

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ89

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ89

Matrix: SOIL Lab Sample ID: P5179-01

% Solids: 99 Date Received: 12/06/2024

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	12/19/2024	2053
7440-36-0	Antimony	5.2	JD	12/19/2024	2053
7440-38-2	Arsenic	100	D	12/19/2024	2053
7440-39-3	Barium	130	D	12/19/2024	2053
7440-41-7	Beryllium	1.2	D	12/19/2024	2053
7440-43-9	Cadmium	0.82	D	12/19/2024	2053
7440-70-2	Calcium	4500	D	12/19/2024	2053
7440-47-3	Chromium	14	D	12/19/2024	2053
7440-48-4	Cobalt	16	D	12/19/2024	2053
7440-50-8	Copper	46	D	12/19/2024	2053
7439-89-6	Iron	32000	D	12/19/2024	2053
7439-92-1	Lead	86	D	12/19/2024	2053
7439-95-4	Magnesium	4900	D	12/19/2024	2053
7439-96-5	Manganese	480	D	12/19/2024	2053
7440-02-0	Nickel	15	D	12/19/2024	2053
7440-09-7	Potassium	2400	D	12/19/2024	2053
7782-49-2	Selenium	15	D	12/19/2024	2053
7440-22-4	Silver	0.96	JD [†]	12/19/2024	2053
7440-23-5	Sodium	190	JD	12/19/2024	2053
7440-28-0	Thallium	4.0	UD	12/19/2024	2053
7440-62-2	Vanadium	53	D	12/19/2024	2053
7440-66-6	Zinc	200	D	12/19/2024	2053

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

Comments:

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MYCZ90

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ89

Matrix: SOIL Lab Sample ID: P5179-02

% Solids: 99.5 Date Received: 12/06/2024

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	12/19/2024	2056
7440-36-0	Antimony	5.1	JD	12/19/2024	2056
7440-38-2	Arsenic	160	D	12/19/2024	2056
7440-39-3	Barium	150	D	12/19/2024	2056
7440-41-7	Beryllium	1.2	D	12/19/2024	2056
7440-43-9	Cadmium	1.4	D	12/19/2024	2056
7440-70-2	Calcium	4400	D	12/19/2024	2056
7440-47-3	Chromium	14	D	12/19/2024	2056
7440-48-4	Cobalt	15	D	12/19/2024	2056
7440-50-8	Copper	57	D	12/19/2024	2056
7439-89-6	Iron	32000	D	12/19/2024	2056
7439-92-1	Lead	180	D	12/19/2024	2056
7439-95-4	Magnesium	4700	D	12/19/2024	2056
7439-96-5	Manganese	470	D	12/19/2024	2056
7440-02-0	Nickel	14	D	12/19/2024	2056
7440-09-7	Potassium	2700	D	12/19/2024	2056
7782-49-2	Selenium	16	D	12/19/2024	2056
7440-22-4	Silver	1.3	JD [†]	12/19/2024	2056
7440-23-5	Sodium	730	UD	12/19/2024	2056
7440-28-0	Thallium	3.7	UD	12/19/2024	2056
7440-62-2	Vanadium	46	D	12/19/2024	2056
7440-66-6	Zinc	350	D	12/19/2024	2056

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

Comments:

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MYCZ91

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ89

Matrix: SOIL Lab Sample ID: P5179-03

% Solids: 98.4 Date Received: 12/06/2024

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	12/19/2024	2100
7440-36-0	Antimony	5.6	JD	12/19/2024	2100
7440-38-2	Arsenic	120	D	12/19/2024	2100
7440-39-3	Barium	150	D	12/19/2024	2100
7440-41-7	Beryllium	1.4	D	12/19/2024	2100
7440-43-9	Cadmium	0.93	D	12/19/2024	2100
7440-70-2	Calcium	5200	D	12/19/2024	2100
7440-47-3	Chromium	15	D	12/19/2024	2100
7440-48-4	Cobalt	18	D	12/19/2024	2100
7440-50-8	Copper	44	D	12/19/2024	2100
7439-89-6	Iron	36000	D	12/19/2024	2100
7439-92-1	Lead	85	D	12/19/2024	2100
7439-95-4	Magnesium	5300	D	12/19/2024	2100
7439-96-5	Manganese	500	D	12/19/2024	2100
7440-02-0	Nickel	16	D	12/19/2024	2100
7440-09-7	Potassium	2100	D	12/19/2024	2100
7782-49-2	Selenium	18	D	12/19/2024	2100
7440-22-4	Silver	0.93	JD [†]	12/19/2024	2100
7440-23-5	Sodium	160	JD	12/19/2024	2100
7440-28-0	Thallium	4.0	UD	12/19/2024	2100
7440-62-2	Vanadium	62	D	12/19/2024	2100
7440-66-6	Zinc	230	D	12/19/2024	2100

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

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MYCZ92

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ89

Matrix: SOIL Lab Sample ID: P5179-04

% Solids: 99.5 Date Received: 12/06/2024

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	12/19/2024	2104
7440-36-0	Antimony	5.6	JD	12/19/2024	2104
7440-38-2	Arsenic	150	D	12/19/2024	2104
7440-39-3	Barium	140	D	12/19/2024	2104
7440-41-7	Beryllium	1.2	D	12/19/2024	2104
7440-43-9	Cadmium	1.4	D	12/19/2024	2104
7440-70-2	Calcium	4400	D	12/19/2024	2104
7440-47-3	Chromium	12	D	12/19/2024	2104
7440-48-4	Cobalt	15	D	12/19/2024	2104
7440-50-8	Copper	53	D	12/19/2024	2104
7439-89-6	Iron	32000	D	12/19/2024	2104
7439-92-1	Lead	160	D	12/19/2024	2104
7439-95-4	Magnesium	4700	D	12/19/2024	2104
7439-96-5	Manganese	510	D	12/19/2024	2104
7440-02-0	Nickel	13	D	12/19/2024	2104
7440-09-7	Potassium	2600	D	12/19/2024	2104
7782-49-2	Selenium	15	D	12/19/2024	2104
7440-22-4	Silver	1.2	JD [†]	12/19/2024	2104
7440-23-5	Sodium	190	JD	12/19/2024	2104
7440-28-0	Thallium	3.8	UD	12/19/2024	2104
7440-62-2	Vanadium	47	D	12/19/2024	2104
7440-66-6	Zinc	320	D	12/19/2024	2104

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

Comments:

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MYCZ93

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ89

Matrix: SOIL Lab Sample ID: P5179-05

% Solids: 98.8 Date Received: 12/06/2024

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	12/19/2024	2108
7440-36-0	Antimony	5.7	JD	12/19/2024	2108
7440-38-2	Arsenic	100	D	12/19/2024	2108
7440-39-3	Barium	120	D	12/19/2024	2108
7440-41-7	Beryllium	1.2	D	12/19/2024	2108
7440-43-9	Cadmium	0.97	D	12/19/2024	2108
7440-70-2	Calcium	5100	D	12/19/2024	2108
7440-47-3	Chromium	15	D	12/19/2024	2108
7440-48-4	Cobalt	18	D	12/19/2024	2108
7440-50-8	Copper	38	D	12/19/2024	2108
7439-89-6	Iron	33000	D	12/19/2024	2108
7439-92-1	Lead	91	D	12/19/2024	2108
7439-95-4	Magnesium	5200	D	12/19/2024	2108
7439-96-5	Manganese	500	D	12/19/2024	2108
7440-02-0	Nickel	16	D	12/19/2024	2108
7440-09-7	Potassium	2500	D	12/19/2024	2108
7782-49-2	Selenium	16	D	12/19/2024	2108
7440-22-4	Silver	1.1	JD [†]	12/19/2024	2108
7440-23-5	Sodium	310	JD	12/19/2024	2108
7440-28-0	Thallium	4.0	UD	12/19/2024	2108
7440-62-2	Vanadium	54	D	12/19/2024	2108
7440-66-6	Zinc	240	D	12/19/2024	2108

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

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MYCZ94

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ89

Matrix: SOIL Lab Sample ID: P5179-06

% Solids: 99 Date Received: 12/06/2024

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	12/19/2024	2112
7440-36-0	Antimony	6.5	JD	12/19/2024	2112
7440-38-2	Arsenic	200	D	12/19/2024	2112
7440-39-3	Barium	120	D	12/19/2024	2112
7440-41-7	Beryllium	1.2	D	12/19/2024	2112
7440-43-9	Cadmium	1.6	D	12/19/2024	2112
7440-70-2	Calcium	5100	D	12/19/2024	2112
7440-47-3	Chromium	15	D	12/19/2024	2112
7440-48-4	Cobalt	16	D	12/19/2024	2112
7440-50-8	Copper	52	D	12/19/2024	2112
7439-89-6	Iron	35000	D	12/19/2024	2112
7439-92-1	Lead	160	D	12/19/2024	2112
7439-95-4	Magnesium	5300	D	12/19/2024	2112
7439-96-5	Manganese	450	D	12/19/2024	2112
7440-02-0	Nickel	15	D	12/19/2024	2112
7440-09-7	Potassium	2500	D	12/19/2024	2112
7782-49-2	Selenium	18	D	12/19/2024	2112
7440-22-4	Silver	1.3	JD [†]	12/19/2024	2112
7440-23-5	Sodium	250	JD	12/19/2024	2112
7440-28-0	Thallium	3.7	UD	12/19/2024	2112
7440-62-2	Vanadium	55	D	12/19/2024	2112
7440-66-6	Zinc	380	D	12/19/2024	2112

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

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MYCZ95

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ89

Matrix: SOIL Lab Sample ID: P5179-07

% Solids: 99.3 Date Received: 12/06/2024

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	12/19/2024	2116
7440-36-0	Antimony	5.3	JD	12/19/2024	2116
7440-38-2	Arsenic	110	D	12/19/2024	2116
7440-39-3	Barium	120	D	12/19/2024	2116
7440-41-7	Beryllium	1.2	D	12/19/2024	2116
7440-43-9	Cadmium	1.1	D	12/19/2024	2116
7440-70-2	Calcium	4800	D	12/19/2024	2116
7440-47-3	Chromium	15	D	12/19/2024	2116
7440-48-4	Cobalt	16	D	12/19/2024	2116
7440-50-8	Copper	41	D	12/19/2024	2116
7439-89-6	Iron	33000	D	12/19/2024	2116
7439-92-1	Lead	94	D	12/19/2024	2116
7439-95-4	Magnesium	5300	D	12/19/2024	2116
7439-96-5	Manganese	520	D	12/19/2024	2116
7440-02-0	Nickel	15	D	12/19/2024	2116
7440-09-7	Potassium	2300	D	12/19/2024	2116
7782-49-2	Selenium	16	D	12/19/2024	2116
7440-22-4	Silver	1.0	JD [†]	12/19/2024	2116
7440-23-5	Sodium	290	JD	12/19/2024	2116
7440-28-0	Thallium	4.2	UD	12/19/2024	2116
7440-62-2	Vanadium	52	D	12/19/2024	2116
7440-66-6	Zinc	270	D	12/19/2024	2116

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

Comments:

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MYCZ96

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ89

Matrix: SOIL Lab Sample ID: P5179-08

% Solids: 99.1 Date Received: 12/06/2024

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	12/19/2024	2119
7440-36-0	Antimony	4.9	JD	12/19/2024	2119
7440-38-2	Arsenic	58	D	12/19/2024	2119
7440-39-3	Barium	140	D	12/19/2024	2119
7440-41-7	Beryllium	1.2	D	12/19/2024	2119
7440-43-9	Cadmium	0.82	D	12/19/2024	2119
7440-70-2	Calcium	5200	D	12/19/2024	2119
7440-47-3	Chromium	13	D	12/19/2024	2119
7440-48-4	Cobalt	19	D	12/19/2024	2119
7440-50-8	Copper	36	D	12/19/2024	2119
7439-89-6	Iron	33000	D	12/19/2024	2119
7439-92-1	Lead	76	D	12/19/2024	2119
7439-95-4	Magnesium	6000	D	12/19/2024	2119
7439-96-5	Manganese	760	D	12/19/2024	2119
7440-02-0	Nickel	16	D	12/19/2024	2119
7440-09-7	Potassium	3000	D	12/19/2024	2119
7782-49-2	Selenium	16	D	12/19/2024	2119
7440-22-4	Silver	0.96	JD [†]	12/19/2024	2119
7440-23-5	Sodium	800	UD	12/19/2024	2119
7440-28-0	Thallium	4.0	UD	12/19/2024	2119
7440-62-2	Vanadium	52	D	12/19/2024	2119
7440-66-6	Zinc	200	D	12/19/2024	2119

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

Comments:

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MYCZ97

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ89

Matrix: SOIL Lab Sample ID: P5179-09

% Solids: 99 Date Received: 12/06/2024

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	12/19/2024	2123
7440-36-0	Antimony	4.7	JD	12/19/2024	2123
7440-38-2	Arsenic	29	D	12/19/2024	2123
7440-39-3	Barium	84	D	12/19/2024	2123
7440-41-7	Beryllium	0.93	D	12/19/2024	2123
7440-43-9	Cadmium	0.29	JD	12/19/2024	2123
7440-70-2	Calcium	10000	D	12/19/2024	2123
7440-47-3	Chromium	22	D	12/19/2024	2123
7440-48-4	Cobalt	22	D	12/19/2024	2123
7440-50-8	Copper	54	D	12/19/2024	2123
7439-89-6	Iron	33000	D	12/19/2024	2123
7439-92-1	Lead	20	D	12/19/2024	2123
7439-95-4	Magnesium	7900	D	12/19/2024	2123
7439-96-5	Manganese	630	D	12/19/2024	2123
7440-02-0	Nickel	23	D	12/19/2024	2123
7440-09-7	Potassium	1300	D	12/19/2024	2123
7782-49-2	Selenium	15	D	12/19/2024	2123
7440-22-4	Silver	0.68	JD [†]	12/19/2024	2123
7440-23-5	Sodium	250	JD	12/19/2024	2123
7440-28-0	Thallium	3.5	UD	12/19/2024	2123
7440-62-2	Vanadium	61	D	12/19/2024	2123
7440-66-6	Zinc	61	D	12/19/2024	2123

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ98

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ89

Matrix: SOIL Lab Sample ID: P5179-10

% Solids: 97.3 Date Received: 12/06/2024

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	12/19/2024	2127
7440-36-0	Antimony	6.4	JD	12/19/2024	2127
7440-38-2	Arsenic	53	D	12/19/2024	2127
7440-39-3	Barium	220	D	12/19/2024	2127
7440-41-7	Beryllium	1.4	D	12/19/2024	2127
7440-43-9	Cadmium	0.88	D	12/19/2024	2127
7440-70-2	Calcium	12000	D	12/19/2024	2127
7440-47-3	Chromium	72	D	12/19/2024	2127
7440-48-4	Cobalt	52	D	12/19/2024	2127
7440-50-8	Copper	110	D	12/19/2024	2127
7439-89-6	Iron	43000	D	12/19/2024	2127
7439-92-1	Lead	38	D	12/19/2024	2127
7439-95-4	Magnesium	13000	D	12/19/2024	2127
7439-96-5	Manganese	1300	D	12/19/2024	2127
7440-02-0	Nickel	73	D	12/19/2024	2127
7440-09-7	Potassium	3400	D	12/19/2024	2127
7782-49-2	Selenium	20	D	12/19/2024	2127
7440-22-4	Silver	1.2	JD [†]	12/19/2024	2127
7440-23-5	Sodium	440	JD	12/19/2024	2127
7440-28-0	Thallium	4.2	UD	12/19/2024	2127
7440-62-2	Vanadium	85	D	12/19/2024	2127
7440-66-6	Zinc	170	D	12/19/2024	2127

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MYCZ99

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ89

Matrix: SOIL Lab Sample ID: P5179-11

% Solids: 98.2 Date Received: 12/06/2024

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	12/19/2024	2131
7440-36-0	Antimony	8.5	JD	12/19/2024	2131
7440-38-2	Arsenic	60	D	12/19/2024	2131
7440-39-3	Barium	140	D	12/19/2024	2131
7440-41-7	Beryllium	1.3	D	12/19/2024	2131
7440-43-9	Cadmium	0.63	JD	12/19/2024	2131
7440-70-2	Calcium	11000	D	12/19/2024	2131
7440-47-3	Chromium	84	D	12/19/2024	2131
7440-48-4	Cobalt	55	D	12/19/2024	2131
7440-50-8	Copper	120	D	12/19/2024	2131
7439-89-6	Iron	50000	D	12/19/2024	2131
7439-92-1	Lead	24	D	12/19/2024	2131
7439-95-4	Magnesium	17000	D	12/19/2024	2131
7439-96-5	Manganese	1200	D	12/19/2024	2131
7440-02-0	Nickel	80	D	12/19/2024	2131
7440-09-7	Potassium	2800	D	12/19/2024	2131
7782-49-2	Selenium	24	D	12/19/2024	2131
7440-22-4	Silver	1.0	JD [†]	12/19/2024	2131
7440-23-5	Sodium	300	JD	12/19/2024	2131
7440-28-0	Thallium	3.9	UD	12/19/2024	2131
7440-62-2	Vanadium	110	D	12/19/2024	2131
7440-66-6	Zinc	130	D	12/19/2024	2131

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZA0

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ89

Matrix: SOIL Lab Sample ID: P5179-12

% Solids: 97.9 Date Received: 12/06/2024

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	12/19/2024	2135
7440-36-0	Antimony	3.6	JD	12/19/2024	2135
7440-38-2	Arsenic	27	D	12/19/2024	2135
7440-39-3	Barium	210	D	12/19/2024	2135
7440-41-7	Beryllium	1.1	D	12/19/2024	2135
7440-43-9	Cadmium	0.60	JD	12/19/2024	2135
7440-70-2	Calcium	11000	D	12/19/2024	2135
7440-47-3	Chromium	25	D	12/19/2024	2135
7440-48-4	Cobalt	19	D	12/19/2024	2135
7440-50-8	Copper	64	D	12/19/2024	2135
7439-89-6	Iron	29000	D	12/19/2024	2135
7439-92-1	Lead	51	D	12/19/2024	2135
7439-95-4	Magnesium	6500	D	12/19/2024	2135
7439-96-5	Manganese	780	D	12/19/2024	2135
7440-02-0	Nickel	33	D	12/19/2024	2135
7440-09-7	Potassium	1300	D	12/19/2024	2135
7782-49-2	Selenium	12	D	12/19/2024	2135
7440-22-4	Silver	0.81	JD [†]	12/19/2024	2135
7440-23-5	Sodium	210	JD	12/19/2024	2135
7440-28-0	Thallium	3.9	UD	12/19/2024	2135
7440-62-2	Vanadium	51	D	12/19/2024	2135
7440-66-6	Zinc	80	D	12/19/2024	2135

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZA1

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ89
 Matrix: SOIL Lab Sample ID: P5179-13
 % Solids: 99.3 Date Received: 12/06/2024
 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	12/19/2024	2139
7440-36-0	Antimony	4.3	JD	12/19/2024	2139
7440-38-2	Arsenic	23	D	12/19/2024	2139
7440-39-3	Barium	63	D	12/19/2024	2139
7440-41-7	Beryllium	0.80	D	12/19/2024	2139
7440-43-9	Cadmium	0.25	JD	12/19/2024	2139
7440-70-2	Calcium	9500	D	12/19/2024	2139
7440-47-3	Chromium	22	D	12/19/2024	2139
7440-48-4	Cobalt	22	D	12/19/2024	2139
7440-50-8	Copper	50	D	12/19/2024	2139
7439-89-6	Iron	29000	D	12/19/2024	2139
7439-92-1	Lead	19	D	12/19/2024	2139
7439-95-4	Magnesium	7400	D	12/19/2024	2139
7439-96-5	Manganese	540	D	12/19/2024	2139
7440-02-0	Nickel	23	D	12/19/2024	2139
7440-09-7	Potassium	1100	D	12/19/2024	2139
7782-49-2	Selenium	13	D	12/19/2024	2139
7440-22-4	Silver	0.77	JD [†]	12/19/2024	2139
7440-23-5	Sodium	230	JD	12/19/2024	2139
7440-28-0	Thallium	3.4	UD	12/19/2024	2139
7440-62-2	Vanadium	56	D	12/19/2024	2139
7440-66-6	Zinc	56	D	12/19/2024	2139

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZA2

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ89

Matrix: SOIL Lab Sample ID: P5179-14

% Solids: 96.8 Date Received: 12/06/2024

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	36000	D	12/19/2024	2142
7440-36-0	Antimony	15	D	12/19/2024	2142
7440-38-2	Arsenic	44	D	12/19/2024	2142
7440-39-3	Barium	51	D	12/19/2024	2142
7440-41-7	Beryllium	1.9	D	12/19/2024	2142
7440-43-9	Cadmium	0.40	JD	12/19/2024	2142
7440-70-2	Calcium	9500	D	12/19/2024	2142
7440-47-3	Chromium	87	D	12/19/2024	2142
7440-48-4	Cobalt	84	D	12/19/2024	2142
7440-50-8	Copper	190	D	12/19/2024	2142
7439-89-6	Iron	88000	D	12/19/2024	2142
7439-92-1	Lead	15	D	12/19/2024	2142
7439-95-4	Magnesium	26000	D	12/19/2024	2142
7439-96-5	Manganese	2600	D	12/19/2024	2142
7440-02-0	Nickel	87	D	12/19/2024	2142
7440-09-7	Potassium	300	JD	12/19/2024	2142
7782-49-2	Selenium	44	D	12/19/2024	2142
7440-22-4	Silver	1.7	D*	12/19/2024	2142
7440-23-5	Sodium	310	JD	12/19/2024	2142
7440-28-0	Thallium	4.0	UD	12/19/2024	2142
7440-62-2	Vanadium	220	D	12/19/2024	2142
7440-66-6	Zinc	61	D	12/19/2024	2142

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZA3

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ89
 Matrix: SOIL Lab Sample ID: P5179-15
 % Solids: 99.8 Date Received: 12/06/2024
 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	12/19/2024	2146
7440-36-0	Antimony	4.5	JD	12/19/2024	2146
7440-38-2	Arsenic	24	D	12/19/2024	2146
7440-39-3	Barium	96	D	12/19/2024	2146
7440-41-7	Beryllium	0.96	D	12/19/2024	2146
7440-43-9	Cadmium	0.52	JD	12/19/2024	2146
7440-70-2	Calcium	7600	D	12/19/2024	2146
7440-47-3	Chromium	30	D	12/19/2024	2146
7440-48-4	Cobalt	23	D	12/19/2024	2146
7440-50-8	Copper	73	D	12/19/2024	2146
7439-89-6	Iron	31000	D	12/19/2024	2146
7439-92-1	Lead	23	D	12/19/2024	2146
7439-95-4	Magnesium	8100	D	12/19/2024	2146
7439-96-5	Manganese	680	D	12/19/2024	2146
7440-02-0	Nickel	27	D	12/19/2024	2146
7440-09-7	Potassium	2900	D	12/19/2024	2146
7782-49-2	Selenium	15	D	12/19/2024	2146
7440-22-4	Silver	0.80	JD [†]	12/19/2024	2146
7440-23-5	Sodium	250	JD	12/19/2024	2146
7440-28-0	Thallium	3.4	UD	12/19/2024	2146
7440-62-2	Vanadium	65	D	12/19/2024	2146
7440-66-6	Zinc	58	D	12/19/2024	2146

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZA4

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ89

Matrix: SOIL Lab Sample ID: P5179-16

% Solids: 99.2 Date Received: 12/06/2024

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	12/19/2024	2150
7440-36-0	Antimony	5.3	JD	12/19/2024	2150
7440-38-2	Arsenic	39	D	12/19/2024	2150
7440-39-3	Barium	100	D	12/19/2024	2150
7440-41-7	Beryllium	1.1	D	12/19/2024	2150
7440-43-9	Cadmium	0.89	D	12/19/2024	2150
7440-70-2	Calcium	9000	D	12/19/2024	2150
7440-47-3	Chromium	34	D	12/19/2024	2150
7440-48-4	Cobalt	25	D	12/19/2024	2150
7440-50-8	Copper	140	D	12/19/2024	2150
7439-89-6	Iron	35000	D	12/19/2024	2150
7439-92-1	Lead	37	D	12/19/2024	2150
7439-95-4	Magnesium	8800	D	12/19/2024	2150
7439-96-5	Manganese	740	D	12/19/2024	2150
7440-02-0	Nickel	29	D	12/19/2024	2150
7440-09-7	Potassium	2700	D	12/19/2024	2150
7782-49-2	Selenium	16	D	12/19/2024	2150
7440-22-4	Silver	1.1	JD [†]	12/19/2024	2150
7440-23-5	Sodium	730	UD	12/19/2024	2150
7440-28-0	Thallium	3.7	UD	12/19/2024	2150
7440-62-2	Vanadium	72	D	12/19/2024	2150
7440-66-6	Zinc	80	D	12/19/2024	2150

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

Comments:

FORM 1 - IN
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MYCZA5

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ89

Matrix: SOIL Lab Sample ID: P5179-17

% Solids: 99.3 Date Received: 12/06/2024

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	12/19/2024	2154
7440-36-0	Antimony	6.0	JD	12/19/2024	2154
7440-38-2	Arsenic	26	D	12/19/2024	2154
7440-39-3	Barium	74	D	12/19/2024	2154
7440-41-7	Beryllium	0.98	D	12/19/2024	2154
7440-43-9	Cadmium	0.41	JD	12/19/2024	2154
7440-70-2	Calcium	7900	D	12/19/2024	2154
7440-47-3	Chromium	40	D	12/19/2024	2154
7440-48-4	Cobalt	26	D	12/19/2024	2154
7440-50-8	Copper	79	D	12/19/2024	2154
7439-89-6	Iron	35000	D	12/19/2024	2154
7439-92-1	Lead	19	D	12/19/2024	2154
7439-95-4	Magnesium	10000	D	12/19/2024	2154
7439-96-5	Manganese	740	D	12/19/2024	2154
7440-02-0	Nickel	32	D	12/19/2024	2154
7440-09-7	Potassium	1800	D	12/19/2024	2154
7782-49-2	Selenium	16	D	12/19/2024	2154
7440-22-4	Silver	0.98	JD [†]	12/19/2024	2154
7440-23-5	Sodium	230	JD	12/19/2024	2154
7440-28-0	Thallium	3.6	UD	12/19/2024	2154
7440-62-2	Vanadium	78	D	12/19/2024	2154
7440-66-6	Zinc	51	D	12/19/2024	2154

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZA6

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ89

Matrix: SOIL Lab Sample ID: P5179-18

% Solids: 99.3 Date Received: 12/06/2024

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	12/19/2024	2305
7440-36-0	Antimony	6.1	JD	12/19/2024	2305
7440-38-2	Arsenic	33	D	12/19/2024	2305
7440-39-3	Barium	93	D	12/19/2024	2305
7440-41-7	Beryllium	1.2	D	12/19/2024	2305
7440-43-9	Cadmium	0.55	JD	12/19/2024	2305
7440-70-2	Calcium	10000	D	12/19/2024	2305
7440-47-3	Chromium	44	D	12/19/2024	2305
7440-48-4	Cobalt	33	D	12/19/2024	2305
7440-50-8	Copper	110	D	12/19/2024	2305
7439-89-6	Iron	41000	D	12/19/2024	2305
7439-92-1	Lead	25	D	12/19/2024	2305
7439-95-4	Magnesium	12000	D	12/19/2024	2305
7439-96-5	Manganese	950	D	12/19/2024	2305
7440-02-0	Nickel	37	D	12/19/2024	2305
7440-09-7	Potassium	2400	D	12/19/2024	2305
7782-49-2	Selenium	20	D	12/19/2024	2305
7440-22-4	Silver	1.1	JD [†]	12/19/2024	2305
7440-23-5	Sodium	320	JD	12/19/2024	2305
7440-28-0	Thallium	3.5	UD	12/19/2024	2305
7440-62-2	Vanadium	91	D	12/19/2024	2305
7440-66-6	Zinc	63	D	12/19/2024	2305

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

Comments:

FORM 1 - IN
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MYCZA7

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ89

Matrix: SOIL Lab Sample ID: P5179-19

% Solids: 99.3 Date Received: 12/06/2024

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	24000	D	12/19/2024	2309
7440-36-0	Antimony	9.0	D	12/19/2024	2309
7440-38-2	Arsenic	40	D	12/19/2024	2309
7440-39-3	Barium	62	D	12/19/2024	2309
7440-41-7	Beryllium	1.4	D	12/19/2024	2309
7440-43-9	Cadmium	0.46	JD	12/19/2024	2309
7440-70-2	Calcium	15000	D	12/19/2024	2309
7440-47-3	Chromium	69	D	12/19/2024	2309
7440-48-4	Cobalt	47	D	12/19/2024	2309
7440-50-8	Copper	140	D	12/19/2024	2309
7439-89-6	Iron	57000	D	12/19/2024	2309
7439-92-1	Lead	22	D	12/19/2024	2309
7439-95-4	Magnesium	19000	D	12/19/2024	2309
7439-96-5	Manganese	1300	D	12/19/2024	2309
7440-02-0	Nickel	57	D	12/19/2024	2309
7440-09-7	Potassium	1300	D	12/19/2024	2309
7782-49-2	Selenium	27	D	12/19/2024	2309
7440-22-4	Silver	1.3	JD [†]	12/19/2024	2309
7440-23-5	Sodium	310	JD	12/19/2024	2309
7440-28-0	Thallium	3.5	UD	12/19/2024	2309
7440-62-2	Vanadium	140	D	12/19/2024	2309
7440-66-6	Zinc	63	D	12/19/2024	2309

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

Comments:

FORM 1 - IN
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MYCZA8

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ89
 Matrix: SOIL Lab Sample ID: P5179-20
 % Solids: 99.2 Date Received: 12/06/2024
 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	29000	D	12/19/2024	0202
7440-36-0	Antimony	14	D	12/19/2024	0202
7440-38-2	Arsenic	25	D	12/19/2024	0202
7440-39-3	Barium	32	JD	12/19/2024	0202
7440-41-7	Beryllium	1.5	D	12/19/2024	0202
7440-43-9	Cadmium	0.45	JD	12/19/2024	0202
7440-70-2	Calcium	15000	D	12/19/2024	0202
7440-47-3	Chromium	99	D	12/19/2024	0202
7440-48-4	Cobalt	48	D	12/19/2024	0202
7440-50-8	Copper	120	D	12/19/2024	0202
7439-89-6	Iron	65000	D	12/19/2024	0202
7439-92-1	Lead	14	D	12/19/2024	0202
7439-95-4	Magnesium	24000	D	12/19/2024	0202
7439-96-5	Manganese	1400	D	12/19/2024	0202
7440-02-0	Nickel	70	D	12/19/2024	0202
7440-09-7	Potassium	550	JD	12/19/2024	0202
7782-49-2	Selenium	31	D	12/19/2024	0202
7440-22-4	Silver	1.8	D*	12/19/2024	0202
7440-23-5	Sodium	850	UD	12/19/2024	0202
7440-28-0	Thallium	4.3	UD	12/19/2024	0202
7440-62-2	Vanadium	190	D	12/19/2024	0202
7440-66-6	Zinc	55	D	12/19/2024	0202

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

Comments: