

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4L4

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4L4

Matrix: SOIL Lab Sample ID: P4520-01

% Solids: 93.9 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	11/13/2024	0643
7440-36-0	Antimony	11	UD	11/13/2024	0643
7440-38-2	Arsenic	8.9	D	11/13/2024	0643
7440-39-3	Barium	99	D	11/13/2024	0643
7440-41-7	Beryllium	0.20	JD	11/13/2024	0643
7440-43-9	Cadmium	1.1	D	11/13/2024	0643
7440-70-2	Calcium	8000	D	11/13/2024	0643
7440-47-3	Chromium	49	D	11/13/2024	0643
7440-48-4	Cobalt	23	D	11/13/2024	0643
7440-50-8	Copper	63	D	11/13/2024	0643
7439-89-6	Iron	28000	D	11/13/2024	0643
7439-92-1	Lead	13	D	11/13/2024	0643
7439-95-4	Magnesium	10000	D	11/13/2024	0643
7439-96-5	Manganese	730	D	11/13/2024	0643
7440-02-0	Nickel	42	D	11/13/2024	0643
7440-09-7	Potassium	2400	D	11/13/2024	0643
7782-49-2	Selenium	6.4	UD	11/13/2024	0643
7440-22-4	Silver	1.8	UD	11/13/2024	0643
7440-23-5	Sodium	260	JD	11/13/2024	0643
7440-28-0	Thallium	4.6	UD	11/13/2024	0643
7440-62-2	Vanadium	59	D	11/13/2024	0643
7440-66-6	Zinc	54	D*	11/13/2024	0643

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

Comments:

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MYE4L5

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4L4

Matrix: SOIL Lab Sample ID: P4520-02

% Solids: 92.9 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	13000	D	11/13/2024	0648
7440-36-0	Antimony	11	UD	11/13/2024	0648
7440-38-2	Arsenic	13	D	11/13/2024	0648
7440-39-3	Barium	150	D	11/13/2024	0648
7440-41-7	Beryllium	0.45	JD	11/13/2024	0648
7440-43-9	Cadmium	1.1	D	11/13/2024	0648
7440-70-2	Calcium	8800	D	11/13/2024	0648
7440-47-3	Chromium	24	D	11/13/2024	0648
7440-48-4	Cobalt	17	D	11/13/2024	0648
7440-50-8	Copper	53	D	11/13/2024	0648
7439-89-6	Iron	24000	D	11/13/2024	0648
7439-92-1	Lead	18	D	11/13/2024	0648
7439-95-4	Magnesium	6400	D	11/13/2024	0648
7439-96-5	Manganese	750	D	11/13/2024	0648
7440-02-0	Nickel	25	D	11/13/2024	0648
7440-09-7	Potassium	3500	D	11/13/2024	0648
7782-49-2	Selenium	6.1	UD	11/13/2024	0648
7440-22-4	Silver	1.8	UD	11/13/2024	0648
7440-23-5	Sodium	220	JD	11/13/2024	0648
7440-28-0	Thallium	4.4	UD	11/13/2024	0648
7440-62-2	Vanadium	49	D	11/13/2024	0648
7440-66-6	Zinc	63	D*	11/13/2024	0648

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

Comments:

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MYE4L6

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4L4

Matrix: SOIL Lab Sample ID: P4520-03

% 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	7100	D	11/13/2024	0652
7440-36-0	Antimony	8.3	UD	11/13/2024	0652
7440-38-2	Arsenic	5.9	D	11/13/2024	0652
7440-39-3	Barium	72	D	11/13/2024	0652
7440-41-7	Beryllium	0.22	JD	11/13/2024	0652
7440-43-9	Cadmium	0.59	JD	11/13/2024	0652
7440-70-2	Calcium	6900	D	11/13/2024	0652
7440-47-3	Chromium	15	D	11/13/2024	0652
7440-48-4	Cobalt	9.6	D	11/13/2024	0652
7440-50-8	Copper	23	D	11/13/2024	0652
7439-89-6	Iron	16000	D	11/13/2024	0652
7439-92-1	Lead	9.8	D	11/13/2024	0652
7439-95-4	Magnesium	5300	D	11/13/2024	0652
7439-96-5	Manganese	420	D	11/13/2024	0652
7440-02-0	Nickel	17	D	11/13/2024	0652
7440-09-7	Potassium	1400	D	11/13/2024	0652
7782-49-2	Selenium	4.8	UD	11/13/2024	0652
7440-22-4	Silver	1.4	UD	11/13/2024	0652
7440-23-5	Sodium	180	JD	11/13/2024	0652
7440-28-0	Thallium	3.5	UD	11/13/2024	0652
7440-62-2	Vanadium	32	D	11/13/2024	0652
7440-66-6	Zinc	41	D*	11/13/2024	0652

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

Comments:

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MYE4L7

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4L4

Matrix: SOIL Lab Sample ID: P4520-04

% 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	11/13/2024	0656
7440-36-0	Antimony	11	UD	11/13/2024	0656
7440-38-2	Arsenic	11	D	11/13/2024	0656
7440-39-3	Barium	180	D	11/13/2024	0656
7440-41-7	Beryllium	0.48	JD	11/13/2024	0656
7440-43-9	Cadmium	1.2	D	11/13/2024	0656
7440-70-2	Calcium	13000	D	11/13/2024	0656
7440-47-3	Chromium	26	D	11/13/2024	0656
7440-48-4	Cobalt	19	D	11/13/2024	0656
7440-50-8	Copper	61	D	11/13/2024	0656
7439-89-6	Iron	27000	D	11/13/2024	0656
7439-92-1	Lead	21	D	11/13/2024	0656
7439-95-4	Magnesium	7500	D	11/13/2024	0656
7439-96-5	Manganese	960	D	11/13/2024	0656
7440-02-0	Nickel	27	D	11/13/2024	0656
7440-09-7	Potassium	3400	D	11/13/2024	0656
7782-49-2	Selenium	6.4	UD	11/13/2024	0656
7440-22-4	Silver	1.8	UD	11/13/2024	0656
7440-23-5	Sodium	320	JD	11/13/2024	0656
7440-28-0	Thallium	4.6	UD	11/13/2024	0656
7440-62-2	Vanadium	56	D	11/13/2024	0656
7440-66-6	Zinc	68	D*	11/13/2024	0656

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

Comments:

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MYE4L8

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4L4

Matrix: SOIL Lab Sample ID: P4520-05

% 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	9100	D	11/13/2024	0701
7440-36-0	Antimony	9.7	UD	11/13/2024	0701
7440-38-2	Arsenic	9.3	D	11/13/2024	0701
7440-39-3	Barium	110	D	11/13/2024	0701
7440-41-7	Beryllium	0.31	JD	11/13/2024	0701
7440-43-9	Cadmium	0.79	JD	11/13/2024	0701
7440-70-2	Calcium	8100	D	11/13/2024	0701
7440-47-3	Chromium	17	D	11/13/2024	0701
7440-48-4	Cobalt	13	D	11/13/2024	0701
7440-50-8	Copper	36	D	11/13/2024	0701
7439-89-6	Iron	20000	D	11/13/2024	0701
7439-92-1	Lead	16	D	11/13/2024	0701
7439-95-4	Magnesium	5100	D	11/13/2024	0701
7439-96-5	Manganese	620	D	11/13/2024	0701
7440-02-0	Nickel	19	D	11/13/2024	0701
7440-09-7	Potassium	2100	D	11/13/2024	0701
7782-49-2	Selenium	5.7	UD	11/13/2024	0701
7440-22-4	Silver	1.6	UD	11/13/2024	0701
7440-23-5	Sodium	180	JD	11/13/2024	0701
7440-28-0	Thallium	4.1	UD	11/13/2024	0701
7440-62-2	Vanadium	40	D	11/13/2024	0701
7440-66-6	Zinc	46	D*	11/13/2024	0701

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

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MYE4L9

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4L4

Matrix: SOIL Lab Sample ID: P4520-06

% Solids: 95.8 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	20000	D	11/13/2024	0705
7440-36-0	Antimony	11	UD	11/13/2024	0705
7440-38-2	Arsenic	1.8	UD	11/13/2024	0705
7440-39-3	Barium	43	D	11/13/2024	0705
7440-41-7	Beryllium	0.065	JD	11/13/2024	0705
7440-43-9	Cadmium	1.4	D	11/13/2024	0705
7440-70-2	Calcium	6400	D	11/13/2024	0705
7440-47-3	Chromium	61	D	11/13/2024	0705
7440-48-4	Cobalt	32	D	11/13/2024	0705
7440-50-8	Copper	75	D	11/13/2024	0705
7439-89-6	Iron	41000	D	11/13/2024	0705
7439-92-1	Lead	9.3	D	11/13/2024	0705
7439-95-4	Magnesium	15000	D	11/13/2024	0705
7439-96-5	Manganese	720	D	11/13/2024	0705
7440-02-0	Nickel	57	D	11/13/2024	0705
7440-09-7	Potassium	940	D	11/13/2024	0705
7782-49-2	Selenium	6.1	UD	11/13/2024	0705
7440-22-4	Silver	1.8	UD	11/13/2024	0705
7440-23-5	Sodium	400	JD	11/13/2024	0705
7440-28-0	Thallium	4.4	UD	11/13/2024	0705
7440-62-2	Vanadium	110	D	11/13/2024	0705
7440-66-6	Zinc	47	D*	11/13/2024	0705

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

Comments:

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MYE4M0

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4L4

Matrix: SOIL Lab Sample ID: P4520-07

% Solids: 77.5 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	11/13/2024	0710
7440-36-0	Antimony	13	UD	11/13/2024	0710
7440-38-2	Arsenic	17	D	11/13/2024	0710
7440-39-3	Barium	170	D	11/13/2024	0710
7440-41-7	Beryllium	0.30	JD	11/13/2024	0710
7440-43-9	Cadmium	0.82	JD	11/13/2024	0710
7440-70-2	Calcium	15000	D	11/13/2024	0710
7440-47-3	Chromium	25	D	11/13/2024	0710
7440-48-4	Cobalt	13	D	11/13/2024	0710
7440-50-8	Copper	26	D	11/13/2024	0710
7439-89-6	Iron	20000	D	11/13/2024	0710
7439-92-1	Lead	13	D	11/13/2024	0710
7439-95-4	Magnesium	7000	D	11/13/2024	0710
7439-96-5	Manganese	680	D	11/13/2024	0710
7440-02-0	Nickel	26	D	11/13/2024	0710
7440-09-7	Potassium	1500	D	11/13/2024	0710
7782-49-2	Selenium	7.4	UD	11/13/2024	0710
7440-22-4	Silver	2.1	UD	11/13/2024	0710
7440-23-5	Sodium	290	JD	11/13/2024	0710
7440-28-0	Thallium	5.3	UD	11/13/2024	0710
7440-62-2	Vanadium	45	D	11/13/2024	0710
7440-66-6	Zinc	100	D*	11/13/2024	0710

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

Comments:

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MYE4M1

Lab Name: Alliance Technical Group, LLC

Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817

MA No. : 3226.1 SDG No.: MYE4L4

Matrix: SOIL

Lab Sample ID: P4520-08

% Solids: 83.6

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	11/13/2024	0210
7440-36-0	Antimony	0.83	JD	11/13/2024	0210
7440-38-2	Arsenic	18	D	11/13/2024	0210
7440-39-3	Barium	180	D	11/13/2024	0210
7440-41-7	Beryllium	0.34	JD	11/13/2024	0210
7440-43-9	Cadmium	1.5	D	11/13/2024	0210
7440-70-2	Calcium	10000	D	11/13/2024	0210
7440-47-3	Chromium	21	D	11/13/2024	0210
7440-48-4	Cobalt	14	D	11/13/2024	0210
7440-50-8	Copper	86	D	11/13/2024	0210
7439-89-6	Iron	21000	D	11/13/2024	0210
7439-92-1	Lead	55	D	11/13/2024	0210
7439-95-4	Magnesium	5400	D	11/13/2024	0210
7439-96-5	Manganese	730	D	11/13/2024	0210
7440-02-0	Nickel	25	D	11/13/2024	0210
7440-09-7	Potassium	2700	D	11/13/2024	0210
7782-49-2	Selenium	6.4	UD	11/13/2024	0210
7440-22-4	Silver	1.8	UD	11/13/2024	0210
7440-23-5	Sodium	910	UD	11/13/2024	0210
7440-28-0	Thallium	4.6	UD	11/13/2024	0210
7440-62-2	Vanadium	40	D	11/13/2024	0210
7440-66-6	Zinc	110	D*	11/13/2024	0210

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

Comments:

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MYE4M2

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4L4

Matrix: SOIL Lab Sample ID: P4520-11

% Solids: 69.4 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	10000	D	11/13/2024	0714
7440-36-0	Antimony	12	UD	11/13/2024	0714
7440-38-2	Arsenic	12	D	11/13/2024	0714
7440-39-3	Barium	140	D	11/13/2024	0714
7440-41-7	Beryllium	0.35	JD	11/13/2024	0714
7440-43-9	Cadmium	0.78	JD	11/13/2024	0714
7440-70-2	Calcium	8500	D	11/13/2024	0714
7440-47-3	Chromium	23	D	11/13/2024	0714
7440-48-4	Cobalt	10	D	11/13/2024	0714
7440-50-8	Copper	31	D	11/13/2024	0714
7439-89-6	Iron	16000	D	11/13/2024	0714
7439-92-1	Lead	12	D	11/13/2024	0714
7439-95-4	Magnesium	6000	D	11/13/2024	0714
7439-96-5	Manganese	600	D	11/13/2024	0714
7440-02-0	Nickel	18	D	11/13/2024	0714
7440-09-7	Potassium	2000	D	11/13/2024	0714
7782-49-2	Selenium	6.9	UD	11/13/2024	0714
7440-22-4	Silver	2.0	UD	11/13/2024	0714
7440-23-5	Sodium	370	JD	11/13/2024	0714
7440-28-0	Thallium	4.9	UD	11/13/2024	0714
7440-62-2	Vanadium	38	D	11/13/2024	0714
7440-66-6	Zinc	87	D*	11/13/2024	0714

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

Comments:

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MYE4M4

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4L4

Matrix: SOIL Lab Sample ID: P4520-12

% Solids: 95.7 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	10000	D	11/13/2024	0737
7440-36-0	Antimony	11	UD	11/13/2024	0737
7440-38-2	Arsenic	17	D	11/13/2024	0737
7440-39-3	Barium	160	D	11/13/2024	0737
7440-41-7	Beryllium	0.31	JD	11/13/2024	0737
7440-43-9	Cadmium	0.88	JD	11/13/2024	0737
7440-70-2	Calcium	4400	D	11/13/2024	0737
7440-47-3	Chromium	24	D	11/13/2024	0737
7440-48-4	Cobalt	15	D	11/13/2024	0737
7440-50-8	Copper	50	D	11/13/2024	0737
7439-89-6	Iron	23000	D	11/13/2024	0737
7439-92-1	Lead	14	D	11/13/2024	0737
7439-95-4	Magnesium	5500	D	11/13/2024	0737
7439-96-5	Manganese	1000	D	11/13/2024	0737
7440-02-0	Nickel	23	D	11/13/2024	0737
7440-09-7	Potassium	2300	D	11/13/2024	0737
7782-49-2	Selenium	6.2	UD	11/13/2024	0737
7440-22-4	Silver	1.8	UD	11/13/2024	0737
7440-23-5	Sodium	890	UD	11/13/2024	0737
7440-28-0	Thallium	4.4	UD	11/13/2024	0737
7440-62-2	Vanadium	39	D	11/13/2024	0737
7440-66-6	Zinc	65	D*	11/13/2024	0737

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

Comments:

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MYE4M5

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4L4

Matrix: SOIL Lab Sample ID: P4520-13

% 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	12000	D	11/13/2024	0741
7440-36-0	Antimony	13	UD	11/13/2024	0741
7440-38-2	Arsenic	18	D	11/13/2024	0741
7440-39-3	Barium	180	D	11/13/2024	0741
7440-41-7	Beryllium	0.40	JD	11/13/2024	0741
7440-43-9	Cadmium	0.82	JD	11/13/2024	0741
7440-70-2	Calcium	7100	D	11/13/2024	0741
7440-47-3	Chromium	25	D	11/13/2024	0741
7440-48-4	Cobalt	13	D	11/13/2024	0741
7440-50-8	Copper	30	D	11/13/2024	0741
7439-89-6	Iron	20000	D	11/13/2024	0741
7439-92-1	Lead	13	D	11/13/2024	0741
7439-95-4	Magnesium	6600	D	11/13/2024	0741
7439-96-5	Manganese	790	D	11/13/2024	0741
7440-02-0	Nickel	22	D	11/13/2024	0741
7440-09-7	Potassium	2200	D	11/13/2024	0741
7782-49-2	Selenium	7.8	UD	11/13/2024	0741
7440-22-4	Silver	2.2	UD	11/13/2024	0741
7440-23-5	Sodium	300	JD	11/13/2024	0741
7440-28-0	Thallium	5.6	UD	11/13/2024	0741
7440-62-2	Vanadium	43	D	11/13/2024	0741
7440-66-6	Zinc	94	D*	11/13/2024	0741

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4M6

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4L4

Matrix: SOIL Lab Sample ID: P4520-14

% Solids: 95.8 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	12000	D	11/13/2024	0746
7440-36-0	Antimony	8.5	UD	11/13/2024	0746
7440-38-2	Arsenic	9.2	D	11/13/2024	0746
7440-39-3	Barium	160	D	11/13/2024	0746
7440-41-7	Beryllium	0.42	JD	11/13/2024	0746
7440-43-9	Cadmium	0.56	JD	11/13/2024	0746
7440-70-2	Calcium	3700	D	11/13/2024	0746
7440-47-3	Chromium	18	D	11/13/2024	0746
7440-48-4	Cobalt	12	D	11/13/2024	0746
7440-50-8	Copper	20	D	11/13/2024	0746
7439-89-6	Iron	17000	D	11/13/2024	0746
7439-92-1	Lead	9.8	D	11/13/2024	0746
7439-95-4	Magnesium	5000	D	11/13/2024	0746
7439-96-5	Manganese	600	D	11/13/2024	0746
7440-02-0	Nickel	20	D	11/13/2024	0746
7440-09-7	Potassium	2100	D	11/13/2024	0746
7782-49-2	Selenium	5.0	UD	11/13/2024	0746
7440-22-4	Silver	1.4	UD	11/13/2024	0746
7440-23-5	Sodium	710	UD	11/13/2024	0746
7440-28-0	Thallium	3.6	UD	11/13/2024	0746
7440-62-2	Vanadium	31	D	11/13/2024	0746
7440-66-6	Zinc	39	D*	11/13/2024	0746

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4M7

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4L4

Matrix: SOIL Lab Sample ID: P4520-15

% 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	11000	D	11/13/2024	0750
7440-36-0	Antimony	11	UD	11/13/2024	0750
7440-38-2	Arsenic	15	D	11/13/2024	0750
7440-39-3	Barium	160	D	11/13/2024	0750
7440-41-7	Beryllium	0.38	JD	11/13/2024	0750
7440-43-9	Cadmium	1.1	D	11/13/2024	0750
7440-70-2	Calcium	4200	D	11/13/2024	0750
7440-47-3	Chromium	22	D	11/13/2024	0750
7440-48-4	Cobalt	15	D	11/13/2024	0750
7440-50-8	Copper	58	D	11/13/2024	0750
7439-89-6	Iron	21000	D	11/13/2024	0750
7439-92-1	Lead	25	D	11/13/2024	0750
7439-95-4	Magnesium	5600	D	11/13/2024	0750
7439-96-5	Manganese	770	D	11/13/2024	0750
7440-02-0	Nickel	26	D	11/13/2024	0750
7440-09-7	Potassium	2800	D	11/13/2024	0750
7782-49-2	Selenium	6.2	UD	11/13/2024	0750
7440-22-4	Silver	1.8	UD	11/13/2024	0750
7440-23-5	Sodium	890	UD	11/13/2024	0750
7440-28-0	Thallium	4.4	UD	11/13/2024	0750
7440-62-2	Vanadium	39	D	11/13/2024	0750
7440-66-6	Zinc	71	D*	11/13/2024	0750

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4M8

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4L4

Matrix: SOIL Lab Sample ID: P4520-16

% Solids: 95.9 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	13000	D	11/13/2024	0754
7440-36-0	Antimony	8.9	UD	11/13/2024	0754
7440-38-2	Arsenic	41	D	11/13/2024	0754
7440-39-3	Barium	370	D	11/13/2024	0754
7440-41-7	Beryllium	0.34	JD	11/13/2024	0754
7440-43-9	Cadmium	1.0	D	11/13/2024	0754
7440-70-2	Calcium	6500	D	11/13/2024	0754
7440-47-3	Chromium	27	D	11/13/2024	0754
7440-48-4	Cobalt	17	D	11/13/2024	0754
7440-50-8	Copper	37	D	11/13/2024	0754
7439-89-6	Iron	25000	D	11/13/2024	0754
7439-92-1	Lead	11	D	11/13/2024	0754
7439-95-4	Magnesium	6500	D	11/13/2024	0754
7439-96-5	Manganese	2800	D	11/13/2024	0754
7440-02-0	Nickel	39	D	11/13/2024	0754
7440-09-7	Potassium	1200	D	11/13/2024	0754
7782-49-2	Selenium	5.2	UD	11/13/2024	0754
7440-22-4	Silver	1.5	UD	11/13/2024	0754
7440-23-5	Sodium	150	JD	11/13/2024	0754
7440-28-0	Thallium	3.7	UD	11/13/2024	0754
7440-62-2	Vanadium	53	D	11/13/2024	0754
7440-66-6	Zinc	48	D*	11/13/2024	0754

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4M9

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4L4

Matrix: SOIL Lab Sample ID: P4520-17

% Solids: 82.6 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	11/13/2024	0759
7440-36-0	Antimony	11	UD	11/13/2024	0759
7440-38-2	Arsenic	15	D	11/13/2024	0759
7440-39-3	Barium	120	D	11/13/2024	0759
7440-41-7	Beryllium	0.37	JD	11/13/2024	0759
7440-43-9	Cadmium	0.68	JD	11/13/2024	0759
7440-70-2	Calcium	7500	D	11/13/2024	0759
7440-47-3	Chromium	21	D	11/13/2024	0759
7440-48-4	Cobalt	10	D	11/13/2024	0759
7440-50-8	Copper	25	D	11/13/2024	0759
7439-89-6	Iron	18000	D	11/13/2024	0759
7439-92-1	Lead	11	D	11/13/2024	0759
7439-95-4	Magnesium	5700	D	11/13/2024	0759
7439-96-5	Manganese	530	D	11/13/2024	0759
7440-02-0	Nickel	20	D	11/13/2024	0759
7440-09-7	Potassium	1500	D	11/13/2024	0759
7782-49-2	Selenium	6.1	UD	11/13/2024	0759
7440-22-4	Silver	1.8	UD	11/13/2024	0759
7440-23-5	Sodium	250	JD	11/13/2024	0759
7440-28-0	Thallium	4.4	UD	11/13/2024	0759
7440-62-2	Vanadium	41	D	11/13/2024	0759
7440-66-6	Zinc	62	D*	11/13/2024	0759

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

Comments:

FORM 1 - IN
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MYE4N0

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4L4

Matrix: SOIL Lab Sample ID: P4520-18

% Solids: 91.2 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	10000	D	11/13/2024	0803
7440-36-0	Antimony	0.75	JD	11/13/2024	0803
7440-38-2	Arsenic	16	D	11/13/2024	0803
7440-39-3	Barium	160	D	11/13/2024	0803
7440-41-7	Beryllium	0.33	JD	11/13/2024	0803
7440-43-9	Cadmium	0.77	JD	11/13/2024	0803
7440-70-2	Calcium	17000	D	11/13/2024	0803
7440-47-3	Chromium	19	D	11/13/2024	0803
7440-48-4	Cobalt	11	D	11/13/2024	0803
7440-50-8	Copper	40	D	11/13/2024	0803
7439-89-6	Iron	18000	D	11/13/2024	0803
7439-92-1	Lead	16	D	11/13/2024	0803
7439-95-4	Magnesium	5800	D	11/13/2024	0803
7439-96-5	Manganese	700	D	11/13/2024	0803
7440-02-0	Nickel	20	D	11/13/2024	0803
7440-09-7	Potassium	2400	D	11/13/2024	0803
7782-49-2	Selenium	5.9	UD	11/13/2024	0803
7440-22-4	Silver	1.7	UD	11/13/2024	0803
7440-23-5	Sodium	840	UD	11/13/2024	0803
7440-28-0	Thallium	4.2	UD	11/13/2024	0803
7440-62-2	Vanadium	35	D	11/13/2024	0803
7440-66-6	Zinc	59	D*	11/13/2024	0803

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

Comments:

FORM 1 - IN
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MYE4N1

Lab Name: Alliance Technical Group, LLC

Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817

MA No. : 3226.1 SDG No.: MYE4L4

Matrix: SOIL

Lab Sample ID: P4520-19

% Solids: 94.2

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	8700	D	11/13/2024	0808
7440-36-0	Antimony	1.0	JD	11/13/2024	0808
7440-38-2	Arsenic	12	D	11/13/2024	0808
7440-39-3	Barium	130	D	11/13/2024	0808
7440-41-7	Beryllium	0.31	JD	11/13/2024	0808
7440-43-9	Cadmium	1.2	D	11/13/2024	0808
7440-70-2	Calcium	3300	D	11/13/2024	0808
7440-47-3	Chromium	19	D	11/13/2024	0808
7440-48-4	Cobalt	11	D	11/13/2024	0808
7440-50-8	Copper	94	D	11/13/2024	0808
7439-89-6	Iron	17000	D	11/13/2024	0808
7439-92-1	Lead	38	D	11/13/2024	0808
7439-95-4	Magnesium	4400	D	11/13/2024	0808
7439-96-5	Manganese	610	D	11/13/2024	0808
7440-02-0	Nickel	19	D	11/13/2024	0808
7440-09-7	Potassium	2100	D	11/13/2024	0808
7782-49-2	Selenium	5.2	UD	11/13/2024	0808
7440-22-4	Silver	1.5	UD	11/13/2024	0808
7440-23-5	Sodium	150	JD	11/13/2024	0808
7440-28-0	Thallium	3.7	UD	11/13/2024	0808
7440-62-2	Vanadium	31	D	11/13/2024	0808
7440-66-6	Zinc	85	D*	11/13/2024	0808

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

Comments:

FORM 1 - IN
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MYE4N2

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4L4

Matrix: SOIL Lab Sample ID: P4520-20

% Solids: 96 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	11/13/2024	0812
7440-36-0	Antimony	9.0	UD	11/13/2024	0812
7440-38-2	Arsenic	6.7	D	11/13/2024	0812
7440-39-3	Barium	110	D	11/13/2024	0812
7440-41-7	Beryllium	0.26	JD	11/13/2024	0812
7440-43-9	Cadmium	2.1	D	11/13/2024	0812
7440-70-2	Calcium	7200	D	11/13/2024	0812
7440-47-3	Chromium	16	D	11/13/2024	0812
7440-48-4	Cobalt	31	D	11/13/2024	0812
7440-50-8	Copper	50	D	11/13/2024	0812
7439-89-6	Iron	38000	D	11/13/2024	0812
7439-92-1	Lead	17	D	11/13/2024	0812
7439-95-4	Magnesium	9000	D	11/13/2024	0812
7439-96-5	Manganese	1300	D	11/13/2024	0812
7440-02-0	Nickel	18	D	11/13/2024	0812
7440-09-7	Potassium	860	D	11/13/2024	0812
7782-49-2	Selenium	5.3	UD	11/13/2024	0812
7440-22-4	Silver	1.5	UD	11/13/2024	0812
7440-23-5	Sodium	410	JD	11/13/2024	0812
7440-28-0	Thallium	3.8	UD	11/13/2024	0812
7440-62-2	Vanadium	69	D	11/13/2024	0812
7440-66-6	Zinc	150	D*	11/13/2024	0812

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

Comments:

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MYE4N3

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4L4

Matrix: SOIL Lab Sample ID: P4520-21

% Solids: 95.8 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	11/13/2024	0817
7440-36-0	Antimony	9.9	UD	11/13/2024	0817
7440-38-2	Arsenic	17	D	11/13/2024	0817
7440-39-3	Barium	160	D	11/13/2024	0817
7440-41-7	Beryllium	0.37	JD	11/13/2024	0817
7440-43-9	Cadmium	1.0	D	11/13/2024	0817
7440-70-2	Calcium	7400	D	11/13/2024	0817
7440-47-3	Chromium	21	D	11/13/2024	0817
7440-48-4	Cobalt	14	D	11/13/2024	0817
7440-50-8	Copper	56	D	11/13/2024	0817
7439-89-6	Iron	20000	D	11/13/2024	0817
7439-92-1	Lead	24	D	11/13/2024	0817
7439-95-4	Magnesium	5400	D	11/13/2024	0817
7439-96-5	Manganese	770	D	11/13/2024	0817
7440-02-0	Nickel	25	D	11/13/2024	0817
7440-09-7	Potassium	2500	D	11/13/2024	0817
7782-49-2	Selenium	5.8	UD	11/13/2024	0817
7440-22-4	Silver	1.7	UD	11/13/2024	0817
7440-23-5	Sodium	830	UD	11/13/2024	0817
7440-28-0	Thallium	4.1	UD	11/13/2024	0817
7440-62-2	Vanadium	38	D	11/13/2024	0817
7440-66-6	Zinc	68	D*	11/13/2024	0817

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MYE4N4

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4L4

Matrix: SOIL Lab Sample ID: P4520-22

% Solids: 95.9 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	22000	D	11/13/2024	0821
7440-36-0	Antimony	11	UD	11/13/2024	0821
7440-38-2	Arsenic	12	D	11/13/2024	0821
7440-39-3	Barium	120	D	11/13/2024	0821
7440-41-7	Beryllium	0.31	JD	11/13/2024	0821
7440-43-9	Cadmium	2.4	D	11/13/2024	0821
7440-70-2	Calcium	7500	D	11/13/2024	0821
7440-47-3	Chromium	16	D	11/13/2024	0821
7440-48-4	Cobalt	35	D	11/13/2024	0821
7440-50-8	Copper	67	D	11/13/2024	0821
7439-89-6	Iron	46000	D	11/13/2024	0821
7439-92-1	Lead	20	D	11/13/2024	0821
7439-95-4	Magnesium	9400	D	11/13/2024	0821
7439-96-5	Manganese	1400	D	11/13/2024	0821
7440-02-0	Nickel	20	D	11/13/2024	0821
7440-09-7	Potassium	1000	D	11/13/2024	0821
7782-49-2	Selenium	6.4	UD	11/13/2024	0821
7440-22-4	Silver	1.8	UD	11/13/2024	0821
7440-23-5	Sodium	410	JD	11/13/2024	0821
7440-28-0	Thallium	4.5	UD	11/13/2024	0821
7440-62-2	Vanadium	80	D	11/13/2024	0821
7440-66-6	Zinc	170	D*	11/13/2024	0821

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

Comments: