

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4K0

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4K0

Matrix: SOIL Lab Sample ID: P4519-01

% Solids: 97.5 Date Received: 10/23/2024

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	15000	D	10/31/2024	0107
7440-36-0	Antimony	0.85	JD	10/31/2024	0107
7440-38-2	Arsenic	24	D*	10/31/2024	0107
7440-39-3	Barium	160	D	10/31/2024	0107
7440-41-7	Beryllium	0.88	D	10/31/2024	0107
7440-43-9	Cadmium	1.3	D	10/31/2024	0107
7440-70-2	Calcium	6100	D*	10/31/2024	0107
7440-47-3	Chromium	32	D*	10/31/2024	0107
7440-48-4	Cobalt	19	D	10/31/2024	0107
7440-50-8	Copper	83	D*	10/31/2024	0107
7439-89-6	Iron	32000	D*	10/31/2024	0107
7439-92-1	Lead	24	D*	10/31/2024	0107
7439-95-4	Magnesium	7300	D	10/31/2024	0107
7439-96-5	Manganese	830	D	10/31/2024	0107
7440-02-0	Nickel	30	D*	10/31/2024	0107
7440-09-7	Potassium	4900	D	10/31/2024	0107
7782-49-2	Selenium	5.7	UD	10/31/2024	0107
7440-22-4	Silver	1.6	UD	10/31/2024	0107
7440-23-5	Sodium	220	JD	10/31/2024	0107
7440-28-0	Thallium	4.0	UD	10/31/2024	0107
7440-62-2	Vanadium	62	D*	10/31/2024	0107
7440-66-6	Zinc	91	D	10/31/2024	0107

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

Comments:

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MYE4K1

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4K0

Matrix: SOIL Lab Sample ID: P4519-02

% Solids: 97.8 Date Received: 10/23/2024

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	11000	D	10/31/2024	0111
7440-36-0	Antimony	1.0	JD	10/31/2024	0111
7440-38-2	Arsenic	14	D*	10/31/2024	0111
7440-39-3	Barium	130	D	10/31/2024	0111
7440-41-7	Beryllium	0.75	JD	10/31/2024	0111
7440-43-9	Cadmium	0.91	D	10/31/2024	0111
7440-70-2	Calcium	7500	D*	10/31/2024	0111
7440-47-3	Chromium	29	D*	10/31/2024	0111
7440-48-4	Cobalt	16	D	10/31/2024	0111
7440-50-8	Copper	33	D*	10/31/2024	0111
7439-89-6	Iron	31000	D*	10/31/2024	0111
7439-92-1	Lead	16	D*	10/31/2024	0111
7439-95-4	Magnesium	5700	D	10/31/2024	0111
7439-96-5	Manganese	610	D	10/31/2024	0111
7440-02-0	Nickel	27	D*	10/31/2024	0111
7440-09-7	Potassium	2400	D	10/31/2024	0111
7782-49-2	Selenium	5.6	UD	10/31/2024	0111
7440-22-4	Silver	1.6	UD	10/31/2024	0111
7440-23-5	Sodium	190	JD	10/31/2024	0111
7440-28-0	Thallium	4.0	UD	10/31/2024	0111
7440-62-2	Vanadium	75	D*	10/31/2024	0111
7440-66-6	Zinc	53	D	10/31/2024	0111

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

Comments:

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MYE4K2

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4K0

Matrix: SOIL Lab Sample ID: P4519-03

% Solids: 97.9 Date Received: 10/23/2024

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	11000	D	10/31/2024	0115
7440-36-0	Antimony	9.0	UD	10/31/2024	0115
7440-38-2	Arsenic	12	D*	10/31/2024	0115
7440-39-3	Barium	120	D	10/31/2024	0115
7440-41-7	Beryllium	0.62	JD	10/31/2024	0115
7440-43-9	Cadmium	0.78	D	10/31/2024	0115
7440-70-2	Calcium	8700	D*	10/31/2024	0115
7440-47-3	Chromium	22	D*	10/31/2024	0115
7440-48-4	Cobalt	15	D	10/31/2024	0115
7440-50-8	Copper	40	D*	10/31/2024	0115
7439-89-6	Iron	24000	D*	10/31/2024	0115
7439-92-1	Lead	16	D*	10/31/2024	0115
7439-95-4	Magnesium	5700	D	10/31/2024	0115
7439-96-5	Manganese	750	D	10/31/2024	0115
7440-02-0	Nickel	21	D*	10/31/2024	0115
7440-09-7	Potassium	3500	D	10/31/2024	0115
7782-49-2	Selenium	5.2	UD	10/31/2024	0115
7440-22-4	Silver	1.5	UD	10/31/2024	0115
7440-23-5	Sodium	240	JD	10/31/2024	0115
7440-28-0	Thallium	3.7	UD	10/31/2024	0115
7440-62-2	Vanadium	48	D*	10/31/2024	0115
7440-66-6	Zinc	55	D	10/31/2024	0115

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

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MYE4K3

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4K0

Matrix: SOIL Lab Sample ID: P4519-06

% Solids: 97.5 Date Received: 10/23/2024

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	10000	D	10/31/2024	0133
7440-36-0	Antimony	9.5	UD	10/31/2024	0133
7440-38-2	Arsenic	17	D*	10/31/2024	0133
7440-39-3	Barium	120	D	10/31/2024	0133
7440-41-7	Beryllium	0.65	JD	10/31/2024	0133
7440-43-9	Cadmium	0.85	D	10/31/2024	0133
7440-70-2	Calcium	7500	D*	10/31/2024	0133
7440-47-3	Chromium	21	D*	10/31/2024	0133
7440-48-4	Cobalt	14	D	10/31/2024	0133
7440-50-8	Copper	57	D*	10/31/2024	0133
7439-89-6	Iron	24000	D*	10/31/2024	0133
7439-92-1	Lead	20	D*	10/31/2024	0133
7439-95-4	Magnesium	5800	D	10/31/2024	0133
7439-96-5	Manganese	610	D	10/31/2024	0133
7440-02-0	Nickel	24	D*	10/31/2024	0133
7440-09-7	Potassium	3500	D	10/31/2024	0133
7782-49-2	Selenium	5.5	UD	10/31/2024	0133
7440-22-4	Silver	1.6	UD	10/31/2024	0133
7440-23-5	Sodium	320	JD	10/31/2024	0133
7440-28-0	Thallium	3.9	UD	10/31/2024	0133
7440-62-2	Vanadium	47	D*	10/31/2024	0133
7440-66-6	Zinc	65	D	10/31/2024	0133

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

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MYE4K4

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4K0

Matrix: SOIL Lab Sample ID: P4519-07

% Solids: 97.1 Date Received: 10/23/2024

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	14000	D	10/31/2024	0138
7440-36-0	Antimony	11	UD	10/31/2024	0138
7440-38-2	Arsenic	17	D*	10/31/2024	0138
7440-39-3	Barium	150	D	10/31/2024	0138
7440-41-7	Beryllium	0.81	JD	10/31/2024	0138
7440-43-9	Cadmium	1.0	D	10/31/2024	0138
7440-70-2	Calcium	8100	D*	10/31/2024	0138
7440-47-3	Chromium	28	D*	10/31/2024	0138
7440-48-4	Cobalt	18	D	10/31/2024	0138
7440-50-8	Copper	63	D*	10/31/2024	0138
7439-89-6	Iron	29000	D*	10/31/2024	0138
7439-92-1	Lead	21	D*	10/31/2024	0138
7439-95-4	Magnesium	6800	D	10/31/2024	0138
7439-96-5	Manganese	830	D	10/31/2024	0138
7440-02-0	Nickel	26	D*	10/31/2024	0138
7440-09-7	Potassium	4400	D	10/31/2024	0138
7782-49-2	Selenium	6.2	UD	10/31/2024	0138
7440-22-4	Silver	1.8	UD	10/31/2024	0138
7440-23-5	Sodium	220	JD	10/31/2024	0138
7440-28-0	Thallium	4.4	UD	10/31/2024	0138
7440-62-2	Vanadium	57	D*	10/31/2024	0138
7440-66-6	Zinc	75	D	10/31/2024	0138

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

Comments:

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MYE4K5

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4K0

Matrix: SOIL Lab Sample ID: P4519-08

% Solids: 97.3 Date Received: 10/23/2024

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	12000	D	10/31/2024	0142
7440-36-0	Antimony	1.2	JD	10/31/2024	0142
7440-38-2	Arsenic	20	D*	10/31/2024	0142
7440-39-3	Barium	130	D	10/31/2024	0142
7440-41-7	Beryllium	0.69	JD	10/31/2024	0142
7440-43-9	Cadmium	0.96	D	10/31/2024	0142
7440-70-2	Calcium	7900	D*	10/31/2024	0142
7440-47-3	Chromium	27	D*	10/31/2024	0142
7440-48-4	Cobalt	16	D	10/31/2024	0142
7440-50-8	Copper	58	D*	10/31/2024	0142
7439-89-6	Iron	26000	D*	10/31/2024	0142
7439-92-1	Lead	22	D*	10/31/2024	0142
7439-95-4	Magnesium	6700	D	10/31/2024	0142
7439-96-5	Manganese	650	D	10/31/2024	0142
7440-02-0	Nickel	27	D*	10/31/2024	0142
7440-09-7	Potassium	4600	D	10/31/2024	0142
7782-49-2	Selenium	6.4	UD	10/31/2024	0142
7440-22-4	Silver	1.8	UD	10/31/2024	0142
7440-23-5	Sodium	380	JD	10/31/2024	0142
7440-28-0	Thallium	4.6	UD	10/31/2024	0142
7440-62-2	Vanadium	51	D*	10/31/2024	0142
7440-66-6	Zinc	81	D	10/31/2024	0142

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

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MYE4K6

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4K0

Matrix: SOIL Lab Sample ID: P4519-09

% Solids: 95.2 Date Received: 10/23/2024

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	12000	D	10/31/2024	0146
7440-36-0	Antimony	11	UD	10/31/2024	0146
7440-38-2	Arsenic	14	D*	10/31/2024	0146
7440-39-3	Barium	130	D	10/31/2024	0146
7440-41-7	Beryllium	0.73	JD	10/31/2024	0146
7440-43-9	Cadmium	0.81	JD	10/31/2024	0146
7440-70-2	Calcium	8900	D*	10/31/2024	0146
7440-47-3	Chromium	23	D*	10/31/2024	0146
7440-48-4	Cobalt	15	D	10/31/2024	0146
7440-50-8	Copper	47	D*	10/31/2024	0146
7439-89-6	Iron	25000	D*	10/31/2024	0146
7439-92-1	Lead	17	D*	10/31/2024	0146
7439-95-4	Magnesium	5900	D	10/31/2024	0146
7439-96-5	Manganese	710	D	10/31/2024	0146
7440-02-0	Nickel	23	D*	10/31/2024	0146
7440-09-7	Potassium	4100	D	10/31/2024	0146
7782-49-2	Selenium	6.2	UD	10/31/2024	0146
7440-22-4	Silver	1.8	UD	10/31/2024	0146
7440-23-5	Sodium	180	JD	10/31/2024	0146
7440-28-0	Thallium	4.5	UD	10/31/2024	0146
7440-62-2	Vanadium	48	D*	10/31/2024	0146
7440-66-6	Zinc	65	D	10/31/2024	0146

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

Comments:

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MYE4K7

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4K0

Matrix: SOIL Lab Sample ID: P4519-10

% Solids: 96.2 Date Received: 10/23/2024

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	14000	D	10/31/2024	0151
7440-36-0	Antimony	10	UD	10/31/2024	0151
7440-38-2	Arsenic	29	D*	10/31/2024	0151
7440-39-3	Barium	160	D	10/31/2024	0151
7440-41-7	Beryllium	0.79	JD	10/31/2024	0151
7440-43-9	Cadmium	1.5	D	10/31/2024	0151
7440-70-2	Calcium	6500	D*	10/31/2024	0151
7440-47-3	Chromium	32	D*	10/31/2024	0151
7440-48-4	Cobalt	18	D	10/31/2024	0151
7440-50-8	Copper	110	D*	10/31/2024	0151
7439-89-6	Iron	30000	D*	10/31/2024	0151
7439-92-1	Lead	34	D*	10/31/2024	0151
7439-95-4	Magnesium	6900	D	10/31/2024	0151
7439-96-5	Manganese	860	D	10/31/2024	0151
7440-02-0	Nickel	32	D*	10/31/2024	0151
7440-09-7	Potassium	4900	D	10/31/2024	0151
7782-49-2	Selenium	6.1	UD	10/31/2024	0151
7440-22-4	Silver	1.8	UD	10/31/2024	0151
7440-23-5	Sodium	190	JD	10/31/2024	0151
7440-28-0	Thallium	4.4	UD	10/31/2024	0151
7440-62-2	Vanadium	58	D*	10/31/2024	0151
7440-66-6	Zinc	100	D	10/31/2024	0151

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

Comments:

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MYE4K8

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4K0

Matrix: SOIL Lab Sample ID: P4519-11

% Solids: 91.7 Date Received: 10/23/2024

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	16000	D	10/31/2024	0155
7440-36-0	Antimony	12	UD	10/31/2024	0155
7440-38-2	Arsenic	28	D*	10/31/2024	0155
7440-39-3	Barium	200	D	10/31/2024	0155
7440-41-7	Beryllium	0.91	JD	10/31/2024	0155
7440-43-9	Cadmium	1.5	D	10/31/2024	0155
7440-70-2	Calcium	7700	D*	10/31/2024	0155
7440-47-3	Chromium	36	D*	10/31/2024	0155
7440-48-4	Cobalt	21	D	10/31/2024	0155
7440-50-8	Copper	110	D*	10/31/2024	0155
7439-89-6	Iron	33000	D*	10/31/2024	0155
7439-92-1	Lead	33	D*	10/31/2024	0155
7439-95-4	Magnesium	8100	D	10/31/2024	0155
7439-96-5	Manganese	1100	D	10/31/2024	0155
7440-02-0	Nickel	36	D*	10/31/2024	0155
7440-09-7	Potassium	5400	D	10/31/2024	0155
7782-49-2	Selenium	7.0	UD	10/31/2024	0155
7440-22-4	Silver	2.0	UD	10/31/2024	0155
7440-23-5	Sodium	270	JD	10/31/2024	0155
7440-28-0	Thallium	5.0	UD	10/31/2024	0155
7440-62-2	Vanadium	63	D*	10/31/2024	0155
7440-66-6	Zinc	120	D	10/31/2024	0155

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

Comments:

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MYE4K9

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4K0

Matrix: SOIL Lab Sample ID: P4519-12

% Solids: 91.1 Date Received: 10/23/2024

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	15000	D	10/31/2024	0200
7440-36-0	Antimony	10	UD	10/31/2024	0200
7440-38-2	Arsenic	26	D*	10/31/2024	0200
7440-39-3	Barium	170	D	10/31/2024	0200
7440-41-7	Beryllium	0.73	JD	10/31/2024	0200
7440-43-9	Cadmium	1.2	D	10/31/2024	0200
7440-70-2	Calcium	8600	D*	10/31/2024	0200
7440-47-3	Chromium	41	D*	10/31/2024	0200
7440-48-4	Cobalt	21	D	10/31/2024	0200
7440-50-8	Copper	80	D*	10/31/2024	0200
7439-89-6	Iron	32000	D*	10/31/2024	0200
7439-92-1	Lead	22	D*	10/31/2024	0200
7439-95-4	Magnesium	9100	D	10/31/2024	0200
7439-96-5	Manganese	1000	D	10/31/2024	0200
7440-02-0	Nickel	40	D*	10/31/2024	0200
7440-09-7	Potassium	3500	D	10/31/2024	0200
7782-49-2	Selenium	6.0	UD	10/31/2024	0200
7440-22-4	Silver	1.7	UD	10/31/2024	0200
7440-23-5	Sodium	270	JD	10/31/2024	0200
7440-28-0	Thallium	4.3	UD	10/31/2024	0200
7440-62-2	Vanadium	68	D*	10/31/2024	0200
7440-66-6	Zinc	74	D	10/31/2024	0200

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

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MYE4L0

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4K0

Matrix: SOIL Lab Sample ID: P4519-13

% Solids: 95.5 Date Received: 10/23/2024

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	14000	D	10/31/2024	0204
7440-36-0	Antimony	11	UD	10/31/2024	0204
7440-38-2	Arsenic	21	D*	10/31/2024	0204
7440-39-3	Barium	180	D	10/31/2024	0204
7440-41-7	Beryllium	0.83	JD	10/31/2024	0204
7440-43-9	Cadmium	0.85	JD	10/31/2024	0204
7440-70-2	Calcium	12000	D*	10/31/2024	0204
7440-47-3	Chromium	29	D*	10/31/2024	0204
7440-48-4	Cobalt	17	D	10/31/2024	0204
7440-50-8	Copper	40	D*	10/31/2024	0204
7439-89-6	Iron	27000	D*	10/31/2024	0204
7439-92-1	Lead	16	D*	10/31/2024	0204
7439-95-4	Magnesium	6900	D	10/31/2024	0204
7439-96-5	Manganese	820	D	10/31/2024	0204
7440-02-0	Nickel	33	D*	10/31/2024	0204
7440-09-7	Potassium	3100	D	10/31/2024	0204
7782-49-2	Selenium	6.2	UD	10/31/2024	0204
7440-22-4	Silver	1.8	UD	10/31/2024	0204
7440-23-5	Sodium	880	UD	10/31/2024	0204
7440-28-0	Thallium	4.4	UD	10/31/2024	0204
7440-62-2	Vanadium	54	D*	10/31/2024	0204
7440-66-6	Zinc	61	D	10/31/2024	0204

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4L1

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4K0

Matrix: SOIL Lab Sample ID: P4519-14

% Solids: 94.1 Date Received: 10/23/2024

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	15000	D	10/31/2024	0217
7440-36-0	Antimony	11	UD	10/31/2024	0217
7440-38-2	Arsenic	24	D*	10/31/2024	0217
7440-39-3	Barium	160	D	10/31/2024	0217
7440-41-7	Beryllium	0.92	D	10/31/2024	0217
7440-43-9	Cadmium	1.3	D	10/31/2024	0217
7440-70-2	Calcium	6000	D*	10/31/2024	0217
7440-47-3	Chromium	31	D*	10/31/2024	0217
7440-48-4	Cobalt	19	D	10/31/2024	0217
7440-50-8	Copper	76	D*	10/31/2024	0217
7439-89-6	Iron	33000	D*	10/31/2024	0217
7439-92-1	Lead	24	D*	10/31/2024	0217
7439-95-4	Magnesium	7100	D	10/31/2024	0217
7439-96-5	Manganese	730	D	10/31/2024	0217
7440-02-0	Nickel	29	D*	10/31/2024	0217
7440-09-7	Potassium	4700	D	10/31/2024	0217
7782-49-2	Selenium	6.2	UD	10/31/2024	0217
7440-22-4	Silver	1.8	UD	10/31/2024	0217
7440-23-5	Sodium	200	JD	10/31/2024	0217
7440-28-0	Thallium	4.4	UD	10/31/2024	0217
7440-62-2	Vanadium	62	D*	10/31/2024	0217
7440-66-6	Zinc	82	D	10/31/2024	0217

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4L2

Lab Name: Alliance Technical Group, LLC

Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817

MA No. : 3226.1 SDG No.: MYE4K0

Matrix: SOIL

Lab Sample ID: P4519-15

% Solids: 94

Date Received: 10/23/2024

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	14000	D	10/31/2024	0222
7440-36-0	Antimony	8.7	UD	10/31/2024	0222
7440-38-2	Arsenic	21	D*	10/31/2024	0222
7440-39-3	Barium	150	D	10/31/2024	0222
7440-41-7	Beryllium	0.79	D	10/31/2024	0222
7440-43-9	Cadmium	1.2	D	10/31/2024	0222
7440-70-2	Calcium	5500	D*	10/31/2024	0222
7440-47-3	Chromium	28	D*	10/31/2024	0222
7440-48-4	Cobalt	19	D	10/31/2024	0222
7440-50-8	Copper	71	D*	10/31/2024	0222
7439-89-6	Iron	30000	D*	10/31/2024	0222
7439-92-1	Lead	23	D*	10/31/2024	0222
7439-95-4	Magnesium	6700	D	10/31/2024	0222
7439-96-5	Manganese	690	D	10/31/2024	0222
7440-02-0	Nickel	27	D*	10/31/2024	0222
7440-09-7	Potassium	4500	D	10/31/2024	0222
7782-49-2	Selenium	1.1	JD	10/31/2024	0222
7440-22-4	Silver	1.5	UD	10/31/2024	0222
7440-23-5	Sodium	190	JD	10/31/2024	0222
7440-28-0	Thallium	3.6	UD	10/31/2024	0222
7440-62-2	Vanadium	55	D*	10/31/2024	0222
7440-66-6	Zinc	75	D	10/31/2024	0222

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4P6

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4K0

Matrix: SOIL Lab Sample ID: P4519-16

% Solids: 92.1 Date Received: 10/23/2024

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	15000	D	10/31/2024	0226
7440-36-0	Antimony	11	UD	10/31/2024	0226
7440-38-2	Arsenic	30	D*	10/31/2024	0226
7440-39-3	Barium	190	D	10/31/2024	0226
7440-41-7	Beryllium	0.94	D	10/31/2024	0226
7440-43-9	Cadmium	1.1	D	10/31/2024	0226
7440-70-2	Calcium	2900	D*	10/31/2024	0226
7440-47-3	Chromium	27	D*	10/31/2024	0226
7440-48-4	Cobalt	19	D	10/31/2024	0226
7440-50-8	Copper	53	D*	10/31/2024	0226
7439-89-6	Iron	34000	D*	10/31/2024	0226
7439-92-1	Lead	19	D*	10/31/2024	0226
7439-95-4	Magnesium	6400	D	10/31/2024	0226
7439-96-5	Manganese	870	D	10/31/2024	0226
7440-02-0	Nickel	34	D*	10/31/2024	0226
7440-09-7	Potassium	2900	D	10/31/2024	0226
7782-49-2	Selenium	6.2	UD	10/31/2024	0226
7440-22-4	Silver	1.8	UD	10/31/2024	0226
7440-23-5	Sodium	890	UD	10/31/2024	0226
7440-28-0	Thallium	4.5	UD	10/31/2024	0226
7440-62-2	Vanadium	63	D*	10/31/2024	0226
7440-66-6	Zinc	64	D	10/31/2024	0226

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4P7

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4K0

Matrix: SOIL Lab Sample ID: P4519-17

% Solids: 97.8 Date Received: 10/23/2024

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	24000	D	10/31/2024	0231
7440-36-0	Antimony	1.8	JD	10/31/2024	0231
7440-38-2	Arsenic	76	D*	10/31/2024	0231
7440-39-3	Barium	230	D	10/31/2024	0231
7440-41-7	Beryllium	0.99	D	10/31/2024	0231
7440-43-9	Cadmium	2.5	D	10/31/2024	0231
7440-70-2	Calcium	64000	D*	10/31/2024	0231
7440-47-3	Chromium	350	D*	10/31/2024	0231
7440-48-4	Cobalt	62	D	10/31/2024	0231
7440-50-8	Copper	91	D*	10/31/2024	0231
7439-89-6	Iron	65000	D*	10/31/2024	0231
7439-92-1	Lead	11	D*	10/31/2024	0231
7439-95-4	Magnesium	24000	D	10/31/2024	0231
7439-96-5	Manganese	2800	D	10/31/2024	0231
7440-02-0	Nickel	240	D*	10/31/2024	0231
7440-09-7	Potassium	320	JD	10/31/2024	0231
7782-49-2	Selenium	5.5	UD	10/31/2024	0231
7440-22-4	Silver	1.6	UD	10/31/2024	0231
7440-23-5	Sodium	290	JD	10/31/2024	0231
7440-28-0	Thallium	3.9	UD	10/31/2024	0231
7440-62-2	Vanadium	170	D*	10/31/2024	0231
7440-66-6	Zinc	82	D	10/31/2024	0231

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4P8

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4K0

Matrix: SOIL Lab Sample ID: P4519-18

% Solids: 97.7 Date Received: 10/23/2024

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	16000	D	10/31/2024	0235
7440-36-0	Antimony	8.8	UD	10/31/2024	0235
7440-38-2	Arsenic	35	D*	10/31/2024	0235
7440-39-3	Barium	220	D	10/31/2024	0235
7440-41-7	Beryllium	0.96	D	10/31/2024	0235
7440-43-9	Cadmium	1.7	D	10/31/2024	0235
7440-70-2	Calcium	3900	D*	10/31/2024	0235
7440-47-3	Chromium	34	D*	10/31/2024	0235
7440-48-4	Cobalt	22	D	10/31/2024	0235
7440-50-8	Copper	99	D*	10/31/2024	0235
7439-89-6	Iron	34000	D*	10/31/2024	0235
7439-92-1	Lead	40	D*	10/31/2024	0235
7439-95-4	Magnesium	7700	D	10/31/2024	0235
7439-96-5	Manganese	1200	D	10/31/2024	0235
7440-02-0	Nickel	41	D*	10/31/2024	0235
7440-09-7	Potassium	3900	D	10/31/2024	0235
7782-49-2	Selenium	5.1	UD	10/31/2024	0235
7440-22-4	Silver	1.5	UD	10/31/2024	0235
7440-23-5	Sodium	190	JD	10/31/2024	0235
7440-28-0	Thallium	3.7	UD	10/31/2024	0235
7440-62-2	Vanadium	65	D*	10/31/2024	0235
7440-66-6	Zinc	110	D	10/31/2024	0235

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4P9

Lab Name: Alliance Technical Group, LLC

Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817

MA No. : 3226.1 SDG No.: MYE4K0

Matrix: SOIL

Lab Sample ID: P4519-19

% Solids: 98.7

Date Received: 10/23/2024

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	12000	D	10/31/2024	0239
7440-36-0	Antimony	0.91	JD	10/31/2024	0239
7440-38-2	Arsenic	29	D*	10/31/2024	0239
7440-39-3	Barium	160	D	10/31/2024	0239
7440-41-7	Beryllium	0.81	JD	10/31/2024	0239
7440-43-9	Cadmium	1.4	D	10/31/2024	0239
7440-70-2	Calcium	2400	D*	10/31/2024	0239
7440-47-3	Chromium	25	D*	10/31/2024	0239
7440-48-4	Cobalt	16	D	10/31/2024	0239
7440-50-8	Copper	80	D*	10/31/2024	0239
7439-89-6	Iron	28000	D*	10/31/2024	0239
7439-92-1	Lead	35	D*	10/31/2024	0239
7439-95-4	Magnesium	5800	D	10/31/2024	0239
7439-96-5	Manganese	780	D	10/31/2024	0239
7440-02-0	Nickel	29	D*	10/31/2024	0239
7440-09-7	Potassium	2700	D	10/31/2024	0239
7782-49-2	Selenium	6.0	UD	10/31/2024	0239
7440-22-4	Silver	1.7	UD	10/31/2024	0239
7440-23-5	Sodium	860	UD	10/31/2024	0239
7440-28-0	Thallium	4.3	UD	10/31/2024	0239
7440-62-2	Vanadium	54	D*	10/31/2024	0239
7440-66-6	Zinc	100	D	10/31/2024	0239

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4Q0

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4K0

Matrix: SOIL Lab Sample ID: P4519-20

% Solids: 95.5 Date Received: 10/23/2024

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	24000	D	10/31/2024	0244
7440-36-0	Antimony	1.6	JD	10/31/2024	0244
7440-38-2	Arsenic	50	D*	10/31/2024	0244
7440-39-3	Barium	100	D	10/31/2024	0244
7440-41-7	Beryllium	1.0	D	10/31/2024	0244
7440-43-9	Cadmium	2.6	D	10/31/2024	0244
7440-70-2	Calcium	7100	D*	10/31/2024	0244
7440-47-3	Chromium	17	D*	10/31/2024	0244
7440-48-4	Cobalt	41	D	10/31/2024	0244
7440-50-8	Copper	86	D*	10/31/2024	0244
7439-89-6	Iron	56000	D*	10/31/2024	0244
7439-92-1	Lead	23	D*	10/31/2024	0244
7439-95-4	Magnesium	9800	D	10/31/2024	0244
7439-96-5	Manganese	1500	D	10/31/2024	0244
7440-02-0	Nickel	21	D*	10/31/2024	0244
7440-09-7	Potassium	790	D	10/31/2024	0244
7782-49-2	Selenium	5.5	UD	10/31/2024	0244
7440-22-4	Silver	1.6	UD	10/31/2024	0244
7440-23-5	Sodium	390	JD	10/31/2024	0244
7440-28-0	Thallium	3.9	UD	10/31/2024	0244
7440-62-2	Vanadium	98	D*	10/31/2024	0244
7440-66-6	Zinc	210	D	10/31/2024	0244

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

Comments:

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MYE4Q1

Lab Name: Alliance Technical Group, LLC

Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817

MA No. : 3226.1 SDG No.: MYE4K0

Matrix: SOIL

Lab Sample ID: P4519-21

% Solids: 98.1

Date Received: 10/23/2024

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	15000	D	10/31/2024	0248
7440-36-0	Antimony	10	UD	10/31/2024	0248
7440-38-2	Arsenic	42	D*	10/31/2024	0248
7440-39-3	Barium	210	D	10/31/2024	0248
7440-41-7	Beryllium	0.93	D	10/31/2024	0248
7440-43-9	Cadmium	1.6	D	10/31/2024	0248
7440-70-2	Calcium	2800	D*	10/31/2024	0248
7440-47-3	Chromium	32	D*	10/31/2024	0248
7440-48-4	Cobalt	22	D	10/31/2024	0248
7440-50-8	Copper	100	D*	10/31/2024	0248
7439-89-6	Iron	35000	D*	10/31/2024	0248
7439-92-1	Lead	38	D*	10/31/2024	0248
7439-95-4	Magnesium	7500	D	10/31/2024	0248
7439-96-5	Manganese	1100	D	10/31/2024	0248
7440-02-0	Nickel	41	D*	10/31/2024	0248
7440-09-7	Potassium	2800	D	10/31/2024	0248
7782-49-2	Selenium	6.0	UD	10/31/2024	0248
7440-22-4	Silver	1.7	UD	10/31/2024	0248
7440-23-5	Sodium	850	UD	10/31/2024	0248
7440-28-0	Thallium	4.3	UD	10/31/2024	0248
7440-62-2	Vanadium	71	D*	10/31/2024	0248
7440-66-6	Zinc	87	D	10/31/2024	0248

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

Comments: