

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLQ3

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLQ3
 Matrix: SOIL Lab Sample ID: P5087-01
 % 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	4300	*	12/27/2024	2154
7440-36-0	Antimony	4.6	U*	12/27/2024	2154
7440-38-2	Arsenic	7.2		12/27/2024	2154
7440-39-3	Barium	47	*	12/27/2024	2154
7440-41-7	Beryllium	0.45	*	12/27/2024	2154
7440-43-9	Cadmium	0.23	J	12/27/2024	2154
7440-70-2	Calcium	26000	*	12/27/2024	2154
7440-47-3	Chromium	6.7	*	12/27/2024	2154
7440-48-4	Cobalt	10	*	12/27/2024	2154
7440-50-8	Copper	25	*	12/27/2024	2154
7439-89-6	Iron	12000	*	12/27/2024	2154
7439-92-1	Lead	14		12/27/2024	2154
7439-95-4	Magnesium	5400	*	12/27/2024	2154
7439-96-5	Manganese	960	*	12/27/2024	2154
7440-02-0	Nickel	14		12/27/2024	2154
7440-09-7	Potassium	640		12/27/2024	2154
7782-49-2	Selenium	5.2	*	12/27/2024	2154
7440-22-4	Silver	0.77	U*	12/27/2024	2154
7440-23-5	Sodium	380	U	12/27/2024	2154
7440-28-0	Thallium	1.9	U*	12/27/2024	2154
7440-62-2	Vanadium	10		12/27/2024	2154
7440-66-6	Zinc	36	*	12/27/2024	2154

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

Comments:

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MBHLY0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLQ3

Matrix: SOIL Lab Sample ID: P5087-02

% Solids: 77.8 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	7100	*	12/27/2024	2158
7440-36-0	Antimony	0.92	J*	12/27/2024	2158
7440-38-2	Arsenic	12		12/27/2024	2158
7440-39-3	Barium	130	*	12/27/2024	2158
7440-41-7	Beryllium	0.87	*	12/27/2024	2158
7440-43-9	Cadmium	0.65		12/27/2024	2158
7440-70-2	Calcium	11000	*	12/27/2024	2158
7440-47-3	Chromium	21	*	12/27/2024	2158
7440-48-4	Cobalt	13	*	12/27/2024	2158
7440-50-8	Copper	41	*	12/27/2024	2158
7439-89-6	Iron	18000	*	12/27/2024	2158
7439-92-1	Lead	280		12/27/2024	2158
7439-95-4	Magnesium	4000	*	12/27/2024	2158
7439-96-5	Manganese	1000	*	12/27/2024	2158
7440-02-0	Nickel	26		12/27/2024	2158
7440-09-7	Potassium	1700		12/27/2024	2158
7782-49-2	Selenium	9.1	*	12/27/2024	2158
7440-22-4	Silver	1.0	U*	12/27/2024	2158
7440-23-5	Sodium	500	U	12/27/2024	2158
7440-28-0	Thallium	2.5	U*	12/27/2024	2158
7440-62-2	Vanadium	20		12/27/2024	2158
7440-66-6	Zinc	160	*	12/27/2024	2158

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

Comments:

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MBHLY1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLQ3

Matrix: SOIL Lab Sample ID: P5087-03

% Solids: 84.1 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	6000	*	12/27/2024	2202
7440-36-0	Antimony	0.76	J*	12/27/2024	2202
7440-38-2	Arsenic	18		12/27/2024	2202
7440-39-3	Barium	120	*	12/27/2024	2202
7440-41-7	Beryllium	0.79	*	12/27/2024	2202
7440-43-9	Cadmium	0.75		12/27/2024	2202
7440-70-2	Calcium	12000	*	12/27/2024	2202
7440-47-3	Chromium	15	*	12/27/2024	2202
7440-48-4	Cobalt	12	*	12/27/2024	2202
7440-50-8	Copper	40	*	12/27/2024	2202
7439-89-6	Iron	17000	*	12/27/2024	2202
7439-92-1	Lead	370		12/27/2024	2202
7439-95-4	Magnesium	4000	*	12/27/2024	2202
7439-96-5	Manganese	930	*	12/27/2024	2202
7440-02-0	Nickel	24		12/27/2024	2202
7440-09-7	Potassium	780		12/27/2024	2202
7782-49-2	Selenium	8.9	*	12/27/2024	2202
7440-22-4	Silver	0.96	U*	12/27/2024	2202
7440-23-5	Sodium	480	U	12/27/2024	2202
7440-28-0	Thallium	2.4	U*	12/27/2024	2202
7440-62-2	Vanadium	17		12/27/2024	2202
7440-66-6	Zinc	160	*	12/27/2024	2202

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

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MBHLY2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLQ3

Matrix: SOIL Lab Sample ID: P5087-04

% Solids: 82.3 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	4900	*	12/27/2024	2206
7440-36-0	Antimony	5.7	U*	12/27/2024	2206
7440-38-2	Arsenic	19		12/27/2024	2206
7440-39-3	Barium	110	*	12/27/2024	2206
7440-41-7	Beryllium	0.66	*	12/27/2024	2206
7440-43-9	Cadmium	0.53		12/27/2024	2206
7440-70-2	Calcium	17000	*	12/27/2024	2206
7440-47-3	Chromium	11	*	12/27/2024	2206
7440-48-4	Cobalt	10	*	12/27/2024	2206
7440-50-8	Copper	42	*	12/27/2024	2206
7439-89-6	Iron	13000	*	12/27/2024	2206
7439-92-1	Lead	430		12/27/2024	2206
7439-95-4	Magnesium	3700	*	12/27/2024	2206
7439-96-5	Manganese	770	*	12/27/2024	2206
7440-02-0	Nickel	16		12/27/2024	2206
7440-09-7	Potassium	550		12/27/2024	2206
7782-49-2	Selenium	6.9	*	12/27/2024	2206
7440-22-4	Silver	0.94	U*	12/27/2024	2206
7440-23-5	Sodium	470	U	12/27/2024	2206
7440-28-0	Thallium	2.4	U*	12/27/2024	2206
7440-62-2	Vanadium	15		12/27/2024	2206
7440-66-6	Zinc	190	*	12/27/2024	2206

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

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MBHLY3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLQ3

Matrix: SOIL Lab Sample ID: P5087-05

% Solids: 75.8 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	5200	*	12/27/2024	2209
7440-36-0	Antimony	6.5	U*	12/27/2024	2209
7440-38-2	Arsenic	21		12/27/2024	2209
7440-39-3	Barium	130	*	12/27/2024	2209
7440-41-7	Beryllium	0.72	*	12/27/2024	2209
7440-43-9	Cadmium	0.33	J	12/27/2024	2209
7440-70-2	Calcium	8400	*	12/27/2024	2209
7440-47-3	Chromium	8.4	*	12/27/2024	2209
7440-48-4	Cobalt	9.9	*	12/27/2024	2209
7440-50-8	Copper	60	*	12/27/2024	2209
7439-89-6	Iron	13000	*	12/27/2024	2209
7439-92-1	Lead	100		12/27/2024	2209
7439-95-4	Magnesium	1600	*	12/27/2024	2209
7439-96-5	Manganese	700	*	12/27/2024	2209
7440-02-0	Nickel	13		12/27/2024	2209
7440-09-7	Potassium	490	J	12/27/2024	2209
7782-49-2	Selenium	8.0	*	12/27/2024	2209
7440-22-4	Silver	1.1	U*	12/27/2024	2209
7440-23-5	Sodium	550	U	12/27/2024	2209
7440-28-0	Thallium	2.7	U*	12/27/2024	2209
7440-62-2	Vanadium	26		12/27/2024	2209
7440-66-6	Zinc	83	*	12/27/2024	2209

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

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MBHLY4

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLQ3
 Matrix: SOIL Lab Sample ID: P5087-06
 % Solids: 77.2 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	7500	*	12/27/2024	1626
7440-36-0	Antimony	1.2	J*	12/27/2024	1626
7440-38-2	Arsenic	12		12/27/2024	1626
7440-39-3	Barium	100	*	12/27/2024	1626
7440-41-7	Beryllium	0.76	*	12/27/2024	1626
7440-43-9	Cadmium	0.36	J	12/27/2024	1626
7440-70-2	Calcium	5800	*	12/27/2024	1626
7440-47-3	Chromium	12	*	12/27/2024	1626
7440-48-4	Cobalt	10	*	12/27/2024	1626
7440-50-8	Copper	38	*	12/27/2024	1626
7439-89-6	Iron	17000	*	12/27/2024	1626
7439-92-1	Lead	45		12/27/2024	1626
7439-95-4	Magnesium	2600	*	12/27/2024	1626
7439-96-5	Manganese	870	*	12/27/2024	1626
7440-02-0	Nickel	17		12/27/2024	1626
7440-09-7	Potassium	530		12/27/2024	1626
7782-49-2	Selenium	9.2	*	12/27/2024	1626
7440-22-4	Silver	1.0	U*	12/27/2024	1626
7440-23-5	Sodium	510	U	12/27/2024	1626
7440-28-0	Thallium	2.6	U*	12/27/2024	1626
7440-62-2	Vanadium	17		12/27/2024	1626
7440-66-6	Zinc	83	*	12/27/2024	1626

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

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MBHLY5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLQ3

Matrix: SOIL Lab Sample ID: P5087-09

% Solids: 80.9 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	7200	*	12/27/2024	2213
7440-36-0	Antimony	0.95	J*	12/27/2024	2213
7440-38-2	Arsenic	8.4		12/27/2024	2213
7440-39-3	Barium	77	*	12/27/2024	2213
7440-41-7	Beryllium	0.74	*	12/27/2024	2213
7440-43-9	Cadmium	0.26	J	12/27/2024	2213
7440-70-2	Calcium	4400	*	12/27/2024	2213
7440-47-3	Chromium	12	*	12/27/2024	2213
7440-48-4	Cobalt	9.6	*	12/27/2024	2213
7440-50-8	Copper	28	*	12/27/2024	2213
7439-89-6	Iron	16000	*	12/27/2024	2213
7439-92-1	Lead	21		12/27/2024	2213
7439-95-4	Magnesium	2600	*	12/27/2024	2213
7439-96-5	Manganese	600	*	12/27/2024	2213
7440-02-0	Nickel	17		12/27/2024	2213
7440-09-7	Potassium	430	J	12/27/2024	2213
7782-49-2	Selenium	8.3	*	12/27/2024	2213
7440-22-4	Silver	0.95	U*	12/27/2024	2213
7440-23-5	Sodium	480	U	12/27/2024	2213
7440-28-0	Thallium	2.4	U*	12/27/2024	2213
7440-62-2	Vanadium	14		12/27/2024	2213
7440-66-6	Zinc	77	*	12/27/2024	2213

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

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MBHLY6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLQ3

Matrix: SOIL Lab Sample ID: P5087-10

% Solids: 87.7 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	5800	*	12/27/2024	2217
7440-36-0	Antimony	1.2	J*	12/27/2024	2217
7440-38-2	Arsenic	9.6		12/27/2024	2217
7440-39-3	Barium	94	*	12/27/2024	2217
7440-41-7	Beryllium	0.62	*	12/27/2024	2217
7440-43-9	Cadmium	0.30	J	12/27/2024	2217
7440-70-2	Calcium	8500	*	12/27/2024	2217
7440-47-3	Chromium	9.4	*	12/27/2024	2217
7440-48-4	Cobalt	11	*	12/27/2024	2217
7440-50-8	Copper	22	*	12/27/2024	2217
7439-89-6	Iron	17000	*	12/27/2024	2217
7439-92-1	Lead	17		12/27/2024	2217
7439-95-4	Magnesium	3300	*	12/27/2024	2217
7439-96-5	Manganese	1200	*	12/27/2024	2217
7440-02-0	Nickel	17		12/27/2024	2217
7440-09-7	Potassium	430	J	12/27/2024	2217
7782-49-2	Selenium	9.6	*	12/27/2024	2217
7440-22-4	Silver	0.90	U*	12/27/2024	2217
7440-23-5	Sodium	450	U	12/27/2024	2217
7440-28-0	Thallium	2.2	U*	12/27/2024	2217
7440-62-2	Vanadium	14		12/27/2024	2217
7440-66-6	Zinc	60	*	12/27/2024	2217

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

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MBHLY7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLQ3

Matrix: SOIL Lab Sample ID: P5087-11

% Solids: 73.5 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	9300	*	12/27/2024	2221
7440-36-0	Antimony	0.92	J*	12/27/2024	2221
7440-38-2	Arsenic	15		12/27/2024	2221
7440-39-3	Barium	120	*	12/27/2024	2221
7440-41-7	Beryllium	0.85	*	12/27/2024	2221
7440-43-9	Cadmium	0.92		12/27/2024	2221
7440-70-2	Calcium	11000	*	12/27/2024	2221
7440-47-3	Chromium	21	*	12/27/2024	2221
7440-48-4	Cobalt	19	*	12/27/2024	2221
7440-50-8	Copper	44	*	12/27/2024	2221
7439-89-6	Iron	20000	*	12/27/2024	2221
7439-92-1	Lead	270		12/27/2024	2221
7439-95-4	Magnesium	4400	*	12/27/2024	2221
7439-96-5	Manganese	950	*	12/27/2024	2221
7440-02-0	Nickel	26		12/27/2024	2221
7440-09-7	Potassium	1300		12/27/2024	2221
7782-49-2	Selenium	10	*	12/27/2024	2221
7440-22-4	Silver	1.2	U*	12/27/2024	2221
7440-23-5	Sodium	590	U	12/27/2024	2221
7440-28-0	Thallium	2.9	U*	12/27/2024	2221
7440-62-2	Vanadium	22		12/27/2024	2221
7440-66-6	Zinc	220	*	12/27/2024	2221

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

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MBHLY8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLQ3

Matrix: SOIL Lab Sample ID: P5087-12

% Solids: 78.7 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	6200	*	12/27/2024	2225
7440-36-0	Antimony	6.5	U*	12/27/2024	2225
7440-38-2	Arsenic	15		12/27/2024	2225
7440-39-3	Barium	110	*	12/27/2024	2225
7440-41-7	Beryllium	0.74	*	12/27/2024	2225
7440-43-9	Cadmium	0.81		12/27/2024	2225
7440-70-2	Calcium	15000	*	12/27/2024	2225
7440-47-3	Chromium	16	*	12/27/2024	2225
7440-48-4	Cobalt	12	*	12/27/2024	2225
7440-50-8	Copper	34	*	12/27/2024	2225
7439-89-6	Iron	17000	*	12/27/2024	2225
7439-92-1	Lead	260		12/27/2024	2225
7439-95-4	Magnesium	4700	*	12/27/2024	2225
7439-96-5	Manganese	900	*	12/27/2024	2225
7440-02-0	Nickel	25		12/27/2024	2225
7440-09-7	Potassium	890		12/27/2024	2225
7782-49-2	Selenium	7.6	*	12/27/2024	2225
7440-22-4	Silver	1.1	U*	12/27/2024	2225
7440-23-5	Sodium	540	U	12/27/2024	2225
7440-28-0	Thallium	2.7	U*	12/27/2024	2225
7440-62-2	Vanadium	17		12/27/2024	2225
7440-66-6	Zinc	150	*	12/27/2024	2225

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

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MBHLY9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLQ3

Matrix: SOIL Lab Sample ID: P5087-13

% Solids: 83.8 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	5300	*	12/27/2024	2229
7440-36-0	Antimony	4.9	U*	12/27/2024	2229
7440-38-2	Arsenic	20		12/27/2024	2229
7440-39-3	Barium	130	*	12/27/2024	2229
7440-41-7	Beryllium	0.63	*	12/27/2024	2229
7440-43-9	Cadmium	0.87		12/27/2024	2229
7440-70-2	Calcium	22000	*	12/27/2024	2229
7440-47-3	Chromium	9.2	*	12/27/2024	2229
7440-48-4	Cobalt	12	*	12/27/2024	2229
7440-50-8	Copper	58	*	12/27/2024	2229
7439-89-6	Iron	15000	*	12/27/2024	2229
7439-92-1	Lead	350		12/27/2024	2229
7439-95-4	Magnesium	4500	*	12/27/2024	2229
7439-96-5	Manganese	1300	*	12/27/2024	2229
7440-02-0	Nickel	22		12/27/2024	2229
7440-09-7	Potassium	630		12/27/2024	2229
7782-49-2	Selenium	7.0	*	12/27/2024	2229
7440-22-4	Silver	0.82	U*	12/27/2024	2229
7440-23-5	Sodium	410	U	12/27/2024	2229
7440-28-0	Thallium	2.0	U*	12/27/2024	2229
7440-62-2	Vanadium	14		12/27/2024	2229
7440-66-6	Zinc	130	*	12/27/2024	2229

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLZ0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLQ3

Matrix: SOIL Lab Sample ID: P5087-14

% Solids: 80.4 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	6000	*	12/27/2024	2233
7440-36-0	Antimony	0.52	J*	12/27/2024	2233
7440-38-2	Arsenic	21		12/27/2024	2233
7440-39-3	Barium	170	*	12/27/2024	2233
7440-41-7	Beryllium	0.82	*	12/27/2024	2233
7440-43-9	Cadmium	0.71		12/27/2024	2233
7440-70-2	Calcium	22000	*	12/27/2024	2233
7440-47-3	Chromium	11	*	12/27/2024	2233
7440-48-4	Cobalt	13	*	12/27/2024	2233
7440-50-8	Copper	42	*	12/27/2024	2233
7439-89-6	Iron	20000	*	12/27/2024	2233
7439-92-1	Lead	220		12/27/2024	2233
7439-95-4	Magnesium	5000	*	12/27/2024	2233
7439-96-5	Manganese	1500	*	12/27/2024	2233
7440-02-0	Nickel	19		12/27/2024	2233
7440-09-7	Potassium	690		12/27/2024	2233
7782-49-2	Selenium	10	*	12/27/2024	2233
7440-22-4	Silver	1.1	U*	12/27/2024	2233
7440-23-5	Sodium	560	U	12/27/2024	2233
7440-28-0	Thallium	2.8	U*	12/27/2024	2233
7440-62-2	Vanadium	20		12/27/2024	2233
7440-66-6	Zinc	130	*	12/27/2024	2233

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLZ1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLQ3

Matrix: SOIL Lab Sample ID: P5087-15

% Solids: 82.7 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	4800	*	12/27/2024	2236
7440-36-0	Antimony	4.9	U*	12/27/2024	2236
7440-38-2	Arsenic	14		12/27/2024	2236
7440-39-3	Barium	110	*	12/27/2024	2236
7440-41-7	Beryllium	0.60	*	12/27/2024	2236
7440-43-9	Cadmium	0.56		12/27/2024	2236
7440-70-2	Calcium	55000	*	12/27/2024	2236
7440-47-3	Chromium	8.5	*	12/27/2024	2236
7440-48-4	Cobalt	12	*	12/27/2024	2236
7440-50-8	Copper	32	*	12/27/2024	2236
7439-89-6	Iron	15000	*	12/27/2024	2236
7439-92-1	Lead	170		12/27/2024	2236
7439-95-4	Magnesium	5300	*	12/27/2024	2236
7439-96-5	Manganese	1300	*	12/27/2024	2236
7440-02-0	Nickel	17		12/27/2024	2236
7440-09-7	Potassium	530		12/27/2024	2236
7782-49-2	Selenium	6.8	*	12/27/2024	2236
7440-22-4	Silver	0.81	U*	12/27/2024	2236
7440-23-5	Sodium	410	U	12/27/2024	2236
7440-28-0	Thallium	2.0	U*	12/27/2024	2236
7440-62-2	Vanadium	13		12/27/2024	2236
7440-66-6	Zinc	110	*	12/27/2024	2236

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLZ2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLQ3

Matrix: SOIL Lab Sample ID: P5087-16

% Solids: 80.2 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	5700	*	12/27/2024	2240
7440-36-0	Antimony	5.5	U*	12/27/2024	2240
7440-38-2	Arsenic	13		12/27/2024	2240
7440-39-3	Barium	150	*	12/27/2024	2240
7440-41-7	Beryllium	0.59	*	12/27/2024	2240
7440-43-9	Cadmium	0.62		12/27/2024	2240
7440-70-2	Calcium	20000	*	12/27/2024	2240
7440-47-3	Chromium	9.9	*	12/27/2024	2240
7440-48-4	Cobalt	14	*	12/27/2024	2240
7440-50-8	Copper	30	*	12/27/2024	2240
7439-89-6	Iron	15000	*	12/27/2024	2240
7439-92-1	Lead	71		12/27/2024	2240
7439-95-4	Magnesium	4500	*	12/27/2024	2240
7439-96-5	Manganese	1700	*	12/27/2024	2240
7440-02-0	Nickel	18		12/27/2024	2240
7440-09-7	Potassium	620		12/27/2024	2240
7782-49-2	Selenium	7.4	*	12/27/2024	2240
7440-22-4	Silver	0.92	U*	12/27/2024	2240
7440-23-5	Sodium	460	U	12/27/2024	2240
7440-28-0	Thallium	2.3	U*	12/27/2024	2240
7440-62-2	Vanadium	13		12/27/2024	2240
7440-66-6	Zinc	99	*	12/27/2024	2240

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLZ3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLQ3

Matrix: SOIL Lab Sample ID: P5087-17

% Solids: 88.5 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	*	12/27/2024	2244
7440-36-0	Antimony	6.2	U*	12/27/2024	2244
7440-38-2	Arsenic	6.7		12/27/2024	2244
7440-39-3	Barium	56	*	12/27/2024	2244
7440-41-7	Beryllium	0.48	J*	12/27/2024	2244
7440-43-9	Cadmium	0.23	J	12/27/2024	2244
7440-70-2	Calcium	46000	*	12/27/2024	2244
7440-47-3	Chromium	6.7	*	12/27/2024	2244
7440-48-4	Cobalt	10	*	12/27/2024	2244
7440-50-8	Copper	26	*	12/27/2024	2244
7439-89-6	Iron	12000	*	12/27/2024	2244
7439-92-1	Lead	26		12/27/2024	2244
7439-95-4	Magnesium	11000	*	12/27/2024	2244
7439-96-5	Manganese	810	*	12/27/2024	2244
7440-02-0	Nickel	12		12/27/2024	2244
7440-09-7	Potassium	460	J	12/27/2024	2244
7782-49-2	Selenium	3.6	*	12/27/2024	2244
7440-22-4	Silver	1.0	U*	12/27/2024	2244
7440-23-5	Sodium	510	U	12/27/2024	2244
7440-28-0	Thallium	2.6	U*	12/27/2024	2244
7440-62-2	Vanadium	11		12/27/2024	2244
7440-66-6	Zinc	52	*	12/27/2024	2244

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM34

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLQ3

Matrix: SOIL Lab Sample ID: P5087-18

% Solids: 85 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	2500	*	12/27/2024	2248
7440-36-0	Antimony	6.0	U*	12/27/2024	2248
7440-38-2	Arsenic	11		12/27/2024	2248
7440-39-3	Barium	110	*	12/27/2024	2248
7440-41-7	Beryllium	0.55	*	12/27/2024	2248
7440-43-9	Cadmium	0.25	J	12/27/2024	2248
7440-70-2	Calcium	160000	D*	01/04/2025	0152
7440-47-3	Chromium	4.5	*	12/27/2024	2248
7440-48-4	Cobalt	11	*	12/27/2024	2248
7440-50-8	Copper	13	*	12/27/2024	2248
7439-89-6	Iron	17000	*	12/27/2024	2248
7439-92-1	Lead	37		12/27/2024	2248
7439-95-4	Magnesium	31000	*	12/27/2024	2248
7439-96-5	Manganese	980	*	12/27/2024	2248
7440-02-0	Nickel	14		12/27/2024	2248
7440-09-7	Potassium	530		12/27/2024	2248
7782-49-2	Selenium	6.5	*	12/27/2024	2248
7440-22-4	Silver	1.0	U*	12/27/2024	2248
7440-23-5	Sodium	110	J	12/27/2024	2248
7440-28-0	Thallium	2.5	U*	12/27/2024	2248
7440-62-2	Vanadium	8.1		12/27/2024	2248
7440-66-6	Zinc	25	*	12/27/2024	2248

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM35

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLQ3

Matrix: SOIL Lab Sample ID: P5087-19

% Solids: 81 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	*	12/27/2024	2252
7440-36-0	Antimony	6.6	U*	12/27/2024	2252
7440-38-2	Arsenic	11		12/27/2024	2252
7440-39-3	Barium	95	*	12/27/2024	2252
7440-41-7	Beryllium	0.61	*	12/27/2024	2252
7440-43-9	Cadmium	0.42	J	12/27/2024	2252
7440-70-2	Calcium	23000	*	12/27/2024	2252
7440-47-3	Chromium	9.3	*	12/27/2024	2252
7440-48-4	Cobalt	11	*	12/27/2024	2252
7440-50-8	Copper	27	*	12/27/2024	2252
7439-89-6	Iron	15000	*	12/27/2024	2252
7439-92-1	Lead	78		12/27/2024	2252
7439-95-4	Magnesium	4100	*	12/27/2024	2252
7439-96-5	Manganese	1000	*	12/27/2024	2252
7440-02-0	Nickel	15		12/27/2024	2252
7440-09-7	Potassium	580		12/27/2024	2252
7782-49-2	Selenium	6.4	*	12/27/2024	2252
7440-22-4	Silver	1.1	U*	12/27/2024	2252
7440-23-5	Sodium	550	U	12/27/2024	2252
7440-28-0	Thallium	2.8	U*	12/27/2024	2252
7440-62-2	Vanadium	13		12/27/2024	2252
7440-66-6	Zinc	93	*	12/27/2024	2252

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

Comments: