01/06/2025	2048

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

Comments:

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MBHM78

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM70

Matrix: SOIL Lab Sample ID: P5124-09

% Solids: 69.8 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	5700		01/06/2025	2130
7440-36-0	Antimony	5.2	J	01/06/2025	2130
7440-38-2	Arsenic	21		01/06/2025	2130
7440-39-3	Barium	190		01/06/2025	2130
7440-41-7	Beryllium	0.75		01/06/2025	2130
7440-43-9	Cadmium	0.81		01/06/2025	2130
7440-70-2	Calcium	17000		01/06/2025	2130
7440-47-3	Chromium	22		01/06/2025	2130
7440-48-4	Cobalt	12	*	01/06/2025	2130
7440-50-8	Copper	87		01/06/2025	2130
7439-89-6	Iron	20000		01/06/2025	2130
7439-92-1	Lead	440		01/06/2025	2130
7439-95-4	Magnesium	5300		01/06/2025	2130
7439-96-5	Manganese	820	*	01/06/2025	2130
7440-02-0	Nickel	27		01/06/2025	2130
7440-09-7	Potassium	660		01/06/2025	2130
7782-49-2	Selenium	8.0	*	01/06/2025	2130
7440-22-4	Silver	0.98	U*	01/06/2025	2130
7440-23-5	Sodium	490	U	01/06/2025	2130
7440-28-0	Thallium	2.5	U*	01/06/2025	2130
7440-62-2	Vanadium	20		01/06/2025	2130
7440-66-6	Zinc	250	*	01/06/2025	2130

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

Comments:

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MBHM79

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM70

Matrix: SOIL Lab Sample ID: P5124-10

% Solids: 74.1 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	5300		01/06/2025	2134
7440-36-0	Antimony	5.0	J	01/06/2025	2134
7440-38-2	Arsenic	23		01/06/2025	2134
7440-39-3	Barium	170		01/06/2025	2134
7440-41-7	Beryllium	0.72		01/06/2025	2134
7440-43-9	Cadmium	0.73		01/06/2025	2134
7440-70-2	Calcium	21000		01/06/2025	2134
7440-47-3	Chromium	18		01/06/2025	2134
7440-48-4	Cobalt	12	*	01/06/2025	2134
7440-50-8	Copper	73		01/06/2025	2134
7439-89-6	Iron	20000		01/06/2025	2134
7439-92-1	Lead	400		01/06/2025	2134
7439-95-4	Magnesium	5200		01/06/2025	2134
7439-96-5	Manganese	710	*	01/06/2025	2134
7440-02-0	Nickel	23		01/06/2025	2134
7440-09-7	Potassium	490		01/06/2025	2134
7782-49-2	Selenium	7.3	*	01/06/2025	2134
7440-22-4	Silver	0.96	U*	01/06/2025	2134
7440-23-5	Sodium	100	J	01/06/2025	2134
7440-28-0	Thallium	2.4	U*	01/06/2025	2134
7440-62-2	Vanadium	21		01/06/2025	2134
7440-66-6	Zinc	230	*	01/06/2025	2134

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MBHM80

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM70

Matrix: SOIL Lab Sample ID: P5124-11

% Solids: 77.7 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	4700		01/06/2025	2137
7440-36-0	Antimony	5.3	J	01/06/2025	2137
7440-38-2	Arsenic	18		01/06/2025	2137
7440-39-3	Barium	130		01/06/2025	2137
7440-41-7	Beryllium	0.72		01/06/2025	2137
7440-43-9	Cadmium	0.55		01/06/2025	2137
7440-70-2	Calcium	19000		01/06/2025	2137
7440-47-3	Chromium	15		01/06/2025	2137
7440-48-4	Cobalt	11	*	01/06/2025	2137
7440-50-8	Copper	83		01/06/2025	2137
7439-89-6	Iron	20000		01/06/2025	2137
7439-92-1	Lead	330		01/06/2025	2137
7439-95-4	Magnesium	4500		01/06/2025	2137
7439-96-5	Manganese	450	*	01/06/2025	2137
7440-02-0	Nickel	21		01/06/2025	2137
7440-09-7	Potassium	410	J	01/06/2025	2137
7782-49-2	Selenium	7.6	*	01/06/2025	2137
7440-22-4	Silver	0.92	U*	01/06/2025	2137
7440-23-5	Sodium	110	J	01/06/2025	2137
7440-28-0	Thallium	2.3	U*	01/06/2025	2137
7440-62-2	Vanadium	19		01/06/2025	2137
7440-66-6	Zinc	210	*	01/06/2025	2137

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM81

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM70

Matrix: SOIL Lab Sample ID: P5124-12

% Solids: 77.7 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	4500		01/06/2025	2141
7440-36-0	Antimony	10		01/06/2025	2141
7440-38-2	Arsenic	24		01/06/2025	2141
7440-39-3	Barium	130		01/06/2025	2141
7440-41-7	Beryllium	0.95		01/06/2025	2141
7440-43-9	Cadmium	0.46	J	01/06/2025	2141
7440-70-2	Calcium	14000		01/06/2025	2141
7440-47-3	Chromium	12		01/06/2025	2141
7440-48-4	Cobalt	21	*	01/06/2025	2141
7440-50-8	Copper	100		01/06/2025	2141
7439-89-6	Iron	36000		01/06/2025	2141
7439-92-1	Lead	350		01/06/2025	2141
7439-95-4	Magnesium	3400		01/06/2025	2141
7439-96-5	Manganese	610	*	01/06/2025	2141
7440-02-0	Nickel	20		01/06/2025	2141
7440-09-7	Potassium	370	J	01/06/2025	2141
7782-49-2	Selenium	17	*	01/06/2025	2141
7440-22-4	Silver	1.2	U*	01/06/2025	2141
7440-23-5	Sodium	130	J	01/06/2025	2141
7440-28-0	Thallium	2.9	U*	01/06/2025	2141
7440-62-2	Vanadium	20		01/06/2025	2141
7440-66-6	Zinc	200	*	01/06/2025	2141

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM82

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM70

Matrix: SOIL Lab Sample ID: P5124-13

% Solids: 75 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	11000		01/06/2025	2145
7440-36-0	Antimony	6.1	J	01/06/2025	2145
7440-38-2	Arsenic	14		01/06/2025	2145
7440-39-3	Barium	180		01/06/2025	2145
7440-41-7	Beryllium	0.68		01/06/2025	2145
7440-43-9	Cadmium	0.52	J	01/06/2025	2145
7440-70-2	Calcium	8700		01/06/2025	2145
7440-47-3	Chromium	30		01/06/2025	2145
7440-48-4	Cobalt	21	*	01/06/2025	2145
7440-50-8	Copper	26		01/06/2025	2145
7439-89-6	Iron	25000		01/06/2025	2145
7439-92-1	Lead	110		01/06/2025	2145
7439-95-4	Magnesium	7100		01/06/2025	2145
7439-96-5	Manganese	1600	*	01/06/2025	2145
7440-02-0	Nickel	24		01/06/2025	2145
7440-09-7	Potassium	3300		01/06/2025	2145
7782-49-2	Selenium	12	*	01/06/2025	2145
7440-22-4	Silver	1.2	U*	01/06/2025	2145
7440-23-5	Sodium	580	U	01/06/2025	2145
7440-28-0	Thallium	2.9	U*	01/06/2025	2145
7440-62-2	Vanadium	54		01/06/2025	2145
7440-66-6	Zinc	87	*	01/06/2025	2145

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM83

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM70

Matrix: SOIL Lab Sample ID: P5124-14

% Solids: 88.1 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	3800		01/06/2025	2149
7440-36-0	Antimony	1.2	J	01/06/2025	2149
7440-38-2	Arsenic	4.0		01/06/2025	2149
7440-39-3	Barium	53		01/06/2025	2149
7440-41-7	Beryllium	0.24	J	01/06/2025	2149
7440-43-9	Cadmium	0.18	J	01/06/2025	2149
7440-70-2	Calcium	110000	D	01/07/2025	0033
7440-47-3	Chromium	7.4		01/06/2025	2149
7440-48-4	Cobalt	10	*	01/06/2025	2149
7440-50-8	Copper	14		01/06/2025	2149
7439-89-6	Iron	9700		01/06/2025	2149
7439-92-1	Lead	14		01/06/2025	2149
7439-95-4	Magnesium	9200		01/06/2025	2149
7439-96-5	Manganese	1100	*	01/06/2025	2149
7440-02-0	Nickel	11		01/06/2025	2149
7440-09-7	Potassium	480		01/06/2025	2149
7782-49-2	Selenium	1.3	J*	01/06/2025	2149
7440-22-4	Silver	0.89	U*	01/06/2025	2149
7440-23-5	Sodium	110	J	01/06/2025	2149
7440-28-0	Thallium	2.9	*	01/06/2025	2149
7440-62-2	Vanadium	10		01/06/2025	2149
7440-66-6	Zinc	29	*	01/06/2025	2149

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM84

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM70

Matrix: SOIL Lab Sample ID: P5124-15

% Solids: 73 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	6600		01/07/2025	0010
7440-36-0	Antimony	4.7	J	01/07/2025	0010
7440-38-2	Arsenic	12		01/07/2025	0010
7440-39-3	Barium	110		01/07/2025	0010
7440-41-7	Beryllium	0.62		01/07/2025	0010
7440-43-9	Cadmium	0.61		01/07/2025	0010
7440-70-2	Calcium	22000		01/07/2025	0010
7440-47-3	Chromium	14		01/07/2025	0010
7440-48-4	Cobalt	11	*	01/07/2025	0010
7440-50-8	Copper	32		01/07/2025	0010
7439-89-6	Iron	17000		01/07/2025	0010
7439-92-1	Lead	220		01/07/2025	0010
7439-95-4	Magnesium	9100		01/07/2025	0010
7439-96-5	Manganese	590	*	01/07/2025	0010
7440-02-0	Nickel	24		01/07/2025	0010
7440-09-7	Potassium	1000		01/07/2025	0010
7782-49-2	Selenium	5.2	*	01/07/2025	0010
7440-22-4	Silver	1.0	U*	01/07/2025	0010
7440-23-5	Sodium	500	U	01/07/2025	0010
7440-28-0	Thallium	2.5	U*	01/07/2025	0010
7440-62-2	Vanadium	16		01/07/2025	0010
7440-66-6	Zinc	190	*	01/07/2025	0010

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM85

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM70

Matrix: SOIL Lab Sample ID: P5124-16

% Solids: 78.6 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	5500		01/07/2025	0014
7440-36-0	Antimony	5.2	J	01/07/2025	0014
7440-38-2	Arsenic	13		01/07/2025	0014
7440-39-3	Barium	100		01/07/2025	0014
7440-41-7	Beryllium	0.62		01/07/2025	0014
7440-43-9	Cadmium	0.65		01/07/2025	0014
7440-70-2	Calcium	22000		01/07/2025	0014
7440-47-3	Chromium	12		01/07/2025	0014
7440-48-4	Cobalt	12	*	01/07/2025	0014
7440-50-8	Copper	33		01/07/2025	0014
7439-89-6	Iron	18000		01/07/2025	0014
7439-92-1	Lead	220		01/07/2025	0014
7439-95-4	Magnesium	8200		01/07/2025	0014
7439-96-5	Manganese	570	*	01/07/2025	0014
7440-02-0	Nickel	23		01/07/2025	0014
7440-09-7	Potassium	620		01/07/2025	0014
7782-49-2	Selenium	6.2	*	01/07/2025	0014
7440-22-4	Silver	0.90	U*	01/07/2025	0014
7440-23-5	Sodium	450	U	01/07/2025	0014
7440-28-0	Thallium	2.3	U*	01/07/2025	0014
7440-62-2	Vanadium	16		01/07/2025	0014
7440-66-6	Zinc	190	*	01/07/2025	0014

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM86

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM70

Matrix: SOIL Lab Sample ID: P5124-17

% 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	5200		01/07/2025	0017
7440-36-0	Antimony	3.2	J	01/07/2025	0017
7440-38-2	Arsenic	9.8		01/07/2025	0017
7440-39-3	Barium	91		01/07/2025	0017
7440-41-7	Beryllium	0.53	J	01/07/2025	0017
7440-43-9	Cadmium	0.62		01/07/2025	0017
7440-70-2	Calcium	66000		01/07/2025	0017
7440-47-3	Chromium	9.9		01/07/2025	0017
7440-48-4	Cobalt	11	*	01/07/2025	0017
7440-50-8	Copper	28		01/07/2025	0017
7439-89-6	Iron	15000		01/07/2025	0017
7439-92-1	Lead	180		01/07/2025	0017
7439-95-4	Magnesium	10000		01/07/2025	0017
7439-96-5	Manganese	680	*	01/07/2025	0017
7440-02-0	Nickel	20		01/07/2025	0017
7440-09-7	Potassium	700		01/07/2025	0017
7782-49-2	Selenium	2.6	J*	01/07/2025	0017
7440-22-4	Silver	1.1	U*	01/07/2025	0017
7440-23-5	Sodium	540	U	01/07/2025	0017
7440-28-0	Thallium	2.7	U*	01/07/2025	0017
7440-62-2	Vanadium	13		01/07/2025	0017
7440-66-6	Zinc	150	*	01/07/2025	0017

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM87

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM70

Matrix: SOIL Lab Sample ID: P5124-18

% Solids: 82.3 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	9200		01/07/2025	0021
7440-36-0	Antimony	4.7	J	01/07/2025	0021
7440-38-2	Arsenic	8.3		01/07/2025	0021
7440-39-3	Barium	72		01/07/2025	0021
7440-41-7	Beryllium	0.71		01/07/2025	0021
7440-43-9	Cadmium	0.19	J	01/07/2025	0021
7440-70-2	Calcium	8500		01/07/2025	0021
7440-47-3	Chromium	13		01/07/2025	0021
7440-48-4	Cobalt	12	*	01/07/2025	0021
7440-50-8	Copper	18		01/07/2025	0021
7439-89-6	Iron	20000		01/07/2025	0021
7439-92-1	Lead	110		01/07/2025	0021
7439-95-4	Magnesium	4800		01/07/2025	0021
7439-96-5	Manganese	580	*	01/07/2025	0021
7440-02-0	Nickel	22		01/07/2025	0021
7440-09-7	Potassium	530	J	01/07/2025	0021
7782-49-2	Selenium	8.4	*	01/07/2025	0021
7440-22-4	Silver	1.1	U*	01/07/2025	0021
7440-23-5	Sodium	550	U	01/07/2025	0021
7440-28-0	Thallium	2.7	U*	01/07/2025	0021
7440-62-2	Vanadium	19		01/07/2025	0021
7440-66-6	Zinc	65	*	01/07/2025	0021

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM88

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM70

Matrix: SOIL Lab Sample ID: P5124-19

% 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	6000		01/06/2025	0231
7440-36-0	Antimony	2.8	J	01/06/2025	0231
7440-38-2	Arsenic	15		01/06/2025	0231
7440-39-3	Barium	73		01/06/2025	0231
7440-41-7	Beryllium	0.89		01/06/2025	0231
7440-43-9	Cadmium	0.27	J	01/06/2025	0231
7440-70-2	Calcium	8800		01/06/2025	0231
7440-47-3	Chromium	8.3		01/06/2025	0231
7440-48-4	Cobalt	8.6	*	01/06/2025	0231
7440-50-8	Copper	16		01/06/2025	0231
7439-89-6	Iron	12000		01/06/2025	0231
7439-92-1	Lead	90		01/06/2025	0231
7439-95-4	Magnesium	2600		01/06/2025	0231
7439-96-5	Manganese	230	*	01/06/2025	0231
7440-02-0	Nickel	15		01/06/2025	0231
7440-09-7	Potassium	440	J	01/06/2025	0231
7782-49-2	Selenium	5.9	*	01/06/2025	0231
7440-22-4	Silver	1.2	U*	01/06/2025	0231
7440-23-5	Sodium	580	U	01/06/2025	0231
7440-28-0	Thallium	2.9	U*	01/06/2025	0231
7440-62-2	Vanadium	17		01/06/2025	0231
7440-66-6	Zinc	60	*	01/06/2025	0231

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM89

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM70

Matrix: SOIL Lab Sample ID: P5124-22

% Solids: 83.6 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	2900		01/07/2025	0025
7440-36-0	Antimony	3.4	J	01/07/2025	0025
7440-38-2	Arsenic	16		01/07/2025	0025
7440-39-3	Barium	74		01/07/2025	0025
7440-41-7	Beryllium	0.63		01/07/2025	0025
7440-43-9	Cadmium	0.15	J	01/07/2025	0025
7440-70-2	Calcium	13000		01/07/2025	0025
7440-47-3	Chromium	5.5		01/07/2025	0025
7440-48-4	Cobalt	7.0	*	01/07/2025	0025
7440-50-8	Copper	25		01/07/2025	0025
7439-89-6	Iron	13000		01/07/2025	0025
7439-92-1	Lead	140		01/07/2025	0025
7439-95-4	Magnesium	4000		01/07/2025	0025
7439-96-5	Manganese	250	*	01/07/2025	0025
7440-02-0	Nickel	8.9		01/07/2025	0025
7440-09-7	Potassium	230	J	01/07/2025	0025
7782-49-2	Selenium	3.2	J*	01/07/2025	0025
7440-22-4	Silver	1.0	U*	01/07/2025	0025
7440-23-5	Sodium	510	U	01/07/2025	0025
7440-28-0	Thallium	2.5	U*	01/07/2025	0025
7440-62-2	Vanadium	11		01/07/2025	0025
7440-66-6	Zinc	50	*	01/07/2025	0025

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

Comments: