

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM14

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM14

Matrix: SOIL Lab Sample ID: P5090-01

% Solids: 91.3 Date Received: 12/04/2024

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	4400	*	12/23/2024	1927
7440-36-0	Antimony	2.2	J*	12/23/2024	1927
7440-38-2	Arsenic	9.1	*	12/23/2024	1927
7440-39-3	Barium	46	*	12/23/2024	1927
7440-41-7	Beryllium	0.48		12/23/2024	1927
7440-43-9	Cadmium	0.38		12/23/2024	1927
7440-70-2	Calcium	55000	*	12/23/2024	1927
7440-47-3	Chromium	6.7	*	12/23/2024	1927
7440-48-4	Cobalt	10	*	12/23/2024	1927
7440-50-8	Copper	39	*	12/23/2024	1927
7439-89-6	Iron	13000	*	12/23/2024	1927
7439-92-1	Lead	22		12/23/2024	1927
7439-95-4	Magnesium	10000	*	12/23/2024	1927
7439-96-5	Manganese	820	*	12/23/2024	1927
7440-02-0	Nickel	14		12/23/2024	1927
7440-09-7	Potassium	690		12/23/2024	1927
7782-49-2	Selenium	4.6	*	12/23/2024	1927
7440-22-4	Silver	0.49	J*	12/23/2024	1927
7440-23-5	Sodium	380	U	12/23/2024	1927
7440-28-0	Thallium	1.9	U*	12/23/2024	1927
7440-62-2	Vanadium	11		12/23/2024	1927
7440-66-6	Zinc	37	*	12/23/2024	1927

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

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MBHM15

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM14

Matrix: SOIL Lab Sample ID: P5090-02

% Solids: 77.7 Date Received: 12/04/2024

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	*	12/23/2024	1931
7440-36-0	Antimony	3.4	J*	12/23/2024	1931
7440-38-2	Arsenic	10	*	12/23/2024	1931
7440-39-3	Barium	110	*	12/23/2024	1931
7440-41-7	Beryllium	0.63		12/23/2024	1931
7440-43-9	Cadmium	0.77		12/23/2024	1931
7440-70-2	Calcium	13000	*	12/23/2024	1931
7440-47-3	Chromium	30	*	12/23/2024	1931
7440-48-4	Cobalt	12	*	12/23/2024	1931
7440-50-8	Copper	42	*	12/23/2024	1931
7439-89-6	Iron	15000	*	12/23/2024	1931
7439-92-1	Lead	220		12/23/2024	1931
7439-95-4	Magnesium	3600	*	12/23/2024	1931
7439-96-5	Manganese	910	*	12/23/2024	1931
7440-02-0	Nickel	26		12/23/2024	1931
7440-09-7	Potassium	750		12/23/2024	1931
7782-49-2	Selenium	7.7	*	12/23/2024	1931
7440-22-4	Silver	0.83	J*	12/23/2024	1931
7440-23-5	Sodium	520	U	12/23/2024	1931
7440-28-0	Thallium	2.6	U*	12/23/2024	1931
7440-62-2	Vanadium	17		12/23/2024	1931
7440-66-6	Zinc	190	*	12/23/2024	1931

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

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MBHM16

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM14

Matrix: SOIL Lab Sample ID: P5090-03

% Solids: 83.1 Date Received: 12/04/2024

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	*	12/23/2024	1934
7440-36-0	Antimony	3.6	J*	12/23/2024	1934
7440-38-2	Arsenic	12	*	12/23/2024	1934
7440-39-3	Barium	99	*	12/23/2024	1934
7440-41-7	Beryllium	0.64		12/23/2024	1934
7440-43-9	Cadmium	0.76		12/23/2024	1934
7440-70-2	Calcium	7900	*	12/23/2024	1934
7440-47-3	Chromium	20	*	12/23/2024	1934
7440-48-4	Cobalt	11	*	12/23/2024	1934
7440-50-8	Copper	31	*	12/23/2024	1934
7439-89-6	Iron	15000	*	12/23/2024	1934
7439-92-1	Lead	240		12/23/2024	1934
7439-95-4	Magnesium	3200	*	12/23/2024	1934
7439-96-5	Manganese	830	*	12/23/2024	1934
7440-02-0	Nickel	22		12/23/2024	1934
7440-09-7	Potassium	550		12/23/2024	1934
7782-49-2	Selenium	7.9	*	12/23/2024	1934
7440-22-4	Silver	0.65	J*	12/23/2024	1934
7440-23-5	Sodium	530	U	12/23/2024	1934
7440-28-0	Thallium	2.6	U*	12/23/2024	1934
7440-62-2	Vanadium	17		12/23/2024	1934
7440-66-6	Zinc	150	*	12/23/2024	1934

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

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MBHM17

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM14

Matrix: SOIL Lab Sample ID: P5090-04

% Solids: 86.3 Date Received: 12/04/2024

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	*	12/23/2024	1938
7440-36-0	Antimony	3.3	J*	12/23/2024	1938
7440-38-2	Arsenic	13	*	12/23/2024	1938
7440-39-3	Barium	96	*	12/23/2024	1938
7440-41-7	Beryllium	0.60		12/23/2024	1938
7440-43-9	Cadmium	0.71		12/23/2024	1938
7440-70-2	Calcium	20000	*	12/23/2024	1938
7440-47-3	Chromium	12	*	12/23/2024	1938
7440-48-4	Cobalt	12	*	12/23/2024	1938
7440-50-8	Copper	35	*	12/23/2024	1938
7439-89-6	Iron	15000	*	12/23/2024	1938
7439-92-1	Lead	200		12/23/2024	1938
7439-95-4	Magnesium	4900	*	12/23/2024	1938
7439-96-5	Manganese	1000	*	12/23/2024	1938
7440-02-0	Nickel	18		12/23/2024	1938
7440-09-7	Potassium	610		12/23/2024	1938
7782-49-2	Selenium	6.9	*	12/23/2024	1938
7440-22-4	Silver	0.69	J*	12/23/2024	1938
7440-23-5	Sodium	410	U	12/23/2024	1938
7440-28-0	Thallium	2.1	U*	12/23/2024	1938
7440-62-2	Vanadium	15		12/23/2024	1938
7440-66-6	Zinc	140	*	12/23/2024	1938

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

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MBHM18

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM14
 Matrix: SOIL Lab Sample ID: P5090-05
 % Solids: 84 Date Received: 12/04/2024
 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	*	12/23/2024	1942
7440-36-0	Antimony	4.0	J*	12/23/2024	1942
7440-38-2	Arsenic	15	*	12/23/2024	1942
7440-39-3	Barium	260	*	12/23/2024	1942
7440-41-7	Beryllium	0.73		12/23/2024	1942
7440-43-9	Cadmium	1.0		12/23/2024	1942
7440-70-2	Calcium	9300	*	12/23/2024	1942
7440-47-3	Chromium	14	*	12/23/2024	1942
7440-48-4	Cobalt	13	*	12/23/2024	1942
7440-50-8	Copper	58	*	12/23/2024	1942
7439-89-6	Iron	18000	*	12/23/2024	1942
7439-92-1	Lead	550		12/23/2024	1942
7439-95-4	Magnesium	2600	*	12/23/2024	1942
7439-96-5	Manganese	1200	*	12/23/2024	1942
7440-02-0	Nickel	19		12/23/2024	1942
7440-09-7	Potassium	780		12/23/2024	1942
7782-49-2	Selenium	9.5	*	12/23/2024	1942
7440-22-4	Silver	0.98	J*	12/23/2024	1942
7440-23-5	Sodium	500	U	12/23/2024	1942
7440-28-0	Thallium	2.5	U*	12/23/2024	1942
7440-62-2	Vanadium	19		12/23/2024	1942
7440-66-6	Zinc	260	*	12/23/2024	1942

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

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MBHM19

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM14

Matrix: SOIL Lab Sample ID: P5090-06

% Solids: 85.2 Date Received: 12/04/2024

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	*	12/23/2024	1946
7440-36-0	Antimony	3.4	J*	12/23/2024	1946
7440-38-2	Arsenic	12	*	12/23/2024	1946
7440-39-3	Barium	110	*	12/23/2024	1946
7440-41-7	Beryllium	0.65		12/23/2024	1946
7440-43-9	Cadmium	0.73		12/23/2024	1946
7440-70-2	Calcium	7800	*	12/23/2024	1946
7440-47-3	Chromium	12	*	12/23/2024	1946
7440-48-4	Cobalt	12	*	12/23/2024	1946
7440-50-8	Copper	33	*	12/23/2024	1946
7439-89-6	Iron	16000	*	12/23/2024	1946
7439-92-1	Lead	110		12/23/2024	1946
7439-95-4	Magnesium	2600	*	12/23/2024	1946
7439-96-5	Manganese	1200	*	12/23/2024	1946
7440-02-0	Nickel	18		12/23/2024	1946
7440-09-7	Potassium	610		12/23/2024	1946
7782-49-2	Selenium	8.5	*	12/23/2024	1946
7440-22-4	Silver	0.79	J*	12/23/2024	1946
7440-23-5	Sodium	430	U	12/23/2024	1946
7440-28-0	Thallium	2.1	U*	12/23/2024	1946
7440-62-2	Vanadium	16		12/23/2024	1946
7440-66-6	Zinc	110	*	12/23/2024	1946

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

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MBHM20

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM14

Matrix: SOIL Lab Sample ID: P5090-07

% Solids: 92 Date Received: 12/04/2024

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	*	12/23/2024	1950
7440-36-0	Antimony	3.1	J*	12/23/2024	1950
7440-38-2	Arsenic	6.8	*	12/23/2024	1950
7440-39-3	Barium	56	*	12/23/2024	1950
7440-41-7	Beryllium	0.48		12/23/2024	1950
7440-43-9	Cadmium	0.39	J	12/23/2024	1950
7440-70-2	Calcium	27000	*	12/23/2024	1950
7440-47-3	Chromium	8.2	*	12/23/2024	1950
7440-48-4	Cobalt	10	*	12/23/2024	1950
7440-50-8	Copper	17	*	12/23/2024	1950
7439-89-6	Iron	14000	*	12/23/2024	1950
7439-92-1	Lead	29		12/23/2024	1950
7439-95-4	Magnesium	5000	*	12/23/2024	1950
7439-96-5	Manganese	870	*	12/23/2024	1950
7440-02-0	Nickel	15		12/23/2024	1950
7440-09-7	Potassium	400	J	12/23/2024	1950
7782-49-2	Selenium	5.8	*	12/23/2024	1950
7440-22-4	Silver	0.49	J*	12/23/2024	1950
7440-23-5	Sodium	440	U	12/23/2024	1950
7440-28-0	Thallium	2.2	U*	12/23/2024	1950
7440-62-2	Vanadium	14		12/23/2024	1950
7440-66-6	Zinc	46	*	12/23/2024	1950

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

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MBHM21

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM14

Matrix: SOIL Lab Sample ID: P5090-08

% Solids: 92.9 Date Received: 12/04/2024

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	4300	*	12/23/2024	1954
7440-36-0	Antimony	2.7	J*	12/23/2024	1954
7440-38-2	Arsenic	5.9	*	12/23/2024	1954
7440-39-3	Barium	46	*	12/23/2024	1954
7440-41-7	Beryllium	0.46		12/23/2024	1954
7440-43-9	Cadmium	0.36	J	12/23/2024	1954
7440-70-2	Calcium	47000	*	12/23/2024	1954
7440-47-3	Chromium	7.4	*	12/23/2024	1954
7440-48-4	Cobalt	9.6	*	12/23/2024	1954
7440-50-8	Copper	22	*	12/23/2024	1954
7439-89-6	Iron	13000	*	12/23/2024	1954
7439-92-1	Lead	35		12/23/2024	1954
7439-95-4	Magnesium	7700	*	12/23/2024	1954
7439-96-5	Manganese	680	*	12/23/2024	1954
7440-02-0	Nickel	13		12/23/2024	1954
7440-09-7	Potassium	480		12/23/2024	1954
7782-49-2	Selenium	4.5	*	12/23/2024	1954
7440-22-4	Silver	0.50	J*	12/23/2024	1954
7440-23-5	Sodium	440	U	12/23/2024	1954
7440-28-0	Thallium	2.2	U*	12/23/2024	1954
7440-62-2	Vanadium	13		12/23/2024	1954
7440-66-6	Zinc	47	*	12/23/2024	1954

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

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MBHM22

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM14

Matrix: SOIL Lab Sample ID: P5090-09

% Solids: 88.6 Date Received: 12/04/2024

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	*	12/23/2024	1958
7440-36-0	Antimony	3.2	J*	12/23/2024	1958
7440-38-2	Arsenic	16	*	12/23/2024	1958
7440-39-3	Barium	140	*	12/23/2024	1958
7440-41-7	Beryllium	0.60		12/23/2024	1958
7440-43-9	Cadmium	0.90		12/23/2024	1958
7440-70-2	Calcium	14000	*	12/23/2024	1958
7440-47-3	Chromium	16	*	12/23/2024	1958
7440-48-4	Cobalt	11	*	12/23/2024	1958
7440-50-8	Copper	33	*	12/23/2024	1958
7439-89-6	Iron	15000	*	12/23/2024	1958
7439-92-1	Lead	220		12/23/2024	1958
7439-95-4	Magnesium	4900	*	12/23/2024	1958
7439-96-5	Manganese	680	*	12/23/2024	1958
7440-02-0	Nickel	26		12/23/2024	1958
7440-09-7	Potassium	750		12/23/2024	1958
7782-49-2	Selenium	7.1	*	12/23/2024	1958
7440-22-4	Silver	0.61	J*	12/23/2024	1958
7440-23-5	Sodium	440	U	12/23/2024	1958
7440-28-0	Thallium	2.2	U*	12/23/2024	1958
7440-62-2	Vanadium	16		12/23/2024	1958
7440-66-6	Zinc	220	*	12/23/2024	1958

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

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MBHM23

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM14

Matrix: SOIL Lab Sample ID: P5090-10

% Solids: 89 Date Received: 12/04/2024

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	5900	*	12/23/2024	2001
7440-36-0	Antimony	4.9	J*	12/23/2024	2001
7440-38-2	Arsenic	29	*	12/23/2024	2001
7440-39-3	Barium	110	*	12/23/2024	2001
7440-41-7	Beryllium	0.80		12/23/2024	2001
7440-43-9	Cadmium	0.97		12/23/2024	2001
7440-70-2	Calcium	17000	*	12/23/2024	2001
7440-47-3	Chromium	15	*	12/23/2024	2001
7440-48-4	Cobalt	11	*	12/23/2024	2001
7440-50-8	Copper	29	*	12/23/2024	2001
7439-89-6	Iron	23000	*	12/23/2024	2001
7439-92-1	Lead	200		12/23/2024	2001
7439-95-4	Magnesium	5300	*	12/23/2024	2001
7439-96-5	Manganese	730	*	12/23/2024	2001
7440-02-0	Nickel	26		12/23/2024	2001
7440-09-7	Potassium	600		12/23/2024	2001
7782-49-2	Selenium	11	*	12/23/2024	2001
7440-22-4	Silver	0.88	J*	12/23/2024	2001
7440-23-5	Sodium	460	U	12/23/2024	2001
7440-28-0	Thallium	2.3	U*	12/23/2024	2001
7440-62-2	Vanadium	20		12/23/2024	2001
7440-66-6	Zinc	170	*	12/23/2024	2001

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

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MBHM24

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM14

Matrix: SOIL Lab Sample ID: P5090-11

% Solids: 89.9 Date Received: 12/04/2024

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	*	12/23/2024	2005
7440-36-0	Antimony	2.9	J*	12/23/2024	2005
7440-38-2	Arsenic	19	*	12/23/2024	2005
7440-39-3	Barium	100	*	12/23/2024	2005
7440-41-7	Beryllium	0.55		12/23/2024	2005
7440-43-9	Cadmium	0.71		12/23/2024	2005
7440-70-2	Calcium	27000	*	12/23/2024	2005
7440-47-3	Chromium	12	*	12/23/2024	2005
7440-48-4	Cobalt	11	*	12/23/2024	2005
7440-50-8	Copper	26	*	12/23/2024	2005
7439-89-6	Iron	14000	*	12/23/2024	2005
7439-92-1	Lead	140		12/23/2024	2005
7439-95-4	Magnesium	6200	*	12/23/2024	2005
7439-96-5	Manganese	870	*	12/23/2024	2005
7440-02-0	Nickel	20		12/23/2024	2005
7440-09-7	Potassium	560		12/23/2024	2005
7782-49-2	Selenium	5.8	*	12/23/2024	2005
7440-22-4	Silver	0.51	J*	12/23/2024	2005
7440-23-5	Sodium	490	U	12/23/2024	2005
7440-28-0	Thallium	2.4	U*	12/23/2024	2005
7440-62-2	Vanadium	16		12/23/2024	2005
7440-66-6	Zinc	120	*	12/23/2024	2005

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

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INORGANIC ANALYSIS DATA SHEET

MBHM25

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM14

Matrix: SOIL Lab Sample ID: P5090-12

% Solids: 88.1 Date Received: 12/04/2024

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	*	12/23/2024	2009
7440-36-0	Antimony	6.9	*	12/23/2024	2009
7440-38-2	Arsenic	23	*	12/23/2024	2009
7440-39-3	Barium	140	*	12/23/2024	2009
7440-41-7	Beryllium	0.99		12/23/2024	2009
7440-43-9	Cadmium	0.99		12/23/2024	2009
7440-70-2	Calcium	23000	*	12/23/2024	2009
7440-47-3	Chromium	11	*	12/23/2024	2009
7440-48-4	Cobalt	15	*	12/23/2024	2009
7440-50-8	Copper	39	*	12/23/2024	2009
7439-89-6	Iron	34000	*	12/23/2024	2009
7439-92-1	Lead	200		12/23/2024	2009
7439-95-4	Magnesium	4000	*	12/23/2024	2009
7439-96-5	Manganese	830	*	12/23/2024	2009
7440-02-0	Nickel	24		12/23/2024	2009
7440-09-7	Potassium	790		12/23/2024	2009
7782-49-2	Selenium	16	*	12/23/2024	2009
7440-22-4	Silver	1.3	*	12/23/2024	2009
7440-23-5	Sodium	460	U	12/23/2024	2009
7440-28-0	Thallium	2.3	U*	12/23/2024	2009
7440-62-2	Vanadium	17		12/23/2024	2009
7440-66-6	Zinc	140	*	12/23/2024	2009

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM26

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM14

Matrix: SOIL Lab Sample ID: P5090-15

% Solids: 84.6 Date Received: 12/04/2024

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	*	12/23/2024	2036
7440-36-0	Antimony	3.5	J*	12/23/2024	2036
7440-38-2	Arsenic	18	*	12/23/2024	2036
7440-39-3	Barium	130	*	12/23/2024	2036
7440-41-7	Beryllium	0.70		12/23/2024	2036
7440-43-9	Cadmium	0.76		12/23/2024	2036
7440-70-2	Calcium	6300	*	12/23/2024	2036
7440-47-3	Chromium	13	*	12/23/2024	2036
7440-48-4	Cobalt	11	*	12/23/2024	2036
7440-50-8	Copper	43	*	12/23/2024	2036
7439-89-6	Iron	16000	*	12/23/2024	2036
7439-92-1	Lead	220		12/23/2024	2036
7439-95-4	Magnesium	2100	*	12/23/2024	2036
7439-96-5	Manganese	880	*	12/23/2024	2036
7440-02-0	Nickel	15		12/23/2024	2036
7440-09-7	Potassium	720		12/23/2024	2036
7782-49-2	Selenium	8.7	*	12/23/2024	2036
7440-22-4	Silver	0.80	J*	12/23/2024	2036
7440-23-5	Sodium	440	U	12/23/2024	2036
7440-28-0	Thallium	2.2	U*	12/23/2024	2036
7440-62-2	Vanadium	17		12/23/2024	2036
7440-66-6	Zinc	130	*	12/23/2024	2036

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM27

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM14

Matrix: SOIL Lab Sample ID: P5090-16

% Solids: 85.8 Date Received: 12/04/2024

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	5900	*	12/23/2024	2040
7440-36-0	Antimony	3.2	J*	12/23/2024	2040
7440-38-2	Arsenic	15	*	12/23/2024	2040
7440-39-3	Barium	110	*	12/23/2024	2040
7440-41-7	Beryllium	0.61		12/23/2024	2040
7440-43-9	Cadmium	0.67		12/23/2024	2040
7440-70-2	Calcium	8400	*	12/23/2024	2040
7440-47-3	Chromium	9.7	*	12/23/2024	2040
7440-48-4	Cobalt	12	*	12/23/2024	2040
7440-50-8	Copper	29	*	12/23/2024	2040
7439-89-6	Iron	16000	*	12/23/2024	2040
7439-92-1	Lead	86		12/23/2024	2040
7439-95-4	Magnesium	2100	*	12/23/2024	2040
7439-96-5	Manganese	1100	*	12/23/2024	2040
7440-02-0	Nickel	15		12/23/2024	2040
7440-09-7	Potassium	500		12/23/2024	2040
7782-49-2	Selenium	8.3	*	12/23/2024	2040
7440-22-4	Silver	0.65	J*	12/23/2024	2040
7440-23-5	Sodium	410	U	12/23/2024	2040
7440-28-0	Thallium	2.1	U*	12/23/2024	2040
7440-62-2	Vanadium	15		12/23/2024	2040
7440-66-6	Zinc	77	*	12/23/2024	2040

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM28

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM14

Matrix: SOIL Lab Sample ID: P5090-17

% Solids: 87 Date Received: 12/04/2024

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	*	12/23/2024	2044
7440-36-0	Antimony	3.5	J*	12/23/2024	2044
7440-38-2	Arsenic	14	*	12/23/2024	2044
7440-39-3	Barium	95	*	12/23/2024	2044
7440-41-7	Beryllium	0.59		12/23/2024	2044
7440-43-9	Cadmium	0.63		12/23/2024	2044
7440-70-2	Calcium	5800	*	12/23/2024	2044
7440-47-3	Chromium	9.6	*	12/23/2024	2044
7440-48-4	Cobalt	13	*	12/23/2024	2044
7440-50-8	Copper	28	*	12/23/2024	2044
7439-89-6	Iron	17000	*	12/23/2024	2044
7439-92-1	Lead	50		12/23/2024	2044
7439-95-4	Magnesium	2900	*	12/23/2024	2044
7439-96-5	Manganese	1400	*	12/23/2024	2044
7440-02-0	Nickel	18		12/23/2024	2044
7440-09-7	Potassium	640		12/23/2024	2044
7782-49-2	Selenium	8.9	*	12/23/2024	2044
7440-22-4	Silver	0.76	J*	12/23/2024	2044
7440-23-5	Sodium	460	U	12/23/2024	2044
7440-28-0	Thallium	2.3	U*	12/23/2024	2044
7440-62-2	Vanadium	15		12/23/2024	2044
7440-66-6	Zinc	68	*	12/23/2024	2044

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM36

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM14

Matrix: SOIL Lab Sample ID: P5090-18

% Solids: 79 Date Received: 12/04/2024

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	*	12/23/2024	2048
7440-36-0	Antimony	3.5	J*	12/23/2024	2048
7440-38-2	Arsenic	15	*	12/23/2024	2048
7440-39-3	Barium	170	*	12/23/2024	2048
7440-41-7	Beryllium	0.63		12/23/2024	2048
7440-43-9	Cadmium	1.0		12/23/2024	2048
7440-70-2	Calcium	24000	*	12/23/2024	2048
7440-47-3	Chromium	17	*	12/23/2024	2048
7440-48-4	Cobalt	13	*	12/23/2024	2048
7440-50-8	Copper	56	*	12/23/2024	2048
7439-89-6	Iron	17000	*	12/23/2024	2048
7439-92-1	Lead	380		12/23/2024	2048
7439-95-4	Magnesium	5600	*	12/23/2024	2048
7439-96-5	Manganese	1200	*	12/23/2024	2048
7440-02-0	Nickel	19		12/23/2024	2048
7440-09-7	Potassium	700		12/23/2024	2048
7782-49-2	Selenium	7.1	*	12/23/2024	2048
7440-22-4	Silver	0.97	J*	12/23/2024	2048
7440-23-5	Sodium	540	U	12/23/2024	2048
7440-28-0	Thallium	2.7	U*	12/23/2024	2048
7440-62-2	Vanadium	16		12/23/2024	2048
7440-66-6	Zinc	450	*	12/23/2024	2048

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM37

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM14

Matrix: SOIL Lab Sample ID: P5090-19

% Solids: 92.4 Date Received: 12/04/2024

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	*	12/23/2024	2051
7440-36-0	Antimony	2.7	J*	12/23/2024	2051
7440-38-2	Arsenic	6.6	*	12/23/2024	2051
7440-39-3	Barium	63	*	12/23/2024	2051
7440-41-7	Beryllium	0.49		12/23/2024	2051
7440-43-9	Cadmium	0.39	J	12/23/2024	2051
7440-70-2	Calcium	26000	*	12/23/2024	2051
7440-47-3	Chromium	8.2	*	12/23/2024	2051
7440-48-4	Cobalt	10	*	12/23/2024	2051
7440-50-8	Copper	18	*	12/23/2024	2051
7439-89-6	Iron	13000	*	12/23/2024	2051
7439-92-1	Lead	36		12/23/2024	2051
7439-95-4	Magnesium	5300	*	12/23/2024	2051
7439-96-5	Manganese	890	*	12/23/2024	2051
7440-02-0	Nickel	15		12/23/2024	2051
7440-09-7	Potassium	270	J	12/23/2024	2051
7782-49-2	Selenium	5.2	*	12/23/2024	2051
7440-22-4	Silver	0.43	J*	12/23/2024	2051
7440-23-5	Sodium	450	U	12/23/2024	2051
7440-28-0	Thallium	2.3	U*	12/23/2024	2051
7440-62-2	Vanadium	12		12/23/2024	2051
7440-66-6	Zinc	55	*	12/23/2024	2051

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

Comments: