

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ69

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ69

Matrix: SOIL Lab Sample ID: P5178-01

% Solids: 98.7 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	12/20/2024	0033
7440-36-0	Antimony	4.2	JD	12/20/2024	0033
7440-38-2	Arsenic	38	D	12/20/2024	0033
7440-39-3	Barium	120	D	12/20/2024	0033
7440-41-7	Beryllium	1.1	D	12/20/2024	0033
7440-43-9	Cadmium	0.59	JD	12/20/2024	0033
7440-70-2	Calcium	9400	D	12/20/2024	0033
7440-47-3	Chromium	18	D	12/20/2024	0033
7440-48-4	Cobalt	19	D*	12/20/2024	0033
7440-50-8	Copper	42	D	12/20/2024	0033
7439-89-6	Iron	30000	D	12/20/2024	0033
7439-92-1	Lead	41	D	12/20/2024	0033
7439-95-4	Magnesium	6300	D	12/20/2024	0033
7439-96-5	Manganese	650	D	12/20/2024	0033
7440-02-0	Nickel	19	D	12/20/2024	0033
7440-09-7	Potassium	4000	D	12/20/2024	0033
7782-49-2	Selenium	14	D	12/20/2024	0033
7440-22-4	Silver	1.1	JD	12/20/2024	0033
7440-23-5	Sodium	480	JD	12/20/2024	0033
7440-28-0	Thallium	4.6	UD	12/20/2024	0033
7440-62-2	Vanadium	46	D	12/20/2024	0033
7440-66-6	Zinc	160	D	12/20/2024	0033

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

Comments:

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MYCZ70

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ69

Matrix: SOIL Lab Sample ID: P5178-02

% Solids: 98.7 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	12/20/2024	0037
7440-36-0	Antimony	5.2	JD	12/20/2024	0037
7440-38-2	Arsenic	42	D	12/20/2024	0037
7440-39-3	Barium	120	D	12/20/2024	0037
7440-41-7	Beryllium	1.1	D	12/20/2024	0037
7440-43-9	Cadmium	0.69	JD	12/20/2024	0037
7440-70-2	Calcium	5800	D	12/20/2024	0037
7440-47-3	Chromium	19	D	12/20/2024	0037
7440-48-4	Cobalt	19	D*	12/20/2024	0037
7440-50-8	Copper	49	D	12/20/2024	0037
7439-89-6	Iron	32000	D	12/20/2024	0037
7439-92-1	Lead	46	D	12/20/2024	0037
7439-95-4	Magnesium	6300	D	12/20/2024	0037
7439-96-5	Manganese	640	D	12/20/2024	0037
7440-02-0	Nickel	19	D	12/20/2024	0037
7440-09-7	Potassium	4000	D	12/20/2024	0037
7782-49-2	Selenium	16	D	12/20/2024	0037
7440-22-4	Silver	0.91	JD	12/20/2024	0037
7440-23-5	Sodium	420	JD	12/20/2024	0037
7440-28-0	Thallium	4.4	UD	12/20/2024	0037
7440-62-2	Vanadium	52	D	12/20/2024	0037
7440-66-6	Zinc	150	D	12/20/2024	0037

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

Comments:

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MYCZ71

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ69

Matrix: SOIL Lab Sample ID: P5178-03

% Solids: 98.5 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	12/20/2024	0041
7440-36-0	Antimony	3.9	JD	12/20/2024	0041
7440-38-2	Arsenic	29	D	12/20/2024	0041
7440-39-3	Barium	130	D	12/20/2024	0041
7440-41-7	Beryllium	1.0	D	12/20/2024	0041
7440-43-9	Cadmium	0.59	JD	12/20/2024	0041
7440-70-2	Calcium	9500	D	12/20/2024	0041
7440-47-3	Chromium	22	D	12/20/2024	0041
7440-48-4	Cobalt	18	D*	12/20/2024	0041
7440-50-8	Copper	110	D	12/20/2024	0041
7439-89-6	Iron	27000	D	12/20/2024	0041
7439-92-1	Lead	39	D	12/20/2024	0041
7439-95-4	Magnesium	6200	D	12/20/2024	0041
7439-96-5	Manganese	610	D	12/20/2024	0041
7440-02-0	Nickel	22	D	12/20/2024	0041
7440-09-7	Potassium	4200	D	12/20/2024	0041
7782-49-2	Selenium	12	D	12/20/2024	0041
7440-22-4	Silver	0.83	JD	12/20/2024	0041
7440-23-5	Sodium	440	JD	12/20/2024	0041
7440-28-0	Thallium	4.4	UD	12/20/2024	0041
7440-62-2	Vanadium	43	D	12/20/2024	0041
7440-66-6	Zinc	130	D	12/20/2024	0041

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

Comments:

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MYCZ72

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ69

Matrix: SOIL Lab Sample ID: P5178-04

% 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	12000	D	12/20/2024	0045
7440-36-0	Antimony	4.0	JD	12/20/2024	0045
7440-38-2	Arsenic	35	D	12/20/2024	0045
7440-39-3	Barium	130	D	12/20/2024	0045
7440-41-7	Beryllium	1.0	D	12/20/2024	0045
7440-43-9	Cadmium	0.72	JD	12/20/2024	0045
7440-70-2	Calcium	11000	D	12/20/2024	0045
7440-47-3	Chromium	19	D	12/20/2024	0045
7440-48-4	Cobalt	18	D*	12/20/2024	0045
7440-50-8	Copper	46	D	12/20/2024	0045
7439-89-6	Iron	30000	D	12/20/2024	0045
7439-92-1	Lead	57	D	12/20/2024	0045
7439-95-4	Magnesium	6600	D	12/20/2024	0045
7439-96-5	Manganese	660	D	12/20/2024	0045
7440-02-0	Nickel	20	D	12/20/2024	0045
7440-09-7	Potassium	4300	D	12/20/2024	0045
7782-49-2	Selenium	14	D	12/20/2024	0045
7440-22-4	Silver	1.0	JD	12/20/2024	0045
7440-23-5	Sodium	470	JD	12/20/2024	0045
7440-28-0	Thallium	4.1	UD	12/20/2024	0045
7440-62-2	Vanadium	45	D	12/20/2024	0045
7440-66-6	Zinc	170	D	12/20/2024	0045

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

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MYCZ73

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ69

Matrix: SOIL Lab Sample ID: P5178-05

% Solids: 98.7 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	12/20/2024	0056
7440-36-0	Antimony	5.4	JD	12/20/2024	0056
7440-38-2	Arsenic	74	D	12/20/2024	0056
7440-39-3	Barium	140	D	12/20/2024	0056
7440-41-7	Beryllium	1.1	D	12/20/2024	0056
7440-43-9	Cadmium	1.2	D	12/20/2024	0056
7440-70-2	Calcium	7900	D	12/20/2024	0056
7440-47-3	Chromium	20	D	12/20/2024	0056
7440-48-4	Cobalt	21	D*	12/20/2024	0056
7440-50-8	Copper	55	D	12/20/2024	0056
7439-89-6	Iron	34000	D	12/20/2024	0056
7439-92-1	Lead	99	D	12/20/2024	0056
7439-95-4	Magnesium	6500	D	12/20/2024	0056
7439-96-5	Manganese	690	D	12/20/2024	0056
7440-02-0	Nickel	20	D	12/20/2024	0056
7440-09-7	Potassium	4200	D	12/20/2024	0056
7782-49-2	Selenium	16	D	12/20/2024	0056
7440-22-4	Silver	1.1	JD	12/20/2024	0056
7440-23-5	Sodium	350	JD	12/20/2024	0056
7440-28-0	Thallium	4.2	UD	12/20/2024	0056
7440-62-2	Vanadium	52	D	12/20/2024	0056
7440-66-6	Zinc	250	D	12/20/2024	0056

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

Comments:

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MYCZ74

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ69

Matrix: SOIL Lab Sample ID: P5178-06

% 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	12/20/2024	0100
7440-36-0	Antimony	5.1	JD	12/20/2024	0100
7440-38-2	Arsenic	41	D	12/20/2024	0100
7440-39-3	Barium	140	D	12/20/2024	0100
7440-41-7	Beryllium	1.1	D	12/20/2024	0100
7440-43-9	Cadmium	0.71	JD	12/20/2024	0100
7440-70-2	Calcium	7800	D	12/20/2024	0100
7440-47-3	Chromium	20	D	12/20/2024	0100
7440-48-4	Cobalt	20	D*	12/20/2024	0100
7440-50-8	Copper	39	D	12/20/2024	0100
7439-89-6	Iron	32000	D	12/20/2024	0100
7439-92-1	Lead	59	D	12/20/2024	0100
7439-95-4	Magnesium	6500	D	12/20/2024	0100
7439-96-5	Manganese	700	D	12/20/2024	0100
7440-02-0	Nickel	20	D	12/20/2024	0100
7440-09-7	Potassium	4300	D	12/20/2024	0100
7782-49-2	Selenium	15	D	12/20/2024	0100
7440-22-4	Silver	1.0	JD	12/20/2024	0100
7440-23-5	Sodium	390	JD	12/20/2024	0100
7440-28-0	Thallium	3.7	UD	12/20/2024	0100
7440-62-2	Vanadium	45	D	12/20/2024	0100
7440-66-6	Zinc	180	D	12/20/2024	0100

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

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MYCZ75

Lab Name: Alliance Technical Group, LLC

Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779

MA No. : 3226.1 SDG No.: MYCZ69

Matrix: SOIL

Lab Sample ID: P5178-07

% Solids: 96

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	12/20/2024	0104
7440-36-0	Antimony	3.6	JD	12/20/2024	0104
7440-38-2	Arsenic	27	D	12/20/2024	0104
7440-39-3	Barium	160	D	12/20/2024	0104
7440-41-7	Beryllium	1.1	D	12/20/2024	0104
7440-43-9	Cadmium	0.26	JD	12/20/2024	0104
7440-70-2	Calcium	19000	D	12/20/2024	0104
7440-47-3	Chromium	16	D	12/20/2024	0104
7440-48-4	Cobalt	21	D*	12/20/2024	0104
7440-50-8	Copper	24	D	12/20/2024	0104
7439-89-6	Iron	29000	D	12/20/2024	0104
7439-92-1	Lead	18	D	12/20/2024	0104
7439-95-4	Magnesium	8400	D	12/20/2024	0104
7439-96-5	Manganese	740	D	12/20/2024	0104
7440-02-0	Nickel	20	D	12/20/2024	0104
7440-09-7	Potassium	1600	D	12/20/2024	0104
7782-49-2	Selenium	12	D	12/20/2024	0104
7440-22-4	Silver	0.78	JD	12/20/2024	0104
7440-23-5	Sodium	320	JD	12/20/2024	0104
7440-28-0	Thallium	3.8	UD	12/20/2024	0104
7440-62-2	Vanadium	46	D	12/20/2024	0104
7440-66-6	Zinc	62	D	12/20/2024	0104

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

Comments:

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MYCZ76

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ69

Matrix: SOIL Lab Sample ID: P5178-08

% Solids: 98.3 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	12000	D	12/20/2024	0108
7440-36-0	Antimony	4.8	JD	12/20/2024	0108
7440-38-2	Arsenic	96	D	12/20/2024	0108
7440-39-3	Barium	120	D	12/20/2024	0108
7440-41-7	Beryllium	1.2	D	12/20/2024	0108
7440-43-9	Cadmium	2.6	D	12/20/2024	0108
7440-70-2	Calcium	4400	D	12/20/2024	0108
7440-47-3	Chromium	14	D	12/20/2024	0108
7440-48-4	Cobalt	16	D*	12/20/2024	0108
7440-50-8	Copper	61	D	12/20/2024	0108
7439-89-6	Iron	32000	D	12/20/2024	0108
7439-92-1	Lead	330	D	12/20/2024	0108
7439-95-4	Magnesium	5000	D	12/20/2024	0108
7439-96-5	Manganese	580	D	12/20/2024	0108
7440-02-0	Nickel	16	D	12/20/2024	0108
7440-09-7	Potassium	2400	D	12/20/2024	0108
7782-49-2	Selenium	16	D	12/20/2024	0108
7440-22-4	Silver	2.1	D	12/20/2024	0108
7440-23-5	Sodium	570	JD	12/20/2024	0108
7440-28-0	Thallium	4.4	UD	12/20/2024	0108
7440-62-2	Vanadium	48	D	12/20/2024	0108
7440-66-6	Zinc	510	D	12/20/2024	0108

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

Comments:

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MYCZ77

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ69

Matrix: SOIL Lab Sample ID: P5178-09

% Solids: 95.4 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	12/20/2024	0112
7440-36-0	Antimony	3.5	JD	12/20/2024	0112
7440-38-2	Arsenic	82	D	12/20/2024	0112
7440-39-3	Barium	170	D	12/20/2024	0112
7440-41-7	Beryllium	1.0	D	12/20/2024	0112
7440-43-9	Cadmium	0.73	JD	12/20/2024	0112
7440-70-2	Calcium	22000	D	12/20/2024	0112
7440-47-3	Chromium	15	D	12/20/2024	0112
7440-48-4	Cobalt	21	D*	12/20/2024	0112
7440-50-8	Copper	27	D	12/20/2024	0112
7439-89-6	Iron	29000	D	12/20/2024	0112
7439-92-1	Lead	61	D	12/20/2024	0112
7439-95-4	Magnesium	7900	D	12/20/2024	0112
7439-96-5	Manganese	810	D	12/20/2024	0112
7440-02-0	Nickel	18	D	12/20/2024	0112
7440-09-7	Potassium	2800	D	12/20/2024	0112
7782-49-2	Selenium	12	D	12/20/2024	0112
7440-22-4	Silver	0.85	JD	12/20/2024	0112
7440-23-5	Sodium	460	JD	12/20/2024	0112
7440-28-0	Thallium	4.3	UD	12/20/2024	0112
7440-62-2	Vanadium	44	D	12/20/2024	0112
7440-66-6	Zinc	180	D	12/20/2024	0112

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

Comments:

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MYCZ78

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ69

Matrix: SOIL Lab Sample ID: P5178-10

% 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	10000	D	12/20/2024	0116
7440-36-0	Antimony	5.4	JD	12/20/2024	0116
7440-38-2	Arsenic	130	D	12/20/2024	0116
7440-39-3	Barium	160	D	12/20/2024	0116
7440-41-7	Beryllium	1.1	D	12/20/2024	0116
7440-43-9	Cadmium	2.9	D	12/20/2024	0116
7440-70-2	Calcium	4000	D	12/20/2024	0116
7440-47-3	Chromium	17	D	12/20/2024	0116
7440-48-4	Cobalt	15	D*	12/20/2024	0116
7440-50-8	Copper	70	D	12/20/2024	0116
7439-89-6	Iron	31000	D	12/20/2024	0116
7439-92-1	Lead	410	D	12/20/2024	0116
7439-95-4	Magnesium	4600	D	12/20/2024	0116
7439-96-5	Manganese	580	D	12/20/2024	0116
7440-02-0	Nickel	18	D	12/20/2024	0116
7440-09-7	Potassium	2400	D	12/20/2024	0116
7782-49-2	Selenium	16	D	12/20/2024	0116
7440-22-4	Silver	2.3	D	12/20/2024	0116
7440-23-5	Sodium	470	JD	12/20/2024	0116
7440-28-0	Thallium	4.3	UD	12/20/2024	0116
7440-62-2	Vanadium	45	D	12/20/2024	0116
7440-66-6	Zinc	660	D	12/20/2024	0116

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

Comments:

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MYCZ79

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ69

Matrix: SOIL Lab Sample ID: P5178-11

% Solids: 96.1 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	14000	D	12/20/2024	0119
7440-36-0	Antimony	3.0	JD	12/20/2024	0119
7440-38-2	Arsenic	64	D	12/20/2024	0119
7440-39-3	Barium	140	D	12/20/2024	0119
7440-41-7	Beryllium	1.0	D	12/20/2024	0119
7440-43-9	Cadmium	0.58	JD	12/20/2024	0119
7440-70-2	Calcium	22000	D	12/20/2024	0119
7440-47-3	Chromium	15	D	12/20/2024	0119
7440-48-4	Cobalt	21	D*	12/20/2024	0119
7440-50-8	Copper	27	D	12/20/2024	0119
7439-89-6	Iron	29000	D	12/20/2024	0119
7439-92-1	Lead	48	D	12/20/2024	0119
7439-95-4	Magnesium	8200	D	12/20/2024	0119
7439-96-5	Manganese	750	D	12/20/2024	0119
7440-02-0	Nickel	18	D	12/20/2024	0119
7440-09-7	Potassium	2300	D	12/20/2024	0119
7782-49-2	Selenium	12	D	12/20/2024	0119
7440-22-4	Silver	0.94	JD	12/20/2024	0119
7440-23-5	Sodium	220	JD	12/20/2024	0119
7440-28-0	Thallium	4.2	UD	12/20/2024	0119
7440-62-2	Vanadium	42	D	12/20/2024	0119
7440-66-6	Zinc	150	D	12/20/2024	0119

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ80

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ69

Matrix: SOIL Lab Sample ID: P5178-12

% 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	11000	D	12/20/2024	0123
7440-36-0	Antimony	4.7	JD	12/20/2024	0123
7440-38-2	Arsenic	83	D	12/20/2024	0123
7440-39-3	Barium	110	D	12/20/2024	0123
7440-41-7	Beryllium	1.1	D	12/20/2024	0123
7440-43-9	Cadmium	2.6	D	12/20/2024	0123
7440-70-2	Calcium	4700	D	12/20/2024	0123
7440-47-3	Chromium	16	D	12/20/2024	0123
7440-48-4	Cobalt	16	D*	12/20/2024	0123
7440-50-8	Copper	67	D	12/20/2024	0123
7439-89-6	Iron	32000	D	12/20/2024	0123
7439-92-1	Lead	240	D	12/20/2024	0123
7439-95-4	Magnesium	4800	D	12/20/2024	0123
7439-96-5	Manganese	550	D	12/20/2024	0123
7440-02-0	Nickel	17	D	12/20/2024	0123
7440-09-7	Potassium	2400	D	12/20/2024	0123
7782-49-2	Selenium	16	D	12/20/2024	0123
7440-22-4	Silver	1.2	JD	12/20/2024	0123
7440-23-5	Sodium	330	JD	12/20/2024	0123
7440-28-0	Thallium	3.7	UD	12/20/2024	0123
7440-62-2	Vanadium	42	D	12/20/2024	0123
7440-66-6	Zinc	690	D	12/20/2024	0123

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ81

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ69

Matrix: SOIL Lab Sample ID: P5178-13

% 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	15000	D	12/20/2024	0127
7440-36-0	Antimony	3.9	JD	12/20/2024	0127
7440-38-2	Arsenic	30	D	12/20/2024	0127
7440-39-3	Barium	170	D	12/20/2024	0127
7440-41-7	Beryllium	1.1	D	12/20/2024	0127
7440-43-9	Cadmium	0.29	JD	12/20/2024	0127
7440-70-2	Calcium	17000	D	12/20/2024	0127
7440-47-3	Chromium	16	D	12/20/2024	0127
7440-48-4	Cobalt	21	D*	12/20/2024	0127
7440-50-8	Copper	24	D	12/20/2024	0127
7439-89-6	Iron	30000	D	12/20/2024	0127
7439-92-1	Lead	21	D	12/20/2024	0127
7439-95-4	Magnesium	8200	D	12/20/2024	0127
7439-96-5	Manganese	820	D	12/20/2024	0127
7440-02-0	Nickel	20	D	12/20/2024	0127
7440-09-7	Potassium	1800	D	12/20/2024	0127
7782-49-2	Selenium	12	D	12/20/2024	0127
7440-22-4	Silver	0.76	JD	12/20/2024	0127
7440-23-5	Sodium	270	JD	12/20/2024	0127
7440-28-0	Thallium	3.6	UD	12/20/2024	0127
7440-62-2	Vanadium	46	D	12/20/2024	0127
7440-66-6	Zinc	70	D	12/20/2024	0127

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ82

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ69

Matrix: SOIL Lab Sample ID: P5178-14

% Solids: 98.6 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	12/21/2024	1414
7440-36-0	Antimony	6.4	JD	12/21/2024	1414
7440-38-2	Arsenic	28	D	12/21/2024	1414
7440-39-3	Barium	160	D	12/21/2024	1414
7440-41-7	Beryllium	1.3	D	12/21/2024	1414
7440-43-9	Cadmium	0.42	JD	12/21/2024	1414
7440-70-2	Calcium	5800	D	12/21/2024	1414
7440-47-3	Chromium	14	D	12/21/2024	1414
7440-48-4	Cobalt	19	D*	12/21/2024	1414
7440-50-8	Copper	30	D	12/21/2024	1414
7439-89-6	Iron	34000	D	12/21/2024	1414
7439-92-1	Lead	26	D	12/21/2024	1414
7439-95-4	Magnesium	6500	D	12/21/2024	1414
7439-96-5	Manganese	830	D	12/21/2024	1414
7440-02-0	Nickel	18	D	12/21/2024	1414
7440-09-7	Potassium	2600	D	12/21/2024	1414
7782-49-2	Selenium	17	D	12/21/2024	1414
7440-22-4	Silver	3.1	D	12/21/2024	1414
7440-23-5	Sodium	300	JD	12/21/2024	1414
7440-28-0	Thallium	4.5	UD	12/21/2024	1414
7440-62-2	Vanadium	54	D	12/21/2024	1414
7440-66-6	Zinc	79	D	12/21/2024	1414

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ83

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ69

Matrix: SOIL Lab Sample ID: P5178-15

% Solids: 96.3 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	14000	D	12/20/2024	0135
7440-36-0	Antimony	3.6	JD	12/20/2024	0135
7440-38-2	Arsenic	28	D	12/20/2024	0135
7440-39-3	Barium	160	D	12/20/2024	0135
7440-41-7	Beryllium	1.0	D	12/20/2024	0135
7440-43-9	Cadmium	0.25	JD	12/20/2024	0135
7440-70-2	Calcium	18000	D	12/20/2024	0135
7440-47-3	Chromium	13	D	12/20/2024	0135
7440-48-4	Cobalt	21	D*	12/20/2024	0135
7440-50-8	Copper	22	D	12/20/2024	0135
7439-89-6	Iron	28000	D	12/20/2024	0135
7439-92-1	Lead	19	D	12/20/2024	0135
7439-95-4	Magnesium	7700	D	12/20/2024	0135
7439-96-5	Manganese	780	D	12/20/2024	0135
7440-02-0	Nickel	18	D	12/20/2024	0135
7440-09-7	Potassium	1700	D	12/20/2024	0135
7782-49-2	Selenium	11	D	12/20/2024	0135
7440-22-4	Silver	0.81	JD	12/20/2024	0135
7440-23-5	Sodium	240	JD	12/20/2024	0135
7440-28-0	Thallium	4.1	UD	12/20/2024	0135
7440-62-2	Vanadium	44	D	12/20/2024	0135
7440-66-6	Zinc	58	D	12/20/2024	0135

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ84

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ69

Matrix: SOIL Lab Sample ID: P5178-16

% Solids: 98.6 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	12/20/2024	0139
7440-36-0	Antimony	4.2	JD	12/20/2024	0139
7440-38-2	Arsenic	100	D	12/20/2024	0139
7440-39-3	Barium	120	D	12/20/2024	0139
7440-41-7	Beryllium	1.0	D	12/20/2024	0139
7440-43-9	Cadmium	1.5	D	12/20/2024	0139
7440-70-2	Calcium	9900	D	12/20/2024	0139
7440-47-3	Chromium	13	D	12/20/2024	0139
7440-48-4	Cobalt	18	D*	12/20/2024	0139
7440-50-8	Copper	33	D	12/20/2024	0139
7439-89-6	Iron	29000	D	12/20/2024	0139
7439-92-1	Lead	120	D	12/20/2024	0139
7439-95-4	Magnesium	6000	D	12/20/2024	0139
7439-96-5	Manganese	610	D	12/20/2024	0139
7440-02-0	Nickel	15	D	12/20/2024	0139
7440-09-7	Potassium	2000	D	12/20/2024	0139
7782-49-2	Selenium	13	D	12/20/2024	0139
7440-22-4	Silver	1.2	JD	12/20/2024	0139
7440-23-5	Sodium	420	JD	12/20/2024	0139
7440-28-0	Thallium	3.9	UD	12/20/2024	0139
7440-62-2	Vanadium	44	D	12/20/2024	0139
7440-66-6	Zinc	330	D	12/20/2024	0139

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ85

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ69

Matrix: SOIL Lab Sample ID: P5178-17

% Solids: 98.7 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	12/20/2024	0142
7440-36-0	Antimony	4.4	JD	12/20/2024	0142
7440-38-2	Arsenic	53	D	12/20/2024	0142
7440-39-3	Barium	130	D	12/20/2024	0142
7440-41-7	Beryllium	1.2	D	12/20/2024	0142
7440-43-9	Cadmium	0.64	JD	12/20/2024	0142
7440-70-2	Calcium	7100	D	12/20/2024	0142
7440-47-3	Chromium	14	D	12/20/2024	0142
7440-48-4	Cobalt	20	D*	12/20/2024	0142
7440-50-8	Copper	34	D	12/20/2024	0142
7439-89-6	Iron	32000	D	12/20/2024	0142
7439-92-1	Lead	56	D	12/20/2024	0142
7439-95-4	Magnesium	6700	D	12/20/2024	0142
7439-96-5	Manganese	740	D	12/20/2024	0142
7440-02-0	Nickel	17	D	12/20/2024	0142
7440-09-7	Potassium	3100	D	12/20/2024	0142
7782-49-2	Selenium	16	D	12/20/2024	0142
7440-22-4	Silver	1.1	JD	12/20/2024	0142
7440-23-5	Sodium	330	JD	12/20/2024	0142
7440-28-0	Thallium	4.3	UD	12/20/2024	0142
7440-62-2	Vanadium	52	D	12/20/2024	0142
7440-66-6	Zinc	160	D	12/20/2024	0142

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ86

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ69

Matrix: SOIL Lab Sample ID: P5178-18

% 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	15000	D	12/20/2024	0146
7440-36-0	Antimony	3.1	JD	12/20/2024	0146
7440-38-2	Arsenic	26	D	12/20/2024	0146
7440-39-3	Barium	160	D	12/20/2024	0146
7440-41-7	Beryllium	1.0	D	12/20/2024	0146
7440-43-9	Cadmium	0.24	JD	12/20/2024	0146
7440-70-2	Calcium	26000	D	12/20/2024	0146
7440-47-3	Chromium	12	D	12/20/2024	0146
7440-48-4	Cobalt	22	D*	12/20/2024	0146
7440-50-8	Copper	20	D	12/20/2024	0146
7439-89-6	Iron	29000	D	12/20/2024	0146
7439-92-1	Lead	17	D	12/20/2024	0146
7439-95-4	Magnesium	8200	D	12/20/2024	0146
7439-96-5	Manganese	790	D	12/20/2024	0146
7440-02-0	Nickel	17	D	12/20/2024	0146
7440-09-7	Potassium	1800	D	12/20/2024	0146
7782-49-2	Selenium	10	D	12/20/2024	0146
7440-22-4	Silver	0.82	JD	12/20/2024	0146
7440-23-5	Sodium	370	JD	12/20/2024	0146
7440-28-0	Thallium	4.6	UD	12/20/2024	0146
7440-62-2	Vanadium	47	D	12/20/2024	0146
7440-66-6	Zinc	57	D	12/20/2024	0146

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ87

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ69

Matrix: SOIL Lab Sample ID: P5178-19

% 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	15000	D	12/20/2024	0150
7440-36-0	Antimony	5.3	JD	12/20/2024	0150
7440-38-2	Arsenic	53	D	12/20/2024	0150
7440-39-3	Barium	140	D	12/20/2024	0150
7440-41-7	Beryllium	1.2	D	12/20/2024	0150
7440-43-9	Cadmium	0.58	JD	12/20/2024	0150
7440-70-2	Calcium	8700	D	12/20/2024	0150
7440-47-3	Chromium	14	D	12/20/2024	0150
7440-48-4	Cobalt	21	D*	12/20/2024	0150
7440-50-8	Copper	31	D	12/20/2024	0150
7439-89-6	Iron	34000	D	12/20/2024	0150
7439-92-1	Lead	53	D	12/20/2024	0150
7439-95-4	Magnesium	7300	D	12/20/2024	0150
7439-96-5	Manganese	790	D	12/20/2024	0150
7440-02-0	Nickel	18	D	12/20/2024	0150
7440-09-7	Potassium	2900	D	12/20/2024	0150
7782-49-2	Selenium	15	D	12/20/2024	0150
7440-22-4	Silver	1.0	JD	12/20/2024	0150
7440-23-5	Sodium	520	JD	12/20/2024	0150
7440-28-0	Thallium	4.6	UD	12/20/2024	0150
7440-62-2	Vanadium	55	D	12/20/2024	0150
7440-66-6	Zinc	150	D	12/20/2024	0150

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ88

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ69

Matrix: SOIL Lab Sample ID: P5178-20

% Solids: 97.6 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	12/20/2024	0154
7440-36-0	Antimony	3.1	JD	12/20/2024	0154
7440-38-2	Arsenic	16	D	12/20/2024	0154
7440-39-3	Barium	160	D	12/20/2024	0154
7440-41-7	Beryllium	1.0	D	12/20/2024	0154
7440-43-9	Cadmium	0.17	JD	12/20/2024	0154
7440-70-2	Calcium	14000	D	12/20/2024	0154
7440-47-3	Chromium	20	D	12/20/2024	0154
7440-48-4	Cobalt	20	D*	12/20/2024	0154
7440-50-8	Copper	21	D	12/20/2024	0154
7439-89-6	Iron	25000	D	12/20/2024	0154
7439-92-1	Lead	14	D	12/20/2024	0154
7439-95-4	Magnesium	7700	D	12/20/2024	0154
7439-96-5	Manganese	700	D	12/20/2024	0154
7440-02-0	Nickel	21	D	12/20/2024	0154
7440-09-7	Potassium	1300	D	12/20/2024	0154
7782-49-2	Selenium	9.8	D	12/20/2024	0154
7440-22-4	Silver	0.64	JD	12/20/2024	0154
7440-23-5	Sodium	440	JD	12/20/2024	0154
7440-28-0	Thallium	4.5	UD	12/20/2024	0154
7440-62-2	Vanadium	42	D	12/20/2024	0154
7440-66-6	Zinc	49	D	12/20/2024	0154

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

Comments: