

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE450

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE450

Matrix: SOIL Lab Sample ID: P4477-01

% Solids: 91.8 Date Received: 10/22/2024

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	17000	D	10/26/2024	2017
7440-36-0	Antimony	1.6	JD	10/26/2024	2017
7440-38-2	Arsenic	39	D*	10/26/2024	2017
7440-39-3	Barium	180	D	10/26/2024	2017
7440-41-7	Beryllium	0.86	D	10/26/2024	2017
7440-43-9	Cadmium	0.87	D	10/26/2024	2017
7440-70-2	Calcium	13000	D	10/26/2024	2017
7440-47-3	Chromium	40	D	10/26/2024	2017
7440-48-4	Cobalt	21	D	10/26/2024	2017
7440-50-8	Copper	130	D	10/26/2024	2017
7439-89-6	Iron	38000	D	10/26/2024	2017
7439-92-1	Lead	40	D	10/26/2024	2017
7439-95-4	Magnesium	7900	D	10/26/2024	2017
7439-96-5	Manganese	950	D*	10/26/2024	2017
7440-02-0	Nickel	37	D	10/26/2024	2017
7440-09-7	Potassium	5400	D	10/26/2024	2017
7782-49-2	Selenium	5.9	UD	10/26/2024	2017
7440-22-4	Silver	1.7	UD	10/26/2024	2017
7440-23-5	Sodium	180	JD	10/26/2024	2017
7440-28-0	Thallium	4.2	UD	10/26/2024	2017
7440-62-2	Vanadium	72	D	10/26/2024	2017
7440-66-6	Zinc	110	D	10/26/2024	2017

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

Comments:

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MYE451

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE450

Matrix: SOIL Lab Sample ID: P4477-02

% Solids: 97.7 Date Received: 10/22/2024

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	10/26/2024	2021
7440-36-0	Antimony	1.2	JD	10/26/2024	2021
7440-38-2	Arsenic	29	D*	10/26/2024	2021
7440-39-3	Barium	150	D	10/26/2024	2021
7440-41-7	Beryllium	0.75	D	10/26/2024	2021
7440-43-9	Cadmium	0.65	JD	10/26/2024	2021
7440-70-2	Calcium	3900	D	10/26/2024	2021
7440-47-3	Chromium	32	D	10/26/2024	2021
7440-48-4	Cobalt	17	D	10/26/2024	2021
7440-50-8	Copper	93	D	10/26/2024	2021
7439-89-6	Iron	32000	D	10/26/2024	2021
7439-92-1	Lead	32	D	10/26/2024	2021
7439-95-4	Magnesium	6200	D	10/26/2024	2021
7439-96-5	Manganese	760	D*	10/26/2024	2021
7440-02-0	Nickel	31	D	10/26/2024	2021
7440-09-7	Potassium	4400	D	10/26/2024	2021
7782-49-2	Selenium	5.2	UD	10/26/2024	2021
7440-22-4	Silver	1.5	UD	10/26/2024	2021
7440-23-5	Sodium	150	JD	10/26/2024	2021
7440-28-0	Thallium	3.7	UD	10/26/2024	2021
7440-62-2	Vanadium	61	D	10/26/2024	2021
7440-66-6	Zinc	92	D	10/26/2024	2021

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

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MYE452

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE450

Matrix: SOIL Lab Sample ID: P4477-03

% Solids: 92.6 Date Received: 10/22/2024

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	19000	D	10/26/2024	2025
7440-36-0	Antimony	1.3	JD	10/26/2024	2025
7440-38-2	Arsenic	45	D*	10/26/2024	2025
7440-39-3	Barium	230	D	10/26/2024	2025
7440-41-7	Beryllium	0.97	D	10/26/2024	2025
7440-43-9	Cadmium	0.68	JD	10/26/2024	2025
7440-70-2	Calcium	9800	D	10/26/2024	2025
7440-47-3	Chromium	41	D	10/26/2024	2025
7440-48-4	Cobalt	22	D	10/26/2024	2025
7440-50-8	Copper	130	D	10/26/2024	2025
7439-89-6	Iron	40000	D	10/26/2024	2025
7439-92-1	Lead	41	D	10/26/2024	2025
7439-95-4	Magnesium	9200	D	10/26/2024	2025
7439-96-5	Manganese	1300	D*	10/26/2024	2025
7440-02-0	Nickel	42	D	10/26/2024	2025
7440-09-7	Potassium	4700	D	10/26/2024	2025
7782-49-2	Selenium	6.4	UD	10/26/2024	2025
7440-22-4	Silver	1.8	UD	10/26/2024	2025
7440-23-5	Sodium	230	JD	10/26/2024	2025
7440-28-0	Thallium	4.6	UD	10/26/2024	2025
7440-62-2	Vanadium	76	D	10/26/2024	2025
7440-66-6	Zinc	100	D	10/26/2024	2025

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

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MYE453

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE450

Matrix: SOIL Lab Sample ID: P4477-04

% Solids: 97.2 Date Received: 10/22/2024

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	10/26/2024	2030
7440-36-0	Antimony	2.1	JD	10/26/2024	2030
7440-38-2	Arsenic	77	D*	10/26/2024	2030
7440-39-3	Barium	200	D	10/26/2024	2030
7440-41-7	Beryllium	0.82	D	10/26/2024	2030
7440-43-9	Cadmium	0.78	D	10/26/2024	2030
7440-70-2	Calcium	4400	D	10/26/2024	2030
7440-47-3	Chromium	31	D	10/26/2024	2030
7440-48-4	Cobalt	20	D	10/26/2024	2030
7440-50-8	Copper	120	D	10/26/2024	2030
7439-89-6	Iron	34000	D	10/26/2024	2030
7439-92-1	Lead	42	D	10/26/2024	2030
7439-95-4	Magnesium	6500	D	10/26/2024	2030
7439-96-5	Manganese	1200	D*	10/26/2024	2030
7440-02-0	Nickel	32	D	10/26/2024	2030
7440-09-7	Potassium	4500	D	10/26/2024	2030
7782-49-2	Selenium	5.1	UD	10/26/2024	2030
7440-22-4	Silver	1.5	UD	10/26/2024	2030
7440-23-5	Sodium	180	JD	10/26/2024	2030
7440-28-0	Thallium	3.6	UD	10/26/2024	2030
7440-62-2	Vanadium	62	D	10/26/2024	2030
7440-66-6	Zinc	100	D	10/26/2024	2030

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

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MYE454

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE450

Matrix: SOIL Lab Sample ID: P4477-07

% Solids: 92.3 Date Received: 10/22/2024

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	10/26/2024	2056
7440-36-0	Antimony	1.2	JD	10/26/2024	2056
7440-38-2	Arsenic	26	D*	10/26/2024	2056
7440-39-3	Barium	150	D	10/26/2024	2056
7440-41-7	Beryllium	0.74	JD	10/26/2024	2056
7440-43-9	Cadmium	0.61	JD	10/26/2024	2056
7440-70-2	Calcium	5500	D	10/26/2024	2056
7440-47-3	Chromium	34	D	10/26/2024	2056
7440-48-4	Cobalt	18	D	10/26/2024	2056
7440-50-8	Copper	87	D	10/26/2024	2056
7439-89-6	Iron	33000	D	10/26/2024	2056
7439-92-1	Lead	28	D	10/26/2024	2056
7439-95-4	Magnesium	6500	D	10/26/2024	2056
7439-96-5	Manganese	780	D*	10/26/2024	2056
7440-02-0	Nickel	30	D	10/26/2024	2056
7440-09-7	Potassium	5000	D	10/26/2024	2056
7782-49-2	Selenium	5.9	UD	10/26/2024	2056
7440-22-4	Silver	1.7	UD	10/26/2024	2056
7440-23-5	Sodium	840	UD	10/26/2024	2056
7440-28-0	Thallium	4.2	UD	10/26/2024	2056
7440-62-2	Vanadium	63	D	10/26/2024	2056
7440-66-6	Zinc	96	D	10/26/2024	2056

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

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MYE455

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE450

Matrix: SOIL Lab Sample ID: P4477-08

% Solids: 92 Date Received: 10/22/2024

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	10/26/2024	2101
7440-36-0	Antimony	0.92	JD	10/26/2024	2101
7440-38-2	Arsenic	26	D*	10/26/2024	2101
7440-39-3	Barium	160	D	10/26/2024	2101
7440-41-7	Beryllium	0.76	JD	10/26/2024	2101
7440-43-9	Cadmium	0.59	JD	10/26/2024	2101
7440-70-2	Calcium	11000	D	10/26/2024	2101
7440-47-3	Chromium	33	D	10/26/2024	2101
7440-48-4	Cobalt	18	D	10/26/2024	2101
7440-50-8	Copper	88	D	10/26/2024	2101
7439-89-6	Iron	32000	D	10/26/2024	2101
7439-92-1	Lead	29	D	10/26/2024	2101
7439-95-4	Magnesium	7700	D	10/26/2024	2101
7439-96-5	Manganese	790	D*	10/26/2024	2101
7440-02-0	Nickel	32	D	10/26/2024	2101
7440-09-7	Potassium	5500	D	10/26/2024	2101
7782-49-2	Selenium	6.1	UD	10/26/2024	2101
7440-22-4	Silver	1.8	UD	10/26/2024	2101
7440-23-5	Sodium	590	JD	10/26/2024	2101
7440-28-0	Thallium	4.4	UD	10/26/2024	2101
7440-62-2	Vanadium	63	D	10/26/2024	2101
7440-66-6	Zinc	97	D	10/26/2024	2101

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

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MYE456

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE450

Matrix: SOIL Lab Sample ID: P4477-09

% Solids: 97.2 Date Received: 10/22/2024

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	17000	D	10/26/2024	2105
7440-36-0	Antimony	2.0	JD	10/26/2024	2105
7440-38-2	Arsenic	24	D*	10/26/2024	2105
7440-39-3	Barium	120	D	10/26/2024	2105
7440-41-7	Beryllium	0.79	JD	10/26/2024	2105
7440-43-9	Cadmium	0.30	JD	10/26/2024	2105
7440-70-2	Calcium	12000	D	10/26/2024	2105
7440-47-3	Chromium	46	D	10/26/2024	2105
7440-48-4	Cobalt	24	D	10/26/2024	2105
7440-50-8	Copper	88	D	10/26/2024	2105
7439-89-6	Iron	43000	D	10/26/2024	2105
7439-92-1	Lead	27	D	10/26/2024	2105
7439-95-4	Magnesium	11000	D	10/26/2024	2105
7439-96-5	Manganese	810	D*	10/26/2024	2105
7440-02-0	Nickel	46	D	10/26/2024	2105
7440-09-7	Potassium	4600	D	10/26/2024	2105
7782-49-2	Selenium	6.7	UD	10/26/2024	2105
7440-22-4	Silver	1.9	UD	10/26/2024	2105
7440-23-5	Sodium	300	JD	10/26/2024	2105
7440-28-0	Thallium	4.8	UD	10/26/2024	2105
7440-62-2	Vanadium	97	D	10/26/2024	2105
7440-66-6	Zinc	78	D	10/26/2024	2105

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

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MYE457

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE450

Matrix: SOIL Lab Sample ID: P4477-10

% Solids: 97.6 Date Received: 10/22/2024

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	10/26/2024	2109
7440-36-0	Antimony	1.3	JD	10/26/2024	2109
7440-38-2	Arsenic	41	D*	10/26/2024	2109
7440-39-3	Barium	170	D	10/26/2024	2109
7440-41-7	Beryllium	0.89	D	10/26/2024	2109
7440-43-9	Cadmium	0.79	D	10/26/2024	2109
7440-70-2	Calcium	2800	D	10/26/2024	2109
7440-47-3	Chromium	34	D	10/26/2024	2109
7440-48-4	Cobalt	21	D	10/26/2024	2109
7440-50-8	Copper	120	D	10/26/2024	2109
7439-89-6	Iron	37000	D	10/26/2024	2109
7439-92-1	Lead	38	D	10/26/2024	2109
7439-95-4	Magnesium	6800	D	10/26/2024	2109
7439-96-5	Manganese	910	D*	10/26/2024	2109
7440-02-0	Nickel	38	D	10/26/2024	2109
7440-09-7	Potassium	4600	D	10/26/2024	2109
7782-49-2	Selenium	5.1	UD	10/26/2024	2109
7440-22-4	Silver	1.4	UD	10/26/2024	2109
7440-23-5	Sodium	720	UD	10/26/2024	2109
7440-28-0	Thallium	3.6	UD	10/26/2024	2109
7440-62-2	Vanadium	68	D	10/26/2024	2109
7440-66-6	Zinc	96	D	10/26/2024	2109

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

Comments:

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MYE458

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE450

Matrix: SOIL Lab Sample ID: P4477-11

% Solids: 97.3 Date Received: 10/22/2024

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	13000	D	10/26/2024	2114
7440-36-0	Antimony	1.2	JD	10/26/2024	2114
7440-38-2	Arsenic	28	D*	10/26/2024	2114
7440-39-3	Barium	150	D	10/26/2024	2114
7440-41-7	Beryllium	0.69	JD	10/26/2024	2114
7440-43-9	Cadmium	0.70	JD	10/26/2024	2114
7440-70-2	Calcium	7800	D	10/26/2024	2114
7440-47-3	Chromium	30	D	10/26/2024	2114
7440-48-4	Cobalt	19	D	10/26/2024	2114
7440-50-8	Copper	97	D	10/26/2024	2114
7439-89-6	Iron	31000	D	10/26/2024	2114
7439-92-1	Lead	33	D	10/26/2024	2114
7439-95-4	Magnesium	6300	D	10/26/2024	2114
7439-96-5	Manganese	830	D*	10/26/2024	2114
7440-02-0	Nickel	29	D	10/26/2024	2114
7440-09-7	Potassium	4600	D	10/26/2024	2114
7782-49-2	Selenium	5.4	UD	10/26/2024	2114
7440-22-4	Silver	1.5	UD	10/26/2024	2114
7440-23-5	Sodium	160	JD	10/26/2024	2114
7440-28-0	Thallium	3.8	UD	10/26/2024	2114
7440-62-2	Vanadium	59	D	10/26/2024	2114
7440-66-6	Zinc	100	D	10/26/2024	2114

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

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MYE459

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE450

Matrix: SOIL Lab Sample ID: P4477-12

% Solids: 96.8 Date Received: 10/22/2024

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	13000	D	10/26/2024	2118
7440-36-0	Antimony	1.7	JD	10/26/2024	2118
7440-38-2	Arsenic	36	D*	10/26/2024	2118
7440-39-3	Barium	160	D	10/26/2024	2118
7440-41-7	Beryllium	0.77	D	10/26/2024	2118
7440-43-9	Cadmium	0.93	D	10/26/2024	2118
7440-70-2	Calcium	6400	D	10/26/2024	2118
7440-47-3	Chromium	32	D	10/26/2024	2118
7440-48-4	Cobalt	19	D	10/26/2024	2118
7440-50-8	Copper	120	D	10/26/2024	2118
7439-89-6	Iron	33000	D	10/26/2024	2118
7439-92-1	Lead	37	D	10/26/2024	2118
7439-95-4	Magnesium	6300	D	10/26/2024	2118
7439-96-5	Manganese	860	D*	10/26/2024	2118
7440-02-0	Nickel	34	D	10/26/2024	2118
7440-09-7	Potassium	4900	D	10/26/2024	2118
7782-49-2	Selenium	5.1	UD	10/26/2024	2118
7440-22-4	Silver	1.5	UD	10/26/2024	2118
7440-23-5	Sodium	230	JD	10/26/2024	2118
7440-28-0	Thallium	3.6	UD	10/26/2024	2118
7440-62-2	Vanadium	63	D	10/26/2024	2118
7440-66-6	Zinc	100	D	10/26/2024	2118

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

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MYE460

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE450

Matrix: SOIL Lab Sample ID: P4477-13

% Solids: 97.1 Date Received: 10/22/2024

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	10/26/2024	2123
7440-36-0	Antimony	1.1	JD	10/26/2024	2123
7440-38-2	Arsenic	26	D*	10/26/2024	2123
7440-39-3	Barium	160	D	10/26/2024	2123
7440-41-7	Beryllium	0.76	JD	10/26/2024	2123
7440-43-9	Cadmium	0.81	JD	10/26/2024	2123
7440-70-2	Calcium	9400	D	10/26/2024	2123
7440-47-3	Chromium	31	D	10/26/2024	2123
7440-48-4	Cobalt	17	D	10/26/2024	2123
7440-50-8	Copper	120	D	10/26/2024	2123
7439-89-6	Iron	31000	D	10/26/2024	2123
7439-92-1	Lead	35	D	10/26/2024	2123
7439-95-4	Magnesium	6900	D	10/26/2024	2123
7439-96-5	Manganese	830	D*	10/26/2024	2123
7440-02-0	Nickel	31	D	10/26/2024	2123
7440-09-7	Potassium	5200	D	10/26/2024	2123
7782-49-2	Selenium	6.1	UD	10/26/2024	2123
7440-22-4	Silver	1.7	UD	10/26/2024	2123
7440-23-5	Sodium	230	JD	10/26/2024	2123
7440-28-0	Thallium	4.3	UD	10/26/2024	2123
7440-62-2	Vanadium	57	D	10/26/2024	2123
7440-66-6	Zinc	110	D	10/26/2024	2123

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE461

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE450

Matrix: SOIL Lab Sample ID: P4477-14

% Solids: 98.9 Date Received: 10/22/2024

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	10/26/2024	2127
7440-36-0	Antimony	1.8	JD	10/26/2024	2127
7440-38-2	Arsenic	30	D*	10/26/2024	2127
7440-39-3	Barium	150	D	10/26/2024	2127
7440-41-7	Beryllium	0.84	JD	10/26/2024	2127
7440-43-9	Cadmium	0.63	JD	10/26/2024	2127
7440-70-2	Calcium	4600	D	10/26/2024	2127
7440-47-3	Chromium	32	D	10/26/2024	2127
7440-48-4	Cobalt	17	D	10/26/2024	2127
7440-50-8	Copper	97	D	10/26/2024	2127
7439-89-6	Iron	35000	D	10/26/2024	2127
7439-92-1	Lead	35	D	10/26/2024	2127
7439-95-4	Magnesium	6500	D	10/26/2024	2127
7439-96-5	Manganese	830	D*	10/26/2024	2127
7440-02-0	Nickel	30	D	10/26/2024	2127
7440-09-7	Potassium	4300	D	10/26/2024	2127
7782-49-2	Selenium	6.4	UD	10/26/2024	2127
7440-22-4	Silver	1.8	UD	10/26/2024	2127
7440-23-5	Sodium	910	UD	10/26/2024	2127
7440-28-0	Thallium	4.6	UD	10/26/2024	2127
7440-62-2	Vanadium	65	D	10/26/2024	2127
7440-66-6	Zinc	100	D	10/26/2024	2127

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE462

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE450

Matrix: SOIL Lab Sample ID: P4477-15

% Solids: 94.5 Date Received: 10/22/2024

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	10/26/2024	2131
7440-36-0	Antimony	1.1	JD	10/26/2024	2131
7440-38-2	Arsenic	26	D*	10/26/2024	2131
7440-39-3	Barium	130	D	10/26/2024	2131
7440-41-7	Beryllium	0.91	D	10/26/2024	2131
7440-43-9	Cadmium	0.31	JD	10/26/2024	2131
7440-70-2	Calcium	10000	D	10/26/2024	2131
7440-47-3	Chromium	30	D	10/26/2024	2131
7440-48-4	Cobalt	20	D	10/26/2024	2131
7440-50-8	Copper	64	D	10/26/2024	2131
7439-89-6	Iron	35000	D	10/26/2024	2131
7439-92-1	Lead	24	D	10/26/2024	2131
7439-95-4	Magnesium	9100	D	10/26/2024	2131
7439-96-5	Manganese	690	D*	10/26/2024	2131
7440-02-0	Nickel	47	D	10/26/2024	2131
7440-09-7	Potassium	2600	D	10/26/2024	2131
7782-49-2	Selenium	5.0	UD	10/26/2024	2131
7440-22-4	Silver	1.4	UD	10/26/2024	2131
7440-23-5	Sodium	670	JD	10/26/2024	2131
7440-28-0	Thallium	3.6	UD	10/26/2024	2131
7440-62-2	Vanadium	73	D	10/26/2024	2131
7440-66-6	Zinc	68	D	10/26/2024	2131

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE463

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE450

Matrix: SOIL Lab Sample ID: P4477-16

% Solids: 91.3 Date Received: 10/22/2024

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	20000	D	10/26/2024	2136
7440-36-0	Antimony	1.2	JD	10/26/2024	2136
7440-38-2	Arsenic	27	D*	10/26/2024	2136
7440-39-3	Barium	100	D	10/26/2024	2136
7440-41-7	Beryllium	0.72	JD	10/26/2024	2136
7440-43-9	Cadmium	0.32	JD	10/26/2024	2136
7440-70-2	Calcium	8100	D	10/26/2024	2136
7440-47-3	Chromium	61	D	10/26/2024	2136
7440-48-4	Cobalt	28	D	10/26/2024	2136
7440-50-8	Copper	100	D	10/26/2024	2136
7439-89-6	Iron	44000	D	10/26/2024	2136
7439-92-1	Lead	21	D	10/26/2024	2136
7439-95-4	Magnesium	13000	D	10/26/2024	2136
7439-96-5	Manganese	850	D*	10/26/2024	2136
7440-02-0	Nickel	56	D	10/26/2024	2136
7440-09-7	Potassium	3400	D	10/26/2024	2136
7782-49-2	Selenium	6.3	UD	10/26/2024	2136
7440-22-4	Silver	1.8	UD	10/26/2024	2136
7440-23-5	Sodium	300	JD	10/26/2024	2136
7440-28-0	Thallium	4.5	UD	10/26/2024	2136
7440-62-2	Vanadium	94	D	10/26/2024	2136
7440-66-6	Zinc	71	D	10/26/2024	2136

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE464

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE450

Matrix: SOIL Lab Sample ID: P4477-17

% Solids: 91.8 Date Received: 10/22/2024

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	18000	D	10/26/2024	2140
7440-36-0	Antimony	1.7	JD	10/26/2024	2140
7440-38-2	Arsenic	47	D*	10/26/2024	2140
7440-39-3	Barium	210	D	10/26/2024	2140
7440-41-7	Beryllium	1.0	D	10/26/2024	2140
7440-43-9	Cadmium	0.68	JD	10/26/2024	2140
7440-70-2	Calcium	11000	D	10/26/2024	2140
7440-47-3	Chromium	40	D	10/26/2024	2140
7440-48-4	Cobalt	21	D	10/26/2024	2140
7440-50-8	Copper	100	D	10/26/2024	2140
7439-89-6	Iron	43000	D	10/26/2024	2140
7439-92-1	Lead	36	D	10/26/2024	2140
7439-95-4	Magnesium	9200	D	10/26/2024	2140
7439-96-5	Manganese	1200	D*	10/26/2024	2140
7440-02-0	Nickel	42	D	10/26/2024	2140
7440-09-7	Potassium	5200	D	10/26/2024	2140
7782-49-2	Selenium	6.5	UD	10/26/2024	2140
7440-22-4	Silver	1.9	UD	10/26/2024	2140
7440-23-5	Sodium	740	JD	10/26/2024	2140
7440-28-0	Thallium	4.7	UD	10/26/2024	2140
7440-62-2	Vanadium	83	D	10/26/2024	2140
7440-66-6	Zinc	110	D	10/26/2024	2140

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE465

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE450

Matrix: SOIL Lab Sample ID: P4477-18

% Solids: 94.9 Date Received: 10/22/2024

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	21000	D	10/26/2024	2145
7440-36-0	Antimony	1.2	JD	10/26/2024	2145
7440-38-2	Arsenic	38	D*	10/26/2024	2145
7440-39-3	Barium	220	D	10/26/2024	2145
7440-41-7	Beryllium	1.0	D	10/26/2024	2145
7440-43-9	Cadmium	0.63	JD	10/26/2024	2145
7440-70-2	Calcium	12000	D	10/26/2024	2145
7440-47-3	Chromium	40	D	10/26/2024	2145
7440-48-4	Cobalt	25	D	10/26/2024	2145
7440-50-8	Copper	110	D	10/26/2024	2145
7439-89-6	Iron	42000	D	10/26/2024	2145
7439-92-1	Lead	36	D	10/26/2024	2145
7439-95-4	Magnesium	9900	D	10/26/2024	2145
7439-96-5	Manganese	1200	D*	10/26/2024	2145
7440-02-0	Nickel	52	D	10/26/2024	2145
7440-09-7	Potassium	4700	D	10/26/2024	2145
7782-49-2	Selenium	6.1	UD	10/26/2024	2145
7440-22-4	Silver	1.7	UD	10/26/2024	2145
7440-23-5	Sodium	230	JD	10/26/2024	2145
7440-28-0	Thallium	4.4	UD	10/26/2024	2145
7440-62-2	Vanadium	80	D	10/26/2024	2145
7440-66-6	Zinc	97	D	10/26/2024	2145

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE466

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE450

Matrix: SOIL Lab Sample ID: P4477-19

% Solids: 97.1 Date Received: 10/22/2024

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	10/26/2024	2149
7440-36-0	Antimony	1.8	JD	10/26/2024	2149
7440-38-2	Arsenic	34	D*	10/26/2024	2149
7440-39-3	Barium	160	D	10/26/2024	2149
7440-41-7	Beryllium	0.87	D	10/26/2024	2149
7440-43-9	Cadmium	0.81	JD	10/26/2024	2149
7440-70-2	Calcium	6300	D	10/26/2024	2149
7440-47-3	Chromium	33	D	10/26/2024	2149
7440-48-4	Cobalt	19	D	10/26/2024	2149
7440-50-8	Copper	130	D	10/26/2024	2149
7439-89-6	Iron	36000	D	10/26/2024	2149
7439-92-1	Lead	38	D	10/26/2024	2149
7439-95-4	Magnesium	7000	D	10/26/2024	2149
7439-96-5	Manganese	820	D*	10/26/2024	2149
7440-02-0	Nickel	35	D	10/26/2024	2149
7440-09-7	Potassium	4600	D	10/26/2024	2149
7782-49-2	Selenium	5.8	UD	10/26/2024	2149
7440-22-4	Silver	1.7	UD	10/26/2024	2149
7440-23-5	Sodium	220	JD	10/26/2024	2149
7440-28-0	Thallium	4.1	UD	10/26/2024	2149
7440-62-2	Vanadium	69	D	10/26/2024	2149
7440-66-6	Zinc	100	D	10/26/2024	2149

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE467

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE450

Matrix: SOIL Lab Sample ID: P4477-20

% Solids: 97.4 Date Received: 10/22/2024

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	18000	D	10/26/2024	2202
7440-36-0	Antimony	1.4	JD	10/26/2024	2202
7440-38-2	Arsenic	36	D*	10/26/2024	2202
7440-39-3	Barium	210	D	10/26/2024	2202
7440-41-7	Beryllium	0.90	JD	10/26/2024	2202
7440-43-9	Cadmium	0.50	JD	10/26/2024	2202
7440-70-2	Calcium	9200	D	10/26/2024	2202
7440-47-3	Chromium	36	D	10/26/2024	2202
7440-48-4	Cobalt	20	D	10/26/2024	2202
7440-50-8	Copper	85	D	10/26/2024	2202
7439-89-6	Iron	38000	D	10/26/2024	2202
7439-92-1	Lead	31	D	10/26/2024	2202
7439-95-4	Magnesium	7800	D	10/26/2024	2202
7439-96-5	Manganese	1000	D*	10/26/2024	2202
7440-02-0	Nickel	38	D	10/26/2024	2202
7440-09-7	Potassium	4300	D	10/26/2024	2202
7782-49-2	Selenium	6.4	UD	10/26/2024	2202
7440-22-4	Silver	1.8	UD	10/26/2024	2202
7440-23-5	Sodium	920	UD	10/26/2024	2202
7440-28-0	Thallium	4.6	UD	10/26/2024	2202
7440-62-2	Vanadium	72	D	10/26/2024	2202
7440-66-6	Zinc	84	D	10/26/2024	2202

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE468

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE450

Matrix: SOIL Lab Sample ID: P4477-21

% Solids: 94.6 Date Received: 10/22/2024

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	10/26/2024	2207
7440-36-0	Antimony	0.88	JD	10/26/2024	2207
7440-38-2	Arsenic	27	D*	10/26/2024	2207
7440-39-3	Barium	180	D	10/26/2024	2207
7440-41-7	Beryllium	0.85	D	10/26/2024	2207
7440-43-9	Cadmium	0.31	JD	10/26/2024	2207
7440-70-2	Calcium	5500	D	10/26/2024	2207
7440-47-3	Chromium	34	D	10/26/2024	2207
7440-48-4	Cobalt	20	D	10/26/2024	2207
7440-50-8	Copper	70	D	10/26/2024	2207
7439-89-6	Iron	34000	D	10/26/2024	2207
7439-92-1	Lead	23	D	10/26/2024	2207
7439-95-4	Magnesium	7100	D	10/26/2024	2207
7439-96-5	Manganese	880	D*	10/26/2024	2207
7440-02-0	Nickel	34	D	10/26/2024	2207
7440-09-7	Potassium	4500	D	10/26/2024	2207
7782-49-2	Selenium	5.3	UD	10/26/2024	2207
7440-22-4	Silver	1.5	UD	10/26/2024	2207
7440-23-5	Sodium	160	JD	10/26/2024	2207
7440-28-0	Thallium	3.8	UD	10/26/2024	2207
7440-62-2	Vanadium	62	D	10/26/2024	2207
7440-66-6	Zinc	74	D	10/26/2024	2207

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE469

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE450

Matrix: SOIL Lab Sample ID: P4477-22

% Solids: 94.7 Date Received: 10/22/2024

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	23000	D	10/26/2024	2211
7440-36-0	Antimony	1.2	JD	10/26/2024	2211
7440-38-2	Arsenic	44	D*	10/26/2024	2211
7440-39-3	Barium	290	D	10/26/2024	2211
7440-41-7	Beryllium	1.2	D	10/26/2024	2211
7440-43-9	Cadmium	0.60	JD	10/26/2024	2211
7440-70-2	Calcium	10000	D	10/26/2024	2211
7440-47-3	Chromium	43	D	10/26/2024	2211
7440-48-4	Cobalt	24	D	10/26/2024	2211
7440-50-8	Copper	96	D	10/26/2024	2211
7439-89-6	Iron	44000	D	10/26/2024	2211
7439-92-1	Lead	35	D	10/26/2024	2211
7439-95-4	Magnesium	10000	D	10/26/2024	2211
7439-96-5	Manganese	1700	D*	10/26/2024	2211
7440-02-0	Nickel	43	D	10/26/2024	2211
7440-09-7	Potassium	5200	D	10/26/2024	2211
7782-49-2	Selenium	5.6	UD	10/26/2024	2211
7440-22-4	Silver	1.6	UD	10/26/2024	2211
7440-23-5	Sodium	200	JD	10/26/2024	2211
7440-28-0	Thallium	4.0	UD	10/26/2024	2211
7440-62-2	Vanadium	78	D	10/26/2024	2211
7440-66-6	Zinc	100	D	10/26/2024	2211

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

Comments: