

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE5J2

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5J2

Matrix: SOIL Lab Sample ID: P4588-01

% Solids: 74.3 Date Received: 10/26/2024

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	11/17/2024	1659
7440-36-0	Antimony	11	UD	11/17/2024	1659
7440-38-2	Arsenic	21	D	11/17/2024	1659
7440-39-3	Barium	170	D	11/17/2024	1659
7440-41-7	Beryllium	0.69	JD	11/17/2024	1659
7440-43-9	Cadmium	0.31	JD	11/17/2024	1659
7440-70-2	Calcium	5000	D	11/17/2024	1659
7440-47-3	Chromium	24	D	11/17/2024	1659
7440-48-4	Cobalt	15	D	11/17/2024	1659
7440-50-8	Copper	44	D	11/17/2024	1659
7439-89-6	Iron	26000	D	11/17/2024	1659
7439-92-1	Lead	19	D	11/17/2024	1659
7439-95-4	Magnesium	5800	D	11/17/2024	1659
7439-96-5	Manganese	860	D	11/17/2024	1659
7440-02-0	Nickel	27	D	11/17/2024	1659
7440-09-7	Potassium	2800	D	11/17/2024	1659
7782-49-2	Selenium	6.6	UD [†]	11/17/2024	1659
7440-22-4	Silver	1.9	UD	11/17/2024	1659
7440-23-5	Sodium	220	JD	11/17/2024	1659
7440-28-0	Thallium	4.7	UD	11/17/2024	1659
7440-62-2	Vanadium	44	D	11/17/2024	1659
7440-66-6	Zinc	66	D	11/17/2024	1659

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

Comments:

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MYE5J3

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5J2

Matrix: SOIL Lab Sample ID: P4588-02

% Solids: 94 Date Received: 10/26/2024

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	11/17/2024	1703
7440-36-0	Antimony	1.5	JD	11/17/2024	1703
7440-38-2	Arsenic	36	D	11/17/2024	1703
7440-39-3	Barium	150	D	11/17/2024	1703
7440-41-7	Beryllium	0.65	JD	11/17/2024	1703
7440-43-9	Cadmium	0.23	JD	11/17/2024	1703
7440-70-2	Calcium	6200	D	11/17/2024	1703
7440-47-3	Chromium	31	D	11/17/2024	1703
7440-48-4	Cobalt	15	D	11/17/2024	1703
7440-50-8	Copper	50	D	11/17/2024	1703
7439-89-6	Iron	28000	D	11/17/2024	1703
7439-92-1	Lead	14	D	11/17/2024	1703
7439-95-4	Magnesium	6100	D	11/17/2024	1703
7439-96-5	Manganese	820	D	11/17/2024	1703
7440-02-0	Nickel	28	D	11/17/2024	1703
7440-09-7	Potassium	2500	D	11/17/2024	1703
7782-49-2	Selenium	5.9	UD [†]	11/17/2024	1703
7440-22-4	Silver	1.7	UD	11/17/2024	1703
7440-23-5	Sodium	180	JD	11/17/2024	1703
7440-28-0	Thallium	4.2	UD	11/17/2024	1703
7440-62-2	Vanadium	48	D	11/17/2024	1703
7440-66-6	Zinc	79	D	11/17/2024	1703

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

Comments:

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MYE5J4

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5J2

Matrix: SOIL Lab Sample ID: P4588-03

% Solids: 85.1 Date Received: 10/26/2024

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	11/17/2024	1708
7440-36-0	Antimony	13	UD	11/17/2024	1708
7440-38-2	Arsenic	27	D	11/17/2024	1708
7440-39-3	Barium	140	D	11/17/2024	1708
7440-41-7	Beryllium	0.56	JD	11/17/2024	1708
7440-43-9	Cadmium	0.34	JD	11/17/2024	1708
7440-70-2	Calcium	11000	D	11/17/2024	1708
7440-47-3	Chromium	37	D	11/17/2024	1708
7440-48-4	Cobalt	15	D	11/17/2024	1708
7440-50-8	Copper	40	D	11/17/2024	1708
7439-89-6	Iron	28000	D	11/17/2024	1708
7439-92-1	Lead	11	D	11/17/2024	1708
7439-95-4	Magnesium	7700	D	11/17/2024	1708
7439-96-5	Manganese	840	D	11/17/2024	1708
7440-02-0	Nickel	30	D	11/17/2024	1708
7440-09-7	Potassium	1900	D	11/17/2024	1708
7782-49-2	Selenium	7.4	UD [†]	11/17/2024	1708
7440-22-4	Silver	2.1	UD	11/17/2024	1708
7440-23-5	Sodium	340	JD	11/17/2024	1708
7440-28-0	Thallium	5.3	UD	11/17/2024	1708
7440-62-2	Vanadium	49	D	11/17/2024	1708
7440-66-6	Zinc	79	D	11/17/2024	1708

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

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MYE5J5

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5J2

Matrix: SOIL Lab Sample ID: P4588-04

% Solids: 97.4 Date Received: 10/26/2024

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	11/17/2024	1712
7440-36-0	Antimony	0.74	JD	11/17/2024	1712
7440-38-2	Arsenic	29	D	11/17/2024	1712
7440-39-3	Barium	160	D	11/17/2024	1712
7440-41-7	Beryllium	0.64	JD	11/17/2024	1712
7440-43-9	Cadmium	0.25	JD	11/17/2024	1712
7440-70-2	Calcium	4200	D	11/17/2024	1712
7440-47-3	Chromium	33	D	11/17/2024	1712
7440-48-4	Cobalt	16	D	11/17/2024	1712
7440-50-8	Copper	51	D	11/17/2024	1712
7439-89-6	Iron	31000	D	11/17/2024	1712
7439-92-1	Lead	13	D	11/17/2024	1712
7439-95-4	Magnesium	6300	D	11/17/2024	1712
7439-96-5	Manganese	820	D	11/17/2024	1712
7440-02-0	Nickel	29	D	11/17/2024	1712
7440-09-7	Potassium	2400	D	11/17/2024	1712
7782-49-2	Selenium	5.5	UD [†]	11/17/2024	1712
7440-22-4	Silver	1.6	UD	11/17/2024	1712
7440-23-5	Sodium	200	JD	11/17/2024	1712
7440-28-0	Thallium	4.0	UD	11/17/2024	1712
7440-62-2	Vanadium	49	D	11/17/2024	1712
7440-66-6	Zinc	71	D	11/17/2024	1712

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

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MYE5J6

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5J2

Matrix: SOIL Lab Sample ID: P4588-05

% Solids: 82.7 Date Received: 10/26/2024

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	11/17/2024	2102
7440-36-0	Antimony	2.2	JD	11/17/2024	2102
7440-38-2	Arsenic	36	D	11/17/2024	2102
7440-39-3	Barium	180	D	11/17/2024	2102
7440-41-7	Beryllium	0.77	JD	11/17/2024	2102
7440-43-9	Cadmium	0.49	JD	11/17/2024	2102
7440-70-2	Calcium	7400	D	11/17/2024	2102
7440-47-3	Chromium	33	D	11/17/2024	2102
7440-48-4	Cobalt	16	D	11/17/2024	2102
7440-50-8	Copper	50	D	11/17/2024	2102
7439-89-6	Iron	32000	D	11/17/2024	2102
7439-92-1	Lead	15	D	11/17/2024	2102
7439-95-4	Magnesium	7800	D	11/17/2024	2102
7439-96-5	Manganese	820	D	11/17/2024	2102
7440-02-0	Nickel	31	D	11/17/2024	2102
7440-09-7	Potassium	3400	D	11/17/2024	2102
7782-49-2	Selenium	6.5	UD [†]	11/17/2024	2102
7440-22-4	Silver	1.9	UD	11/17/2024	2102
7440-23-5	Sodium	350	JD	11/17/2024	2102
7440-28-0	Thallium	4.6	UD	11/17/2024	2102
7440-62-2	Vanadium	56	D	11/17/2024	2102
7440-66-6	Zinc	110	D	11/17/2024	2102

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

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MYE5J7

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5J2

Matrix: SOIL Lab Sample ID: P4588-06

% Solids: 85.9 Date Received: 10/26/2024

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	11/17/2024	2106
7440-36-0	Antimony	2.6	JD	11/17/2024	2106
7440-38-2	Arsenic	37	D	11/17/2024	2106
7440-39-3	Barium	150	D	11/17/2024	2106
7440-41-7	Beryllium	0.70	JD	11/17/2024	2106
7440-43-9	Cadmium	0.38	JD	11/17/2024	2106
7440-70-2	Calcium	7000	D	11/17/2024	2106
7440-47-3	Chromium	29	D	11/17/2024	2106
7440-48-4	Cobalt	16	D	11/17/2024	2106
7440-50-8	Copper	46	D	11/17/2024	2106
7439-89-6	Iron	31000	D	11/17/2024	2106
7439-92-1	Lead	15	D	11/17/2024	2106
7439-95-4	Magnesium	7000	D	11/17/2024	2106
7439-96-5	Manganese	790	D	11/17/2024	2106
7440-02-0	Nickel	28	D	11/17/2024	2106
7440-09-7	Potassium	2300	D	11/17/2024	2106
7782-49-2	Selenium	6.9	UD [†]	11/17/2024	2106
7440-22-4	Silver	2.0	UD	11/17/2024	2106
7440-23-5	Sodium	300	JD	11/17/2024	2106
7440-28-0	Thallium	4.9	UD	11/17/2024	2106
7440-62-2	Vanadium	53	D	11/17/2024	2106
7440-66-6	Zinc	84	D	11/17/2024	2106

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

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MYE5J8

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5J2

Matrix: SOIL Lab Sample ID: P4588-07

% Solids: 96.5 Date Received: 10/26/2024

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	11/17/2024	2110
7440-36-0	Antimony	2.0	JD	11/17/2024	2110
7440-38-2	Arsenic	33	D	11/17/2024	2110
7440-39-3	Barium	160	D	11/17/2024	2110
7440-41-7	Beryllium	0.70	JD	11/17/2024	2110
7440-43-9	Cadmium	0.30	JD	11/17/2024	2110
7440-70-2	Calcium	4400	D	11/17/2024	2110
7440-47-3	Chromium	38	D	11/17/2024	2110
7440-48-4	Cobalt	18	D	11/17/2024	2110
7440-50-8	Copper	50	D	11/17/2024	2110
7439-89-6	Iron	32000	D	11/17/2024	2110
7439-92-1	Lead	14	D	11/17/2024	2110
7439-95-4	Magnesium	6600	D	11/17/2024	2110
7439-96-5	Manganese	940	D	11/17/2024	2110
7440-02-0	Nickel	34	D	11/17/2024	2110
7440-09-7	Potassium	2800	D	11/17/2024	2110
7782-49-2	Selenium	6.3	UD [†]	11/17/2024	2110
7440-22-4	Silver	1.8	UD	11/17/2024	2110
7440-23-5	Sodium	900	UD	11/17/2024	2110
7440-28-0	Thallium	4.5	UD	11/17/2024	2110
7440-62-2	Vanadium	52	D	11/17/2024	2110
7440-66-6	Zinc	69	D	11/17/2024	2110

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

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MYE5J9

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5J2

Matrix: SOIL Lab Sample ID: P4588-08

% Solids: 93 Date Received: 10/26/2024

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	11/17/2024	2115
7440-36-0	Antimony	1.6	JD	11/17/2024	2115
7440-38-2	Arsenic	27	D	11/17/2024	2115
7440-39-3	Barium	150	D	11/17/2024	2115
7440-41-7	Beryllium	0.67	JD	11/17/2024	2115
7440-43-9	Cadmium	0.27	JD	11/17/2024	2115
7440-70-2	Calcium	7000	D	11/17/2024	2115
7440-47-3	Chromium	35	D	11/17/2024	2115
7440-48-4	Cobalt	16	D	11/17/2024	2115
7440-50-8	Copper	48	D	11/17/2024	2115
7439-89-6	Iron	29000	D	11/17/2024	2115
7439-92-1	Lead	12	D	11/17/2024	2115
7439-95-4	Magnesium	6500	D	11/17/2024	2115
7439-96-5	Manganese	930	D	11/17/2024	2115
7440-02-0	Nickel	30	D	11/17/2024	2115
7440-09-7	Potassium	2400	D	11/17/2024	2115
7782-49-2	Selenium	6.3	UD [†]	11/17/2024	2115
7440-22-4	Silver	1.8	UD	11/17/2024	2115
7440-23-5	Sodium	900	UD	11/17/2024	2115
7440-28-0	Thallium	4.5	UD	11/17/2024	2115
7440-62-2	Vanadium	46	D	11/17/2024	2115
7440-66-6	Zinc	63	D	11/17/2024	2115

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

Comments:

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MYE5K0

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5J2

Matrix: SOIL Lab Sample ID: P4588-09

% Solids: 89.1 Date Received: 10/26/2024

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	11/17/2024	2119
7440-36-0	Antimony	2.0	JD	11/17/2024	2119
7440-38-2	Arsenic	24	D	11/17/2024	2119
7440-39-3	Barium	150	D	11/17/2024	2119
7440-41-7	Beryllium	0.75	JD	11/17/2024	2119
7440-43-9	Cadmium	0.32	JD	11/17/2024	2119
7440-70-2	Calcium	6100	D	11/17/2024	2119
7440-47-3	Chromium	26	D	11/17/2024	2119
7440-48-4	Cobalt	13	D	11/17/2024	2119
7440-50-8	Copper	44	D	11/17/2024	2119
7439-89-6	Iron	27000	D	11/17/2024	2119
7439-92-1	Lead	15	D	11/17/2024	2119
7439-95-4	Magnesium	5400	D	11/17/2024	2119
7439-96-5	Manganese	600	D	11/17/2024	2119
7440-02-0	Nickel	25	D	11/17/2024	2119
7440-09-7	Potassium	3100	D	11/17/2024	2119
7782-49-2	Selenium	6.2	UD [†]	11/17/2024	2119
7440-22-4	Silver	1.8	UD	11/17/2024	2119
7440-23-5	Sodium	180	JD	11/17/2024	2119
7440-28-0	Thallium	4.5	UD	11/17/2024	2119
7440-62-2	Vanadium	47	D	11/17/2024	2119
7440-66-6	Zinc	71	D	11/17/2024	2119

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

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MYE5K1

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5J2

Matrix: SOIL Lab Sample ID: P4588-10

% Solids: 88.4 Date Received: 10/26/2024

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	11/17/2024	2124
7440-36-0	Antimony	1.4	JD	11/17/2024	2124
7440-38-2	Arsenic	26	D	11/17/2024	2124
7440-39-3	Barium	160	D	11/17/2024	2124
7440-41-7	Beryllium	0.75	JD	11/17/2024	2124
7440-43-9	Cadmium	0.37	JD	11/17/2024	2124
7440-70-2	Calcium	6400	D	11/17/2024	2124
7440-47-3	Chromium	28	D	11/17/2024	2124
7440-48-4	Cobalt	14	D	11/17/2024	2124
7440-50-8	Copper	51	D	11/17/2024	2124
7439-89-6	Iron	29000	D	11/17/2024	2124
7439-92-1	Lead	15	D	11/17/2024	2124
7439-95-4	Magnesium	5600	D	11/17/2024	2124
7439-96-5	Manganese	640	D	11/17/2024	2124
7440-02-0	Nickel	27	D	11/17/2024	2124
7440-09-7	Potassium	3200	D	11/17/2024	2124
7782-49-2	Selenium	6.3	UD [†]	11/17/2024	2124
7440-22-4	Silver	1.8	UD	11/17/2024	2124
7440-23-5	Sodium	910	UD	11/17/2024	2124
7440-28-0	Thallium	4.5	UD	11/17/2024	2124
7440-62-2	Vanadium	50	D	11/17/2024	2124
7440-66-6	Zinc	74	D	11/17/2024	2124

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

Comments:

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MYE5K2

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5J2

Matrix: SOIL Lab Sample ID: P4588-11

% Solids: 94.5 Date Received: 10/26/2024

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	11/17/2024	2128
7440-36-0	Antimony	1.5	JD	11/17/2024	2128
7440-38-2	Arsenic	24	D	11/17/2024	2128
7440-39-3	Barium	160	D	11/17/2024	2128
7440-41-7	Beryllium	0.65	JD	11/17/2024	2128
7440-43-9	Cadmium	0.43	JD	11/17/2024	2128
7440-70-2	Calcium	5000	D	11/17/2024	2128
7440-47-3	Chromium	35	D	11/17/2024	2128
7440-48-4	Cobalt	16	D	11/17/2024	2128
7440-50-8	Copper	66	D	11/17/2024	2128
7439-89-6	Iron	29000	D	11/17/2024	2128
7439-92-1	Lead	17	D	11/17/2024	2128
7439-95-4	Magnesium	5800	D	11/17/2024	2128
7439-96-5	Manganese	960	D	11/17/2024	2128
7440-02-0	Nickel	31	D	11/17/2024	2128
7440-09-7	Potassium	3500	D	11/17/2024	2128
7782-49-2	Selenium	5.5	UD [†]	11/17/2024	2128
7440-22-4	Silver	1.6	UD	11/17/2024	2128
7440-23-5	Sodium	780	UD	11/17/2024	2128
7440-28-0	Thallium	3.9	UD	11/17/2024	2128
7440-62-2	Vanadium	45	D	11/17/2024	2128
7440-66-6	Zinc	100	D	11/17/2024	2128

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE5K3

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5J2

Matrix: SOIL Lab Sample ID: P4588-12

% Solids: 95 Date Received: 10/26/2024

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	11/17/2024	2133
7440-36-0	Antimony	1.8	JD	11/17/2024	2133
7440-38-2	Arsenic	29	D	11/17/2024	2133
7440-39-3	Barium	130	D	11/17/2024	2133
7440-41-7	Beryllium	0.65	JD	11/17/2024	2133
7440-43-9	Cadmium	0.60	JD	11/17/2024	2133
7440-70-2	Calcium	3900	D	11/17/2024	2133
7440-47-3	Chromium	22	D	11/17/2024	2133
7440-48-4	Cobalt	14	D	11/17/2024	2133
7440-50-8	Copper	77	D	11/17/2024	2133
7439-89-6	Iron	28000	D	11/17/2024	2133
7439-92-1	Lead	25	D	11/17/2024	2133
7439-95-4	Magnesium	5100	D	11/17/2024	2133
7439-96-5	Manganese	720	D	11/17/2024	2133
7440-02-0	Nickel	21	D	11/17/2024	2133
7440-09-7	Potassium	2800	D	11/17/2024	2133
7782-49-2	Selenium	5.3	UD [†]	11/17/2024	2133
7440-22-4	Silver	1.5	UD	11/17/2024	2133
7440-23-5	Sodium	760	UD	11/17/2024	2133
7440-28-0	Thallium	3.8	UD	11/17/2024	2133
7440-62-2	Vanadium	48	D	11/17/2024	2133
7440-66-6	Zinc	75	D	11/17/2024	2133

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE5K4

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5J2

Matrix: SOIL Lab Sample ID: P4588-13

% Solids: 89.1 Date Received: 10/26/2024

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	11/17/2024	2137
7440-36-0	Antimony	1.6	JD	11/17/2024	2137
7440-38-2	Arsenic	22	D	11/17/2024	2137
7440-39-3	Barium	140	D	11/17/2024	2137
7440-41-7	Beryllium	0.57	JD	11/17/2024	2137
7440-43-9	Cadmium	0.28	JD	11/17/2024	2137
7440-70-2	Calcium	7100	D	11/17/2024	2137
7440-47-3	Chromium	27	D	11/17/2024	2137
7440-48-4	Cobalt	14	D	11/17/2024	2137
7440-50-8	Copper	41	D	11/17/2024	2137
7439-89-6	Iron	25000	D	11/17/2024	2137
7439-92-1	Lead	11	D	11/17/2024	2137
7439-95-4	Magnesium	5600	D	11/17/2024	2137
7439-96-5	Manganese	860	D	11/17/2024	2137
7440-02-0	Nickel	24	D	11/17/2024	2137
7440-09-7	Potassium	2600	D	11/17/2024	2137
7782-49-2	Selenium	6.0	UD [†]	11/17/2024	2137
7440-22-4	Silver	1.7	UD	11/17/2024	2137
7440-23-5	Sodium	230	JD	11/17/2024	2137
7440-28-0	Thallium	4.3	UD	11/17/2024	2137
7440-62-2	Vanadium	42	D	11/17/2024	2137
7440-66-6	Zinc	61	D	11/17/2024	2137

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE5K5

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5J2

Matrix: SOIL Lab Sample ID: P4588-14

% Solids: 94.4 Date Received: 10/26/2024

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	11/17/2024	2142
7440-36-0	Antimony	1.9	JD	11/17/2024	2142
7440-38-2	Arsenic	42	D	11/17/2024	2142
7440-39-3	Barium	450	D	11/17/2024	2142
7440-41-7	Beryllium	1.0	D	11/17/2024	2142
7440-43-9	Cadmium	0.48	JD	11/17/2024	2142
7440-70-2	Calcium	29000	D	11/17/2024	2142
7440-47-3	Chromium	44	D	11/17/2024	2142
7440-48-4	Cobalt	24	D	11/17/2024	2142
7440-50-8	Copper	58	D	11/17/2024	2142
7439-89-6	Iron	41000	D	11/17/2024	2142
7439-92-1	Lead	19	D	11/17/2024	2142
7439-95-4	Magnesium	12000	D	11/17/2024	2142
7439-96-5	Manganese	1200	D	11/17/2024	2142
7440-02-0	Nickel	61	D	11/17/2024	2142
7440-09-7	Potassium	3900	D	11/17/2024	2142
7782-49-2	Selenium	6.6	UD [†]	11/17/2024	2142
7440-22-4	Silver	1.9	UD	11/17/2024	2142
7440-23-5	Sodium	210	JD	11/17/2024	2142
7440-28-0	Thallium	4.7	UD	11/17/2024	2142
7440-62-2	Vanadium	88	D	11/17/2024	2142
7440-66-6	Zinc	84	D	11/17/2024	2142

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE5K6

Lab Name: Alliance Technical Group, LLC

Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817

MA No. : 3226.1 SDG No.: MYE5J2

Matrix: SOIL

Lab Sample ID: P4588-17

% Solids: 98

Date Received: 10/26/2024

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	11/17/2024	2159
7440-36-0	Antimony	1.7	JD	11/17/2024	2159
7440-38-2	Arsenic	27	D	11/17/2024	2159
7440-39-3	Barium	140	D	11/17/2024	2159
7440-41-7	Beryllium	0.67	JD	11/17/2024	2159
7440-43-9	Cadmium	0.60	JD	11/17/2024	2159
7440-70-2	Calcium	5700	D	11/17/2024	2159
7440-47-3	Chromium	22	D	11/17/2024	2159
7440-48-4	Cobalt	13	D	11/17/2024	2159
7440-50-8	Copper	84	D	11/17/2024	2159
7439-89-6	Iron	26000	D	11/17/2024	2159
7439-92-1	Lead	28	D	11/17/2024	2159
7439-95-4	Magnesium	4800	D	11/17/2024	2159
7439-96-5	Manganese	630	D	11/17/2024	2159
7440-02-0	Nickel	21	D	11/17/2024	2159
7440-09-7	Potassium	3200	D	11/17/2024	2159
7782-49-2	Selenium	5.8	UD [†]	11/17/2024	2159
7440-22-4	Silver	1.7	UD	11/17/2024	2159
7440-23-5	Sodium	210	JD	11/17/2024	2159
7440-28-0	Thallium	4.2	UD	11/17/2024	2159
7440-62-2	Vanadium	46	D	11/17/2024	2159
7440-66-6	Zinc	76	D	11/17/2024	2159

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE5K7

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5J2

Matrix: SOIL Lab Sample ID: P4588-18

% Solids: 95.2 Date Received: 10/26/2024

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	11/17/2024	2204
7440-36-0	Antimony	2.0	JD	11/17/2024	2204
7440-38-2	Arsenic	29	D	11/17/2024	2204
7440-39-3	Barium	150	D	11/17/2024	2204
7440-41-7	Beryllium	0.70	JD	11/17/2024	2204
7440-43-9	Cadmium	0.65	JD	11/17/2024	2204
7440-70-2	Calcium	4500	D	11/17/2024	2204
7440-47-3	Chromium	24	D	11/17/2024	2204
7440-48-4	Cobalt	15	D	11/17/2024	2204
7440-50-8	Copper	87	D	11/17/2024	2204
7439-89-6	Iron	27000	D	11/17/2024	2204
7439-92-1	Lead	31	D	11/17/2024	2204
7439-95-4	Magnesium	4800	D	11/17/2024	2204
7439-96-5	Manganese	730	D	11/17/2024	2204
7440-02-0	Nickel	24	D	11/17/2024	2204
7440-09-7	Potassium	3700	D	11/17/2024	2204
7782-49-2	Selenium	6.2	UD [†]	11/17/2024	2204
7440-22-4	Silver	1.8	UD	11/17/2024	2204
7440-23-5	Sodium	880	UD	11/17/2024	2204
7440-28-0	Thallium	4.4	UD	11/17/2024	2204
7440-62-2	Vanadium	48	D	11/17/2024	2204
7440-66-6	Zinc	88	D	11/17/2024	2204

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE5K8

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5J2

Matrix: SOIL Lab Sample ID: P4588-19

% Solids: 76.3 Date Received: 10/26/2024

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	11/17/2024	2208
7440-36-0	Antimony	1.4	JD	11/17/2024	2208
7440-38-2	Arsenic	31	D	11/17/2024	2208
7440-39-3	Barium	190	D	11/17/2024	2208
7440-41-7	Beryllium	0.55	JD	11/17/2024	2208
7440-43-9	Cadmium	0.42	JD	11/17/2024	2208
7440-70-2	Calcium	10000	D	11/17/2024	2208
7440-47-3	Chromium	36	D	11/17/2024	2208
7440-48-4	Cobalt	18	D	11/17/2024	2208
7440-50-8	Copper	41	D	11/17/2024	2208
7439-89-6	Iron	26000	D	11/17/2024	2208
7439-92-1	Lead	11	D	11/17/2024	2208
7439-95-4	Magnesium	7000	D	11/17/2024	2208
7439-96-5	Manganese	1100	D	11/17/2024	2208
7440-02-0	Nickel	31	D	11/17/2024	2208
7440-09-7	Potassium	2400	D	11/17/2024	2208
7782-49-2	Selenium	6.3	UD [†]	11/17/2024	2208
7440-22-4	Silver	1.8	UD	11/17/2024	2208
7440-23-5	Sodium	290	JD	11/17/2024	2208
7440-28-0	Thallium	4.5	UD	11/17/2024	2208
7440-62-2	Vanadium	47	D	11/17/2024	2208
7440-66-6	Zinc	77	D	11/17/2024	2208

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE5K9

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5J2

Matrix: SOIL Lab Sample ID: P4588-20

% Solids: 94.3 Date Received: 10/26/2024

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	11/17/2024	2212
7440-36-0	Antimony	1.8	JD	11/17/2024	2212
7440-38-2	Arsenic	31	D	11/17/2024	2212
7440-39-3	Barium	170	D	11/17/2024	2212
7440-41-7	Beryllium	0.66	JD	11/17/2024	2212
7440-43-9	Cadmium	0.34	JD	11/17/2024	2212
7440-70-2	Calcium	7400	D	11/17/2024	2212
7440-47-3	Chromium	36	D	11/17/2024	2212
7440-48-4	Cobalt	18	D	11/17/2024	2212
7440-50-8	Copper	51	D	11/17/2024	2212
7439-89-6	Iron	31000	D	11/17/2024	2212
7439-92-1	Lead	13	D	11/17/2024	2212
7439-95-4	Magnesium	6500	D	11/17/2024	2212
7439-96-5	Manganese	970	D	11/17/2024	2212
7440-02-0	Nickel	32	D	11/17/2024	2212
7440-09-7	Potassium	2700	D	11/17/2024	2212
7782-49-2	Selenium	6.0	UD [†]	11/17/2024	2212
7440-22-4	Silver	1.7	UD	11/17/2024	2212
7440-23-5	Sodium	200	JD	11/17/2024	2212
7440-28-0	Thallium	4.3	UD	11/17/2024	2212
7440-62-2	Vanadium	51	D	11/17/2024	2212
7440-66-6	Zinc	72	D	11/17/2024	2212

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

Comments: