

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJ49

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ49

Matrix: SOIL Lab Sample ID: P4978-01

% Solids: 90.2 Date Received: 11/23/2024

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	2800		12/14/2024	1609
7440-36-0	Antimony	5.7	U	12/14/2024	1609
7440-38-2	Arsenic	2.6		12/14/2024	1609
7440-39-3	Barium	24		12/14/2024	1609
7440-41-7	Beryllium	0.23	J	12/14/2024	1609
7440-43-9	Cadmium	0.53		12/14/2024	1609
7440-70-2	Calcium	130000	D	12/21/2024	0620
7440-47-3	Chromium	7.8		12/14/2024	1609
7440-48-4	Cobalt	7.7	*	12/14/2024	1609
7440-50-8	Copper	7.1		12/14/2024	1609
7439-89-6	Iron	9000		12/14/2024	1609
7439-92-1	Lead	30	*	12/14/2024	1609
7439-95-4	Magnesium	59000		12/14/2024	1609
7439-96-5	Manganese	810		12/14/2024	1609
7440-02-0	Nickel	8.4		12/14/2024	1609
7440-09-7	Potassium	810		12/14/2024	1609
7782-49-2	Selenium	3.3	U*	12/14/2024	1609
7440-22-4	Silver	0.95	U	12/14/2024	1609
7440-23-5	Sodium	470	U	12/14/2024	1609
7440-28-0	Thallium	3.5		12/14/2024	1609
7440-62-2	Vanadium	6.6		12/14/2024	1609
7440-66-6	Zinc	91		12/14/2024	1609

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

Comments:

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EPA SAMPLE NO.

MBHJ50

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ49
 Matrix: SOIL Lab Sample ID: P4978-04
 % Solids: 88.5 Date Received: 11/23/2024
 Analytical Method: ICP_AES
 Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	2800		12/14/2024	2058
7440-36-0	Antimony	5.9	U	12/14/2024	2058
7440-38-2	Arsenic	2.3		12/14/2024	2058
7440-39-3	Barium	26		12/14/2024	2058
7440-41-7	Beryllium	0.24	J	12/14/2024	2058
7440-43-9	Cadmium	0.50		12/14/2024	2058
7440-70-2	Calcium	130000	D	12/21/2024	0643
7440-47-3	Chromium	11		12/14/2024	2058
7440-48-4	Cobalt	7.6	*	12/14/2024	2058
7440-50-8	Copper	6.5		12/14/2024	2058
7439-89-6	Iron	8900		12/14/2024	2058
7439-92-1	Lead	34	*	12/14/2024	2058
7439-95-4	Magnesium	63000		12/14/2024	2058
7439-96-5	Manganese	730		12/14/2024	2058
7440-02-0	Nickel	8.8		12/14/2024	2058
7440-09-7	Potassium	690		12/14/2024	2058
7782-49-2	Selenium	3.4	U*	12/14/2024	2058
7440-22-4	Silver	0.98	U	12/14/2024	2058
7440-23-5	Sodium	120	J	12/14/2024	2058
7440-28-0	Thallium	3.3		12/14/2024	2058
7440-62-2	Vanadium	9.8		12/14/2024	2058
7440-66-6	Zinc	86		12/14/2024	2058

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

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MBHJ51

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ49

Matrix: SOIL Lab Sample ID: P4978-05

% Solids: 95.6 Date Received: 11/23/2024

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	1700		12/14/2024	2102
7440-36-0	Antimony	6.0	U	12/14/2024	2102
7440-38-2	Arsenic	2.4		12/14/2024	2102
7440-39-3	Barium	14	J	12/14/2024	2102
7440-41-7	Beryllium	0.19	J	12/14/2024	2102
7440-43-9	Cadmium	1.5		12/14/2024	2102
7440-70-2	Calcium	210000	D	12/23/2024	1741
7440-47-3	Chromium	4.5		12/14/2024	2102
7440-48-4	Cobalt	7.7	*	12/14/2024	2102
7440-50-8	Copper	3.0		12/14/2024	2102
7439-89-6	Iron	9100		12/14/2024	2102
7439-92-1	Lead	39	*	12/14/2024	2102
7439-95-4	Magnesium	120000	D	12/21/2024	0647
7439-96-5	Manganese	1000		12/14/2024	2102
7440-02-0	Nickel	6.9		12/14/2024	2102
7440-09-7	Potassium	730		12/14/2024	2102
7782-49-2	Selenium	3.5	U*	12/14/2024	2102
7440-22-4	Silver	1.0	U	12/14/2024	2102
7440-23-5	Sodium	140	J	12/14/2024	2102
7440-28-0	Thallium	3.7		12/14/2024	2102
7440-62-2	Vanadium	5.1		12/14/2024	2102
7440-66-6	Zinc	250		12/14/2024	2102

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

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MBHJ52

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ49

Matrix: SOIL Lab Sample ID: P4978-06

% Solids: 94.1 Date Received: 11/23/2024

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	1200		12/14/2024	2106
7440-36-0	Antimony	5.6	U	12/14/2024	2106
7440-38-2	Arsenic	2.2		12/14/2024	2106
7440-39-3	Barium	15	J	12/14/2024	2106
7440-41-7	Beryllium	0.13	J	12/14/2024	2106
7440-43-9	Cadmium	0.93		12/14/2024	2106
7440-70-2	Calcium	190000	D	12/23/2024	1745
7440-47-3	Chromium	3.2		12/14/2024	2106
7440-48-4	Cobalt	7.1	*	12/14/2024	2106
7440-50-8	Copper	1.9	J	12/14/2024	2106
7439-89-6	Iron	8000		12/14/2024	2106
7439-92-1	Lead	32	*	12/14/2024	2106
7439-95-4	Magnesium	100000	D	12/21/2024	0651
7439-96-5	Manganese	1100		12/14/2024	2106
7440-02-0	Nickel	5.5		12/14/2024	2106
7440-09-7	Potassium	620		12/14/2024	2106
7782-49-2	Selenium	3.3	U*	12/14/2024	2106
7440-22-4	Silver	0.93	U	12/14/2024	2106
7440-23-5	Sodium	190	J	12/14/2024	2106
7440-28-0	Thallium	3.8		12/14/2024	2106
7440-62-2	Vanadium	3.6	J	12/14/2024	2106
7440-66-6	Zinc	160		12/14/2024	2106

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

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MBHJ53

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ49

Matrix: SOIL Lab Sample ID: P4978-07

% Solids: 95.5 Date Received: 11/23/2024

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	1100		12/14/2024	2110
7440-36-0	Antimony	5.6	U	12/14/2024	2110
7440-38-2	Arsenic	1.5		12/14/2024	2110
7440-39-3	Barium	8.9	J	12/14/2024	2110
7440-41-7	Beryllium	0.11	J	12/14/2024	2110
7440-43-9	Cadmium	0.50		12/14/2024	2110
7440-70-2	Calcium	190000	D	12/23/2024	1749
7440-47-3	Chromium	3.3		12/14/2024	2110
7440-48-4	Cobalt	6.9	*	12/14/2024	2110
7440-50-8	Copper	2.0	J	12/14/2024	2110
7439-89-6	Iron	8000		12/14/2024	2110
7439-92-1	Lead	33	*	12/14/2024	2110
7439-95-4	Magnesium	100000	D	12/21/2024	0655
7439-96-5	Manganese	1400		12/14/2024	2110
7440-02-0	Nickel	5.1		12/14/2024	2110
7440-09-7	Potassium	620		12/14/2024	2110
7782-49-2	Selenium	3.2	U*	12/14/2024	2110
7440-22-4	Silver	0.93	U	12/14/2024	2110
7440-23-5	Sodium	200	J	12/14/2024	2110
7440-28-0	Thallium	4.1		12/14/2024	2110
7440-62-2	Vanadium	2.9	J	12/14/2024	2110
7440-66-6	Zinc	79		12/14/2024	2110

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

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MBHJ54

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ49

Matrix: SOIL Lab Sample ID: P4978-08

% Solids: 92.1 Date Received: 11/23/2024

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		12/14/2024	2114
7440-36-0	Antimony	5.7	U	12/14/2024	2114
7440-38-2	Arsenic	5.1		12/14/2024	2114
7440-39-3	Barium	44		12/14/2024	2114
7440-41-7	Beryllium	0.35	J	12/14/2024	2114
7440-43-9	Cadmium	0.49		12/14/2024	2114
7440-70-2	Calcium	130000	D	12/21/2024	0658
7440-47-3	Chromium	5.3		12/14/2024	2114
7440-48-4	Cobalt	7.9	*	12/14/2024	2114
7440-50-8	Copper	4.4		12/14/2024	2114
7439-89-6	Iron	9400		12/14/2024	2114
7439-92-1	Lead	61	*	12/14/2024	2114
7439-95-4	Magnesium	65000		12/14/2024	2114
7439-96-5	Manganese	760		12/14/2024	2114
7440-02-0	Nickel	7.8		12/14/2024	2114
7440-09-7	Potassium	680		12/14/2024	2114
7782-49-2	Selenium	3.3	U*	12/14/2024	2114
7440-22-4	Silver	0.94	U	12/14/2024	2114
7440-23-5	Sodium	870		12/14/2024	2114
7440-28-0	Thallium	3.7		12/14/2024	2114
7440-62-2	Vanadium	10		12/14/2024	2114
7440-66-6	Zinc	90		12/14/2024	2114

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

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MBHJ55

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ49

Matrix: SOIL Lab Sample ID: P4978-09

% Solids: 92.1 Date Received: 11/23/2024

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	3900		12/14/2024	2118
7440-36-0	Antimony	5.9	U	12/14/2024	2118
7440-38-2	Arsenic	4.4		12/14/2024	2118
7440-39-3	Barium	40		12/14/2024	2118
7440-41-7	Beryllium	0.37	J	12/14/2024	2118
7440-43-9	Cadmium	0.54		12/14/2024	2118
7440-70-2	Calcium	130000	D	12/21/2024	0702
7440-47-3	Chromium	5.9		12/14/2024	2118
7440-48-4	Cobalt	9.8	*	12/14/2024	2118
7440-50-8	Copper	11		12/14/2024	2118
7439-89-6	Iron	11000		12/14/2024	2118
7439-92-1	Lead	54	*	12/14/2024	2118
7439-95-4	Magnesium	41000		12/14/2024	2118
7439-96-5	Manganese	790		12/14/2024	2118
7440-02-0	Nickel	12		12/14/2024	2118
7440-09-7	Potassium	960		12/14/2024	2118
7782-49-2	Selenium	3.5	U*	12/14/2024	2118
7440-22-4	Silver	0.99	U	12/14/2024	2118
7440-23-5	Sodium	120	J	12/14/2024	2118
7440-28-0	Thallium	3.6		12/14/2024	2118
7440-62-2	Vanadium	8.4		12/14/2024	2118
7440-66-6	Zinc	94		12/14/2024	2118

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

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MBHJ63

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ49

Matrix: SOIL Lab Sample ID: P4978-10

% Solids: 86.7 Date Received: 11/23/2024

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		12/14/2024	2122
7440-36-0	Antimony	2.3	J	12/14/2024	2122
7440-38-2	Arsenic	11		12/14/2024	2122
7440-39-3	Barium	81		12/14/2024	2122
7440-41-7	Beryllium	0.55		12/14/2024	2122
7440-43-9	Cadmium	0.59		12/14/2024	2122
7440-70-2	Calcium	13000		12/14/2024	2122
7440-47-3	Chromium	10		12/14/2024	2122
7440-48-4	Cobalt	10	*	12/14/2024	2122
7440-50-8	Copper	20		12/14/2024	2122
7439-89-6	Iron	16000		12/14/2024	2122
7439-92-1	Lead	82	*	12/14/2024	2122
7439-95-4	Magnesium	4300		12/14/2024	2122
7439-96-5	Manganese	1300		12/14/2024	2122
7440-02-0	Nickel	18		12/14/2024	2122
7440-09-7	Potassium	880		12/14/2024	2122
7782-49-2	Selenium	0.92	J*	12/14/2024	2122
7440-22-4	Silver	1.0	U	12/14/2024	2122
7440-23-5	Sodium	120	J	12/14/2024	2122
7440-28-0	Thallium	2.5	J	12/14/2024	2122
7440-62-2	Vanadium	17		12/14/2024	2122
7440-66-6	Zinc	53		12/14/2024	2122

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

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MBHJ64

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ49

Matrix: SOIL Lab Sample ID: P4978-11

% Solids: 88.7 Date Received: 11/23/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	7300		12/14/2024	2126
7440-36-0	Antimony	2.3	J	12/14/2024	2126
7440-38-2	Arsenic	11		12/14/2024	2126
7440-39-3	Barium	92		12/14/2024	2126
7440-41-7	Beryllium	0.55		12/14/2024	2126
7440-43-9	Cadmium	0.61		12/14/2024	2126
7440-70-2	Calcium	12000		12/14/2024	2126
7440-47-3	Chromium	10		12/14/2024	2126
7440-48-4	Cobalt	11	*	12/14/2024	2126
7440-50-8	Copper	20		12/14/2024	2126
7439-89-6	Iron	17000		12/14/2024	2126
7439-92-1	Lead	80	*	12/14/2024	2126
7439-95-4	Magnesium	3600		12/14/2024	2126
7439-96-5	Manganese	1500		12/14/2024	2126
7440-02-0	Nickel	18		12/14/2024	2126
7440-09-7	Potassium	830		12/14/2024	2126
7782-49-2	Selenium	1.5	J*	12/14/2024	2126
7440-22-4	Silver	0.99	U	12/14/2024	2126
7440-23-5	Sodium	110	J	12/14/2024	2126
7440-28-0	Thallium	2.1	J	12/14/2024	2126
7440-62-2	Vanadium	17		12/14/2024	2126
7440-66-6	Zinc	50		12/14/2024	2126

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

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MBHJ65

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ49

Matrix: SOIL Lab Sample ID: P4978-12

% Solids: 89.4 Date Received: 11/23/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	7300		12/14/2024	2130
7440-36-0	Antimony	2.3	J	12/14/2024	2130
7440-38-2	Arsenic	11		12/14/2024	2130
7440-39-3	Barium	81		12/14/2024	2130
7440-41-7	Beryllium	0.55		12/14/2024	2130
7440-43-9	Cadmium	0.59		12/14/2024	2130
7440-70-2	Calcium	11000		12/14/2024	2130
7440-47-3	Chromium	9.7		12/14/2024	2130
7440-48-4	Cobalt	10	*	12/14/2024	2130
7440-50-8	Copper	20		12/14/2024	2130
7439-89-6	Iron	16000		12/14/2024	2130
7439-92-1	Lead	85	*	12/14/2024	2130
7439-95-4	Magnesium	3600		12/14/2024	2130
7439-96-5	Manganese	1300		12/14/2024	2130
7440-02-0	Nickel	19		12/14/2024	2130
7440-09-7	Potassium	720		12/14/2024	2130
7782-49-2	Selenium	1.1	J*	12/14/2024	2130
7440-22-4	Silver	0.90	U	12/14/2024	2130
7440-23-5	Sodium	450	U	12/14/2024	2130
7440-28-0	Thallium	1.6	J	12/14/2024	2130
7440-62-2	Vanadium	17		12/14/2024	2130
7440-66-6	Zinc	48		12/14/2024	2130

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

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MBHJ77

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ49

Matrix: SOIL Lab Sample ID: P4978-13

% Solids: 82.4 Date Received: 11/23/2024

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		12/14/2024	2133
7440-36-0	Antimony	1.9	J	12/14/2024	2133
7440-38-2	Arsenic	12		12/14/2024	2133
7440-39-3	Barium	110		12/14/2024	2133
7440-41-7	Beryllium	0.59		12/14/2024	2133
7440-43-9	Cadmium	0.93		12/14/2024	2133
7440-70-2	Calcium	38000		12/14/2024	2133
7440-47-3	Chromium	13		12/14/2024	2133
7440-48-4	Cobalt	12	*	12/14/2024	2133
7440-50-8	Copper	34		12/14/2024	2133
7439-89-6	Iron	16000		12/14/2024	2133
7439-92-1	Lead	270	*	12/14/2024	2133
7439-95-4	Magnesium	12000		12/14/2024	2133
7439-96-5	Manganese	1300		12/14/2024	2133
7440-02-0	Nickel	26		12/14/2024	2133
7440-09-7	Potassium	1000		12/14/2024	2133
7782-49-2	Selenium	3.8	U*	12/14/2024	2133
7440-22-4	Silver	1.1	U	12/14/2024	2133
7440-23-5	Sodium	540	U	12/14/2024	2133
7440-28-0	Thallium	3.0		12/14/2024	2133
7440-62-2	Vanadium	17		12/14/2024	2133
7440-66-6	Zinc	130		12/14/2024	2133

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJ78

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ49

Matrix: SOIL Lab Sample ID: P4978-14

% Solids: 84 Date Received: 11/23/2024

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		12/14/2024	2137
7440-36-0	Antimony	2.1	J	12/14/2024	2137
7440-38-2	Arsenic	12		12/14/2024	2137
7440-39-3	Barium	93		12/14/2024	2137
7440-41-7	Beryllium	0.52		12/14/2024	2137
7440-43-9	Cadmium	0.91		12/14/2024	2137
7440-70-2	Calcium	50000		12/14/2024	2137
7440-47-3	Chromium	12		12/14/2024	2137
7440-48-4	Cobalt	11	*	12/14/2024	2137
7440-50-8	Copper	32		12/14/2024	2137
7439-89-6	Iron	17000		12/14/2024	2137
7439-92-1	Lead	250	*	12/14/2024	2137
7439-95-4	Magnesium	20000		12/14/2024	2137
7439-96-5	Manganese	1300		12/14/2024	2137
7440-02-0	Nickel	27		12/14/2024	2137
7440-09-7	Potassium	810		12/14/2024	2137
7782-49-2	Selenium	3.3	U*	12/14/2024	2137
7440-22-4	Silver	0.93	U	12/14/2024	2137
7440-23-5	Sodium	470	U	12/14/2024	2137
7440-28-0	Thallium	2.7		12/14/2024	2137
7440-62-2	Vanadium	14		12/14/2024	2137
7440-66-6	Zinc	110		12/14/2024	2137

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJ79

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ49

Matrix: SOIL Lab Sample ID: P4978-15

% Solids: 91.6 Date Received: 11/23/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	4600		12/14/2024	2141
7440-36-0	Antimony	2.8	J	12/14/2024	2141
7440-38-2	Arsenic	11		12/14/2024	2141
7440-39-3	Barium	89		12/14/2024	2141
7440-41-7	Beryllium	0.54		12/14/2024	2141
7440-43-9	Cadmium	1.0		12/14/2024	2141
7440-70-2	Calcium	73000		12/14/2024	2141
7440-47-3	Chromium	11		12/14/2024	2141
7440-48-4	Cobalt	11	*	12/14/2024	2141
7440-50-8	Copper	28		12/14/2024	2141
7439-89-6	Iron	20000		12/14/2024	2141
7439-92-1	Lead	240	*	12/14/2024	2141
7439-95-4	Magnesium	24000		12/14/2024	2141
7439-96-5	Manganese	1200		12/14/2024	2141
7440-02-0	Nickel	23		12/14/2024	2141
7440-09-7	Potassium	670		12/14/2024	2141
7782-49-2	Selenium	3.4	U*	12/14/2024	2141
7440-22-4	Silver	0.98	U	12/14/2024	2141
7440-23-5	Sodium	490	U	12/14/2024	2141
7440-28-0	Thallium	2.9		12/14/2024	2141
7440-62-2	Vanadium	14		12/14/2024	2141
7440-66-6	Zinc	140		12/14/2024	2141

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJ80

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ49

Matrix: SOIL Lab Sample ID: P4978-16

% Solids: 91.9 Date Received: 11/23/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	5400		12/14/2024	2145
7440-36-0	Antimony	1.5	J	12/14/2024	2145
7440-38-2	Arsenic	9.9		12/14/2024	2145
7440-39-3	Barium	95		12/14/2024	2145
7440-41-7	Beryllium	0.45	J	12/14/2024	2145
7440-43-9	Cadmium	0.50		12/14/2024	2145
7440-70-2	Calcium	46000		12/14/2024	2145
7440-47-3	Chromium	7.3		12/14/2024	2145
7440-48-4	Cobalt	10	*	12/14/2024	2145
7440-50-8	Copper	25		12/14/2024	2145
7439-89-6	Iron	15000		12/14/2024	2145
7439-92-1	Lead	220	*	12/14/2024	2145
7439-95-4	Magnesium	9400		12/14/2024	2145
7439-96-5	Manganese	1200		12/14/2024	2145
7440-02-0	Nickel	14		12/14/2024	2145
7440-09-7	Potassium	610		12/14/2024	2145
7782-49-2	Selenium	3.4	U*	12/14/2024	2145
7440-22-4	Silver	0.97	U	12/14/2024	2145
7440-23-5	Sodium	490	U	12/14/2024	2145
7440-28-0	Thallium	3.0		12/14/2024	2145
7440-62-2	Vanadium	14		12/14/2024	2145
7440-66-6	Zinc	86		12/14/2024	2145

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJ81

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ49

Matrix: SOIL Lab Sample ID: P4978-17

% Solids: 91.1 Date Received: 11/23/2024

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		12/14/2024	2149
7440-36-0	Antimony	1.5	J	12/14/2024	2149
7440-38-2	Arsenic	7.5		12/14/2024	2149
7440-39-3	Barium	86		12/14/2024	2149
7440-41-7	Beryllium	0.44	J	12/14/2024	2149
7440-43-9	Cadmium	0.43	J	12/14/2024	2149
7440-70-2	Calcium	44000		12/14/2024	2149
7440-47-3	Chromium	7.1		12/14/2024	2149
7440-48-4	Cobalt	11	*	12/14/2024	2149
7440-50-8	Copper	20		12/14/2024	2149
7439-89-6	Iron	14000		12/14/2024	2149
7439-92-1	Lead	120	*	12/14/2024	2149
7439-95-4	Magnesium	9800		12/14/2024	2149
7439-96-5	Manganese	1400		12/14/2024	2149
7440-02-0	Nickel	13		12/14/2024	2149
7440-09-7	Potassium	570		12/14/2024	2149
7782-49-2	Selenium	3.2	U*	12/14/2024	2149
7440-22-4	Silver	0.92	U	12/14/2024	2149
7440-23-5	Sodium	460	U	12/14/2024	2149
7440-28-0	Thallium	2.9		12/14/2024	2149
7440-62-2	Vanadium	14		12/14/2024	2149
7440-66-6	Zinc	44		12/14/2024	2149

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJ82

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ49

Matrix: SOIL Lab Sample ID: P4978-18

% Solids: 92.1 Date Received: 11/23/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6500		12/14/2024	2152
7440-36-0	Antimony	1.7	J	12/14/2024	2152
7440-38-2	Arsenic	6.0		12/14/2024	2152
7440-39-3	Barium	66		12/14/2024	2152
7440-41-7	Beryllium	0.45	J	12/14/2024	2152
7440-43-9	Cadmium	0.37	J	12/14/2024	2152
7440-70-2	Calcium	45000		12/14/2024	2152
7440-47-3	Chromium	7.1		12/14/2024	2152
7440-48-4	Cobalt	11	*	12/14/2024	2152
7440-50-8	Copper	18		12/14/2024	2152
7439-89-6	Iron	15000		12/14/2024	2152
7439-92-1	Lead	25	*	12/14/2024	2152
7439-95-4	Magnesium	4800		12/14/2024	2152
7439-96-5	Manganese	1600		12/14/2024	2152
7440-02-0	Nickel	13		12/14/2024	2152
7440-09-7	Potassium	430	J	12/14/2024	2152
7782-49-2	Selenium	3.3	U*	12/14/2024	2152
7440-22-4	Silver	0.94	U	12/14/2024	2152
7440-23-5	Sodium	470	U	12/14/2024	2152
7440-28-0	Thallium	3.5		12/14/2024	2152
7440-62-2	Vanadium	14		12/14/2024	2152
7440-66-6	Zinc	22		12/14/2024	2152

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJ83

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ49

Matrix: SOIL Lab Sample ID: P4978-19

% Solids: 92.3 Date Received: 11/23/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	7300		12/14/2024	2204
7440-36-0	Antimony	1.5	J	12/14/2024	2204
7440-38-2	Arsenic	7.0		12/14/2024	2204
7440-39-3	Barium	64		12/14/2024	2204
7440-41-7	Beryllium	0.49	J	12/14/2024	2204
7440-43-9	Cadmium	0.41	J	12/14/2024	2204
7440-70-2	Calcium	57000		12/14/2024	2204
7440-47-3	Chromium	8.3		12/14/2024	2204
7440-48-4	Cobalt	13	*	12/14/2024	2204
7440-50-8	Copper	20		12/14/2024	2204
7439-89-6	Iron	16000		12/14/2024	2204
7439-92-1	Lead	18	*	12/14/2024	2204
7439-95-4	Magnesium	2700		12/14/2024	2204
7439-96-5	Manganese	1600		12/14/2024	2204
7440-02-0	Nickel	14		12/14/2024	2204
7440-09-7	Potassium	480	J	12/14/2024	2204
7782-49-2	Selenium	3.5	U*	12/14/2024	2204
7440-22-4	Silver	0.99	U	12/14/2024	2204
7440-23-5	Sodium	500	U	12/14/2024	2204
7440-28-0	Thallium	3.5		12/14/2024	2204
7440-62-2	Vanadium	14		12/14/2024	2204
7440-66-6	Zinc	22		12/14/2024	2204

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJ98

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ49

Matrix: SOIL Lab Sample ID: P4978-20

% Solids: 82 Date Received: 11/23/2024

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	9600		12/14/2024	2208
7440-36-0	Antimony	2.7	J	12/14/2024	2208
7440-38-2	Arsenic	16		12/14/2024	2208
7440-39-3	Barium	110		12/14/2024	2208
7440-41-7	Beryllium	0.70		12/14/2024	2208
7440-43-9	Cadmium	0.89		12/14/2024	2208
7440-70-2	Calcium	23000		12/14/2024	2208
7440-47-3	Chromium	14		12/14/2024	2208
7440-48-4	Cobalt	12	*	12/14/2024	2208
7440-50-8	Copper	24		12/14/2024	2208
7439-89-6	Iron	19000		12/14/2024	2208
7439-92-1	Lead	140	*	12/14/2024	2208
7439-95-4	Magnesium	10000		12/14/2024	2208
7439-96-5	Manganese	840		12/14/2024	2208
7440-02-0	Nickel	22		12/14/2024	2208
7440-09-7	Potassium	1100		12/14/2024	2208
7782-49-2	Selenium	1.4	J*	12/14/2024	2208
7440-22-4	Silver	1.0	U	12/14/2024	2208
7440-23-5	Sodium	520	U	12/14/2024	2208
7440-28-0	Thallium	1.8	J	12/14/2024	2208
7440-62-2	Vanadium	23		12/14/2024	2208
7440-66-6	Zinc	150		12/14/2024	2208

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJ99

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ49

Matrix: SOIL Lab Sample ID: P4978-21

% Solids: 82 Date Received: 11/23/2024

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	8700		12/14/2024	2211
7440-36-0	Antimony	2.1	J	12/14/2024	2211
7440-38-2	Arsenic	25		12/14/2024	2211
7440-39-3	Barium	100		12/14/2024	2211
7440-41-7	Beryllium	0.67		12/14/2024	2211
7440-43-9	Cadmium	1.2		12/14/2024	2211
7440-70-2	Calcium	26000		12/14/2024	2211
7440-47-3	Chromium	13		12/14/2024	2211
7440-48-4	Cobalt	11	*	12/14/2024	2211
7440-50-8	Copper	32		12/14/2024	2211
7439-89-6	Iron	17000		12/14/2024	2211
7439-92-1	Lead	180	*	12/14/2024	2211
7439-95-4	Magnesium	12000		12/14/2024	2211
7439-96-5	Manganese	900		12/14/2024	2211
7440-02-0	Nickel	20		12/14/2024	2211
7440-09-7	Potassium	720		12/14/2024	2211
7782-49-2	Selenium	4.7	*	12/14/2024	2211
7440-22-4	Silver	1.1	U	12/14/2024	2211
7440-23-5	Sodium	530	U	12/14/2024	2211
7440-28-0	Thallium	2.6		12/14/2024	2211
7440-62-2	Vanadium	22		12/14/2024	2211
7440-66-6	Zinc	220		12/14/2024	2211

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJA0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ49

Matrix: SOIL Lab Sample ID: P4978-22

% Solids: 78.7 Date Received: 11/23/2024

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	7800		12/14/2024	2215
7440-36-0	Antimony	2.4	J	12/14/2024	2215
7440-38-2	Arsenic	26		12/14/2024	2215
7440-39-3	Barium	110		12/14/2024	2215
7440-41-7	Beryllium	0.65		12/14/2024	2215
7440-43-9	Cadmium	1.3		12/14/2024	2215
7440-70-2	Calcium	19000		12/14/2024	2215
7440-47-3	Chromium	11		12/14/2024	2215
7440-48-4	Cobalt	12	*	12/14/2024	2215
7440-50-8	Copper	39		12/14/2024	2215
7439-89-6	Iron	18000		12/14/2024	2215
7439-92-1	Lead	120	*	12/14/2024	2215
7439-95-4	Magnesium	5700		12/14/2024	2215
7439-96-5	Manganese	1600		12/14/2024	2215
7440-02-0	Nickel	22		12/14/2024	2215
7440-09-7	Potassium	770		12/14/2024	2215
7782-49-2	Selenium	2.1	J*	12/14/2024	2215
7440-22-4	Silver	1.1	U	12/14/2024	2215
7440-23-5	Sodium	550	U	12/14/2024	2215
7440-28-0	Thallium	2.9		12/14/2024	2215
7440-62-2	Vanadium	21		12/14/2024	2215
7440-66-6	Zinc	220		12/14/2024	2215

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

Comments: