

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4D0

Lab Name: Alliance Technical Group, LLC

Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817

MA No. : 3226.1 SDG No.: MYE4D0

Matrix: SOIL

Lab Sample ID: P4482-01

% Solids: 96.6

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	13000	D	10/29/2024	2203
7440-36-0	Antimony	0.91	JD	10/29/2024	2203
7440-38-2	Arsenic	22	D	10/29/2024	2203
7440-39-3	Barium	140	D	10/29/2024	2203
7440-41-7	Beryllium	0.67	JD	10/29/2024	2203
7440-43-9	Cadmium	0.29	JD	10/29/2024	2203
7440-70-2	Calcium	7200	D	10/29/2024	2203
7440-47-3	Chromium	28	D	10/29/2024	2203
7440-48-4	Cobalt	15	D	10/29/2024	2203
7440-50-8	Copper	54	D	10/29/2024	2203
7439-89-6	Iron	29000	D	10/29/2024	2203
7439-92-1	Lead	18	D*	10/29/2024	2203
7439-95-4	Magnesium	5900	D	10/29/2024	2203
7439-96-5	Manganese	610	D*	10/29/2024	2203
7440-02-0	Nickel	24	D	10/29/2024	2203
7440-09-7	Potassium	3900	D	10/29/2024	2203
7782-49-2	Selenium	6.3	UD	10/29/2024	2203
7440-22-4	Silver	1.8	UD	10/29/2024	2203
7440-23-5	Sodium	210	JD	10/29/2024	2203
7440-28-0	Thallium	4.5	UD	10/29/2024	2203
7440-62-2	Vanadium	60	D	10/29/2024	2203
7440-66-6	Zinc	63	D	10/29/2024	2203

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

Comments:

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MYE4D1

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4D0

Matrix: SOIL Lab Sample ID: P4482-02

% Solids: 98.7 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	10/29/2024	2208
7440-36-0	Antimony	1.3	JD	10/29/2024	2208
7440-38-2	Arsenic	24	D	10/29/2024	2208
7440-39-3	Barium	140	D	10/29/2024	2208
7440-41-7	Beryllium	0.69	JD	10/29/2024	2208
7440-43-9	Cadmium	0.47	JD	10/29/2024	2208
7440-70-2	Calcium	5500	D	10/29/2024	2208
7440-47-3	Chromium	34	D	10/29/2024	2208
7440-48-4	Cobalt	17	D	10/29/2024	2208
7440-50-8	Copper	77	D	10/29/2024	2208
7439-89-6	Iron	33000	D	10/29/2024	2208
7439-92-1	Lead	26	D*	10/29/2024	2208
7439-95-4	Magnesium	6700	D	10/29/2024	2208
7439-96-5	Manganese	710	D*	10/29/2024	2208
7440-02-0	Nickel	28	D	10/29/2024	2208
7440-09-7	Potassium	4700	D	10/29/2024	2208
7782-49-2	Selenium	6.5	UD	10/29/2024	2208
7440-22-4	Silver	1.9	UD	10/29/2024	2208
7440-23-5	Sodium	200	JD	10/29/2024	2208
7440-28-0	Thallium	4.7	UD	10/29/2024	2208
7440-62-2	Vanadium	68	D	10/29/2024	2208
7440-66-6	Zinc	81	D	10/29/2024	2208

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

Comments:

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MYE4D2

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4D0

Matrix: SOIL Lab Sample ID: P4482-03

% Solids: 96.3 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	10/29/2024	2212
7440-36-0	Antimony	1.1	JD	10/29/2024	2212
7440-38-2	Arsenic	27	D	10/29/2024	2212
7440-39-3	Barium	150	D	10/29/2024	2212
7440-41-7	Beryllium	0.71	JD	10/29/2024	2212
7440-43-9	Cadmium	0.53	JD	10/29/2024	2212
7440-70-2	Calcium	7500	D	10/29/2024	2212
7440-47-3	Chromium	33	D	10/29/2024	2212
7440-48-4	Cobalt	17	D	10/29/2024	2212
7440-50-8	Copper	80	D	10/29/2024	2212
7439-89-6	Iron	33000	D	10/29/2024	2212
7439-92-1	Lead	24	D*	10/29/2024	2212
7439-95-4	Magnesium	6700	D	10/29/2024	2212
7439-96-5	Manganese	770	D*	10/29/2024	2212
7440-02-0	Nickel	29	D	10/29/2024	2212
7440-09-7	Potassium	4900	D	10/29/2024	2212
7782-49-2	Selenium	6.6	UD	10/29/2024	2212
7440-22-4	Silver	1.9	UD	10/29/2024	2212
7440-23-5	Sodium	270	JD	10/29/2024	2212
7440-28-0	Thallium	4.7	UD	10/29/2024	2212
7440-62-2	Vanadium	64	D	10/29/2024	2212
7440-66-6	Zinc	82	D	10/29/2024	2212

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

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MYE4D3

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4D0

Matrix: SOIL Lab Sample ID: P4482-04

% Solids: 99.1 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	10/29/2024	2217
7440-36-0	Antimony	1.2	JD	10/29/2024	2217
7440-38-2	Arsenic	13	D	10/29/2024	2217
7440-39-3	Barium	120	D	10/29/2024	2217
7440-41-7	Beryllium	0.66	JD	10/29/2024	2217
7440-43-9	Cadmium	0.23	JD	10/29/2024	2217
7440-70-2	Calcium	8300	D	10/29/2024	2217
7440-47-3	Chromium	29	D	10/29/2024	2217
7440-48-4	Cobalt	15	D	10/29/2024	2217
7440-50-8	Copper	45	D	10/29/2024	2217
7439-89-6	Iron	31000	D	10/29/2024	2217
7439-92-1	Lead	16	D*	10/29/2024	2217
7439-95-4	Magnesium	6400	D	10/29/2024	2217
7439-96-5	Manganese	740	D*	10/29/2024	2217
7440-02-0	Nickel	23	D	10/29/2024	2217
7440-09-7	Potassium	4100	D	10/29/2024	2217
7782-49-2	Selenium	6.1	UD	10/29/2024	2217
7440-22-4	Silver	1.8	UD	10/29/2024	2217
7440-23-5	Sodium	260	JD	10/29/2024	2217
7440-28-0	Thallium	4.4	UD	10/29/2024	2217
7440-62-2	Vanadium	60	D	10/29/2024	2217
7440-66-6	Zinc	60	D	10/29/2024	2217

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

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MYE4D4

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4D0

Matrix: SOIL Lab Sample ID: P4482-05

% Solids: 95.5 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	10/29/2024	2221
7440-36-0	Antimony	1.5	JD	10/29/2024	2221
7440-38-2	Arsenic	23	D	10/29/2024	2221
7440-39-3	Barium	150	D	10/29/2024	2221
7440-41-7	Beryllium	0.78	JD	10/29/2024	2221
7440-43-9	Cadmium	0.38	JD	10/29/2024	2221
7440-70-2	Calcium	7000	D	10/29/2024	2221
7440-47-3	Chromium	34	D	10/29/2024	2221
7440-48-4	Cobalt	18	D	10/29/2024	2221
7440-50-8	Copper	72	D	10/29/2024	2221
7439-89-6	Iron	35000	D	10/29/2024	2221
7439-92-1	Lead	21	D*	10/29/2024	2221
7439-95-4	Magnesium	7100	D	10/29/2024	2221
7439-96-5	Manganese	800	D*	10/29/2024	2221
7440-02-0	Nickel	29	D	10/29/2024	2221
7440-09-7	Potassium	5300	D	10/29/2024	2221
7782-49-2	Selenium	7.1	UD	10/29/2024	2221
7440-22-4	Silver	2.0	UD	10/29/2024	2221
7440-23-5	Sodium	240	JD	10/29/2024	2221
7440-28-0	Thallium	5.1	UD	10/29/2024	2221
7440-62-2	Vanadium	67	D	10/29/2024	2221
7440-66-6	Zinc	79	D	10/29/2024	2221

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

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MYE4D5

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4D0

Matrix: SOIL Lab Sample ID: P4482-06

% Solids: 98.5 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	8200	D	10/29/2024	2225
7440-36-0	Antimony	0.93	JD	10/29/2024	2225
7440-38-2	Arsenic	13	D	10/29/2024	2225
7440-39-3	Barium	79	D	10/29/2024	2225
7440-41-7	Beryllium	0.65	JD	10/29/2024	2225
7440-43-9	Cadmium	0.15	JD	10/29/2024	2225
7440-70-2	Calcium	5600	D	10/29/2024	2225
7440-47-3	Chromium	30	D	10/29/2024	2225
7440-48-4	Cobalt	18	D	10/29/2024	2225
7440-50-8	Copper	25	D	10/29/2024	2225
7439-89-6	Iron	44000	D	10/29/2024	2225
7439-92-1	Lead	14	D*	10/29/2024	2225
7439-95-4	Magnesium	4200	D	10/29/2024	2225
7439-96-5	Manganese	430	D*	10/29/2024	2225
7440-02-0	Nickel	22	D	10/29/2024	2225
7440-09-7	Potassium	1900	D	10/29/2024	2225
7782-49-2	Selenium	4.9	UD	10/29/2024	2225
7440-22-4	Silver	1.4	UD	10/29/2024	2225
7440-23-5	Sodium	240	JD	10/29/2024	2225
7440-28-0	Thallium	3.5	UD	10/29/2024	2225
7440-62-2	Vanadium	170	D	10/29/2024	2225
7440-66-6	Zinc	39	D	10/29/2024	2225

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

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MYE4D6

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4D0

Matrix: SOIL Lab Sample ID: P4482-07

% Solids: 95.3 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	11000	D	10/29/2024	2230
7440-36-0	Antimony	1.2	JD	10/29/2024	2230
7440-38-2	Arsenic	16	D	10/29/2024	2230
7440-39-3	Barium	110	D	10/29/2024	2230
7440-41-7	Beryllium	0.54	JD	10/29/2024	2230
7440-43-9	Cadmium	0.28	JD	10/29/2024	2230
7440-70-2	Calcium	7600	D	10/29/2024	2230
7440-47-3	Chromium	25	D	10/29/2024	2230
7440-48-4	Cobalt	13	D	10/29/2024	2230
7440-50-8	Copper	46	D	10/29/2024	2230
7439-89-6	Iron	26000	D	10/29/2024	2230
7439-92-1	Lead	20	D*	10/29/2024	2230
7439-95-4	Magnesium	5600	D	10/29/2024	2230
7439-96-5	Manganese	530	D*	10/29/2024	2230
7440-02-0	Nickel	23	D	10/29/2024	2230
7440-09-7	Potassium	2900	D	10/29/2024	2230
7782-49-2	Selenium	5.6	UD	10/29/2024	2230
7440-22-4	Silver	1.6	UD	10/29/2024	2230
7440-23-5	Sodium	230	JD	10/29/2024	2230
7440-28-0	Thallium	4.0	UD	10/29/2024	2230
7440-62-2	Vanadium	55	D	10/29/2024	2230
7440-66-6	Zinc	63	D	10/29/2024	2230

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

Comments:

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MYE4D7

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4D0

Matrix: SOIL Lab Sample ID: P4482-08

% 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	12000	D	10/29/2024	2234
7440-36-0	Antimony	0.79	JD	10/29/2024	2234
7440-38-2	Arsenic	16	D	10/29/2024	2234
7440-39-3	Barium	120	D	10/29/2024	2234
7440-41-7	Beryllium	0.62	JD	10/29/2024	2234
7440-43-9	Cadmium	0.19	JD	10/29/2024	2234
7440-70-2	Calcium	7000	D	10/29/2024	2234
7440-47-3	Chromium	29	D	10/29/2024	2234
7440-48-4	Cobalt	15	D	10/29/2024	2234
7440-50-8	Copper	33	D	10/29/2024	2234
7439-89-6	Iron	31000	D	10/29/2024	2234
7439-92-1	Lead	17	D*	10/29/2024	2234
7439-95-4	Magnesium	5700	D	10/29/2024	2234
7439-96-5	Manganese	600	D*	10/29/2024	2234
7440-02-0	Nickel	25	D	10/29/2024	2234
7440-09-7	Potassium	2800	D	10/29/2024	2234
7782-49-2	Selenium	5.2	UD	10/29/2024	2234
7440-22-4	Silver	1.5	UD	10/29/2024	2234
7440-23-5	Sodium	240	JD	10/29/2024	2234
7440-28-0	Thallium	3.7	UD	10/29/2024	2234
7440-62-2	Vanadium	71	D	10/29/2024	2234
7440-66-6	Zinc	53	D	10/29/2024	2234

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

Comments:

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MYE4D8

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4D0

Matrix: SOIL Lab Sample ID: P4482-09

% Solids: 91 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	10/29/2024	2248
7440-36-0	Antimony	0.95	JD	10/29/2024	2248
7440-38-2	Arsenic	18	D	10/29/2024	2248
7440-39-3	Barium	150	D	10/29/2024	2248
7440-41-7	Beryllium	0.77	JD	10/29/2024	2248
7440-43-9	Cadmium	0.29	JD	10/29/2024	2248
7440-70-2	Calcium	9100	D	10/29/2024	2248
7440-47-3	Chromium	33	D	10/29/2024	2248
7440-48-4	Cobalt	17	D	10/29/2024	2248
7440-50-8	Copper	45	D	10/29/2024	2248
7439-89-6	Iron	32000	D	10/29/2024	2248
7439-92-1	Lead	19	D*	10/29/2024	2248
7439-95-4	Magnesium	7000	D	10/29/2024	2248
7439-96-5	Manganese	710	D*	10/29/2024	2248
7440-02-0	Nickel	29	D	10/29/2024	2248
7440-09-7	Potassium	4100	D	10/29/2024	2248
7782-49-2	Selenium	7.1	UD	10/29/2024	2248
7440-22-4	Silver	2.0	UD	10/29/2024	2248
7440-23-5	Sodium	240	JD	10/29/2024	2248
7440-28-0	Thallium	5.0	UD	10/29/2024	2248
7440-62-2	Vanadium	67	D	10/29/2024	2248
7440-66-6	Zinc	65	D	10/29/2024	2248

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

Comments:

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MYE4D9

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4D0

Matrix: SOIL Lab Sample ID: P4482-10

% Solids: 91 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	10/29/2024	2252
7440-36-0	Antimony	1.1	JD	10/29/2024	2252
7440-38-2	Arsenic	20	D	10/29/2024	2252
7440-39-3	Barium	150	D	10/29/2024	2252
7440-41-7	Beryllium	0.77	JD	10/29/2024	2252
7440-43-9	Cadmium	0.34	JD	10/29/2024	2252
7440-70-2	Calcium	8700	D	10/29/2024	2252
7440-47-3	Chromium	32	D	10/29/2024	2252
7440-48-4	Cobalt	18	D	10/29/2024	2252
7440-50-8	Copper	58	D	10/29/2024	2252
7439-89-6	Iron	34000	D	10/29/2024	2252
7439-92-1	Lead	19	D*	10/29/2024	2252
7439-95-4	Magnesium	7200	D	10/29/2024	2252
7439-96-5	Manganese	890	D*	10/29/2024	2252
7440-02-0	Nickel	28	D	10/29/2024	2252
7440-09-7	Potassium	4500	D	10/29/2024	2252
7782-49-2	Selenium	6.5	UD	10/29/2024	2252
7440-22-4	Silver	1.9	UD	10/29/2024	2252
7440-23-5	Sodium	310	JD	10/29/2024	2252
7440-28-0	Thallium	4.6	UD	10/29/2024	2252
7440-62-2	Vanadium	67	D	10/29/2024	2252
7440-66-6	Zinc	68	D	10/29/2024	2252

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

Comments:

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MYE4E0

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4D0

Matrix: SOIL Lab Sample ID: P4482-11

% Solids: 96.1 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	16000	D	10/29/2024	2256
7440-36-0	Antimony	11	UD	10/29/2024	2256
7440-38-2	Arsenic	7.9	D	10/29/2024	2256
7440-39-3	Barium	140	D	10/29/2024	2256
7440-41-7	Beryllium	0.78	JD	10/29/2024	2256
7440-43-9	Cadmium	0.077	JD	10/29/2024	2256
7440-70-2	Calcium	8700	D	10/29/2024	2256
7440-47-3	Chromium	34	D	10/29/2024	2256
7440-48-4	Cobalt	16	D	10/29/2024	2256
7440-50-8	Copper	44	D	10/29/2024	2256
7439-89-6	Iron	34000	D	10/29/2024	2256
7439-92-1	Lead	16	D*	10/29/2024	2256
7439-95-4	Magnesium	7400	D	10/29/2024	2256
7439-96-5	Manganese	590	D*	10/29/2024	2256
7440-02-0	Nickel	24	D	10/29/2024	2256
7440-09-7	Potassium	2500	D	10/29/2024	2256
7782-49-2	Selenium	6.4	UD	10/29/2024	2256
7440-22-4	Silver	1.8	UD	10/29/2024	2256
7440-23-5	Sodium	290	JD	10/29/2024	2256
7440-28-0	Thallium	4.6	UD	10/29/2024	2256
7440-62-2	Vanadium	72	D	10/29/2024	2256
7440-66-6	Zinc	58	D	10/29/2024	2256

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

Comments:

FORM 1 - IN
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MYE4E1

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4D0

Matrix: SOIL Lab Sample ID: P4482-12

% Solids: 96.7 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	17000	D	10/29/2024	2301
7440-36-0	Antimony	1.6	JD	10/29/2024	2301
7440-38-2	Arsenic	18	D	10/29/2024	2301
7440-39-3	Barium	160	D	10/29/2024	2301
7440-41-7	Beryllium	0.79	JD	10/29/2024	2301
7440-43-9	Cadmium	0.41	JD	10/29/2024	2301
7440-70-2	Calcium	12000	D	10/29/2024	2301
7440-47-3	Chromium	34	D	10/29/2024	2301
7440-48-4	Cobalt	19	D	10/29/2024	2301
7440-50-8	Copper	61	D	10/29/2024	2301
7439-89-6	Iron	35000	D	10/29/2024	2301
7439-92-1	Lead	20	D*	10/29/2024	2301
7439-95-4	Magnesium	7700	D	10/29/2024	2301
7439-96-5	Manganese	900	D*	10/29/2024	2301
7440-02-0	Nickel	30	D	10/29/2024	2301
7440-09-7	Potassium	5700	D	10/29/2024	2301
7782-49-2	Selenium	5.6	UD	10/29/2024	2301
7440-22-4	Silver	1.6	UD	10/29/2024	2301
7440-23-5	Sodium	320	JD	10/29/2024	2301
7440-28-0	Thallium	4.0	UD	10/29/2024	2301
7440-62-2	Vanadium	69	D	10/29/2024	2301
7440-66-6	Zinc	77	D	10/29/2024	2301

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

Comments:

FORM 1 - IN
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MYE4E2

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4D0

Matrix: SOIL Lab Sample ID: P4482-13

% Solids: 92.9 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	18000	D	10/29/2024	2305
7440-36-0	Antimony	1.7	JD	10/29/2024	2305
7440-38-2	Arsenic	24	D	10/29/2024	2305
7440-39-3	Barium	170	D	10/29/2024	2305
7440-41-7	Beryllium	0.83	JD	10/29/2024	2305
7440-43-9	Cadmium	0.36	JD	10/29/2024	2305
7440-70-2	Calcium	8100	D	10/29/2024	2305
7440-47-3	Chromium	36	D	10/29/2024	2305
7440-48-4	Cobalt	19	D	10/29/2024	2305
7440-50-8	Copper	72	D	10/29/2024	2305
7439-89-6	Iron	36000	D	10/29/2024	2305
7439-92-1	Lead	23	D*	10/29/2024	2305
7439-95-4	Magnesium	7600	D	10/29/2024	2305
7439-96-5	Manganese	950	D*	10/29/2024	2305
7440-02-0	Nickel	32	D	10/29/2024	2305
7440-09-7	Potassium	5000	D	10/29/2024	2305
7782-49-2	Selenium	6.7	UD	10/29/2024	2305
7440-22-4	Silver	1.9	UD	10/29/2024	2305
7440-23-5	Sodium	260	JD	10/29/2024	2305
7440-28-0	Thallium	4.8	UD	10/29/2024	2305
7440-62-2	Vanadium	70	D	10/29/2024	2305
7440-66-6	Zinc	77	D	10/29/2024	2305

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

Comments:

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MYE4E3

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4D0

Matrix: SOIL Lab Sample ID: P4482-14

% Solids: 97.8 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	12000	D	10/29/2024	2310
7440-36-0	Antimony	0.91	JD	10/29/2024	2310
7440-38-2	Arsenic	14	D	10/29/2024	2310
7440-39-3	Barium	120	D	10/29/2024	2310
7440-41-7	Beryllium	0.64	JD	10/29/2024	2310
7440-43-9	Cadmium	0.21	JD	10/29/2024	2310
7440-70-2	Calcium	7000	D	10/29/2024	2310
7440-47-3	Chromium	27	D	10/29/2024	2310
7440-48-4	Cobalt	15	D	10/29/2024	2310
7440-50-8	Copper	37	D	10/29/2024	2310
7439-89-6	Iron	29000	D	10/29/2024	2310
7439-92-1	Lead	20	D*	10/29/2024	2310
7439-95-4	Magnesium	5500	D	10/29/2024	2310
7439-96-5	Manganese	590	D*	10/29/2024	2310
7440-02-0	Nickel	24	D	10/29/2024	2310
7440-09-7	Potassium	3300	D	10/29/2024	2310
7782-49-2	Selenium	5.2	UD	10/29/2024	2310
7440-22-4	Silver	1.5	UD	10/29/2024	2310
7440-23-5	Sodium	750	UD	10/29/2024	2310
7440-28-0	Thallium	3.7	UD	10/29/2024	2310
7440-62-2	Vanadium	67	D	10/29/2024	2310
7440-66-6	Zinc	55	D	10/29/2024	2310

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

Comments:

FORM 1 - IN
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MYE4E4

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4D0

Matrix: SOIL Lab Sample ID: P4482-17

% Solids: 97.5 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	13000	D	10/29/2024	2327
7440-36-0	Antimony	12	UD	10/29/2024	2327
7440-38-2	Arsenic	22	D	10/29/2024	2327
7440-39-3	Barium	130	D	10/29/2024	2327
7440-41-7	Beryllium	0.64	JD	10/29/2024	2327
7440-43-9	Cadmium	0.36	JD	10/29/2024	2327
7440-70-2	Calcium	5700	D	10/29/2024	2327
7440-47-3	Chromium	30	D	10/29/2024	2327
7440-48-4	Cobalt	16	D	10/29/2024	2327
7440-50-8	Copper	64	D	10/29/2024	2327
7439-89-6	Iron	30000	D	10/29/2024	2327
7439-92-1	Lead	21	D*	10/29/2024	2327
7439-95-4	Magnesium	6000	D	10/29/2024	2327
7439-96-5	Manganese	670	D*	10/29/2024	2327
7440-02-0	Nickel	26	D	10/29/2024	2327
7440-09-7	Potassium	3900	D	10/29/2024	2327
7782-49-2	Selenium	6.8	UD	10/29/2024	2327
7440-22-4	Silver	1.9	UD	10/29/2024	2327
7440-23-5	Sodium	260	JD	10/29/2024	2327
7440-28-0	Thallium	4.8	UD	10/29/2024	2327
7440-62-2	Vanadium	59	D	10/29/2024	2327
7440-66-6	Zinc	73	D	10/29/2024	2327

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

Comments:

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MYE4E5

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4D0

Matrix: SOIL Lab Sample ID: P4482-18

% Solids: 95.9 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	15000	D	10/29/2024	2332
7440-36-0	Antimony	0.91	JD	10/29/2024	2332
7440-38-2	Arsenic	19	D	10/29/2024	2332
7440-39-3	Barium	130	D	10/29/2024	2332
7440-41-7	Beryllium	0.67	JD	10/29/2024	2332
7440-43-9	Cadmium	0.34	JD	10/29/2024	2332
7440-70-2	Calcium	9000	D	10/29/2024	2332
7440-47-3	Chromium	45	D	10/29/2024	2332
7440-48-4	Cobalt	19	D	10/29/2024	2332
7440-50-8	Copper	70	D	10/29/2024	2332
7439-89-6	Iron	33000	D	10/29/2024	2332
7439-92-1	Lead	18	D*	10/29/2024	2332
7439-95-4	Magnesium	9100	D	10/29/2024	2332
7439-96-5	Manganese	690	D*	10/29/2024	2332
7440-02-0	Nickel	37	D	10/29/2024	2332
7440-09-7	Potassium	3800	D	10/29/2024	2332
7782-49-2	Selenium	6.6	UD	10/29/2024	2332
7440-22-4	Silver	1.9	UD	10/29/2024	2332
7440-23-5	Sodium	320	JD	10/29/2024	2332
7440-28-0	Thallium	4.7	UD	10/29/2024	2332
7440-62-2	Vanadium	69	D	10/29/2024	2332
7440-66-6	Zinc	67	D	10/29/2024	2332

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

Comments:

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MYE4E6

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4D0

Matrix: SOIL Lab Sample ID: P4482-19

% Solids: 93.4 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	17000	D	10/29/2024	2336
7440-36-0	Antimony	1.2	JD	10/29/2024	2336
7440-38-2	Arsenic	24	D	10/29/2024	2336
7440-39-3	Barium	170	D	10/29/2024	2336
7440-41-7	Beryllium	0.82	JD	10/29/2024	2336
7440-43-9	Cadmium	0.52	JD	10/29/2024	2336
7440-70-2	Calcium	7400	D	10/29/2024	2336
7440-47-3	Chromium	37	D	10/29/2024	2336
7440-48-4	Cobalt	20	D	10/29/2024	2336
7440-50-8	Copper	83	D	10/29/2024	2336
7439-89-6	Iron	35000	D	10/29/2024	2336
7439-92-1	Lead	27	D*	10/29/2024	2336
7439-95-4	Magnesium	7600	D	10/29/2024	2336
7439-96-5	Manganese	850	D*	10/29/2024	2336
7440-02-0	Nickel	33	D	10/29/2024	2336
7440-09-7	Potassium	5000	D	10/29/2024	2336
7782-49-2	Selenium	6.9	UD	10/29/2024	2336
7440-22-4	Silver	2.0	UD	10/29/2024	2336
7440-23-5	Sodium	270	JD	10/29/2024	2336
7440-28-0	Thallium	5.0	UD	10/29/2024	2336
7440-62-2	Vanadium	72	D	10/29/2024	2336
7440-66-6	Zinc	83	D	10/29/2024	2336

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

Comments:

FORM 1 - IN
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MYE4E7

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4D0

Matrix: SOIL Lab Sample ID: P4482-20

% Solids: 94.4 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	17000	D	10/29/2024	2341
7440-36-0	Antimony	0.85	JD	10/29/2024	2341
7440-38-2	Arsenic	23	D	10/29/2024	2341
7440-39-3	Barium	120	D	10/29/2024	2341
7440-41-7	Beryllium	0.65	JD	10/29/2024	2341
7440-43-9	Cadmium	0.35	JD	10/29/2024	2341
7440-70-2	Calcium	16000	D	10/29/2024	2341
7440-47-3	Chromium	43	D	10/29/2024	2341
7440-48-4	Cobalt	25	D	10/29/2024	2341
7440-50-8	Copper	78	D	10/29/2024	2341
7439-89-6	Iron	39000	D	10/29/2024	2341
7439-92-1	Lead	17	D*	10/29/2024	2341
7439-95-4	Magnesium	13000	D	10/29/2024	2341
7439-96-5	Manganese	700	D*	10/29/2024	2341
7440-02-0	Nickel	70	D	10/29/2024	2341
7440-09-7	Potassium	2700	D	10/29/2024	2341
7782-49-2	Selenium	6.1	UD	10/29/2024	2341
7440-22-4	Silver	1.8	UD	10/29/2024	2341
7440-23-5	Sodium	460	JD	10/29/2024	2341
7440-28-0	Thallium	4.4	UD	10/29/2024	2341
7440-62-2	Vanadium	87	D	10/29/2024	2341
7440-66-6	Zinc	58	D	10/29/2024	2341

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

Comments:

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MYE4E8

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4D0

Matrix: SOIL Lab Sample ID: P4482-21

% Solids: 93.5 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	10/29/2024	2345
7440-36-0	Antimony	1.6	JD	10/29/2024	2345
7440-38-2	Arsenic	17	D	10/29/2024	2345
7440-39-3	Barium	150	D	10/29/2024	2345
7440-41-7	Beryllium	0.75	JD	10/29/2024	2345
7440-43-9	Cadmium	0.51	JD	10/29/2024	2345
7440-70-2	Calcium	12000	D	10/29/2024	2345
7440-47-3	Chromium	33	D	10/29/2024	2345
7440-48-4	Cobalt	17	D	10/29/2024	2345
7440-50-8	Copper	58	D	10/29/2024	2345
7439-89-6	Iron	33000	D	10/29/2024	2345
7439-92-1	Lead	21	D*	10/29/2024	2345
7439-95-4	Magnesium	6900	D	10/29/2024	2345
7439-96-5	Manganese	740	D*	10/29/2024	2345
7440-02-0	Nickel	30	D	10/29/2024	2345
7440-09-7	Potassium	4600	D	10/29/2024	2345
7782-49-2	Selenium	6.2	UD	10/29/2024	2345
7440-22-4	Silver	1.8	UD	10/29/2024	2345
7440-23-5	Sodium	210	JD	10/29/2024	2345
7440-28-0	Thallium	4.5	UD	10/29/2024	2345
7440-62-2	Vanadium	69	D	10/29/2024	2345
7440-66-6	Zinc	75	D	10/29/2024	2345

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

Comments:

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MYE4E9

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4D0

Matrix: SOIL Lab Sample ID: P4482-22

% Solids: 89.6 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	18000	D	10/29/2024	2350
7440-36-0	Antimony	1.2	JD	10/29/2024	2350
7440-38-2	Arsenic	38	D	10/29/2024	2350
7440-39-3	Barium	190	D	10/29/2024	2350
7440-41-7	Beryllium	0.85	JD	10/29/2024	2350
7440-43-9	Cadmium	0.71	JD	10/29/2024	2350
7440-70-2	Calcium	11000	D	10/29/2024	2350
7440-47-3	Chromium	40	D	10/29/2024	2350
7440-48-4	Cobalt	20	D	10/29/2024	2350
7440-50-8	Copper	110	D	10/29/2024	2350
7439-89-6	Iron	36000	D	10/29/2024	2350
7439-92-1	Lead	32	D*	10/29/2024	2350
7439-95-4	Magnesium	8400	D	10/29/2024	2350
7439-96-5	Manganese	990	D*	10/29/2024	2350
7440-02-0	Nickel	39	D	10/29/2024	2350
7440-09-7	Potassium	3900	D	10/29/2024	2350
7782-49-2	Selenium	7.0	UD	10/29/2024	2350
7440-22-4	Silver	2.0	UD	10/29/2024	2350
7440-23-5	Sodium	360	JD	10/29/2024	2350
7440-28-0	Thallium	5.0	UD	10/29/2024	2350
7440-62-2	Vanadium	66	D	10/29/2024	2350
7440-66-6	Zinc	86	D	10/29/2024	2350

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

Comments: