

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCYZ9

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCYZ9

Matrix: SOIL Lab Sample ID: P5182-01

% Solids: 98 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	0209
7440-36-0	Antimony	4.8	JD	12/20/2024	0209
7440-38-2	Arsenic	33	D	12/20/2024	0209
7440-39-3	Barium	110	D	12/20/2024	0209
7440-41-7	Beryllium	1.2	D	12/20/2024	0209
7440-43-9	Cadmium	0.31	JD	12/20/2024	0209
7440-70-2	Calcium	7500	D	12/20/2024	0209
7440-47-3	Chromium	14	D	12/20/2024	0209
7440-48-4	Cobalt	19	D	12/20/2024	0209
7440-50-8	Copper	31	D	12/20/2024	0209
7439-89-6	Iron	34000	D	12/20/2024	0209
7439-92-1	Lead	22	D	12/20/2024	0209
7439-95-4	Magnesium	6300	D	12/20/2024	0209
7439-96-5	Manganese	610	D	12/20/2024	0209
7440-02-0	Nickel	19	D	12/20/2024	0209
7440-09-7	Potassium	2300	D	12/20/2024	0209
7782-49-2	Selenium	16	D	12/20/2024	0209
7440-22-4	Silver	0.69	JD [†]	12/20/2024	0209
7440-23-5	Sodium	360	JD	12/20/2024	0209
7440-28-0	Thallium	3.8	UD	12/20/2024	0209
7440-62-2	Vanadium	58	D	12/20/2024	0209
7440-66-6	Zinc	63	D	12/20/2024	0209

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

Comments:

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MYCZ00

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ9

Matrix: SOIL Lab Sample ID: P5182-02

% 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	13000	D	12/20/2024	0221
7440-36-0	Antimony	4.8	JD	12/20/2024	0221
7440-38-2	Arsenic	29	D	12/20/2024	0221
7440-39-3	Barium	120	D	12/20/2024	0221
7440-41-7	Beryllium	1.2	D	12/20/2024	0221
7440-43-9	Cadmium	0.27	JD	12/20/2024	0221
7440-70-2	Calcium	7400	D	12/20/2024	0221
7440-47-3	Chromium	14	D	12/20/2024	0221
7440-48-4	Cobalt	19	D	12/20/2024	0221
7440-50-8	Copper	27	D	12/20/2024	0221
7439-89-6	Iron	34000	D	12/20/2024	0221
7439-92-1	Lead	21	D	12/20/2024	0221
7439-95-4	Magnesium	6300	D	12/20/2024	0221
7439-96-5	Manganese	640	D	12/20/2024	0221
7440-02-0	Nickel	19	D	12/20/2024	0221
7440-09-7	Potassium	2400	D	12/20/2024	0221
7782-49-2	Selenium	16	D	12/20/2024	0221
7440-22-4	Silver	0.78	JD [†]	12/20/2024	0221
7440-23-5	Sodium	230	JD	12/20/2024	0221
7440-28-0	Thallium	3.6	UD	12/20/2024	0221
7440-62-2	Vanadium	54	D	12/20/2024	0221
7440-66-6	Zinc	59	D	12/20/2024	0221

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

Comments:

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MYCZ01

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ9

Matrix: SOIL Lab Sample ID: P5182-03

% 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	12000	D	12/20/2024	0225
7440-36-0	Antimony	6.0	JD	12/20/2024	0225
7440-38-2	Arsenic	130	D	12/20/2024	0225
7440-39-3	Barium	100	D	12/20/2024	0225
7440-41-7	Beryllium	1.2	D	12/20/2024	0225
7440-43-9	Cadmium	1.4	D	12/20/2024	0225
7440-70-2	Calcium	6100	D	12/20/2024	0225
7440-47-3	Chromium	13	D	12/20/2024	0225
7440-48-4	Cobalt	19	D	12/20/2024	0225
7440-50-8	Copper	52	D	12/20/2024	0225
7439-89-6	Iron	36000	D	12/20/2024	0225
7439-92-1	Lead	100	D	12/20/2024	0225
7439-95-4	Magnesium	6400	D	12/20/2024	0225
7439-96-5	Manganese	590	D	12/20/2024	0225
7440-02-0	Nickel	19	D	12/20/2024	0225
7440-09-7	Potassium	2600	D	12/20/2024	0225
7782-49-2	Selenium	18	D	12/20/2024	0225
7440-22-4	Silver	1.2	JD [†]	12/20/2024	0225
7440-23-5	Sodium	410	JD	12/20/2024	0225
7440-28-0	Thallium	3.6	UD	12/20/2024	0225
7440-62-2	Vanadium	53	D	12/20/2024	0225
7440-66-6	Zinc	300	D	12/20/2024	0225

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

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MYCZ02

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ9

Matrix: SOIL Lab Sample ID: P5182-04

% 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	12/20/2024	0229
7440-36-0	Antimony	5.7	JD	12/20/2024	0229
7440-38-2	Arsenic	59	D	12/20/2024	0229
7440-39-3	Barium	130	D	12/20/2024	0229
7440-41-7	Beryllium	1.3	D	12/20/2024	0229
7440-43-9	Cadmium	0.55	JD	12/20/2024	0229
7440-70-2	Calcium	6900	D	12/20/2024	0229
7440-47-3	Chromium	16	D	12/20/2024	0229
7440-48-4	Cobalt	19	D	12/20/2024	0229
7440-50-8	Copper	41	D	12/20/2024	0229
7439-89-6	Iron	37000	D	12/20/2024	0229
7439-92-1	Lead	35	D	12/20/2024	0229
7439-95-4	Magnesium	6700	D	12/20/2024	0229
7439-96-5	Manganese	700	D	12/20/2024	0229
7440-02-0	Nickel	20	D	12/20/2024	0229
7440-09-7	Potassium	2900	D	12/20/2024	0229
7782-49-2	Selenium	18	D	12/20/2024	0229
7440-22-4	Silver	1.0	JD [†]	12/20/2024	0229
7440-23-5	Sodium	470	JD	12/20/2024	0229
7440-28-0	Thallium	3.9	UD	12/20/2024	0229
7440-62-2	Vanadium	62	D	12/20/2024	0229
7440-66-6	Zinc	110	D	12/20/2024	0229

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

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MYCZ03

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ9

Matrix: SOIL Lab Sample ID: P5182-05

% 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	15000	D	12/20/2024	0232
7440-36-0	Antimony	6.2	JD	12/20/2024	0232
7440-38-2	Arsenic	46	D	12/20/2024	0232
7440-39-3	Barium	120	D	12/20/2024	0232
7440-41-7	Beryllium	1.3	D	12/20/2024	0232
7440-43-9	Cadmium	0.48	JD	12/20/2024	0232
7440-70-2	Calcium	7000	D	12/20/2024	0232
7440-47-3	Chromium	18	D	12/20/2024	0232
7440-48-4	Cobalt	20	D	12/20/2024	0232
7440-50-8	Copper	36	D	12/20/2024	0232
7439-89-6	Iron	38000	D	12/20/2024	0232
7439-92-1	Lead	32	D	12/20/2024	0232
7439-95-4	Magnesium	7200	D	12/20/2024	0232
7439-96-5	Manganese	670	D	12/20/2024	0232
7440-02-0	Nickel	21	D	12/20/2024	0232
7440-09-7	Potassium	2900	D	12/20/2024	0232
7782-49-2	Selenium	19	D	12/20/2024	0232
7440-22-4	Silver	1.0	JD [†]	12/20/2024	0232
7440-23-5	Sodium	320	JD	12/20/2024	0232
7440-28-0	Thallium	3.5	UD	12/20/2024	0232
7440-62-2	Vanadium	65	D	12/20/2024	0232
7440-66-6	Zinc	110	D	12/20/2024	0232

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

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MYCZ04

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ9

Matrix: SOIL Lab Sample ID: P5182-06

% 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	10000	D	12/20/2024	0236
7440-36-0	Antimony	3.6	JD	12/20/2024	0236
7440-38-2	Arsenic	23	D	12/20/2024	0236
7440-39-3	Barium	100	D	12/20/2024	0236
7440-41-7	Beryllium	1.0	D	12/20/2024	0236
7440-43-9	Cadmium	0.21	JD	12/20/2024	0236
7440-70-2	Calcium	16000	D	12/20/2024	0236
7440-47-3	Chromium	14	D	12/20/2024	0236
7440-48-4	Cobalt	18	D	12/20/2024	0236
7440-50-8	Copper	19	D	12/20/2024	0236
7439-89-6	Iron	28000	D	12/20/2024	0236
7439-92-1	Lead	18	D	12/20/2024	0236
7439-95-4	Magnesium	4800	D	12/20/2024	0236
7439-96-5	Manganese	520	D	12/20/2024	0236
7440-02-0	Nickel	16	D	12/20/2024	0236
7440-09-7	Potassium	1800	D	12/20/2024	0236
7782-49-2	Selenium	11	D	12/20/2024	0236
7440-22-4	Silver	0.44	JD [†]	12/20/2024	0236
7440-23-5	Sodium	450	JD	12/20/2024	0236
7440-28-0	Thallium	4.1	UD	12/20/2024	0236
7440-62-2	Vanadium	50	D	12/20/2024	0236
7440-66-6	Zinc	49	D	12/20/2024	0236

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

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MYCZ05

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ9

Matrix: SOIL Lab Sample ID: P5182-07

% 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	0240
7440-36-0	Antimony	5.4	JD	12/20/2024	0240
7440-38-2	Arsenic	66	D	12/20/2024	0240
7440-39-3	Barium	140	D	12/20/2024	0240
7440-41-7	Beryllium	1.3	D	12/20/2024	0240
7440-43-9	Cadmium	0.69	JD	12/20/2024	0240
7440-70-2	Calcium	8000	D	12/20/2024	0240
7440-47-3	Chromium	18	D	12/20/2024	0240
7440-48-4	Cobalt	22	D	12/20/2024	0240
7440-50-8	Copper	39	D	12/20/2024	0240
7439-89-6	Iron	36000	D	12/20/2024	0240
7439-92-1	Lead	46	D	12/20/2024	0240
7439-95-4	Magnesium	7300	D	12/20/2024	0240
7439-96-5	Manganese	700	D	12/20/2024	0240
7440-02-0	Nickel	22	D	12/20/2024	0240
7440-09-7	Potassium	2800	D	12/20/2024	0240
7782-49-2	Selenium	17	D	12/20/2024	0240
7440-22-4	Silver	0.73	JD [†]	12/20/2024	0240
7440-23-5	Sodium	400	JD	12/20/2024	0240
7440-28-0	Thallium	4.0	UD	12/20/2024	0240
7440-62-2	Vanadium	55	D	12/20/2024	0240
7440-66-6	Zinc	150	D	12/20/2024	0240

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

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MYCZ06

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ9

Matrix: SOIL Lab Sample ID: P5182-08

% Solids: 99.4 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	7500	D	12/20/2024	0244
7440-36-0	Antimony	3.7	JD	12/20/2024	0244
7440-38-2	Arsenic	19	D	12/20/2024	0244
7440-39-3	Barium	79	D	12/20/2024	0244
7440-41-7	Beryllium	0.91	D	12/20/2024	0244
7440-43-9	Cadmium	0.14	JD	12/20/2024	0244
7440-70-2	Calcium	11000	D	12/20/2024	0244
7440-47-3	Chromium	10	D	12/20/2024	0244
7440-48-4	Cobalt	17	D	12/20/2024	0244
7440-50-8	Copper	17	D	12/20/2024	0244
7439-89-6	Iron	26000	D	12/20/2024	0244
7439-92-1	Lead	15	D	12/20/2024	0244
7439-95-4	Magnesium	4400	D	12/20/2024	0244
7439-96-5	Manganese	440	D	12/20/2024	0244
7440-02-0	Nickel	16	D	12/20/2024	0244
7440-09-7	Potassium	1100	D	12/20/2024	0244
7782-49-2	Selenium	11	D	12/20/2024	0244
7440-22-4	Silver	0.39	JD [†]	12/20/2024	0244
7440-23-5	Sodium	360	JD	12/20/2024	0244
7440-28-0	Thallium	3.8	UD	12/20/2024	0244
7440-62-2	Vanadium	43	D	12/20/2024	0244
7440-66-6	Zinc	34	D	12/20/2024	0244

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

Comments:

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MYCZ07

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ9

Matrix: SOIL Lab Sample ID: P5182-09

% Solids: 97 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	17000	D	12/20/2024	0248
7440-36-0	Antimony	5.5	JD	12/20/2024	0248
7440-38-2	Arsenic	62	D	12/20/2024	0248
7440-39-3	Barium	160	D	12/20/2024	0248
7440-41-7	Beryllium	1.3	D	12/20/2024	0248
7440-43-9	Cadmium	0.74	JD	12/20/2024	0248
7440-70-2	Calcium	9800	D	12/20/2024	0248
7440-47-3	Chromium	18	D	12/20/2024	0248
7440-48-4	Cobalt	22	D	12/20/2024	0248
7440-50-8	Copper	41	D	12/20/2024	0248
7439-89-6	Iron	36000	D	12/20/2024	0248
7439-92-1	Lead	51	D	12/20/2024	0248
7439-95-4	Magnesium	7700	D	12/20/2024	0248
7439-96-5	Manganese	780	D	12/20/2024	0248
7440-02-0	Nickel	22	D	12/20/2024	0248
7440-09-7	Potassium	3200	D	12/20/2024	0248
7782-49-2	Selenium	16	D	12/20/2024	0248
7440-22-4	Silver	0.70	JD [†]	12/20/2024	0248
7440-23-5	Sodium	450	JD	12/20/2024	0248
7440-28-0	Thallium	4.3	UD	12/20/2024	0248
7440-62-2	Vanadium	55	D	12/20/2024	0248
7440-66-6	Zinc	160	D	12/20/2024	0248

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

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MYCZ08

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ9

Matrix: SOIL Lab Sample ID: P5182-10

% Solids: 97.7 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	15000	D	12/20/2024	0252
7440-36-0	Antimony	4.6	JD	12/20/2024	0252
7440-38-2	Arsenic	77	D	12/20/2024	0252
7440-39-3	Barium	140	D	12/20/2024	0252
7440-41-7	Beryllium	1.2	D	12/20/2024	0252
7440-43-9	Cadmium	1.1	D	12/20/2024	0252
7440-70-2	Calcium	8500	D	12/20/2024	0252
7440-47-3	Chromium	19	D	12/20/2024	0252
7440-48-4	Cobalt	21	D	12/20/2024	0252
7440-50-8	Copper	45	D	12/20/2024	0252
7439-89-6	Iron	33000	D	12/20/2024	0252
7439-92-1	Lead	66	D	12/20/2024	0252
7439-95-4	Magnesium	7000	D	12/20/2024	0252
7439-96-5	Manganese	790	D	12/20/2024	0252
7440-02-0	Nickel	21	D	12/20/2024	0252
7440-09-7	Potassium	3200	D	12/20/2024	0252
7782-49-2	Selenium	15	D	12/20/2024	0252
7440-22-4	Silver	0.66	JD [†]	12/20/2024	0252
7440-23-5	Sodium	400	JD	12/20/2024	0252
7440-28-0	Thallium	4.4	UD	12/20/2024	0252
7440-62-2	Vanadium	46	D	12/20/2024	0252
7440-66-6	Zinc	210	D	12/20/2024	0252

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

Comments:

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MYCZ09

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ9

Matrix: SOIL Lab Sample ID: P5182-11

% 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	14000	D	12/20/2024	0256
7440-36-0	Antimony	6.7	JD	12/20/2024	0256
7440-38-2	Arsenic	76	D	12/20/2024	0256
7440-39-3	Barium	120	D	12/20/2024	0256
7440-41-7	Beryllium	1.4	D	12/20/2024	0256
7440-43-9	Cadmium	0.81	JD	12/20/2024	0256
7440-70-2	Calcium	6000	D	12/20/2024	0256
7440-47-3	Chromium	16	D	12/20/2024	0256
7440-48-4	Cobalt	26	D	12/20/2024	0256
7440-50-8	Copper	50	D	12/20/2024	0256
7439-89-6	Iron	42000	D	12/20/2024	0256
7439-92-1	Lead	48	D	12/20/2024	0256
7439-95-4	Magnesium	6100	D	12/20/2024	0256
7439-96-5	Manganese	750	D	12/20/2024	0256
7440-02-0	Nickel	20	D	12/20/2024	0256
7440-09-7	Potassium	2700	D	12/20/2024	0256
7782-49-2	Selenium	20	D	12/20/2024	0256
7440-22-4	Silver	0.89	JD [†]	12/20/2024	0256
7440-23-5	Sodium	490	JD	12/20/2024	0256
7440-28-0	Thallium	4.2	UD	12/20/2024	0256
7440-62-2	Vanadium	75	D	12/20/2024	0256
7440-66-6	Zinc	160	D	12/20/2024	0256

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ10

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ9

Matrix: SOIL Lab Sample ID: P5182-12

% Solids: 97.1 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	0259
7440-36-0	Antimony	5.1	JD	12/20/2024	0259
7440-38-2	Arsenic	26	D	12/20/2024	0259
7440-39-3	Barium	110	D	12/20/2024	0259
7440-41-7	Beryllium	1.2	D	12/20/2024	0259
7440-43-9	Cadmium	0.16	JD	12/20/2024	0259
7440-70-2	Calcium	7800	D	12/20/2024	0259
7440-47-3	Chromium	19	D	12/20/2024	0259
7440-48-4	Cobalt	22	D	12/20/2024	0259
7440-50-8	Copper	29	D	12/20/2024	0259
7439-89-6	Iron	37000	D	12/20/2024	0259
7439-92-1	Lead	13	D	12/20/2024	0259
7439-95-4	Magnesium	7400	D	12/20/2024	0259
7439-96-5	Manganese	620	D	12/20/2024	0259
7440-02-0	Nickel	21	D	12/20/2024	0259
7440-09-7	Potassium	640	JD	12/20/2024	0259
7782-49-2	Selenium	17	D	12/20/2024	0259
7440-22-4	Silver	0.55	JD [†]	12/20/2024	0259
7440-23-5	Sodium	410	JD	12/20/2024	0259
7440-28-0	Thallium	4.1	UD	12/20/2024	0259
7440-62-2	Vanadium	67	D	12/20/2024	0259
7440-66-6	Zinc	42	D	12/20/2024	0259

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ11

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ9

Matrix: SOIL Lab Sample ID: P5182-13

% 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	11000	D	12/20/2024	0303
7440-36-0	Antimony	5.0	JD	12/20/2024	0303
7440-38-2	Arsenic	26	D	12/20/2024	0303
7440-39-3	Barium	100	D	12/20/2024	0303
7440-41-7	Beryllium	1.1	D	12/20/2024	0303
7440-43-9	Cadmium	0.15	JD	12/20/2024	0303
7440-70-2	Calcium	9100	D	12/20/2024	0303
7440-47-3	Chromium	29	D	12/20/2024	0303
7440-48-4	Cobalt	22	D	12/20/2024	0303
7440-50-8	Copper	25	D	12/20/2024	0303
7439-89-6	Iron	33000	D	12/20/2024	0303
7439-92-1	Lead	13	D	12/20/2024	0303
7439-95-4	Magnesium	6900	D	12/20/2024	0303
7439-96-5	Manganese	550	D	12/20/2024	0303
7440-02-0	Nickel	25	D	12/20/2024	0303
7440-09-7	Potassium	570	JD	12/20/2024	0303
7782-49-2	Selenium	15	D	12/20/2024	0303
7440-22-4	Silver	0.62	JD [†]	12/20/2024	0303
7440-23-5	Sodium	380	JD	12/20/2024	0303
7440-28-0	Thallium	4.2	UD	12/20/2024	0303
7440-62-2	Vanadium	64	D	12/20/2024	0303
7440-66-6	Zinc	43	D	12/20/2024	0303

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ12

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ9

Matrix: SOIL Lab Sample ID: P5182-14

% 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	0307
7440-36-0	Antimony	4.8	JD	12/20/2024	0307
7440-38-2	Arsenic	26	D	12/20/2024	0307
7440-39-3	Barium	130	D	12/20/2024	0307
7440-41-7	Beryllium	1.2	D	12/20/2024	0307
7440-43-9	Cadmium	0.21	JD	12/20/2024	0307
7440-70-2	Calcium	7100	D	12/20/2024	0307
7440-47-3	Chromium	19	D	12/20/2024	0307
7440-48-4	Cobalt	20	D	12/20/2024	0307
7440-50-8	Copper	26	D	12/20/2024	0307
7439-89-6	Iron	33000	D	12/20/2024	0307
7439-92-1	Lead	14	D	12/20/2024	0307
7439-95-4	Magnesium	7500	D	12/20/2024	0307
7439-96-5	Manganese	680	D	12/20/2024	0307
7440-02-0	Nickel	22	D	12/20/2024	0307
7440-09-7	Potassium	1800	D	12/20/2024	0307
7782-49-2	Selenium	16	D	12/20/2024	0307
7440-22-4	Silver	0.51	JD [†]	12/20/2024	0307
7440-23-5	Sodium	440	JD	12/20/2024	0307
7440-28-0	Thallium	3.7	UD	12/20/2024	0307
7440-62-2	Vanadium	52	D	12/20/2024	0307
7440-66-6	Zinc	48	D	12/20/2024	0307

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ13

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ9

Matrix: SOIL Lab Sample ID: P5182-15

% Solids: 99.9 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	8300	D	12/20/2024	0311
7440-36-0	Antimony	4.4	JD	12/20/2024	0311
7440-38-2	Arsenic	24	D	12/20/2024	0311
7440-39-3	Barium	57	D	12/20/2024	0311
7440-41-7	Beryllium	0.89	D	12/20/2024	0311
7440-43-9	Cadmium	0.097	JD	12/20/2024	0311
7440-70-2	Calcium	6300	D	12/20/2024	0311
7440-47-3	Chromium	22	D	12/20/2024	0311
7440-48-4	Cobalt	17	D	12/20/2024	0311
7440-50-8	Copper	25	D	12/20/2024	0311
7439-89-6	Iron	30000	D	12/20/2024	0311
7439-92-1	Lead	10	D	12/20/2024	0311
7439-95-4	Magnesium	5500	D	12/20/2024	0311
7439-96-5	Manganese	330	D	12/20/2024	0311
7440-02-0	Nickel	22	D	12/20/2024	0311
7440-09-7	Potassium	350	JD	12/20/2024	0311
7782-49-2	Selenium	13	D	12/20/2024	0311
7440-22-4	Silver	0.49	JD [†]	12/20/2024	0311
7440-23-5	Sodium	450	JD	12/20/2024	0311
7440-28-0	Thallium	3.9	UD	12/20/2024	0311
7440-62-2	Vanadium	61	D	12/20/2024	0311
7440-66-6	Zinc	29	D	12/20/2024	0311

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ14

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ9

Matrix: SOIL Lab Sample ID: P5182-16

% Solids: 98.1 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	15000	D	12/20/2024	0315
7440-36-0	Antimony	6.9	JD	12/20/2024	0315
7440-38-2	Arsenic	110	D	12/20/2024	0315
7440-39-3	Barium	130	D	12/20/2024	0315
7440-41-7	Beryllium	1.5	D	12/20/2024	0315
7440-43-9	Cadmium	1.3	D	12/20/2024	0315
7440-70-2	Calcium	7400	D	12/20/2024	0315
7440-47-3	Chromium	17	D	12/20/2024	0315
7440-48-4	Cobalt	23	D	12/20/2024	0315
7440-50-8	Copper	74	D	12/20/2024	0315
7439-89-6	Iron	44000	D	12/20/2024	0315
7439-92-1	Lead	74	D	12/20/2024	0315
7439-95-4	Magnesium	6900	D	12/20/2024	0315
7439-96-5	Manganese	760	D	12/20/2024	0315
7440-02-0	Nickel	21	D	12/20/2024	0315
7440-09-7	Potassium	2700	D	12/20/2024	0315
7782-49-2	Selenium	22	D	12/20/2024	0315
7440-22-4	Silver	1.1	JD [†]	12/20/2024	0315
7440-23-5	Sodium	410	JD	12/20/2024	0315
7440-28-0	Thallium	4.2	UD	12/20/2024	0315
7440-62-2	Vanadium	75	D	12/20/2024	0315
7440-66-6	Zinc	230	D	12/20/2024	0315

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ15

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ9

Matrix: SOIL Lab Sample ID: P5182-17

% 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	13000	D	12/20/2024	0319
7440-36-0	Antimony	6.1	JD	12/20/2024	0319
7440-38-2	Arsenic	120	D	12/20/2024	0319
7440-39-3	Barium	100	D	12/20/2024	0319
7440-41-7	Beryllium	1.2	D	12/20/2024	0319
7440-43-9	Cadmium	1.6	D	12/20/2024	0319
7440-70-2	Calcium	6300	D	12/20/2024	0319
7440-47-3	Chromium	14	D	12/20/2024	0319
7440-48-4	Cobalt	19	D	12/20/2024	0319
7440-50-8	Copper	53	D	12/20/2024	0319
7439-89-6	Iron	36000	D	12/20/2024	0319
7439-92-1	Lead	110	D	12/20/2024	0319
7439-95-4	Magnesium	6500	D	12/20/2024	0319
7439-96-5	Manganese	690	D	12/20/2024	0319
7440-02-0	Nickel	19	D	12/20/2024	0319
7440-09-7	Potassium	2800	D	12/20/2024	0319
7782-49-2	Selenium	18	D	12/20/2024	0319
7440-22-4	Silver	0.97	JD [†]	12/20/2024	0319
7440-23-5	Sodium	310	JD	12/20/2024	0319
7440-28-0	Thallium	4.3	UD	12/20/2024	0319
7440-62-2	Vanadium	51	D	12/20/2024	0319
7440-66-6	Zinc	330	D	12/20/2024	0319

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ16

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ9

Matrix: SOIL Lab Sample ID: P5182-18

% 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	14000	D	12/20/2024	0322
7440-36-0	Antimony	6.2	JD	12/20/2024	0322
7440-38-2	Arsenic	110	D	12/20/2024	0322
7440-39-3	Barium	130	D	12/20/2024	0322
7440-41-7	Beryllium	1.3	D	12/20/2024	0322
7440-43-9	Cadmium	1.1	D	12/20/2024	0322
7440-70-2	Calcium	6400	D	12/20/2024	0322
7440-47-3	Chromium	14	D	12/20/2024	0322
7440-48-4	Cobalt	20	D	12/20/2024	0322
7440-50-8	Copper	49	D	12/20/2024	0322
7439-89-6	Iron	39000	D	12/20/2024	0322
7439-92-1	Lead	78	D	12/20/2024	0322
7439-95-4	Magnesium	6300	D	12/20/2024	0322
7439-96-5	Manganese	670	D	12/20/2024	0322
7440-02-0	Nickel	19	D	12/20/2024	0322
7440-09-7	Potassium	2700	D	12/20/2024	0322
7782-49-2	Selenium	19	D	12/20/2024	0322
7440-22-4	Silver	1.0	JD [†]	12/20/2024	0322
7440-23-5	Sodium	410	JD	12/20/2024	0322
7440-28-0	Thallium	3.8	UD	12/20/2024	0322
7440-62-2	Vanadium	61	D	12/20/2024	0322
7440-66-6	Zinc	250	D	12/20/2024	0322

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ17

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ9

Matrix: SOIL Lab Sample ID: P5182-19

% 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	12000	D	12/20/2024	0326
7440-36-0	Antimony	5.1	JD	12/20/2024	0326
7440-38-2	Arsenic	27	D	12/20/2024	0326
7440-39-3	Barium	78	D	12/20/2024	0326
7440-41-7	Beryllium	1.0	D	12/20/2024	0326
7440-43-9	Cadmium	0.13	JD	12/20/2024	0326
7440-70-2	Calcium	11000	D	12/20/2024	0326
7440-47-3	Chromium	19	D	12/20/2024	0326
7440-48-4	Cobalt	20	D	12/20/2024	0326
7440-50-8	Copper	29	D	12/20/2024	0326
7439-89-6	Iron	33000	D	12/20/2024	0326
7439-92-1	Lead	13	D	12/20/2024	0326
7439-95-4	Magnesium	7000	D	12/20/2024	0326
7439-96-5	Manganese	550	D	12/20/2024	0326
7440-02-0	Nickel	21	D	12/20/2024	0326
7440-09-7	Potassium	650	JD	12/20/2024	0326
7782-49-2	Selenium	15	D	12/20/2024	0326
7440-22-4	Silver	0.70	JD [†]	12/20/2024	0326
7440-23-5	Sodium	530	JD	12/20/2024	0326
7440-28-0	Thallium	3.7	UD	12/20/2024	0326
7440-62-2	Vanadium	59	D	12/20/2024	0326
7440-66-6	Zinc	37	D	12/20/2024	0326

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ18

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ9

Matrix: SOIL Lab Sample ID: P5182-20

% 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	13000	D	12/20/2024	0330
7440-36-0	Antimony	4.8	JD	12/20/2024	0330
7440-38-2	Arsenic	50	D	12/20/2024	0330
7440-39-3	Barium	120	D	12/20/2024	0330
7440-41-7	Beryllium	1.2	D	12/20/2024	0330
7440-43-9	Cadmium	0.47	JD	12/20/2024	0330
7440-70-2	Calcium	5800	D	12/20/2024	0330
7440-47-3	Chromium	13	D	12/20/2024	0330
7440-48-4	Cobalt	19	D	12/20/2024	0330
7440-50-8	Copper	53	D	12/20/2024	0330
7439-89-6	Iron	35000	D	12/20/2024	0330
7439-92-1	Lead	35	D	12/20/2024	0330
7439-95-4	Magnesium	5900	D	12/20/2024	0330
7439-96-5	Manganese	670	D	12/20/2024	0330
7440-02-0	Nickel	17	D	12/20/2024	0330
7440-09-7	Potassium	3000	D	12/20/2024	0330
7782-49-2	Selenium	17	D	12/20/2024	0330
7440-22-4	Silver	0.58	JD [†]	12/20/2024	0330
7440-23-5	Sodium	440	JD	12/20/2024	0330
7440-28-0	Thallium	3.9	UD	12/20/2024	0330
7440-62-2	Vanadium	57	D	12/20/2024	0330
7440-66-6	Zinc	110	D	12/20/2024	0330

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

Comments: