

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJQ0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJQ0

Matrix: SOIL Lab Sample ID: P5009-01

% Solids: 81.1 Date Received: 11/26/2024

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	9500	*	12/20/2024	2101
7440-36-0	Antimony	2.9	J*	12/20/2024	2101
7440-38-2	Arsenic	11	*	12/20/2024	2101
7440-39-3	Barium	130	*	12/20/2024	2101
7440-41-7	Beryllium	0.94		12/20/2024	2101
7440-43-9	Cadmium	1.2		12/20/2024	2101
7440-70-2	Calcium	6700	*	12/20/2024	2101
7440-47-3	Chromium	17	*	12/20/2024	2101
7440-48-4	Cobalt	12	*	12/20/2024	2101
7440-50-8	Copper	26	*	12/20/2024	2101
7439-89-6	Iron	17000	*	12/20/2024	2101
7439-92-1	Lead	110	*	12/20/2024	2101
7439-95-4	Magnesium	3200	*	12/20/2024	2101
7439-96-5	Manganese	590	*	12/20/2024	2101
7440-02-0	Nickel	26	*	12/20/2024	2101
7440-09-7	Potassium	1300		12/20/2024	2101
7782-49-2	Selenium	8.0	*	12/20/2024	2101
7440-22-4	Silver	1.5	*	12/20/2024	2101
7440-23-5	Sodium	520	U	12/20/2024	2101
7440-28-0	Thallium	2.6	U*	12/20/2024	2101
7440-62-2	Vanadium	18		12/20/2024	2101
7440-66-6	Zinc	190	*	12/20/2024	2101

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

Comments:

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MBHJQ1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJQ0

Matrix: SOIL Lab Sample ID: P5009-02

% Solids: 81.5 Date Received: 11/26/2024

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	9700	*	12/20/2024	2105
7440-36-0	Antimony	2.8	J*	12/20/2024	2105
7440-38-2	Arsenic	7.7	*	12/20/2024	2105
7440-39-3	Barium	88	*	12/20/2024	2105
7440-41-7	Beryllium	0.85		12/20/2024	2105
7440-43-9	Cadmium	0.75		12/20/2024	2105
7440-70-2	Calcium	4800	*	12/20/2024	2105
7440-47-3	Chromium	18	*	12/20/2024	2105
7440-48-4	Cobalt	11	*	12/20/2024	2105
7440-50-8	Copper	13	*	12/20/2024	2105
7439-89-6	Iron	16000	*	12/20/2024	2105
7439-92-1	Lead	33	*	12/20/2024	2105
7439-95-4	Magnesium	3400	*	12/20/2024	2105
7439-96-5	Manganese	360	*	12/20/2024	2105
7440-02-0	Nickel	26	*	12/20/2024	2105
7440-09-7	Potassium	910		12/20/2024	2105
7782-49-2	Selenium	7.4	*	12/20/2024	2105
7440-22-4	Silver	1.2	*	12/20/2024	2105
7440-23-5	Sodium	430	U	12/20/2024	2105
7440-28-0	Thallium	2.2	U*	12/20/2024	2105
7440-62-2	Vanadium	15		12/20/2024	2105
7440-66-6	Zinc	180	*	12/20/2024	2105

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

Comments:

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MBHJQ2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJQ0

Matrix: SOIL Lab Sample ID: P5009-03

% Solids: 82.5 Date Received: 11/26/2024

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	8500	*	12/20/2024	2109
7440-36-0	Antimony	2.9	J*	12/20/2024	2109
7440-38-2	Arsenic	7.9	*	12/20/2024	2109
7440-39-3	Barium	110	*	12/20/2024	2109
7440-41-7	Beryllium	0.73		12/20/2024	2109
7440-43-9	Cadmium	1.1		12/20/2024	2109
7440-70-2	Calcium	8500	*	12/20/2024	2109
7440-47-3	Chromium	15	*	12/20/2024	2109
7440-48-4	Cobalt	12	*	12/20/2024	2109
7440-50-8	Copper	11	*	12/20/2024	2109
7439-89-6	Iron	17000	*	12/20/2024	2109
7439-92-1	Lead	29	*	12/20/2024	2109
7439-95-4	Magnesium	3500	*	12/20/2024	2109
7439-96-5	Manganese	1100	*	12/20/2024	2109
7440-02-0	Nickel	25	*	12/20/2024	2109
7440-09-7	Potassium	870		12/20/2024	2109
7782-49-2	Selenium	8.3	*	12/20/2024	2109
7440-22-4	Silver	1.4	*	12/20/2024	2109
7440-23-5	Sodium	470	U	12/20/2024	2109
7440-28-0	Thallium	2.4	U*	12/20/2024	2109
7440-62-2	Vanadium	18		12/20/2024	2109
7440-66-6	Zinc	150	*	12/20/2024	2109

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

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MBHJQ3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJQ0

Matrix: SOIL Lab Sample ID: P5009-04

% Solids: 86.5 Date Received: 11/26/2024

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	*	12/20/2024	2112
7440-36-0	Antimony	1.8	J*	12/20/2024	2112
7440-38-2	Arsenic	6.7	*	12/20/2024	2112
7440-39-3	Barium	68	*	12/20/2024	2112
7440-41-7	Beryllium	0.49		12/20/2024	2112
7440-43-9	Cadmium	0.55		12/20/2024	2112
7440-70-2	Calcium	20000	*	12/20/2024	2112
7440-47-3	Chromium	9.5	*	12/20/2024	2112
7440-48-4	Cobalt	11	*	12/20/2024	2112
7440-50-8	Copper	13	*	12/20/2024	2112
7439-89-6	Iron	13000	*	12/20/2024	2112
7439-92-1	Lead	16	*	12/20/2024	2112
7439-95-4	Magnesium	8100	*	12/20/2024	2112
7439-96-5	Manganese	1000	*	12/20/2024	2112
7440-02-0	Nickel	18	*	12/20/2024	2112
7440-09-7	Potassium	630		12/20/2024	2112
7782-49-2	Selenium	5.4	*	12/20/2024	2112
7440-22-4	Silver	1.1	*	12/20/2024	2112
7440-23-5	Sodium	120	J	12/20/2024	2112
7440-28-0	Thallium	2.1	U*	12/20/2024	2112
7440-62-2	Vanadium	13		12/20/2024	2112
7440-66-6	Zinc	59	*	12/20/2024	2112

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

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MBHJR8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJQ0

Matrix: SOIL Lab Sample ID: P5009-07

% Solids: 71.3 Date Received: 11/26/2024

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	7400	*	12/20/2024	2128
7440-36-0	Antimony	2.1	J*	12/20/2024	2128
7440-38-2	Arsenic	8.3	*	12/20/2024	2128
7440-39-3	Barium	110	*	12/20/2024	2128
7440-41-7	Beryllium	0.71		12/20/2024	2128
7440-43-9	Cadmium	0.72		12/20/2024	2128
7440-70-2	Calcium	8800	*	12/20/2024	2128
7440-47-3	Chromium	14	*	12/20/2024	2128
7440-48-4	Cobalt	10	*	12/20/2024	2128
7440-50-8	Copper	26	*	12/20/2024	2128
7439-89-6	Iron	14000	*	12/20/2024	2128
7439-92-1	Lead	120	*	12/20/2024	2128
7439-95-4	Magnesium	3500	*	12/20/2024	2128
7439-96-5	Manganese	580	*	12/20/2024	2128
7440-02-0	Nickel	21	*	12/20/2024	2128
7440-09-7	Potassium	970		12/20/2024	2128
7782-49-2	Selenium	6.4	*	12/20/2024	2128
7440-22-4	Silver	1.2	*	12/20/2024	2128
7440-23-5	Sodium	560	U	12/20/2024	2128
7440-28-0	Thallium	2.8	U*	12/20/2024	2128
7440-62-2	Vanadium	15		12/20/2024	2128
7440-66-6	Zinc	210	*	12/20/2024	2128

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

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MBHJR9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJQ0

Matrix: SOIL Lab Sample ID: P5009-08

% Solids: 81.5 Date Received: 11/26/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6300	*	12/20/2024	2132
7440-36-0	Antimony	2.6	J*	12/20/2024	2132
7440-38-2	Arsenic	10	*	12/20/2024	2132
7440-39-3	Barium	94	*	12/20/2024	2132
7440-41-7	Beryllium	0.69		12/20/2024	2132
7440-43-9	Cadmium	0.75		12/20/2024	2132
7440-70-2	Calcium	7700	*	12/20/2024	2132
7440-47-3	Chromium	12	*	12/20/2024	2132
7440-48-4	Cobalt	9.4	*	12/20/2024	2132
7440-50-8	Copper	25	*	12/20/2024	2132
7439-89-6	Iron	15000	*	12/20/2024	2132
7439-92-1	Lead	120	*	12/20/2024	2132
7439-95-4	Magnesium	3000	*	12/20/2024	2132
7439-96-5	Manganese	540	*	12/20/2024	2132
7440-02-0	Nickel	20	*	12/20/2024	2132
7440-09-7	Potassium	760		12/20/2024	2132
7782-49-2	Selenium	7.1	*	12/20/2024	2132
7440-22-4	Silver	1.3	*	12/20/2024	2132
7440-23-5	Sodium	440	U	12/20/2024	2132
7440-28-0	Thallium	2.2	U*	12/20/2024	2132
7440-62-2	Vanadium	15		12/20/2024	2132
7440-66-6	Zinc	190	*	12/20/2024	2132

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

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MBHJS0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJQ0

Matrix: SOIL Lab Sample ID: P5009-09

% Solids: 80.2 Date Received: 11/26/2024

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	7900	*	12/20/2024	2136
7440-36-0	Antimony	2.1	J*	12/20/2024	2136
7440-38-2	Arsenic	9.1	*	12/20/2024	2136
7440-39-3	Barium	96	*	12/20/2024	2136
7440-41-7	Beryllium	0.73		12/20/2024	2136
7440-43-9	Cadmium	0.75		12/20/2024	2136
7440-70-2	Calcium	12000	*	12/20/2024	2136
7440-47-3	Chromium	14	*	12/20/2024	2136
7440-48-4	Cobalt	10	*	12/20/2024	2136
7440-50-8	Copper	25	*	12/20/2024	2136
7439-89-6	Iron	14000	*	12/20/2024	2136
7439-92-1	Lead	110	*	12/20/2024	2136
7439-95-4	Magnesium	3100	*	12/20/2024	2136
7439-96-5	Manganese	550	*	12/20/2024	2136
7440-02-0	Nickel	20	*	12/20/2024	2136
7440-09-7	Potassium	830		12/20/2024	2136
7782-49-2	Selenium	6.1	*	12/20/2024	2136
7440-22-4	Silver	1.3	*	12/20/2024	2136
7440-23-5	Sodium	510	U	12/20/2024	2136
7440-28-0	Thallium	2.6	U*	12/20/2024	2136
7440-62-2	Vanadium	15		12/20/2024	2136
7440-66-6	Zinc	170	*	12/20/2024	2136

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

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MBHJS1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJQ0

Matrix: SOIL Lab Sample ID: P5009-10

% Solids: 79.3 Date Received: 11/26/2024

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	8900	*	12/20/2024	2139
7440-36-0	Antimony	2.5	J*	12/20/2024	2139
7440-38-2	Arsenic	8.3	*	12/20/2024	2139
7440-39-3	Barium	95	*	12/20/2024	2139
7440-41-7	Beryllium	0.75		12/20/2024	2139
7440-43-9	Cadmium	0.80		12/20/2024	2139
7440-70-2	Calcium	6300	*	12/20/2024	2139
7440-47-3	Chromium	16	*	12/20/2024	2139
7440-48-4	Cobalt	9.7	*	12/20/2024	2139
7440-50-8	Copper	18	*	12/20/2024	2139
7439-89-6	Iron	14000	*	12/20/2024	2139
7439-92-1	Lead	58	*	12/20/2024	2139
7439-95-4	Magnesium	2800	*	12/20/2024	2139
7439-96-5	Manganese	430	*	12/20/2024	2139
7440-02-0	Nickel	20	*	12/20/2024	2139
7440-09-7	Potassium	680		12/20/2024	2139
7782-49-2	Selenium	6.5	*	12/20/2024	2139
7440-22-4	Silver	1.2	*	12/20/2024	2139
7440-23-5	Sodium	420	U	12/20/2024	2139
7440-28-0	Thallium	2.1	U*	12/20/2024	2139
7440-62-2	Vanadium	15		12/20/2024	2139
7440-66-6	Zinc	160	*	12/20/2024	2139

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

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MBHJS2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJQ0

Matrix: SOIL Lab Sample ID: P5009-11

% Solids: 83.5 Date Received: 11/26/2024

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	*	12/20/2024	2143
7440-36-0	Antimony	4.5	J*	12/20/2024	2143
7440-38-2	Arsenic	8.2	*	12/20/2024	2143
7440-39-3	Barium	200	*	12/20/2024	2143
7440-41-7	Beryllium	0.76		12/20/2024	2143
7440-43-9	Cadmium	1.3		12/20/2024	2143
7440-70-2	Calcium	4200	*	12/20/2024	2143
7440-47-3	Chromium	16	*	12/20/2024	2143
7440-48-4	Cobalt	15	*	12/20/2024	2143
7440-50-8	Copper	5.4	*	12/20/2024	2143
7439-89-6	Iron	23000	*	12/20/2024	2143
7439-92-1	Lead	17	*	12/20/2024	2143
7439-95-4	Magnesium	3600	*	12/20/2024	2143
7439-96-5	Manganese	2000	*	12/20/2024	2143
7440-02-0	Nickel	28	*	12/20/2024	2143
7440-09-7	Potassium	740		12/20/2024	2143
7782-49-2	Selenium	12	*	12/20/2024	2143
7440-22-4	Silver	1.9	*	12/20/2024	2143
7440-23-5	Sodium	490	U	12/20/2024	2143
7440-28-0	Thallium	2.5	U*	12/20/2024	2143
7440-62-2	Vanadium	18		12/20/2024	2143
7440-66-6	Zinc	260	*	12/20/2024	2143

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

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MBHJS3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJQ0

Matrix: SOIL Lab Sample ID: P5009-12

% Solids: 82.7 Date Received: 11/26/2024

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	10000	*	12/20/2024	2147
7440-36-0	Antimony	3.9	J*	12/20/2024	2147
7440-38-2	Arsenic	8.1	*	12/20/2024	2147
7440-39-3	Barium	150	*	12/20/2024	2147
7440-41-7	Beryllium	0.77		12/20/2024	2147
7440-43-9	Cadmium	0.76		12/20/2024	2147
7440-70-2	Calcium	4000	*	12/20/2024	2147
7440-47-3	Chromium	15	*	12/20/2024	2147
7440-48-4	Cobalt	13	*	12/20/2024	2147
7440-50-8	Copper	4.9	*	12/20/2024	2147
7439-89-6	Iron	21000	*	12/20/2024	2147
7439-92-1	Lead	17	*	12/20/2024	2147
7439-95-4	Magnesium	3500	*	12/20/2024	2147
7439-96-5	Manganese	1100	*	12/20/2024	2147
7440-02-0	Nickel	23	*	12/20/2024	2147
7440-09-7	Potassium	770		12/20/2024	2147
7782-49-2	Selenium	9.9	*	12/20/2024	2147
7440-22-4	Silver	1.7	*	12/20/2024	2147
7440-23-5	Sodium	460	U	12/20/2024	2147
7440-28-0	Thallium	2.3	U*	12/20/2024	2147
7440-62-2	Vanadium	17		12/20/2024	2147
7440-66-6	Zinc	220	*	12/20/2024	2147

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

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MBHJS4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJQ0

Matrix: SOIL Lab Sample ID: P5009-13

% Solids: 82.8 Date Received: 11/26/2024

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	8500	*	12/20/2024	2151
7440-36-0	Antimony	3.5	J*	12/20/2024	2151
7440-38-2	Arsenic	8.3	*	12/20/2024	2151
7440-39-3	Barium	150	*	12/20/2024	2151
7440-41-7	Beryllium	0.71		12/20/2024	2151
7440-43-9	Cadmium	0.87		12/20/2024	2151
7440-70-2	Calcium	3800	*	12/20/2024	2151
7440-47-3	Chromium	13	*	12/20/2024	2151
7440-48-4	Cobalt	14	*	12/20/2024	2151
7440-50-8	Copper	7.1	*	12/20/2024	2151
7439-89-6	Iron	19000	*	12/20/2024	2151
7439-92-1	Lead	15	*	12/20/2024	2151
7439-95-4	Magnesium	3300	*	12/20/2024	2151
7439-96-5	Manganese	1200	*	12/20/2024	2151
7440-02-0	Nickel	23	*	12/20/2024	2151
7440-09-7	Potassium	640		12/20/2024	2151
7782-49-2	Selenium	9.6	*	12/20/2024	2151
7440-22-4	Silver	1.5	*	12/20/2024	2151
7440-23-5	Sodium	430	U	12/20/2024	2151
7440-28-0	Thallium	2.2	U*	12/20/2024	2151
7440-62-2	Vanadium	16		12/20/2024	2151
7440-66-6	Zinc	170	*	12/20/2024	2151

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

Comments:

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MBHJT8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJQ0

Matrix: SOIL Lab Sample ID: P5009-14

% Solids: 84.6 Date Received: 11/26/2024

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	*	12/20/2024	2202
7440-36-0	Antimony	3.3	J*	12/20/2024	2202
7440-38-2	Arsenic	7.5	*	12/20/2024	2202
7440-39-3	Barium	56	*	12/20/2024	2202
7440-41-7	Beryllium	0.72		12/20/2024	2202
7440-43-9	Cadmium	0.53		12/20/2024	2202
7440-70-2	Calcium	4000	*	12/20/2024	2202
7440-47-3	Chromium	11	*	12/20/2024	2202
7440-48-4	Cobalt	9.7	*	12/20/2024	2202
7440-50-8	Copper	7.2	*	12/20/2024	2202
7439-89-6	Iron	18000	*	12/20/2024	2202
7439-92-1	Lead	17	*	12/20/2024	2202
7439-95-4	Magnesium	2900	*	12/20/2024	2202
7439-96-5	Manganese	420	*	12/20/2024	2202
7440-02-0	Nickel	17	*	12/20/2024	2202
7440-09-7	Potassium	650		12/20/2024	2202
7782-49-2	Selenium	8.5	*	12/20/2024	2202
7440-22-4	Silver	1.3	*	12/20/2024	2202
7440-23-5	Sodium	420	U	12/20/2024	2202
7440-28-0	Thallium	2.1	U*	12/20/2024	2202
7440-62-2	Vanadium	16		12/20/2024	2202
7440-66-6	Zinc	130	*	12/20/2024	2202

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJY7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJQ0

Matrix: SOIL Lab Sample ID: P5009-15

% Solids: 71.8 Date Received: 11/26/2024

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	8500	*	12/20/2024	2206
7440-36-0	Antimony	3.3	J*	12/20/2024	2206
7440-38-2	Arsenic	13	*	12/20/2024	2206
7440-39-3	Barium	130	*	12/20/2024	2206
7440-41-7	Beryllium	0.96		12/20/2024	2206
7440-43-9	Cadmium	0.67		12/20/2024	2206
7440-70-2	Calcium	7000	*	12/20/2024	2206
7440-47-3	Chromium	14	*	12/20/2024	2206
7440-48-4	Cobalt	12	*	12/20/2024	2206
7440-50-8	Copper	32	*	12/20/2024	2206
7439-89-6	Iron	19000	*	12/20/2024	2206
7439-92-1	Lead	120	*	12/20/2024	2206
7439-95-4	Magnesium	2700	*	12/20/2024	2206
7439-96-5	Manganese	750	*	12/20/2024	2206
7440-02-0	Nickel	22	*	12/20/2024	2206
7440-09-7	Potassium	1100		12/20/2024	2206
7782-49-2	Selenium	9.6	*	12/20/2024	2206
7440-22-4	Silver	1.6	*	12/20/2024	2206
7440-23-5	Sodium	490	U	12/20/2024	2206
7440-28-0	Thallium	2.4	U*	12/20/2024	2206
7440-62-2	Vanadium	22		12/20/2024	2206
7440-66-6	Zinc	100	*	12/20/2024	2206

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJY8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJQ0

Matrix: SOIL Lab Sample ID: P5009-16

% Solids: 77.1 Date Received: 11/26/2024

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	7900	*	12/20/2024	2210
7440-36-0	Antimony	6.1	*	12/20/2024	2210
7440-38-2	Arsenic	20	*	12/20/2024	2210
7440-39-3	Barium	140	*	12/20/2024	2210
7440-41-7	Beryllium	1.2		12/20/2024	2210
7440-43-9	Cadmium	0.81		12/20/2024	2210
7440-70-2	Calcium	7900	*	12/20/2024	2210
7440-47-3	Chromium	11	*	12/20/2024	2210
7440-48-4	Cobalt	12	*	12/20/2024	2210
7440-50-8	Copper	45	*	12/20/2024	2210
7439-89-6	Iron	31000	*	12/20/2024	2210
7439-92-1	Lead	110	*	12/20/2024	2210
7439-95-4	Magnesium	2700	*	12/20/2024	2210
7439-96-5	Manganese	660	*	12/20/2024	2210
7440-02-0	Nickel	20	*	12/20/2024	2210
7440-09-7	Potassium	900		12/20/2024	2210
7782-49-2	Selenium	15	*	12/20/2024	2210
7440-22-4	Silver	2.3	*	12/20/2024	2210
7440-23-5	Sodium	110	J	12/20/2024	2210
7440-28-0	Thallium	2.6	U*	12/20/2024	2210
7440-62-2	Vanadium	26		12/20/2024	2210
7440-66-6	Zinc	110	*	12/20/2024	2210

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

Comments:

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MBHJY9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJQ0

Matrix: SOIL Lab Sample ID: P5009-17

% Solids: 81.5 Date Received: 11/26/2024

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	7700	*	12/20/2024	2214
7440-36-0	Antimony	2.7	J*	12/20/2024	2214
7440-38-2	Arsenic	13	*	12/20/2024	2214
7440-39-3	Barium	130	*	12/20/2024	2214
7440-41-7	Beryllium	0.80		12/20/2024	2214
7440-43-9	Cadmium	0.66		12/20/2024	2214
7440-70-2	Calcium	8600	*	12/20/2024	2214
7440-47-3	Chromium	12	*	12/20/2024	2214
7440-48-4	Cobalt	12	*	12/20/2024	2214
7440-50-8	Copper	28	*	12/20/2024	2214
7439-89-6	Iron	16000	*	12/20/2024	2214
7439-92-1	Lead	90	*	12/20/2024	2214
7439-95-4	Magnesium	3200	*	12/20/2024	2214
7439-96-5	Manganese	850	*	12/20/2024	2214
7440-02-0	Nickel	19	*	12/20/2024	2214
7440-09-7	Potassium	770		12/20/2024	2214
7782-49-2	Selenium	8.0	*	12/20/2024	2214
7440-22-4	Silver	1.3	*	12/20/2024	2214
7440-23-5	Sodium	440	U	12/20/2024	2214
7440-28-0	Thallium	2.2	U*	12/20/2024	2214
7440-62-2	Vanadium	21		12/20/2024	2214
7440-66-6	Zinc	90	*	12/20/2024	2214

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

Comments:

FORM 1 - IN
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MBHJZ0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJQ0

Matrix: SOIL Lab Sample ID: P5009-18

% Solids: 90.6 Date Received: 11/26/2024

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	*	12/20/2024	2218
7440-36-0	Antimony	3.1	J*	12/20/2024	2218
7440-38-2	Arsenic	11	*	12/20/2024	2218
7440-39-3	Barium	120	*	12/20/2024	2218
7440-41-7	Beryllium	0.70		12/20/2024	2218
7440-43-9	Cadmium	0.56		12/20/2024	2218
7440-70-2	Calcium	14000	*	12/20/2024	2218
7440-47-3	Chromium	9.6	*	12/20/2024	2218
7440-48-4	Cobalt	12	*	12/20/2024	2218
7440-50-8	Copper	21	*	12/20/2024	2218
7439-89-6	Iron	18000	*	12/20/2024	2218
7439-92-1	Lead	33	*	12/20/2024	2218
7439-95-4	Magnesium	3900	*	12/20/2024	2218
7439-96-5	Manganese	1000	*	12/20/2024	2218
7440-02-0	Nickel	18	*	12/20/2024	2218
7440-09-7	Potassium	630		12/20/2024	2218
7782-49-2	Selenium	7.9	*	12/20/2024	2218
7440-22-4	Silver	1.4	*	12/20/2024	2218
7440-23-5	Sodium	390	U	12/20/2024	2218
7440-28-0	Thallium	1.9	U*	12/20/2024	2218
7440-62-2	Vanadium	18		12/20/2024	2218
7440-66-6	Zinc	62	*	12/20/2024	2218

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

Comments:

FORM 1 - IN
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MBHJZ1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJQ0

Matrix: SOIL Lab Sample ID: P5009-19

% Solids: 90.9 Date Received: 11/26/2024

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	*	12/20/2024	2221
7440-36-0	Antimony	2.5	J*	12/20/2024	2221
7440-38-2	Arsenic	8.1	*	12/20/2024	2221
7440-39-3	Barium	89	*	12/20/2024	2221
7440-41-7	Beryllium	0.64		12/20/2024	2221
7440-43-9	Cadmium	0.38		12/20/2024	2221
7440-70-2	Calcium	15000	*	12/20/2024	2221
7440-47-3	Chromium	8.9	*	12/20/2024	2221
7440-48-4	Cobalt	9.8	*	12/20/2024	2221
7440-50-8	Copper	19	*	12/20/2024	2221
7439-89-6	Iron	16000	*	12/20/2024	2221
7439-92-1	Lead	26	*	12/20/2024	2221
7439-95-4	Magnesium	4500	*	12/20/2024	2221
7439-96-5	Manganese	730	*	12/20/2024	2221
7440-02-0	Nickel	15	*	12/20/2024	2221
7440-09-7	Potassium	960		12/20/2024	2221
7782-49-2	Selenium	6.9	*	12/20/2024	2221
7440-22-4	Silver	1.3	*	12/20/2024	2221
7440-23-5	Sodium	380	U	12/20/2024	2221
7440-28-0	Thallium	1.9	U*	12/20/2024	2221
7440-62-2	Vanadium	15		12/20/2024	2221
7440-66-6	Zinc	51	*	12/20/2024	2221

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

Comments:

FORM 1 - IN
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MBHJZ2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJQ0

Matrix: SOIL Lab Sample ID: P5009-20

% Solids: 90.8 Date Received: 11/26/2024

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	*	12/20/2024	2225
7440-36-0	Antimony	2.2	J*	12/20/2024	2225
7440-38-2	Arsenic	7.2	*	12/20/2024	2225
7440-39-3	Barium	100	*	12/20/2024	2225
7440-41-7	Beryllium	0.60		12/20/2024	2225
7440-43-9	Cadmium	0.35	J	12/20/2024	2225
7440-70-2	Calcium	17000	*	12/20/2024	2225
7440-47-3	Chromium	8.5	*	12/20/2024	2225
7440-48-4	Cobalt	9.9	*	12/20/2024	2225
7440-50-8	Copper	18	*	12/20/2024	2225
7439-89-6	Iron	15000	*	12/20/2024	2225
7439-92-1	Lead	19	*	12/20/2024	2225
7439-95-4	Magnesium	4300	*	12/20/2024	2225
7439-96-5	Manganese	740	*	12/20/2024	2225
7440-02-0	Nickel	14	*	12/20/2024	2225
7440-09-7	Potassium	950		12/20/2024	2225
7782-49-2	Selenium	6.2	*	12/20/2024	2225
7440-22-4	Silver	1.2	*	12/20/2024	2225
7440-23-5	Sodium	130	J	12/20/2024	2225
7440-28-0	Thallium	2.3	U*	12/20/2024	2225
7440-62-2	Vanadium	14		12/20/2024	2225
7440-66-6	Zinc	54	*	12/20/2024	2225

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

Comments:

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MBHJZ3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJQ0

Matrix: SOIL Lab Sample ID: P5009-21

% Solids: 93.5 Date Received: 11/26/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	3600	*	12/20/2024	2229
7440-36-0	Antimony	0.44	J*	12/20/2024	2229
7440-38-2	Arsenic	7.0	*	12/20/2024	2229
7440-39-3	Barium	52	*	12/20/2024	2229
7440-41-7	Beryllium	0.40	J	12/20/2024	2229
7440-43-9	Cadmium	0.24	J	12/20/2024	2229
7440-70-2	Calcium	130000	D*	12/23/2024	1545
7440-47-3	Chromium	5.9	*	12/20/2024	2229
7440-48-4	Cobalt	10	*	12/20/2024	2229
7440-50-8	Copper	17	*	12/20/2024	2229
7439-89-6	Iron	10000	*	12/20/2024	2229
7439-92-1	Lead	19	*	12/20/2024	2229
7439-95-4	Magnesium	15000	*	12/20/2024	2229
7439-96-5	Manganese	1000	*	12/20/2024	2229
7440-02-0	Nickel	10	*	12/20/2024	2229
7440-09-7	Potassium	790		12/20/2024	2229
7782-49-2	Selenium	1.9	J*	12/20/2024	2229
7440-22-4	Silver	1.0	*	12/20/2024	2229
7440-23-5	Sodium	130	J	12/20/2024	2229
7440-28-0	Thallium	2.3	U*	12/20/2024	2229
7440-62-2	Vanadium	8.6		12/20/2024	2229
7440-66-6	Zinc	42	*	12/20/2024	2229

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

Comments:

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MBHK10

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJQ0

Matrix: SOIL Lab Sample ID: P5009-22

% Solids: 72.1 Date Received: 11/26/2024

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	8300	*	12/20/2024	2233
7440-36-0	Antimony	2.5	J*	12/20/2024	2233
7440-38-2	Arsenic	11	*	12/20/2024	2233
7440-39-3	Barium	120	*	12/20/2024	2233
7440-41-7	Beryllium	0.84		12/20/2024	2233
7440-43-9	Cadmium	0.64		12/20/2024	2233
7440-70-2	Calcium	6600	*	12/20/2024	2233
7440-47-3	Chromium	13	*	12/20/2024	2233
7440-48-4	Cobalt	11	*	12/20/2024	2233
7440-50-8	Copper	30	*	12/20/2024	2233
7439-89-6	Iron	15000	*	12/20/2024	2233
7439-92-1	Lead	120	*	12/20/2024	2233
7439-95-4	Magnesium	2600	*	12/20/2024	2233
7439-96-5	Manganese	730	*	12/20/2024	2233
7440-02-0	Nickel	20	*	12/20/2024	2233
7440-09-7	Potassium	1000		12/20/2024	2233
7782-49-2	Selenium	7.2	*	12/20/2024	2233
7440-22-4	Silver	1.2	*	12/20/2024	2233
7440-23-5	Sodium	500	U	12/20/2024	2233
7440-28-0	Thallium	2.5	U*	12/20/2024	2233
7440-62-2	Vanadium	19		12/20/2024	2233
7440-66-6	Zinc	100	*	12/20/2024	2233

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

Comments: