

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4F0

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4F0

Matrix: SOIL Lab Sample ID: P4483-01

% Solids: 95.4 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	23000	D	10/29/2024	1755
7440-36-0	Antimony	1.6	JD	10/29/2024	1755
7440-38-2	Arsenic	17	D	10/29/2024	1755
7440-39-3	Barium	59	D	10/29/2024	1755
7440-41-7	Beryllium	0.53	JD	10/29/2024	1755
7440-43-9	Cadmium	0.14	JD	10/29/2024	1755
7440-70-2	Calcium	7100	D	10/29/2024	1755
7440-47-3	Chromium	100	D*	10/29/2024	1755
7440-48-4	Cobalt	39	D	10/29/2024	1755
7440-50-8	Copper	110	D	10/29/2024	1755
7439-89-6	Iron	51000	D	10/29/2024	1755
7439-92-1	Lead	47	D	10/29/2024	1755
7439-95-4	Magnesium	19000	D	10/29/2024	1755
7439-96-5	Manganese	790	D	10/29/2024	1755
7440-02-0	Nickel	99	D	10/29/2024	1755
7440-09-7	Potassium	2300	D	10/29/2024	1755
7782-49-2	Selenium	6.7	UD	10/29/2024	1755
7440-22-4	Silver	1.9	UD	10/29/2024	1755
7440-23-5	Sodium	290	JD	10/29/2024	1755
7440-28-0	Thallium	4.8	UD	10/29/2024	1755
7440-62-2	Vanadium	110	D	10/29/2024	1755
7440-66-6	Zinc	67	D*	10/29/2024	1755

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

Comments:

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MYE4F1

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4F0

Matrix: SOIL Lab Sample ID: P4483-02

% Solids: 94.3 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	16000	D	10/29/2024	1800
7440-36-0	Antimony	1.1	JD	10/29/2024	1800
7440-38-2	Arsenic	22	D	10/29/2024	1800
7440-39-3	Barium	150	D	10/29/2024	1800
7440-41-7	Beryllium	0.76	JD	10/29/2024	1800
7440-43-9	Cadmium	0.28	JD	10/29/2024	1800
7440-70-2	Calcium	7100	D	10/29/2024	1800
7440-47-3	Chromium	37	D*	10/29/2024	1800
7440-48-4	Cobalt	19	D	10/29/2024	1800
7440-50-8	Copper	66	D	10/29/2024	1800
7439-89-6	Iron	34000	D	10/29/2024	1800
7439-92-1	Lead	21	D	10/29/2024	1800
7439-95-4	Magnesium	7600	D	10/29/2024	1800
7439-96-5	Manganese	710	D	10/29/2024	1800
7440-02-0	Nickel	31	D	10/29/2024	1800
7440-09-7	Potassium	3600	D	10/29/2024	1800
7782-49-2	Selenium	5.6	UD	10/29/2024	1800
7440-22-4	Silver	1.6	UD	10/29/2024	1800
7440-23-5	Sodium	250	JD	10/29/2024	1800
7440-28-0	Thallium	4.0	UD	10/29/2024	1800
7440-62-2	Vanadium	68	D	10/29/2024	1800
7440-66-6	Zinc	68	D*	10/29/2024	1800

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

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MYE4F2

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4F0

Matrix: SOIL Lab Sample ID: P4483-03

% 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	16000	D	10/29/2024	1804
7440-36-0	Antimony	1.0	JD	10/29/2024	1804
7440-38-2	Arsenic	18	D	10/29/2024	1804
7440-39-3	Barium	120	D	10/29/2024	1804
7440-41-7	Beryllium	0.65	JD	10/29/2024	1804
7440-43-9	Cadmium	0.24	JD	10/29/2024	1804
7440-70-2	Calcium	11000	D	10/29/2024	1804
7440-47-3	Chromium	46	D*	10/29/2024	1804
7440-48-4	Cobalt	22	D	10/29/2024	1804
7440-50-8	Copper	70	D	10/29/2024	1804
7439-89-6	Iron	35000	D	10/29/2024	1804
7439-92-1	Lead	17	D	10/29/2024	1804
7439-95-4	Magnesium	10000	D	10/29/2024	1804
7439-96-5	Manganese	740	D	10/29/2024	1804
7440-02-0	Nickel	45	D	10/29/2024	1804
7440-09-7	Potassium	2500	D	10/29/2024	1804
7782-49-2	Selenium	5.7	UD	10/29/2024	1804
7440-22-4	Silver	1.6	UD	10/29/2024	1804
7440-23-5	Sodium	250	JD	10/29/2024	1804
7440-28-0	Thallium	4.1	UD	10/29/2024	1804
7440-62-2	Vanadium	77	D	10/29/2024	1804
7440-66-6	Zinc	61	D*	10/29/2024	1804

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

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MYE4F3

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4F0

Matrix: SOIL Lab Sample ID: P4483-04

% Solids: 98.6 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	7200	D	10/29/2024	1809
7440-36-0	Antimony	0.71	JD	10/29/2024	1809
7440-38-2	Arsenic	10	D	10/29/2024	1809
7440-39-3	Barium	68	D	10/29/2024	1809
7440-41-7	Beryllium	0.40	JD	10/29/2024	1809
7440-43-9	Cadmium	0.12	JD	10/29/2024	1809
7440-70-2	Calcium	6700	D	10/29/2024	1809
7440-47-3	Chromium	15	D*	10/29/2024	1809
7440-48-4	Cobalt	9.3	D	10/29/2024	1809
7440-50-8	Copper	28	D	10/29/2024	1809
7439-89-6	Iron	19000	D	10/29/2024	1809
7439-92-1	Lead	11	D	10/29/2024	1809
7439-95-4	Magnesium	3700	D	10/29/2024	1809
7439-96-5	Manganese	390	D	10/29/2024	1809
7440-02-0	Nickel	14	D	10/29/2024	1809
7440-09-7	Potassium	1800	D	10/29/2024	1809
7782-49-2	Selenium	5.0	UD	10/29/2024	1809
7440-22-4	Silver	1.4	UD	10/29/2024	1809
7440-23-5	Sodium	710	UD	10/29/2024	1809
7440-28-0	Thallium	3.6	UD	10/29/2024	1809
7440-62-2	Vanadium	42	D	10/29/2024	1809
7440-66-6	Zinc	35	D*	10/29/2024	1809

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

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MYE4F4

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4F0

Matrix: SOIL Lab Sample ID: P4483-05

% Solids: 97 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	9800	D	10/29/2024	1813
7440-36-0	Antimony	1.5	JD	10/29/2024	1813
7440-38-2	Arsenic	11	D	10/29/2024	1813
7440-39-3	Barium	75	D	10/29/2024	1813
7440-41-7	Beryllium	0.51	JD	10/29/2024	1813
7440-43-9	Cadmium	0.13	JD	10/29/2024	1813
7440-70-2	Calcium	4700	D	10/29/2024	1813
7440-47-3	Chromium	28	D*	10/29/2024	1813
7440-48-4	Cobalt	15	D	10/29/2024	1813
7440-50-8	Copper	33	D	10/29/2024	1813
7439-89-6	Iron	28000	D	10/29/2024	1813
7439-92-1	Lead	14	D	10/29/2024	1813
7439-95-4	Magnesium	5500	D	10/29/2024	1813
7439-96-5	Manganese	440	D	10/29/2024	1813
7440-02-0	Nickel	28	D	10/29/2024	1813
7440-09-7	Potassium	1500	D	10/29/2024	1813
7782-49-2	Selenium	6.2	UD	10/29/2024	1813
7440-22-4	Silver	1.8	UD	10/29/2024	1813
7440-23-5	Sodium	890	UD	10/29/2024	1813
7440-28-0	Thallium	4.4	UD	10/29/2024	1813
7440-62-2	Vanadium	68	D	10/29/2024	1813
7440-66-6	Zinc	42	D*	10/29/2024	1813

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

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MYE4F5

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4F0

Matrix: SOIL Lab Sample ID: P4483-06

% Solids: 96.2 Date Received: 10/22/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	15000	D	10/29/2024	1818
7440-36-0	Antimony	1.1	JD	10/29/2024	1818
7440-38-2	Arsenic	29	D	10/29/2024	1818
7440-39-3	Barium	150	D	10/29/2024	1818
7440-41-7	Beryllium	0.72	JD	10/29/2024	1818
7440-43-9	Cadmium	0.60	JD	10/29/2024	1818
7440-70-2	Calcium	5900	D	10/29/2024	1818
7440-47-3	Chromium	33	D*	10/29/2024	1818
7440-48-4	Cobalt	18	D	10/29/2024	1818
7440-50-8	Copper	88	D	10/29/2024	1818
7439-89-6	Iron	32000	D	10/29/2024	1818
7439-92-1	Lead	27	D	10/29/2024	1818
7439-95-4	Magnesium	7100	D	10/29/2024	1818
7439-96-5	Manganese	800	D	10/29/2024	1818
7440-02-0	Nickel	32	D	10/29/2024	1818
7440-09-7	Potassium	4100	D	10/29/2024	1818
7782-49-2	Selenium	5.2	UD	10/29/2024	1818
7440-22-4	Silver	1.5	UD	10/29/2024	1818
7440-23-5	Sodium	280	JD	10/29/2024	1818
7440-28-0	Thallium	3.7	UD	10/29/2024	1818
7440-62-2	Vanadium	63	D	10/29/2024	1818
7440-66-6	Zinc	77	D*	10/29/2024	1818

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

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MYE4F6

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4F0

Matrix: SOIL Lab Sample ID: P4483-07

% Solids: 95.2 Date Received: 10/22/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	17000	D	10/29/2024	1822
7440-36-0	Antimony	0.77	JD	10/29/2024	1822
7440-38-2	Arsenic	31	D	10/29/2024	1822
7440-39-3	Barium	150	D	10/29/2024	1822
7440-41-7	Beryllium	0.77	JD	10/29/2024	1822
7440-43-9	Cadmium	0.82	D	10/29/2024	1822
7440-70-2	Calcium	5400	D	10/29/2024	1822
7440-47-3	Chromium	36	D*	10/29/2024	1822
7440-48-4	Cobalt	19	D	10/29/2024	1822
7440-50-8	Copper	120	D	10/29/2024	1822
7439-89-6	Iron	34000	D	10/29/2024	1822
7439-92-1	Lead	33	D	10/29/2024	1822
7439-95-4	Magnesium	7600	D	10/29/2024	1822
7439-96-5	Manganese	820	D	10/29/2024	1822
7440-02-0	Nickel	33	D	10/29/2024	1822
7440-09-7	Potassium	5000	D	10/29/2024	1822
7782-49-2	Selenium	5.5	UD	10/29/2024	1822
7440-22-4	Silver	1.6	UD	10/29/2024	1822
7440-23-5	Sodium	250	JD	10/29/2024	1822
7440-28-0	Thallium	3.9	UD	10/29/2024	1822
7440-62-2	Vanadium	64	D	10/29/2024	1822
7440-66-6	Zinc	91	D*	10/29/2024	1822

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

Comments:

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MYE4F7

Lab Name: Alliance Technical Group, LLC

Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817

MA No. : 3226.1 SDG No.: MYE4F0

Matrix: SOIL

Lab Sample ID: P4483-08

% 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	17000	D	10/29/2024	1826
7440-36-0	Antimony	1.2	JD	10/29/2024	1826
7440-38-2	Arsenic	33	D	10/29/2024	1826
7440-39-3	Barium	190	D	10/29/2024	1826
7440-41-7	Beryllium	0.80	JD	10/29/2024	1826
7440-43-9	Cadmium	0.50	JD	10/29/2024	1826
7440-70-2	Calcium	10000	D	10/29/2024	1826
7440-47-3	Chromium	40	D*	10/29/2024	1826
7440-48-4	Cobalt	20	D	10/29/2024	1826
7440-50-8	Copper	87	D	10/29/2024	1826
7439-89-6	Iron	36000	D	10/29/2024	1826
7439-92-1	Lead	27	D	10/29/2024	1826
7439-95-4	Magnesium	8100	D	10/29/2024	1826
7439-96-5	Manganese	1100	D	10/29/2024	1826
7440-02-0	Nickel	37	D	10/29/2024	1826
7440-09-7	Potassium	4400	D	10/29/2024	1826
7782-49-2	Selenium	6.1	UD	10/29/2024	1826
7440-22-4	Silver	1.8	UD	10/29/2024	1826
7440-23-5	Sodium	190	JD	10/29/2024	1826
7440-28-0	Thallium	4.4	UD	10/29/2024	1826
7440-62-2	Vanadium	67	D	10/29/2024	1826
7440-66-6	Zinc	79	D*	10/29/2024	1826

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

Comments:

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MYE4F8

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4F0

Matrix: SOIL Lab Sample ID: P4483-09

% 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	11000	D	10/29/2024	1831
7440-36-0	Antimony	0.80	JD	10/29/2024	1831
7440-38-2	Arsenic	13	D	10/29/2024	1831
7440-39-3	Barium	110	D	10/29/2024	1831
7440-41-7	Beryllium	0.56	JD	10/29/2024	1831
7440-43-9	Cadmium	0.23	JD	10/29/2024	1831
7440-70-2	Calcium	5900	D	10/29/2024	1831
7440-47-3	Chromium	23	D*	10/29/2024	1831
7440-48-4	Cobalt	12	D	10/29/2024	1831
7440-50-8	Copper	43	D	10/29/2024	1831
7439-89-6	Iron	22000	D	10/29/2024	1831
7439-92-1	Lead	19	D	10/29/2024	1831
7439-95-4	Magnesium	5100	D	10/29/2024	1831
7439-96-5	Manganese	570	D	10/29/2024	1831
7440-02-0	Nickel	22	D	10/29/2024	1831
7440-09-7	Potassium	3300	D	10/29/2024	1831
7782-49-2	Selenium	5.0	UD	10/29/2024	1831
7440-22-4	Silver	1.4	UD	10/29/2024	1831
7440-23-5	Sodium	140	JD	10/29/2024	1831
7440-28-0	Thallium	3.6	UD	10/29/2024	1831
7440-62-2	Vanadium	44	D	10/29/2024	1831
7440-66-6	Zinc	54	D*	10/29/2024	1831

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

Comments:

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MYE4F9

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4F0

Matrix: SOIL Lab Sample ID: P4483-10

% Solids: 93 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	1835
7440-36-0	Antimony	1.6	JD	10/29/2024	1835
7440-38-2	Arsenic	17	D	10/29/2024	1835
7440-39-3	Barium	140	D	10/29/2024	1835
7440-41-7	Beryllium	0.75	JD	10/29/2024	1835
7440-43-9	Cadmium	0.36	JD	10/29/2024	1835
7440-70-2	Calcium	7200	D	10/29/2024	1835
7440-47-3	Chromium	34	D*	10/29/2024	1835
7440-48-4	Cobalt	16	D	10/29/2024	1835
7440-50-8	Copper	57	D	10/29/2024	1835
7439-89-6	Iron	31000	D	10/29/2024	1835
7439-92-1	Lead	20	D	10/29/2024	1835
7439-95-4	Magnesium	7200	D	10/29/2024	1835
7439-96-5	Manganese	720	D	10/29/2024	1835
7440-02-0	Nickel	31	D	10/29/2024	1835
7440-09-7	Potassium	4500	D	10/29/2024	1835
7782-49-2	Selenium	6.2	UD	10/29/2024	1835
7440-22-4	Silver	1.8	UD	10/29/2024	1835
7440-23-5	Sodium	240	JD	10/29/2024	1835
7440-28-0	Thallium	4.4	UD	10/29/2024	1835
7440-62-2	Vanadium	63	D	10/29/2024	1835
7440-66-6	Zinc	68	D*	10/29/2024	1835

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

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MYE4G0

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4F0

Matrix: SOIL Lab Sample ID: P4483-11

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

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	16000	D	10/29/2024	1840
7440-36-0	Antimony	1.1	JD	10/29/2024	1840
7440-38-2	Arsenic	34	D	10/29/2024	1840
7440-39-3	Barium	160	D	10/29/2024	1840
7440-41-7	Beryllium	0.77	D	10/29/2024	1840
7440-43-9	Cadmium	0.96	D	10/29/2024	1840
7440-70-2	Calcium	6100	D	10/29/2024	1840
7440-47-3	Chromium	37	D*	10/29/2024	1840
7440-48-4	Cobalt	19	D	10/29/2024	1840
7440-50-8	Copper	130	D	10/29/2024	1840
7439-89-6	Iron	33000	D	10/29/2024	1840
7439-92-1	Lead	38	D	10/29/2024	1840
7439-95-4	Magnesium	7700	D	10/29/2024	1840
7439-96-5	Manganese	870	D	10/29/2024	1840
7440-02-0	Nickel	36	D	10/29/2024	1840
7440-09-7	Potassium	4900	D	10/29/2024	1840
7782-49-2	Selenium	5.4	UD	10/29/2024	1840
7440-22-4	Silver	1.5	UD	10/29/2024	1840
7440-23-5	Sodium	170	JD	10/29/2024	1840
7440-28-0	Thallium	3.8	UD	10/29/2024	1840
7440-62-2	Vanadium	60	D	10/29/2024	1840
7440-66-6	Zinc	96	D*	10/29/2024	1840

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

Comments:

FORM 1 - IN
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MYE4G1

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4F0

Matrix: SOIL Lab Sample ID: P4483-12

% Solids: 94.2 Date Received: 10/22/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	20000	D	10/29/2024	1844
7440-36-0	Antimony	1.5	JD	10/29/2024	1844
7440-38-2	Arsenic	41	D	10/29/2024	1844
7440-39-3	Barium	200	D	10/29/2024	1844
7440-41-7	Beryllium	0.97	JD	10/29/2024	1844
7440-43-9	Cadmium	1.0	D	10/29/2024	1844
7440-70-2	Calcium	7500	D	10/29/2024	1844
7440-47-3	Chromium	45	D*	10/29/2024	1844
7440-48-4	Cobalt	23	D	10/29/2024	1844
7440-50-8	Copper	160	D	10/29/2024	1844
7439-89-6	Iron	41000	D	10/29/2024	1844
7439-92-1	Lead	46	D	10/29/2024	1844
7439-95-4	Magnesium	9300	D	10/29/2024	1844
7439-96-5	Manganese	1100	D	10/29/2024	1844
7440-02-0	Nickel	43	D	10/29/2024	1844
7440-09-7	Potassium	5900	D	10/29/2024	1844
7782-49-2	Selenium	6.9	UD	10/29/2024	1844
7440-22-4	Silver	2.0	UD	10/29/2024	1844
7440-23-5	Sodium	250	JD	10/29/2024	1844
7440-28-0	Thallium	5.0	UD	10/29/2024	1844
7440-62-2	Vanadium	75	D	10/29/2024	1844
7440-66-6	Zinc	120	D*	10/29/2024	1844

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4G2

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4F0

Matrix: SOIL Lab Sample ID: P4483-13

% 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	17000	D	10/29/2024	1849
7440-36-0	Antimony	1.3	JD	10/29/2024	1849
7440-38-2	Arsenic	33	D	10/29/2024	1849
7440-39-3	Barium	170	D	10/29/2024	1849
7440-41-7	Beryllium	0.81	JD	10/29/2024	1849
7440-43-9	Cadmium	0.60	JD	10/29/2024	1849
7440-70-2	Calcium	5400	D	10/29/2024	1849
7440-47-3	Chromium	39	D*	10/29/2024	1849
7440-48-4	Cobalt	19	D	10/29/2024	1849
7440-50-8	Copper	100	D	10/29/2024	1849
7439-89-6	Iron	36000	D	10/29/2024	1849
7439-92-1	Lead	30	D	10/29/2024	1849
7439-95-4	Magnesium	7800	D	10/29/2024	1849
7439-96-5	Manganese	920	D	10/29/2024	1849
7440-02-0	Nickel	36	D	10/29/2024	1849
7440-09-7	Potassium	4700	D	10/29/2024	1849
7782-49-2	Selenium	6.4	UD	10/29/2024	1849
7440-22-4	Silver	1.8	UD	10/29/2024	1849
7440-23-5	Sodium	280	JD	10/29/2024	1849
7440-28-0	Thallium	4.6	UD	10/29/2024	1849
7440-62-2	Vanadium	68	D	10/29/2024	1849
7440-66-6	Zinc	85	D*	10/29/2024	1849

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

Comments:

FORM 1 - IN
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MYE4G3

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4F0

Matrix: SOIL Lab Sample ID: P4483-14

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

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	14000	D	10/29/2024	1853
7440-36-0	Antimony	1.2	JD	10/29/2024	1853
7440-38-2	Arsenic	31	D	10/29/2024	1853
7440-39-3	Barium	150	D	10/29/2024	1853
7440-41-7	Beryllium	0.74	JD	10/29/2024	1853
7440-43-9	Cadmium	0.66	JD	10/29/2024	1853
7440-70-2	Calcium	4400	D	10/29/2024	1853
7440-47-3	Chromium	33	D*	10/29/2024	1853
7440-48-4	Cobalt	17	D	10/29/2024	1853
7440-50-8	Copper	110	D	10/29/2024	1853
7439-89-6	Iron	31000	D	10/29/2024	1853
7439-92-1	Lead	30	D	10/29/2024	1853
7439-95-4	Magnesium	6900	D	10/29/2024	1853
7439-96-5	Manganese	800	D	10/29/2024	1853
7440-02-0	Nickel	31	D	10/29/2024	1853
7440-09-7	Potassium	4700	D	10/29/2024	1853
7782-49-2	Selenium	5.5	UD	10/29/2024	1853
7440-22-4	Silver	1.6	UD	10/29/2024	1853
7440-23-5	Sodium	320	JD	10/29/2024	1853
7440-28-0	Thallium	3.9	UD	10/29/2024	1853
7440-62-2	Vanadium	59	D	10/29/2024	1853
7440-66-6	Zinc	80	D*	10/29/2024	1853

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

Comments:

FORM 1 - IN
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MYE4G4

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4F0

Matrix: SOIL Lab Sample ID: P4483-15

% Solids: 96.2 Date Received: 10/22/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	19000	D	10/29/2024	1857
7440-36-0	Antimony	1.4	JD	10/29/2024	1857
7440-38-2	Arsenic	27	D	10/29/2024	1857
7440-39-3	Barium	180	D	10/29/2024	1857
7440-41-7	Beryllium	0.86	D	10/29/2024	1857
7440-43-9	Cadmium	0.55	JD	10/29/2024	1857
7440-70-2	Calcium	9100	D	10/29/2024	1857
7440-47-3	Chromium	39	D*	10/29/2024	1857
7440-48-4	Cobalt	22	D	10/29/2024	1857
7440-50-8	Copper	89	D	10/29/2024	1857
7439-89-6	Iron	39000	D	10/29/2024	1857
7439-92-1	Lead	26	D	10/29/2024	1857
7439-95-4	Magnesium	8400	D	10/29/2024	1857
7439-96-5	Manganese	960	D	10/29/2024	1857
7440-02-0	Nickel	35	D	10/29/2024	1857
7440-09-7	Potassium	4500	D	10/29/2024	1857
7782-49-2	Selenium	5.9	UD	10/29/2024	1857
7440-22-4	Silver	1.7	UD	10/29/2024	1857
7440-23-5	Sodium	250	JD	10/29/2024	1857
7440-28-0	Thallium	4.2	UD	10/29/2024	1857
7440-62-2	Vanadium	74	D	10/29/2024	1857
7440-66-6	Zinc	86	D*	10/29/2024	1857

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

Comments:

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MYE4G5

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4F0

Matrix: SOIL Lab Sample ID: P4483-16

% 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	17000	D	10/29/2024	1902
7440-36-0	Antimony	1.2	JD	10/29/2024	1902
7440-38-2	Arsenic	36	D	10/29/2024	1902
7440-39-3	Barium	160	D	10/29/2024	1902
7440-41-7	Beryllium	0.78	D	10/29/2024	1902
7440-43-9	Cadmium	0.62	JD	10/29/2024	1902
7440-70-2	Calcium	7500	D	10/29/2024	1902
7440-47-3	Chromium	40	D*	10/29/2024	1902
7440-48-4	Cobalt	20	D	10/29/2024	1902
7440-50-8	Copper	100	D	10/29/2024	1902
7439-89-6	Iron	34000	D	10/29/2024	1902
7439-92-1	Lead	30	D	10/29/2024	1902
7439-95-4	Magnesium	8600	D	10/29/2024	1902
7439-96-5	Manganese	870	D	10/29/2024	1902
7440-02-0	Nickel	40	D	10/29/2024	1902
7440-09-7	Potassium	4300	D	10/29/2024	1902
7782-49-2	Selenium	5.4	UD	10/29/2024	1902
7440-22-4	Silver	1.6	UD	10/29/2024	1902
7440-23-5	Sodium	460	JD	10/29/2024	1902
7440-28-0	Thallium	3.9	UD	10/29/2024	1902
7440-62-2	Vanadium	64	D	10/29/2024	1902
7440-66-6	Zinc	80	D*	10/29/2024	1902

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

Comments:

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MYE4G6

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4F0

Matrix: SOIL Lab Sample ID: P4483-17

% 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	17000	D	10/29/2024	1906
7440-36-0	Antimony	1.2	JD	10/29/2024	1906
7440-38-2	Arsenic	33	D	10/29/2024	1906
7440-39-3	Barium	160	D	10/29/2024	1906
7440-41-7	Beryllium	0.82	JD	10/29/2024	1906
7440-43-9	Cadmium	0.92	JD	10/29/2024	1906
7440-70-2	Calcium	5400	D	10/29/2024	1906
7440-47-3	Chromium	38	D*	10/29/2024	1906
7440-48-4	Cobalt	19	D	10/29/2024	1906
7440-50-8	Copper	140	D	10/29/2024	1906
7439-89-6	Iron	35000	D	10/29/2024	1906
7439-92-1	Lead	39	D	10/29/2024	1906
7439-95-4	Magnesium	7700	D	10/29/2024	1906
7439-96-5	Manganese	830	D	10/29/2024	1906
7440-02-0	Nickel	34	D	10/29/2024	1906
7440-09-7	Potassium	5200	D	10/29/2024	1906
7782-49-2	Selenium	6.6	UD	10/29/2024	1906
7440-22-4	Silver	1.9	UD	10/29/2024	1906
7440-23-5	Sodium	190	JD	10/29/2024	1906
7440-28-0	Thallium	4.7	UD	10/29/2024	1906
7440-62-2	Vanadium	66	D	10/29/2024	1906
7440-66-6	Zinc	100	D*	10/29/2024	1906

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

Comments:

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MYE4G7

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4F0

Matrix: SOIL Lab Sample ID: P4483-18

% Solids: 95.2 Date Received: 10/22/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	15000	D	10/29/2024	1911
7440-36-0	Antimony	11	UD	10/29/2024	1911
7440-38-2	Arsenic	16	D	10/29/2024	1911
7440-39-3	Barium	150	D	10/29/2024	1911
7440-41-7	Beryllium	0.79	JD	10/29/2024	1911
7440-43-9	Cadmium	0.35	JD	10/29/2024	1911
7440-70-2	Calcium	8300	D	10/29/2024	1911
7440-47-3	Chromium	31	D*	10/29/2024	1911
7440-48-4	Cobalt	17	D	10/29/2024	1911
7440-50-8	Copper	60	D	10/29/2024	1911
7439-89-6	Iron	30000	D	10/29/2024	1911
7439-92-1	Lead	22	D	10/29/2024	1911
7439-95-4	Magnesium	7000	D	10/29/2024	1911
7439-96-5	Manganese	750	D	10/29/2024	1911
7440-02-0	Nickel	30	D	10/29/2024	1911
7440-09-7	Potassium	4500	D	10/29/2024	1911
7782-49-2	Selenium	6.1	UD	10/29/2024	1911
7440-22-4	Silver	1.8	UD	10/29/2024	1911
7440-23-5	Sodium	190	JD	10/29/2024	1911
7440-28-0	Thallium	4.4	UD	10/29/2024	1911
7440-62-2	Vanadium	60	D	10/29/2024	1911
7440-66-6	Zinc	73	D*	10/29/2024	1911

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

Comments:

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MYE4G8

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4F0

Matrix: SOIL Lab Sample ID: P4483-19

% Solids: 96 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	1915
7440-36-0	Antimony	1.0	JD	10/29/2024	1915
7440-38-2	Arsenic	29	D	10/29/2024	1915
7440-39-3	Barium	140	D	10/29/2024	1915
7440-41-7	Beryllium	0.65	JD	10/29/2024	1915
7440-43-9	Cadmium	0.56	JD	10/29/2024	1915
7440-70-2	Calcium	4300	D	10/29/2024	1915
7440-47-3	Chromium	32	D*	10/29/2024	1915
7440-48-4	Cobalt	17	D	10/29/2024	1915
7440-50-8	Copper	87	D	10/29/2024	1915
7439-89-6	Iron	30000	D	10/29/2024	1915
7439-92-1	Lead	25	D	10/29/2024	1915
7439-95-4	Magnesium	6500	D	10/29/2024	1915
7439-96-5	Manganese	790	D	10/29/2024	1915
7440-02-0	Nickel	30	D	10/29/2024	1915
7440-09-7	Potassium	4000	D	10/29/2024	1915
7782-49-2	Selenium	5.2	UD	10/29/2024	1915
7440-22-4	Silver	1.5	UD	10/29/2024	1915
7440-23-5	Sodium	180	JD	10/29/2024	1915
7440-28-0	Thallium	3.7	UD	10/29/2024	1915
7440-62-2	Vanadium	58	D	10/29/2024	1915
7440-66-6	Zinc	72	D*	10/29/2024	1915

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

Comments:

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MYE4G9

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4F0

Matrix: SOIL Lab Sample ID: P4483-20

% 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	17000	D	10/29/2024	1919
7440-36-0	Antimony	1.2	JD	10/29/2024	1919
7440-38-2	Arsenic	42	D	10/29/2024	1919
7440-39-3	Barium	180	D	10/29/2024	1919
7440-41-7	Beryllium	0.86	JD	10/29/2024	1919
7440-43-9	Cadmium	0.54	JD	10/29/2024	1919
7440-70-2	Calcium	7800	D	10/29/2024	1919
7440-47-3	Chromium	48	D*	10/29/2024	1919
7440-48-4	Cobalt	21	D	10/29/2024	1919
7440-50-8	Copper	85	D	10/29/2024	1919
7439-89-6	Iron	39000	D	10/29/2024	1919
7439-92-1	Lead	25	D	10/29/2024	1919
7439-95-4	Magnesium	9100	D	10/29/2024	1919
7439-96-5	Manganese	900	D	10/29/2024	1919
7440-02-0	Nickel	42	D	10/29/2024	1919
7440-09-7	Potassium	4200	D	10/29/2024	1919
7782-49-2	Selenium	6.3	UD	10/29/2024	1919
7440-22-4	Silver	1.8	UD	10/29/2024	1919
7440-23-5	Sodium	230	JD	10/29/2024	1919
7440-28-0	Thallium	4.5	UD	10/29/2024	1919
7440-62-2	Vanadium	77	D	10/29/2024	1919
7440-66-6	Zinc	83	D*	10/29/2024	1919

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

Comments: