

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4R1

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4R1

Matrix: SOIL Lab Sample ID: P4522-01

% 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	15000	D	11/13/2024	0248
7440-36-0	Antimony	1.8	JD	11/13/2024	0248
7440-38-2	Arsenic	43	D*	11/13/2024	0248
7440-39-3	Barium	210	D	11/13/2024	0248
7440-41-7	Beryllium	0.48	JD	11/13/2024	0248
7440-43-9	Cadmium	2.3	D	11/13/2024	0248
7440-70-2	Calcium	3200	D	11/13/2024	0248
7440-47-3	Chromium	37	D	11/13/2024	0248
7440-48-4	Cobalt	23	D	11/13/2024	0248
7440-50-8	Copper	100	D	11/13/2024	0248
7439-89-6	Iron	42000	D	11/13/2024	0248
7439-92-1	Lead	40	D	11/13/2024	0248
7439-95-4	Magnesium	7200	D	11/13/2024	0248
7439-96-5	Manganese	1100	D	11/13/2024	0248
7440-02-0	Nickel	43	D	11/13/2024	0248
7440-09-7	Potassium	2800	D	11/13/2024	0248
7782-49-2	Selenium	5.6	UD	11/13/2024	0248
7440-22-4	Silver	1.6	UD	11/13/2024	0248
7440-23-5	Sodium	220	JD	11/13/2024	0248
7440-28-0	Thallium	1.4	JD	11/13/2024	0248
7440-62-2	Vanadium	86	D	11/13/2024	0248
7440-66-6	Zinc	100	D	11/13/2024	0248

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

Comments:

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MYE4R2

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4R1

Matrix: SOIL Lab Sample ID: P4522-04

% Solids: 98.1 Date Received: 10/23/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	16000	D	11/13/2024	0826
7440-36-0	Antimony	0.91	JD	11/13/2024	0826
7440-38-2	Arsenic	32	D*	11/13/2024	0826
7440-39-3	Barium	180	D	11/13/2024	0826
7440-41-7	Beryllium	0.48	JD	11/13/2024	0826
7440-43-9	Cadmium	1.3	D	11/13/2024	0826
7440-70-2	Calcium	3600	D	11/13/2024	0826
7440-47-3	Chromium	35	D	11/13/2024	0826
7440-48-4	Cobalt	19	D	11/13/2024	0826
7440-50-8	Copper	44	D	11/13/2024	0826
7439-89-6	Iron	36000	D	11/13/2024	0826
7439-92-1	Lead	15	D	11/13/2024	0826
7439-95-4	Magnesium	6600	D	11/13/2024	0826
7439-96-5	Manganese	800	D	11/13/2024	0826
7440-02-0	Nickel	35	D	11/13/2024	0826
7440-09-7	Potassium	2300	D	11/13/2024	0826
7782-49-2	Selenium	5.8	UD	11/13/2024	0826
7440-22-4	Silver	1.7	UD	11/13/2024	0826
7440-23-5	Sodium	230	JD	11/13/2024	0826
7440-28-0	Thallium	4.1	UD	11/13/2024	0826
7440-62-2	Vanadium	65	D	11/13/2024	0826
7440-66-6	Zinc	68	D	11/13/2024	0826

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

Comments:

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EPA SAMPLE NO.

MYE4R3

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4R1
 Matrix: SOIL Lab Sample ID: P4522-05
 % Solids: 97.9 Date Received: 10/23/2024
 Analytical Method: ICP_AES
 Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	14000	D	11/13/2024	0830
7440-36-0	Antimony	1.1	JD	11/13/2024	0830
7440-38-2	Arsenic	37	D*	11/13/2024	0830
7440-39-3	Barium	170	D	11/13/2024	0830
7440-41-7	Beryllium	0.43	JD	11/13/2024	0830
7440-43-9	Cadmium	1.7	D	11/13/2024	0830
7440-70-2	Calcium	12000	D	11/13/2024	0830
7440-47-3	Chromium	33	D	11/13/2024	0830
7440-48-4	Cobalt	19	D	11/13/2024	0830
7440-50-8	Copper	66	D	11/13/2024	0830
7439-89-6	Iron	36000	D	11/13/2024	0830
7439-92-1	Lead	24	D	11/13/2024	0830
7439-95-4	Magnesium	7500	D	11/13/2024	0830
7439-96-5	Manganese	780	D	11/13/2024	0830
7440-02-0	Nickel	38	D	11/13/2024	0830
7440-09-7	Potassium	2200	D	11/13/2024	0830
7782-49-2	Selenium	4.8	UD	11/13/2024	0830
7440-22-4	Silver	1.4	UD	11/13/2024	0830
7440-23-5	Sodium	300	JD	11/13/2024	0830
7440-28-0	Thallium	3.5	UD	11/13/2024	0830
7440-62-2	Vanadium	69	D	11/13/2024	0830
7440-66-6	Zinc	71	D	11/13/2024	0830

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

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MYE4R4

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4R1

Matrix: SOIL Lab Sample ID: P4522-06

% 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	11/13/2024	0834
7440-36-0	Antimony	1.2	JD	11/13/2024	0834
7440-38-2	Arsenic	33	D*	11/13/2024	0834
7440-39-3	Barium	170	D	11/13/2024	0834
7440-41-7	Beryllium	0.43	JD	11/13/2024	0834
7440-43-9	Cadmium	1.4	D	11/13/2024	0834
7440-70-2	Calcium	3000	D	11/13/2024	0834
7440-47-3	Chromium	32	D	11/13/2024	0834
7440-48-4	Cobalt	19	D	11/13/2024	0834
7440-50-8	Copper	42	D	11/13/2024	0834
7439-89-6	Iron	36000	D	11/13/2024	0834
7439-92-1	Lead	14	D	11/13/2024	0834
7439-95-4	Magnesium	6400	D	11/13/2024	0834
7439-96-5	Manganese	770	D	11/13/2024	0834
7440-02-0	Nickel	32	D	11/13/2024	0834
7440-09-7	Potassium	2300	D	11/13/2024	0834
7782-49-2	Selenium	5.0	UD	11/13/2024	0834
7440-22-4	Silver	1.4	UD	11/13/2024	0834
7440-23-5	Sodium	170	JD	11/13/2024	0834
7440-28-0	Thallium	3.5	UD	11/13/2024	0834
7440-62-2	Vanadium	65	D	11/13/2024	0834
7440-66-6	Zinc	60	D	11/13/2024	0834

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

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MYE4R5

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4R1

Matrix: SOIL Lab Sample ID: P4522-07

% Solids: 98.6 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	15000	D	11/13/2024	0857
7440-36-0	Antimony	2.0	JD	11/13/2024	0857
7440-38-2	Arsenic	50	D*	11/13/2024	0857
7440-39-3	Barium	270	D	11/13/2024	0857
7440-41-7	Beryllium	0.48	JD	11/13/2024	0857
7440-43-9	Cadmium	2.0	D	11/13/2024	0857
7440-70-2	Calcium	3000	D	11/13/2024	0857
7440-47-3	Chromium	33	D	11/13/2024	0857
7440-48-4	Cobalt	27	D	11/13/2024	0857
7440-50-8	Copper	83	D	11/13/2024	0857
7439-89-6	Iron	43000	D	11/13/2024	0857
7439-92-1	Lead	32	D	11/13/2024	0857
7439-95-4	Magnesium	6900	D	11/13/2024	0857
7439-96-5	Manganese	2000	D	11/13/2024	0857
7440-02-0	Nickel	43	D	11/13/2024	0857
7440-09-7	Potassium	2700	D	11/13/2024	0857
7782-49-2	Selenium	6.0	UD	11/13/2024	0857
7440-22-4	Silver	1.7	UD	11/13/2024	0857
7440-23-5	Sodium	240	JD	11/13/2024	0857
7440-28-0	Thallium	4.3	UD	11/13/2024	0857
7440-62-2	Vanadium	84	D	11/13/2024	0857
7440-66-6	Zinc	92	D	11/13/2024	0857

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

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MYE4R6

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4R1

Matrix: SOIL Lab Sample ID: P4522-08

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

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	16000	D	11/13/2024	0901
7440-36-0	Antimony	1.8	JD	11/13/2024	0901
7440-38-2	Arsenic	47	D*	11/13/2024	0901
7440-39-3	Barium	270	D	11/13/2024	0901
7440-41-7	Beryllium	0.53	JD	11/13/2024	0901
7440-43-9	Cadmium	2.3	D	11/13/2024	0901
7440-70-2	Calcium	3400	D	11/13/2024	0901
7440-47-3	Chromium	36	D	11/13/2024	0901
7440-48-4	Cobalt	24	D	11/13/2024	0901
7440-50-8	Copper	85	D	11/13/2024	0901
7439-89-6	Iron	45000	D	11/13/2024	0901
7439-92-1	Lead	35	D	11/13/2024	0901
7439-95-4	Magnesium	7200	D	11/13/2024	0901
7439-96-5	Manganese	1400	D	11/13/2024	0901
7440-02-0	Nickel	44	D	11/13/2024	0901
7440-09-7	Potassium	3000	D	11/13/2024	0901
7782-49-2	Selenium	5.4	UD	11/13/2024	0901
7440-22-4	Silver	1.5	UD	11/13/2024	0901
7440-23-5	Sodium	240	JD	11/13/2024	0901
7440-28-0	Thallium	3.9	UD	11/13/2024	0901
7440-62-2	Vanadium	91	D	11/13/2024	0901
7440-66-6	Zinc	98	D	11/13/2024	0901

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

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MYE4R7

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4R1

Matrix: SOIL Lab Sample ID: P4522-09

% Solids: 97.2 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	20000	D	11/13/2024	0906
7440-36-0	Antimony	1.6	JD	11/13/2024	0906
7440-38-2	Arsenic	61	D*	11/13/2024	0906
7440-39-3	Barium	320	D	11/13/2024	0906
7440-41-7	Beryllium	0.62	JD	11/13/2024	0906
7440-43-9	Cadmium	2.8	D	11/13/2024	0906
7440-70-2	Calcium	4900	D	11/13/2024	0906
7440-47-3	Chromium	40	D	11/13/2024	0906
7440-48-4	Cobalt	32	D	11/13/2024	0906
7440-50-8	Copper	120	D	11/13/2024	0906
7439-89-6	Iron	53000	D	11/13/2024	0906
7439-92-1	Lead	47	D	11/13/2024	0906
7439-95-4	Magnesium	9000	D	11/13/2024	0906
7439-96-5	Manganese	1200	D	11/13/2024	0906
7440-02-0	Nickel	55	D	11/13/2024	0906
7440-09-7	Potassium	3300	D	11/13/2024	0906
7782-49-2	Selenium	6.2	UD	11/13/2024	0906
7440-22-4	Silver	1.8	UD	11/13/2024	0906
7440-23-5	Sodium	270	JD	11/13/2024	0906
7440-28-0	Thallium	4.4	UD	11/13/2024	0906
7440-62-2	Vanadium	110	D	11/13/2024	0906
7440-66-6	Zinc	110	D	11/13/2024	0906

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

Comments:

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MYE4R8

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4R1

Matrix: SOIL Lab Sample ID: P4522-10

% Solids: 98.3 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	16000	D	11/13/2024	0910
7440-36-0	Antimony	2.0	JD	11/13/2024	0910
7440-38-2	Arsenic	60	D*	11/13/2024	0910
7440-39-3	Barium	240	D	11/13/2024	0910
7440-41-7	Beryllium	0.56	JD	11/13/2024	0910
7440-43-9	Cadmium	2.6	D	11/13/2024	0910
7440-70-2	Calcium	3500	D	11/13/2024	0910
7440-47-3	Chromium	69	D	11/13/2024	0910
7440-48-4	Cobalt	28	D	11/13/2024	0910
7440-50-8	Copper	110	D	11/13/2024	0910
7439-89-6	Iron	48000	D	11/13/2024	0910
7439-92-1	Lead	44	D	11/13/2024	0910
7439-95-4	Magnesium	8000	D	11/13/2024	0910
7439-96-5	Manganese	1100	D	11/13/2024	0910
7440-02-0	Nickel	80	D	11/13/2024	0910
7440-09-7	Potassium	2800	D	11/13/2024	0910
7782-49-2	Selenium	5.9	UD	11/13/2024	0910
7440-22-4	Silver	1.7	UD	11/13/2024	0910
7440-23-5	Sodium	250	JD	11/13/2024	0910
7440-28-0	Thallium	4.2	UD	11/13/2024	0910
7440-62-2	Vanadium	96	D	11/13/2024	0910
7440-66-6	Zinc	120	D	11/13/2024	0910

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

Comments:

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MYE4S0

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4R1

Matrix: SOIL Lab Sample ID: P4522-11

% 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	18000	D	11/13/2024	0914
7440-36-0	Antimony	1.6	JD	11/13/2024	0914
7440-38-2	Arsenic	53	D*	11/13/2024	0914
7440-39-3	Barium	250	D	11/13/2024	0914
7440-41-7	Beryllium	0.56	JD	11/13/2024	0914
7440-43-9	Cadmium	2.7	D	11/13/2024	0914
7440-70-2	Calcium	4400	D	11/13/2024	0914
7440-47-3	Chromium	37	D	11/13/2024	0914
7440-48-4	Cobalt	26	D	11/13/2024	0914
7440-50-8	Copper	130	D	11/13/2024	0914
7439-89-6	Iron	44000	D	11/13/2024	0914
7439-92-1	Lead	49	D	11/13/2024	0914
7439-95-4	Magnesium	9000	D	11/13/2024	0914
7439-96-5	Manganese	1200	D	11/13/2024	0914
7440-02-0	Nickel	55	D	11/13/2024	0914
7440-09-7	Potassium	2800	D	11/13/2024	0914
7782-49-2	Selenium	5.7	UD	11/13/2024	0914
7440-22-4	Silver	1.6	UD	11/13/2024	0914
7440-23-5	Sodium	240	JD	11/13/2024	0914
7440-28-0	Thallium	4.0	UD	11/13/2024	0914
7440-62-2	Vanadium	90	D	11/13/2024	0914
7440-66-6	Zinc	160	D	11/13/2024	0914

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

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MYE4S1

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4R1

Matrix: SOIL Lab Sample ID: P4522-12

% 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	17000	D	11/13/2024	0919
7440-36-0	Antimony	1.9	JD	11/13/2024	0919
7440-38-2	Arsenic	58	D*	11/13/2024	0919
7440-39-3	Barium	230	D	11/13/2024	0919
7440-41-7	Beryllium	0.52	JD	11/13/2024	0919
7440-43-9	Cadmium	2.8	D	11/13/2024	0919
7440-70-2	Calcium	3600	D	11/13/2024	0919
7440-47-3	Chromium	42	D	11/13/2024	0919
7440-48-4	Cobalt	26	D	11/13/2024	0919
7440-50-8	Copper	120	D	11/13/2024	0919
7439-89-6	Iron	50000	D	11/13/2024	0919
7439-92-1	Lead	46	D	11/13/2024	0919
7439-95-4	Magnesium	8000	D	11/13/2024	0919
7439-96-5	Manganese	980	D	11/13/2024	0919
7440-02-0	Nickel	48	D	11/13/2024	0919
7440-09-7	Potassium	2900	D	11/13/2024	0919
7782-49-2	Selenium	5.2	UD	11/13/2024	0919
7440-22-4	Silver	1.5	UD	11/13/2024	0919
7440-23-5	Sodium	270	JD	11/13/2024	0919
7440-28-0	Thallium	3.7	UD	11/13/2024	0919
7440-62-2	Vanadium	100	D	11/13/2024	0919
7440-66-6	Zinc	110	D	11/13/2024	0919

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

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MYE4S2

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4R1

Matrix: SOIL Lab Sample ID: P4522-13

% 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	11/13/2024	0923
7440-36-0	Antimony	1.8	JD	11/13/2024	0923
7440-38-2	Arsenic	120	D*	11/13/2024	0923
7440-39-3	Barium	220	D	11/13/2024	0923
7440-41-7	Beryllium	0.57	JD	11/13/2024	0923
7440-43-9	Cadmium	2.9	D	11/13/2024	0923
7440-70-2	Calcium	3800	D	11/13/2024	0923
7440-47-3	Chromium	35	D	11/13/2024	0923
7440-48-4	Cobalt	23	D	11/13/2024	0923
7440-50-8	Copper	110	D	11/13/2024	0923
7439-89-6	Iron	46000	D	11/13/2024	0923
7439-92-1	Lead	48	D	11/13/2024	0923
7439-95-4	Magnesium	7500	D	11/13/2024	0923
7439-96-5	Manganese	960	D	11/13/2024	0923
7440-02-0	Nickel	46	D	11/13/2024	0923
7440-09-7	Potassium	3100	D	11/13/2024	0923
7782-49-2	Selenium	5.7	UD	11/13/2024	0923
7440-22-4	Silver	1.6	UD	11/13/2024	0923
7440-23-5	Sodium	230	JD	11/13/2024	0923
7440-28-0	Thallium	4.1	UD	11/13/2024	0923
7440-62-2	Vanadium	87	D	11/13/2024	0923
7440-66-6	Zinc	130	D	11/13/2024	0923

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4S3

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4R1

Matrix: SOIL Lab Sample ID: P4522-14

% Solids: 98.1 Date Received: 10/23/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	16000	D	11/13/2024	0928
7440-36-0	Antimony	1.8	JD	11/13/2024	0928
7440-38-2	Arsenic	77	D*	11/13/2024	0928
7440-39-3	Barium	220	D	11/13/2024	0928
7440-41-7	Beryllium	0.54	JD	11/13/2024	0928
7440-43-9	Cadmium	2.7	D	11/13/2024	0928
7440-70-2	Calcium	3100	D	11/13/2024	0928
7440-47-3	Chromium	36	D	11/13/2024	0928
7440-48-4	Cobalt	25	D	11/13/2024	0928
7440-50-8	Copper	130	D	11/13/2024	0928
7439-89-6	Iron	46000	D	11/13/2024	0928
7439-92-1	Lead	47	D	11/13/2024	0928
7439-95-4	Magnesium	7900	D	11/13/2024	0928
7439-96-5	Manganese	1100	D	11/13/2024	0928
7440-02-0	Nickel	50	D	11/13/2024	0928
7440-09-7	Potassium	2600	D	11/13/2024	0928
7782-49-2	Selenium	5.3	UD	11/13/2024	0928
7440-22-4	Silver	1.5	UD	11/13/2024	0928
7440-23-5	Sodium	270	JD	11/13/2024	0928
7440-28-0	Thallium	3.8	UD	11/13/2024	0928
7440-62-2	Vanadium	91	D	11/13/2024	0928
7440-66-6	Zinc	110	D	11/13/2024	0928

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4S4

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4R1

Matrix: SOIL Lab Sample ID: P4522-15

% 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	16000	D	11/13/2024	0932
7440-36-0	Antimony	2.5	JD	11/13/2024	0932
7440-38-2	Arsenic	56	D*	11/13/2024	0932
7440-39-3	Barium	250	D	11/13/2024	0932
7440-41-7	Beryllium	0.58	JD	11/13/2024	0932
7440-43-9	Cadmium	2.9	D	11/13/2024	0932
7440-70-2	Calcium	3700	D	11/13/2024	0932
7440-47-3	Chromium	36	D	11/13/2024	0932
7440-48-4	Cobalt	25	D	11/13/2024	0932
7440-50-8	Copper	130	D	11/13/2024	0932
7439-89-6	Iron	42000	D	11/13/2024	0932
7439-92-1	Lead	58	D	11/13/2024	0932
7439-95-4	Magnesium	7900	D	11/13/2024	0932
7439-96-5	Manganese	1000	D	11/13/2024	0932
7440-02-0	Nickel	53	D	11/13/2024	0932
7440-09-7	Potassium	2600	D	11/13/2024	0932
7782-49-2	Selenium	5.3	UD	11/13/2024	0932
7440-22-4	Silver	1.5	UD	11/13/2024	0932
7440-23-5	Sodium	220	JD	11/13/2024	0932
7440-28-0	Thallium	3.8	UD	11/13/2024	0932
7440-62-2	Vanadium	88	D	11/13/2024	0932
7440-66-6	Zinc	130	D	11/13/2024	0932

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4S5

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4R1

Matrix: SOIL Lab Sample ID: P4522-16

% 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	18000	D	11/13/2024	0937
7440-36-0	Antimony	1.4	JD	11/13/2024	0937
7440-38-2	Arsenic	75	D*	11/13/2024	0937
7440-39-3	Barium	250	D	11/13/2024	0937
7440-41-7	Beryllium	0.56	JD	11/13/2024	0937
7440-43-9	Cadmium	3.1	D	11/13/2024	0937
7440-70-2	Calcium	3600	D	11/13/2024	0937
7440-47-3	Chromium	41	D	11/13/2024	0937
7440-48-4	Cobalt	30	D	11/13/2024	0937
7440-50-8	Copper	130	D	11/13/2024	0937
7439-89-6	Iron	52000	D	11/13/2024	0937
7439-92-1	Lead	54	D	11/13/2024	0937
7439-95-4	Magnesium	8200	D	11/13/2024	0937
7439-96-5	Manganese	1000	D	11/13/2024	0937
7440-02-0	Nickel	49	D	11/13/2024	0937
7440-09-7	Potassium	3100	D	11/13/2024	0937
7782-49-2	Selenium	6.3	UD	11/13/2024	0937
7440-22-4	Silver	1.8	UD	11/13/2024	0937
7440-23-5	Sodium	240	JD	11/13/2024	0937
7440-28-0	Thallium	4.5	UD	11/13/2024	0937
7440-62-2	Vanadium	110	D	11/13/2024	0937
7440-66-6	Zinc	130	D	11/13/2024	0937

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4S6

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4R1

Matrix: SOIL Lab Sample ID: P4522-17

% 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	19000	D	11/13/2024	0941
7440-36-0	Antimony	1.8	JD	11/13/2024	0941
7440-38-2	Arsenic	63	D*	11/13/2024	0941
7440-39-3	Barium	280	D	11/13/2024	0941
7440-41-7	Beryllium	0.61	JD	11/13/2024	0941
7440-43-9	Cadmium	2.9	D	11/13/2024	0941
7440-70-2	Calcium	4100	D	11/13/2024	0941
7440-47-3	Chromium	41	D	11/13/2024	0941
7440-48-4	Cobalt	28	D	11/13/2024	0941
7440-50-8	Copper	130	D	11/13/2024	0941
7439-89-6	Iron	50000	D	11/13/2024	0941
7439-92-1	Lead	48	D	11/13/2024	0941
7439-95-4	Magnesium	8700	D	11/13/2024	0941
7439-96-5	Manganese	1000	D	11/13/2024	0941
7440-02-0	Nickel	56	D	11/13/2024	0941
7440-09-7	Potassium	3000	D	11/13/2024	0941
7782-49-2	Selenium	5.6	UD	11/13/2024	0941
7440-22-4	Silver	1.6	UD	11/13/2024	0941
7440-23-5	Sodium	260	JD	11/13/2024	0941
7440-28-0	Thallium	4.0	UD	11/13/2024	0941
7440-62-2	Vanadium	100	D	11/13/2024	0941
7440-66-6	Zinc	110	D	11/13/2024	0941

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4S7

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4R1

Matrix: SOIL Lab Sample ID: P4522-18

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

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	18000	D	11/13/2024	0945
7440-36-0	Antimony	2.0	JD	11/13/2024	0945
7440-38-2	Arsenic	58	D*	11/13/2024	0945
7440-39-3	Barium	250	D	11/13/2024	0945
7440-41-7	Beryllium	0.55	JD	11/13/2024	0945
7440-43-9	Cadmium	3.2	D	11/13/2024	0945
7440-70-2	Calcium	3900	D	11/13/2024	0945
7440-47-3	Chromium	42	D	11/13/2024	0945
7440-48-4	Cobalt	27	D	11/13/2024	0945
7440-50-8	Copper	180	D	11/13/2024	0945
7439-89-6	Iron	49000	D	11/13/2024	0945
7439-92-1	Lead	58	D	11/13/2024	0945
7439-95-4	Magnesium	8500	D	11/13/2024	0945
7439-96-5	Manganese	1100	D	11/13/2024	0945
7440-02-0	Nickel	51	D	11/13/2024	0945
7440-09-7	Potassium	3000	D	11/13/2024	0945
7782-49-2	Selenium	5.3	UD	11/13/2024	0945
7440-22-4	Silver	1.5	UD	11/13/2024	0945
7440-23-5	Sodium	240	JD	11/13/2024	0945
7440-28-0	Thallium	3.8	UD	11/13/2024	0945
7440-62-2	Vanadium	97	D	11/13/2024	0945
7440-66-6	Zinc	120	D	11/13/2024	0945

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4S8

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4R1

Matrix: SOIL Lab Sample ID: P4522-19

% Solids: 98.8 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	14000	D	11/13/2024	0950
7440-36-0	Antimony	1.8	JD	11/13/2024	0950
7440-38-2	Arsenic	51	D*	11/13/2024	0950
7440-39-3	Barium	200	D	11/13/2024	0950
7440-41-7	Beryllium	0.47	JD	11/13/2024	0950
7440-43-9	Cadmium	2.7	D	11/13/2024	0950
7440-70-2	Calcium	3100	D	11/13/2024	0950
7440-47-3	Chromium	34	D	11/13/2024	0950
7440-48-4	Cobalt	24	D	11/13/2024	0950
7440-50-8	Copper	120	D	11/13/2024	0950
7439-89-6	Iron	41000	D	11/13/2024	0950
7439-92-1	Lead	49	D	11/13/2024	0950
7439-95-4	Magnesium	6700	D	11/13/2024	0950
7439-96-5	Manganese	900	D	11/13/2024	0950
7440-02-0	Nickel	42	D	11/13/2024	0950
7440-09-7	Potassium	2500	D	11/13/2024	0950
7782-49-2	Selenium	4.8	UD	11/13/2024	0950
7440-22-4	Silver	1.4	UD	11/13/2024	0950
7440-23-5	Sodium	210	JD	11/13/2024	0950
7440-28-0	Thallium	3.4	UD	11/13/2024	0950
7440-62-2	Vanadium	85	D	11/13/2024	0950
7440-66-6	Zinc	120	D	11/13/2024	0950

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4S9

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4R1

Matrix: SOIL Lab Sample ID: P4522-20

% 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	16000	D	11/13/2024	0954
7440-36-0	Antimony	1.5	JD	11/13/2024	0954
7440-38-2	Arsenic	61	D*	11/13/2024	0954
7440-39-3	Barium	240	D	11/13/2024	0954
7440-41-7	Beryllium	0.49	JD	11/13/2024	0954
7440-43-9	Cadmium	3.0	D	11/13/2024	0954
7440-70-2	Calcium	3700	D	11/13/2024	0954
7440-47-3	Chromium	34	D	11/13/2024	0954
7440-48-4	Cobalt	24	D	11/13/2024	0954
7440-50-8	Copper	150	D	11/13/2024	0954
7439-89-6	Iron	41000	D	11/13/2024	0954
7439-92-1	Lead	62	D	11/13/2024	0954
7439-95-4	Magnesium	8200	D	11/13/2024	0954
7439-96-5	Manganese	1200	D	11/13/2024	0954
7440-02-0	Nickel	49	D	11/13/2024	0954
7440-09-7	Potassium	2400	D	11/13/2024	0954
7782-49-2	Selenium	5.1	UD	11/13/2024	0954
7440-22-4	Silver	1.4	UD	11/13/2024	0954
7440-23-5	Sodium	230	JD	11/13/2024	0954
7440-28-0	Thallium	3.6	UD	11/13/2024	0954
7440-62-2	Vanadium	83	D	11/13/2024	0954
7440-66-6	Zinc	130	D	11/13/2024	0954

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

Comments:

FORM 1 - IN
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MYE4T0

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4R1

Matrix: SOIL Lab Sample ID: P4522-21

% 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	21000	D	11/13/2024	0959
7440-36-0	Antimony	1.9	JD	11/13/2024	0959
7440-38-2	Arsenic	55	D*	11/13/2024	0959
7440-39-3	Barium	300	D	11/13/2024	0959
7440-41-7	Beryllium	0.63	JD	11/13/2024	0959
7440-43-9	Cadmium	2.6	D	11/13/2024	0959
7440-70-2	Calcium	5700	D	11/13/2024	0959
7440-47-3	Chromium	41	D	11/13/2024	0959
7440-48-4	Cobalt	27	D	11/13/2024	0959
7440-50-8	Copper	120	D	11/13/2024	0959
7439-89-6	Iron	48000	D	11/13/2024	0959
7439-92-1	Lead	38	D	11/13/2024	0959
7439-95-4	Magnesium	9100	D	11/13/2024	0959
7439-96-5	Manganese	1000	D	11/13/2024	0959
7440-02-0	Nickel	63	D	11/13/2024	0959
7440-09-7	Potassium	2400	D	11/13/2024	0959
7782-49-2	Selenium	6.4	UD	11/13/2024	0959
7440-22-4	Silver	1.8	UD	11/13/2024	0959
7440-23-5	Sodium	230	JD	11/13/2024	0959
7440-28-0	Thallium	4.6	UD	11/13/2024	0959
7440-62-2	Vanadium	92	D	11/13/2024	0959
7440-66-6	Zinc	130	D	11/13/2024	0959

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4T1

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4R1

Matrix: SOIL Lab Sample ID: P4522-22

% 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	25000	D	11/13/2024	1021
7440-36-0	Antimony	1.5	JD	11/13/2024	1021
7440-38-2	Arsenic	58	D*	11/13/2024	1021
7440-39-3	Barium	290	D	11/13/2024	1021
7440-41-7	Beryllium	0.68	JD	11/13/2024	1021
7440-43-9	Cadmium	2.9	D	11/13/2024	1021
7440-70-2	Calcium	9500	D	11/13/2024	1021
7440-47-3	Chromium	46	D	11/13/2024	1021
7440-48-4	Cobalt	28	D	11/13/2024	1021
7440-50-8	Copper	120	D	11/13/2024	1021
7439-89-6	Iron	51000	D	11/13/2024	1021
7439-92-1	Lead	41	D	11/13/2024	1021
7439-95-4	Magnesium	10000	D	11/13/2024	1021
7439-96-5	Manganese	1000	D	11/13/2024	1021
7440-02-0	Nickel	66	D	11/13/2024	1021
7440-09-7	Potassium	2400	D	11/13/2024	1021
7782-49-2	Selenium	5.9	UD	11/13/2024	1021
7440-22-4	Silver	1.7	UD	11/13/2024	1021
7440-23-5	Sodium	290	JD	11/13/2024	1021
7440-28-0	Thallium	4.2	UD	11/13/2024	1021
7440-62-2	Vanadium	100	D	11/13/2024	1021
7440-66-6	Zinc	670	D	11/13/2024	1021

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

Comments: