

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4H0

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4H0

Matrix: SOIL Lab Sample ID: P4484-01

% Solids: 96.9 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	17000	D	10/31/2024	0306
7440-36-0	Antimony	0.85	JD	10/31/2024	0306
7440-38-2	Arsenic	29	D	10/31/2024	0306
7440-39-3	Barium	170	D	10/31/2024	0306
7440-41-7	Beryllium	0.91	D	10/31/2024	0306
7440-43-9	Cadmium	1.5	D	10/31/2024	0306
7440-70-2	Calcium	6400	D	10/31/2024	0306
7440-47-3	Chromium	42	D*	10/31/2024	0306
7440-48-4	Cobalt	21	D	10/31/2024	0306
7440-50-8	Copper	94	D	10/31/2024	0306
7439-89-6	Iron	36000	D	10/31/2024	0306
7439-92-1	Lead	29	D	10/31/2024	0306
7439-95-4	Magnesium	8000	D	10/31/2024	0306
7439-96-5	Manganese	910	D	10/31/2024	0306
7440-02-0	Nickel	39	D	10/31/2024	0306
7440-09-7	Potassium	5100	D	10/31/2024	0306
7782-49-2	Selenium	6.1	UD	10/31/2024	0306
7440-22-4	Silver	1.8	UD	10/31/2024	0306
7440-23-5	Sodium	550	JD	10/31/2024	0306
7440-28-0	Thallium	4.4	UD	10/31/2024	0306
7440-62-2	Vanadium	71	D	10/31/2024	0306
7440-66-6	Zinc	94	D	10/31/2024	0306

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

Comments:

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MYE4H1

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4H0

Matrix: SOIL Lab Sample ID: P4484-02

% Solids: 99.1 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	12000	D	10/31/2024	0311
7440-36-0	Antimony	1.4	JD	10/31/2024	0311
7440-38-2	Arsenic	42	D	10/31/2024	0311
7440-39-3	Barium	160	D	10/31/2024	0311
7440-41-7	Beryllium	0.90	D	10/31/2024	0311
7440-43-9	Cadmium	1.7	D	10/31/2024	0311
7440-70-2	Calcium	1900	D	10/31/2024	0311
7440-47-3	Chromium	29	D*	10/31/2024	0311
7440-48-4	Cobalt	19	D	10/31/2024	0311
7440-50-8	Copper	89	D	10/31/2024	0311
7439-89-6	Iron	37000	D	10/31/2024	0311
7439-92-1	Lead	40	D	10/31/2024	0311
7439-95-4	Magnesium	6200	D	10/31/2024	0311
7439-96-5	Manganese	860	D	10/31/2024	0311
7440-02-0	Nickel	34	D	10/31/2024	0311
7440-09-7	Potassium	2500	D	10/31/2024	0311
7782-49-2	Selenium	4.7	UD	10/31/2024	0311
7440-22-4	Silver	1.4	UD	10/31/2024	0311
7440-23-5	Sodium	150	JD	10/31/2024	0311
7440-28-0	Thallium	3.4	UD	10/31/2024	0311
7440-62-2	Vanadium	67	D	10/31/2024	0311
7440-66-6	Zinc	110	D	10/31/2024	0311

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

Comments:

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MYE4H2

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4H0

Matrix: SOIL Lab Sample ID: P4484-03

% Solids: 95.3 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	21000	D	10/31/2024	0315
7440-36-0	Antimony	2.7	JD	10/31/2024	0315
7440-38-2	Arsenic	160	D	10/31/2024	0315
7440-39-3	Barium	230	D	10/31/2024	0315
7440-41-7	Beryllium	1.2	D	10/31/2024	0315
7440-43-9	Cadmium	2.3	D	10/31/2024	0315
7440-70-2	Calcium	33000	D	10/31/2024	0315
7440-47-3	Chromium	250	D*	10/31/2024	0315
7440-48-4	Cobalt	50	D	10/31/2024	0315
7440-50-8	Copper	87	D	10/31/2024	0315
7439-89-6	Iron	65000	D	10/31/2024	0315
7439-92-1	Lead	16	D	10/31/2024	0315
7439-95-4	Magnesium	17000	D	10/31/2024	0315
7439-96-5	Manganese	2200	D	10/31/2024	0315
7440-02-0	Nickel	170	D	10/31/2024	0315
7440-09-7	Potassium	1400	D	10/31/2024	0315
7782-49-2	Selenium	5.5	UD	10/31/2024	0315
7440-22-4	Silver	1.6	UD	10/31/2024	0315
7440-23-5	Sodium	270	JD	10/31/2024	0315
7440-28-0	Thallium	3.9	UD	10/31/2024	0315
7440-62-2	Vanadium	150	D	10/31/2024	0315
7440-66-6	Zinc	83	D	10/31/2024	0315

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

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MYE4H3

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4H0

Matrix: SOIL Lab Sample ID: P4484-06

% Solids: 92.3 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	27000	D	10/31/2024	0333
7440-36-0	Antimony	3.3	JD	10/31/2024	0333
7440-38-2	Arsenic	49	D	10/31/2024	0333
7440-39-3	Barium	110	D	10/31/2024	0333
7440-41-7	Beryllium	1.1	D	10/31/2024	0333
7440-43-9	Cadmium	2.4	D	10/31/2024	0333
7440-70-2	Calcium	7500	D	10/31/2024	0333
7440-47-3	Chromium	22	D*	10/31/2024	0333
7440-48-4	Cobalt	33	D	10/31/2024	0333
7440-50-8	Copper	93	D	10/31/2024	0333
7439-89-6	Iron	59000	D	10/31/2024	0333
7439-92-1	Lead	22	D	10/31/2024	0333
7439-95-4	Magnesium	10000	D	10/31/2024	0333
7439-96-5	Manganese	1400	D	10/31/2024	0333
7440-02-0	Nickel	24	D	10/31/2024	0333
7440-09-7	Potassium	1000	D	10/31/2024	0333
7782-49-2	Selenium	6.9	UD	10/31/2024	0333
7440-22-4	Silver	2.0	UD	10/31/2024	0333
7440-23-5	Sodium	430	JD	10/31/2024	0333
7440-28-0	Thallium	4.9	UD	10/31/2024	0333
7440-62-2	Vanadium	100	D	10/31/2024	0333
7440-66-6	Zinc	220	D	10/31/2024	0333

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

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MYE4H4

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4H0

Matrix: SOIL Lab Sample ID: P4484-07

% Solids: 99.2 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	16000	D	10/31/2024	0337
7440-36-0	Antimony	3.1	JD	10/31/2024	0337
7440-38-2	Arsenic	67	D	10/31/2024	0337
7440-39-3	Barium	210	D	10/31/2024	0337
7440-41-7	Beryllium	1.1	D	10/31/2024	0337
7440-43-9	Cadmium	2.5	D	10/31/2024	0337
7440-70-2	Calcium	2300	D	10/31/2024	0337
7440-47-3	Chromium	37	D*	10/31/2024	0337
7440-48-4	Cobalt	26	D	10/31/2024	0337
7440-50-8	Copper	140	D	10/31/2024	0337
7439-89-6	Iron	49000	D	10/31/2024	0337
7439-92-1	Lead	64	D	10/31/2024	0337
7439-95-4	Magnesium	7800	D	10/31/2024	0337
7439-96-5	Manganese	1300	D	10/31/2024	0337
7440-02-0	Nickel	43	D	10/31/2024	0337
7440-09-7	Potassium	2700	D	10/31/2024	0337
7782-49-2	Selenium	5.2	UD	10/31/2024	0337
7440-22-4	Silver	1.5	UD	10/31/2024	0337
7440-23-5	Sodium	210	JD	10/31/2024	0337
7440-28-0	Thallium	3.7	UD	10/31/2024	0337
7440-62-2	Vanadium	97	D	10/31/2024	0337
7440-66-6	Zinc	130	D	10/31/2024	0337

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

Comments:

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MYE4H5

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4H0

Matrix: SOIL Lab Sample ID: P4484-08

% Solids: 96.7 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	15000	D	10/31/2024	0342
7440-36-0	Antimony	2.5	JD	10/31/2024	0342
7440-38-2	Arsenic	67	D	10/31/2024	0342
7440-39-3	Barium	200	D	10/31/2024	0342
7440-41-7	Beryllium	1.1	D	10/31/2024	0342
7440-43-9	Cadmium	2.0	D	10/31/2024	0342
7440-70-2	Calcium	2800	D	10/31/2024	0342
7440-47-3	Chromium	35	D*	10/31/2024	0342
7440-48-4	Cobalt	21	D	10/31/2024	0342
7440-50-8	Copper	110	D	10/31/2024	0342
7439-89-6	Iron	44000	D	10/31/2024	0342
7439-92-1	Lead	45	D	10/31/2024	0342
7439-95-4	Magnesium	6800	D	10/31/2024	0342
7439-96-5	Manganese	810	D	10/31/2024	0342
7440-02-0	Nickel	40	D	10/31/2024	0342
7440-09-7	Potassium	2700	D	10/31/2024	0342
7782-49-2	Selenium	5.8	UD	10/31/2024	0342
7440-22-4	Silver	1.7	UD	10/31/2024	0342
7440-23-5	Sodium	170	JD	10/31/2024	0342
7440-28-0	Thallium	4.1	UD	10/31/2024	0342
7440-62-2	Vanadium	85	D	10/31/2024	0342
7440-66-6	Zinc	120	D	10/31/2024	0342

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

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MYE4H6

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4H0

Matrix: SOIL Lab Sample ID: P4484-09

% Solids: 98.5 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	16000	D	10/31/2024	0355
7440-36-0	Antimony	2.1	JD	10/31/2024	0355
7440-38-2	Arsenic	72	D	10/31/2024	0355
7440-39-3	Barium	210	D	10/31/2024	0355
7440-41-7	Beryllium	1.1	D	10/31/2024	0355
7440-43-9	Cadmium	2.2	D	10/31/2024	0355
7440-70-2	Calcium	2900	D	10/31/2024	0355
7440-47-3	Chromium	37	D*	10/31/2024	0355
7440-48-4	Cobalt	22	D	10/31/2024	0355
7440-50-8	Copper	110	D	10/31/2024	0355
7439-89-6	Iron	47000	D	10/31/2024	0355
7439-92-1	Lead	49	D	10/31/2024	0355
7439-95-4	Magnesium	7300	D	10/31/2024	0355
7439-96-5	Manganese	860	D	10/31/2024	0355
7440-02-0	Nickel	43	D	10/31/2024	0355
7440-09-7	Potassium	2900	D	10/31/2024	0355
7782-49-2	Selenium	6.1	UD	10/31/2024	0355
7440-22-4	Silver	1.7	UD	10/31/2024	0355
7440-23-5	Sodium	210	JD	10/31/2024	0355
7440-28-0	Thallium	4.3	UD	10/31/2024	0355
7440-62-2	Vanadium	88	D	10/31/2024	0355
7440-66-6	Zinc	130	D	10/31/2024	0355

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

Comments:

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MYE4H8

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4H0

Matrix: SOIL Lab Sample ID: P4484-10

% 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	18000	D	10/31/2024	0359
7440-36-0	Antimony	2.0	JD	10/31/2024	0359
7440-38-2	Arsenic	55	D	10/31/2024	0359
7440-39-3	Barium	240	D	10/31/2024	0359
7440-41-7	Beryllium	1.2	D	10/31/2024	0359
7440-43-9	Cadmium	2.5	D	10/31/2024	0359
7440-70-2	Calcium	3800	D	10/31/2024	0359
7440-47-3	Chromium	42	D*	10/31/2024	0359
7440-48-4	Cobalt	25	D	10/31/2024	0359
7440-50-8	Copper	170	D	10/31/2024	0359
7439-89-6	Iron	47000	D	10/31/2024	0359
7439-92-1	Lead	55	D	10/31/2024	0359
7439-95-4	Magnesium	8300	D	10/31/2024	0359
7439-96-5	Manganese	1100	D	10/31/2024	0359
7440-02-0	Nickel	48	D	10/31/2024	0359
7440-09-7	Potassium	3500	D	10/31/2024	0359
7782-49-2	Selenium	6.9	UD	10/31/2024	0359
7440-22-4	Silver	2.0	UD	10/31/2024	0359
7440-23-5	Sodium	980	UD	10/31/2024	0359
7440-28-0	Thallium	4.9	UD	10/31/2024	0359
7440-62-2	Vanadium	90	D	10/31/2024	0359
7440-66-6	Zinc	150	D	10/31/2024	0359

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

Comments:

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MYE4H9

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4H0

Matrix: SOIL Lab Sample ID: P4484-11

% Solids: 97.4 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	18000	D	10/31/2024	0404
7440-36-0	Antimony	2.1	JD	10/31/2024	0404
7440-38-2	Arsenic	47	D	10/31/2024	0404
7440-39-3	Barium	260	D	10/31/2024	0404
7440-41-7	Beryllium	1.1	D	10/31/2024	0404
7440-43-9	Cadmium	1.8	D	10/31/2024	0404
7440-70-2	Calcium	3200	D	10/31/2024	0404
7440-47-3	Chromium	45	D*	10/31/2024	0404
7440-48-4	Cobalt	25	D	10/31/2024	0404
7440-50-8	Copper	90	D	10/31/2024	0404
7439-89-6	Iron	45000	D	10/31/2024	0404
7439-92-1	Lead	30	D	10/31/2024	0404
7439-95-4	Magnesium	7700	D	10/31/2024	0404
7439-96-5	Manganese	1300	D	10/31/2024	0404
7440-02-0	Nickel	47	D	10/31/2024	0404
7440-09-7	Potassium	2900	D	10/31/2024	0404
7782-49-2	Selenium	5.5	UD	10/31/2024	0404
7440-22-4	Silver	1.6	UD	10/31/2024	0404
7440-23-5	Sodium	190	JD	10/31/2024	0404
7440-28-0	Thallium	3.9	UD	10/31/2024	0404
7440-62-2	Vanadium	88	D	10/31/2024	0404
7440-66-6	Zinc	86	D	10/31/2024	0404

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MYE4J0

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4H0

Matrix: SOIL Lab Sample ID: P4484-12

% 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	15000	D	10/31/2024	0408
7440-36-0	Antimony	1.4	JD	10/31/2024	0408
7440-38-2	Arsenic	49	D	10/31/2024	0408
7440-39-3	Barium	190	D	10/31/2024	0408
7440-41-7	Beryllium	1.0	D	10/31/2024	0408
7440-43-9	Cadmium	2.1	D	10/31/2024	0408
7440-70-2	Calcium	2600	D	10/31/2024	0408
7440-47-3	Chromium	35	D*	10/31/2024	0408
7440-48-4	Cobalt	21	D	10/31/2024	0408
7440-50-8	Copper	130	D	10/31/2024	0408
7439-89-6	Iron	41000	D	10/31/2024	0408
7439-92-1	Lead	49	D	10/31/2024	0408
7439-95-4	Magnesium	7300	D	10/31/2024	0408
7439-96-5	Manganese	850	D	10/31/2024	0408
7440-02-0	Nickel	39	D	10/31/2024	0408
7440-09-7	Potassium	2800	D	10/31/2024	0408
7782-49-2	Selenium	6.0	UD	10/31/2024	0408
7440-22-4	Silver	1.7	UD	10/31/2024	0408
7440-23-5	Sodium	170	JD	10/31/2024	0408
7440-28-0	Thallium	4.3	UD	10/31/2024	0408
7440-62-2	Vanadium	84	D	10/31/2024	0408
7440-66-6	Zinc	130	D	10/31/2024	0408

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MYE4J1

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4H0

Matrix: SOIL Lab Sample ID: P4484-13

% Solids: 98 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	0412
7440-36-0	Antimony	1.7	JD	10/31/2024	0412
7440-38-2	Arsenic	54	D	10/31/2024	0412
7440-39-3	Barium	190	D	10/31/2024	0412
7440-41-7	Beryllium	1.0	D	10/31/2024	0412
7440-43-9	Cadmium	2.0	D	10/31/2024	0412
7440-70-2	Calcium	2700	D	10/31/2024	0412
7440-47-3	Chromium	35	D*	10/31/2024	0412
7440-48-4	Cobalt	23	D	10/31/2024	0412
7440-50-8	Copper	120	D	10/31/2024	0412
7439-89-6	Iron	42000	D	10/31/2024	0412
7439-92-1	Lead	44	D	10/31/2024	0412
7439-95-4	Magnesium	7200	D	10/31/2024	0412
7439-96-5	Manganese	950	D	10/31/2024	0412
7440-02-0	Nickel	40	D	10/31/2024	0412
7440-09-7	Potassium	3100	D	10/31/2024	0412
7782-49-2	Selenium	6.6	UD	10/31/2024	0412
7440-22-4	Silver	1.9	UD	10/31/2024	0412
7440-23-5	Sodium	200	JD	10/31/2024	0412
7440-28-0	Thallium	4.7	UD	10/31/2024	0412
7440-62-2	Vanadium	79	D	10/31/2024	0412
7440-66-6	Zinc	120	D	10/31/2024	0412

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

Comments:

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MYE4J2

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4H0

Matrix: SOIL Lab Sample ID: P4484-14

% Solids: 98.2 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	17000	D	10/31/2024	0417
7440-36-0	Antimony	1.8	JD	10/31/2024	0417
7440-38-2	Arsenic	53	D	10/31/2024	0417
7440-39-3	Barium	220	D	10/31/2024	0417
7440-41-7	Beryllium	1.1	D	10/31/2024	0417
7440-43-9	Cadmium	2.3	D	10/31/2024	0417
7440-70-2	Calcium	2900	D	10/31/2024	0417
7440-47-3	Chromium	41	D*	10/31/2024	0417
7440-48-4	Cobalt	25	D	10/31/2024	0417
7440-50-8	Copper	140	D	10/31/2024	0417
7439-89-6	Iron	45000	D	10/31/2024	0417
7439-92-1	Lead	57	D	10/31/2024	0417
7439-95-4	Magnesium	8200	D	10/31/2024	0417
7439-96-5	Manganese	1000	D	10/31/2024	0417
7440-02-0	Nickel	47	D	10/31/2024	0417
7440-09-7	Potassium	3100	D	10/31/2024	0417
7782-49-2	Selenium	5.6	UD	10/31/2024	0417
7440-22-4	Silver	1.6	UD	10/31/2024	0417
7440-23-5	Sodium	180	JD	10/31/2024	0417
7440-28-0	Thallium	4.0	UD	10/31/2024	0417
7440-62-2	Vanadium	92	D	10/31/2024	0417
7440-66-6	Zinc	130	D	10/31/2024	0417

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

Comments:

FORM 1 - IN
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MYE4J3

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4H0

Matrix: SOIL Lab Sample ID: P4484-15

% Solids: 98.9 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	14000	D	10/31/2024	0421
7440-36-0	Antimony	2.6	JD	10/31/2024	0421
7440-38-2	Arsenic	50	D	10/31/2024	0421
7440-39-3	Barium	190	D	10/31/2024	0421
7440-41-7	Beryllium	1.1	D	10/31/2024	0421
7440-43-9	Cadmium	2.0	D	10/31/2024	0421
7440-70-2	Calcium	2200	D	10/31/2024	0421
7440-47-3	Chromium	33	D*	10/31/2024	0421
7440-48-4	Cobalt	25	D	10/31/2024	0421
7440-50-8	Copper	100	D	10/31/2024	0421
7439-89-6	Iron	45000	D	10/31/2024	0421
7439-92-1	Lead	45	D	10/31/2024	0421
7439-95-4	Magnesium	6900	D	10/31/2024	0421
7439-96-5	Manganese	1000	D	10/31/2024	0421
7440-02-0	Nickel	37	D	10/31/2024	0421
7440-09-7	Potassium	2600	D	10/31/2024	0421
7782-49-2	Selenium	6.1	UD	10/31/2024	0421
7440-22-4	Silver	1.7	UD	10/31/2024	0421
7440-23-5	Sodium	870	UD	10/31/2024	0421
7440-28-0	Thallium	4.4	UD	10/31/2024	0421
7440-62-2	Vanadium	87	D	10/31/2024	0421
7440-66-6	Zinc	120	D	10/31/2024	0421

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

Comments:

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MYE4J4

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4H0

Matrix: SOIL Lab Sample ID: P4484-16

% Solids: 98.2 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	15000	D	10/31/2024	0426
7440-36-0	Antimony	2.9	JD	10/31/2024	0426
7440-38-2	Arsenic	47	D	10/31/2024	0426
7440-39-3	Barium	220	D	10/31/2024	0426
7440-41-7	Beryllium	0.97	D	10/31/2024	0426
7440-43-9	Cadmium	2.2	D	10/31/2024	0426
7440-70-2	Calcium	3600	D	10/31/2024	0426
7440-47-3	Chromium	33	D*	10/31/2024	0426
7440-48-4	Cobalt	21	D	10/31/2024	0426
7440-50-8	Copper	140	D	10/31/2024	0426
7439-89-6	Iron	42000	D	10/31/2024	0426
7439-92-1	Lead	57	D	10/31/2024	0426
7439-95-4	Magnesium	7500	D	10/31/2024	0426
7439-96-5	Manganese	960	D	10/31/2024	0426
7440-02-0	Nickel	40	D	10/31/2024	0426
7440-09-7	Potassium	2700	D	10/31/2024	0426
7782-49-2	Selenium	5.5	UD	10/31/2024	0426
7440-22-4	Silver	1.6	UD	10/31/2024	0426
7440-23-5	Sodium	230	JD	10/31/2024	0426
7440-28-0	Thallium	4.0	UD	10/31/2024	0426
7440-62-2	Vanadium	82	D	10/31/2024	0426
7440-66-6	Zinc	130	D	10/31/2024	0426

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

Comments:

FORM 1 - IN
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MYE4J5

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4H0

Matrix: SOIL Lab Sample ID: P4484-17

% Solids: 96.3 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	17000	D	10/31/2024	0430
7440-36-0	Antimony	1.0	JD	10/31/2024	0430
7440-38-2	Arsenic	26	D	10/31/2024	0430
7440-39-3	Barium	170	D	10/31/2024	0430
7440-41-7	Beryllium	0.90	D	10/31/2024	0430
7440-43-9	Cadmium	1.4	D	10/31/2024	0430
7440-70-2	Calcium	11000	D	10/31/2024	0430
7440-47-3	Chromium	34	D*	10/31/2024	0430
7440-48-4	Cobalt	19	D	10/31/2024	0430
7440-50-8	Copper	83	D	10/31/2024	0430
7439-89-6	Iron	35000	D	10/31/2024	0430
7439-92-1	Lead	25	D	10/31/2024	0430
7439-95-4	Magnesium	7400	D	10/31/2024	0430
7439-96-5	Manganese	920	D	10/31/2024	0430
7440-02-0	Nickel	32	D	10/31/2024	0430
7440-09-7	Potassium	5000	D	10/31/2024	0430
7782-49-2	Selenium	6.0	UD	10/31/2024	0430
7440-22-4	Silver	1.7	UD	10/31/2024	0430
7440-23-5	Sodium	310	JD	10/31/2024	0430
7440-28-0	Thallium	4.3	UD	10/31/2024	0430
7440-62-2	Vanadium	68	D	10/31/2024	0430
7440-66-6	Zinc	89	D	10/31/2024	0430

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

Comments:

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MYE4J6

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4H0

Matrix: SOIL Lab Sample ID: P4484-18

% Solids: 96.4 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	0434
7440-36-0	Antimony	1.1	JD	10/31/2024	0434
7440-38-2	Arsenic	30	D	10/31/2024	0434
7440-39-3	Barium	150	D	10/31/2024	0434
7440-41-7	Beryllium	0.87	D	10/31/2024	0434
7440-43-9	Cadmium	1.6	D	10/31/2024	0434
7440-70-2	Calcium	5800	D	10/31/2024	0434
7440-47-3	Chromium	35	D*	10/31/2024	0434
7440-48-4	Cobalt	19	D	10/31/2024	0434
7440-50-8	Copper	110	D	10/31/2024	0434
7439-89-6	Iron	34000	D	10/31/2024	0434
7439-92-1	Lead	34	D	10/31/2024	0434
7439-95-4	Magnesium	7300	D	10/31/2024	0434
7439-96-5	Manganese	780	D	10/31/2024	0434
7440-02-0	Nickel	33	D	10/31/2024	0434
7440-09-7	Potassium	5500	D	10/31/2024	0434
7782-49-2	Selenium	5.6	UD	10/31/2024	0434
7440-22-4	Silver	1.6	UD	10/31/2024	0434
7440-23-5	Sodium	500	JD	10/31/2024	0434
7440-28-0	Thallium	4.0	UD	10/31/2024	0434
7440-62-2	Vanadium	69	D	10/31/2024	0434
7440-66-6	Zinc	100	D	10/31/2024	0434

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

Comments:

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MYE4J7

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4H0

Matrix: SOIL Lab Sample ID: P4484-19

% Solids: 98.4 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	9500	D	10/31/2024	0439
7440-36-0	Antimony	0.86	JD	10/31/2024	0439
7440-38-2	Arsenic	11	D	10/31/2024	0439
7440-39-3	Barium	97	D	10/31/2024	0439
7440-41-7	Beryllium	0.66	JD	10/31/2024	0439
7440-43-9	Cadmium	0.79	JD	10/31/2024	0439
7440-70-2	Calcium	5700	D	10/31/2024	0439
7440-47-3	Chromium	26	D*	10/31/2024	0439
7440-48-4	Cobalt	13	D	10/31/2024	0439
7440-50-8	Copper	28	D	10/31/2024	0439
7439-89-6	Iron	27000	D	10/31/2024	0439
7439-92-1	Lead	14	D	10/31/2024	0439
7439-95-4	Magnesium	4800	D	10/31/2024	0439
7439-96-5	Manganese	490	D	10/31/2024	0439
7440-02-0	Nickel	22	D	10/31/2024	0439
7440-09-7	Potassium	2200	D	10/31/2024	0439
7782-49-2	Selenium	5.7	UD	10/31/2024	0439
7440-22-4	Silver	1.6	UD	10/31/2024	0439
7440-23-5	Sodium	220	JD	10/31/2024	0439
7440-28-0	Thallium	4.0	UD	10/31/2024	0439
7440-62-2	Vanadium	71	D	10/31/2024	0439
7440-66-6	Zinc	47	D	10/31/2024	0439

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

Comments:

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MYE4J8

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4H0

Matrix: SOIL Lab Sample ID: P4484-20

% 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	0443
7440-36-0	Antimony	11	UD	10/31/2024	0443
7440-38-2	Arsenic	20	D	10/31/2024	0443
7440-39-3	Barium	140	D	10/31/2024	0443
7440-41-7	Beryllium	0.71	JD	10/31/2024	0443
7440-43-9	Cadmium	1.1	D	10/31/2024	0443
7440-70-2	Calcium	10000	D	10/31/2024	0443
7440-47-3	Chromium	27	D*	10/31/2024	0443
7440-48-4	Cobalt	14	D	10/31/2024	0443
7440-50-8	Copper	64	D	10/31/2024	0443
7439-89-6	Iron	27000	D	10/31/2024	0443
7439-92-1	Lead	23	D	10/31/2024	0443
7439-95-4	Magnesium	6500	D	10/31/2024	0443
7439-96-5	Manganese	680	D	10/31/2024	0443
7440-02-0	Nickel	27	D	10/31/2024	0443
7440-09-7	Potassium	3500	D	10/31/2024	0443
7782-49-2	Selenium	6.5	UD	10/31/2024	0443
7440-22-4	Silver	1.9	UD	10/31/2024	0443
7440-23-5	Sodium	240	JD	10/31/2024	0443
7440-28-0	Thallium	4.7	UD	10/31/2024	0443
7440-62-2	Vanadium	56	D	10/31/2024	0443
7440-66-6	Zinc	88	D	10/31/2024	0443

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

Comments:

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MYE4J9

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4H0

Matrix: SOIL Lab Sample ID: P4484-21

% Solids: 95 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	19000	D	10/31/2024	0448
7440-36-0	Antimony	1.0	JD	10/31/2024	0448
7440-38-2	Arsenic	19	D	10/31/2024	0448
7440-39-3	Barium	190	D	10/31/2024	0448
7440-41-7	Beryllium	1.1	D	10/31/2024	0448
7440-43-9	Cadmium	1.3	D	10/31/2024	0448
7440-70-2	Calcium	9000	D	10/31/2024	0448
7440-47-3	Chromium	36	D*	10/31/2024	0448
7440-48-4	Cobalt	21	D	10/31/2024	0448
7440-50-8	Copper	59	D	10/31/2024	0448
7439-89-6	Iron	35000	D	10/31/2024	0448
7439-92-1	Lead	22	D	10/31/2024	0448
7439-95-4	Magnesium	8000	D	10/31/2024	0448
7439-96-5	Manganese	910	D	10/31/2024	0448
7440-02-0	Nickel	36	D	10/31/2024	0448
7440-09-7	Potassium	4800	D	10/31/2024	0448
7782-49-2	Selenium	6.2	UD	10/31/2024	0448
7440-22-4	Silver	1.8	UD	10/31/2024	0448
7440-23-5	Sodium	280	JD	10/31/2024	0448
7440-28-0	Thallium	4.4	UD	10/31/2024	0448
7440-62-2	Vanadium	68	D	10/31/2024	0448
7440-66-6	Zinc	82	D	10/31/2024	0448

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

Comments:

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MYE4L3

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4H0

Matrix: SOIL Lab Sample ID: P4484-22

% Solids: 85.8 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	17000	D	10/31/2024	0452
7440-36-0	Antimony	13	UD	10/31/2024	0452
7440-38-2	Arsenic	23	D	10/31/2024	0452
7440-39-3	Barium	160	D	10/31/2024	0452
7440-41-7	Beryllium	0.94	JD	10/31/2024	0452
7440-43-9	Cadmium	1.2	D	10/31/2024	0452
7440-70-2	Calcium	8300	D	10/31/2024	0452
7440-47-3	Chromium	34	D*	10/31/2024	0452
7440-48-4	Cobalt	19	D	10/31/2024	0452
7440-50-8	Copper	73	D	10/31/2024	0452
7439-89-6	Iron	35000	D	10/31/2024	0452
7439-92-1	Lead	23	D	10/31/2024	0452
7439-95-4	Magnesium	7500	D	10/31/2024	0452
7439-96-5	Manganese	810	D	10/31/2024	0452
7440-02-0	Nickel	30	D	10/31/2024	0452
7440-09-7	Potassium	5800	D	10/31/2024	0452
7782-49-2	Selenium	7.3	UD	10/31/2024	0452
7440-22-4	Silver	2.1	UD	10/31/2024	0452
7440-23-5	Sodium	290	JD	10/31/2024	0452
7440-28-0	Thallium	5.2	UD	10/31/2024	0452
7440-62-2	Vanadium	69	D	10/31/2024	0452
7440-66-6	Zinc	84	D	10/31/2024	0452

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

Comments: