

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ59

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ59

Matrix: SOIL Lab Sample ID: P5177-01

% 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	2313
7440-36-0	Antimony	6.2	JD	12/19/2024	2313
7440-38-2	Arsenic	53	D	12/19/2024	2313
7440-39-3	Barium	120	D	12/19/2024	2313
7440-41-7	Beryllium	1.2	D	12/19/2024	2313
7440-43-9	Cadmium	0.80	D	12/19/2024	2313
7440-70-2	Calcium	6100	D	12/19/2024	2313
7440-47-3	Chromium	23	D	12/19/2024	2313
7440-48-4	Cobalt	21	D*	12/19/2024	2313
7440-50-8	Copper	58	D	12/19/2024	2313
7439-89-6	Iron	39000	D	12/19/2024	2313
7439-92-1	Lead	58	D*	12/19/2024	2313
7439-95-4	Magnesium	6300	D	12/19/2024	2313
7439-96-5	Manganese	690	D	12/19/2024	2313
7440-02-0	Nickel	21	D	12/19/2024	2313
7440-09-7	Potassium	3500	D	12/19/2024	2313
7782-49-2	Selenium	19	D	12/19/2024	2313
7440-22-4	Silver	0.96	JD [†]	12/19/2024	2313
7440-23-5	Sodium	300	JD	12/19/2024	2313
7440-28-0	Thallium	3.7	UD	12/19/2024	2313
7440-62-2	Vanadium	66	D	12/19/2024	2313
7440-66-6	Zinc	160	D	12/19/2024	2313

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

Comments:

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MYCZ60

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ59

Matrix: SOIL Lab Sample ID: P5177-02

% Solids: 95.7 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	18000	D	12/19/2024	2317
7440-36-0	Antimony	5.4	JD	12/19/2024	2317
7440-38-2	Arsenic	51	D	12/19/2024	2317
7440-39-3	Barium	210	D	12/19/2024	2317
7440-41-7	Beryllium	1.3	D	12/19/2024	2317
7440-43-9	Cadmium	1.2	D	12/19/2024	2317
7440-70-2	Calcium	9200	D	12/19/2024	2317
7440-47-3	Chromium	25	D	12/19/2024	2317
7440-48-4	Cobalt	21	D*	12/19/2024	2317
7440-50-8	Copper	57	D	12/19/2024	2317
7439-89-6	Iron	36000	D	12/19/2024	2317
7439-92-1	Lead	83	D*	12/19/2024	2317
7439-95-4	Magnesium	8000	D	12/19/2024	2317
7439-96-5	Manganese	750	D	12/19/2024	2317
7440-02-0	Nickel	26	D	12/19/2024	2317
7440-09-7	Potassium	4000	D	12/19/2024	2317
7782-49-2	Selenium	17	D	12/19/2024	2317
7440-22-4	Silver	1.2	JD [†]	12/19/2024	2317
7440-23-5	Sodium	360	JD	12/19/2024	2317
7440-28-0	Thallium	3.7	UD	12/19/2024	2317
7440-62-2	Vanadium	54	D	12/19/2024	2317
7440-66-6	Zinc	230	D	12/19/2024	2317

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

Comments:

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MYCZ61

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ59

Matrix: SOIL Lab Sample ID: P5177-03

% 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	12000	D	12/19/2024	2321
7440-36-0	Antimony	5.3	JD	12/19/2024	2321
7440-38-2	Arsenic	43	D	12/19/2024	2321
7440-39-3	Barium	120	D	12/19/2024	2321
7440-41-7	Beryllium	1.1	D	12/19/2024	2321
7440-43-9	Cadmium	0.56	JD	12/19/2024	2321
7440-70-2	Calcium	6500	D	12/19/2024	2321
7440-47-3	Chromium	18	D	12/19/2024	2321
7440-48-4	Cobalt	20	D*	12/19/2024	2321
7440-50-8	Copper	43	D	12/19/2024	2321
7439-89-6	Iron	35000	D	12/19/2024	2321
7439-92-1	Lead	45	D*	12/19/2024	2321
7439-95-4	Magnesium	5800	D	12/19/2024	2321
7439-96-5	Manganese	720	D	12/19/2024	2321
7440-02-0	Nickel	18	D	12/19/2024	2321
7440-09-7	Potassium	3200	D	12/19/2024	2321
7782-49-2	Selenium	16	D	12/19/2024	2321
7440-22-4	Silver	0.97	JD [†]	12/19/2024	2321
7440-23-5	Sodium	330	JD	12/19/2024	2321
7440-28-0	Thallium	3.8	UD	12/19/2024	2321
7440-62-2	Vanadium	57	D	12/19/2024	2321
7440-66-6	Zinc	110	D	12/19/2024	2321

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

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MYCZ62

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ59

Matrix: SOIL Lab Sample ID: P5177-04

% Solids: 95.3 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	16000	D	12/19/2024	2332
7440-36-0	Antimony	5.6	JD	12/19/2024	2332
7440-38-2	Arsenic	67	D	12/19/2024	2332
7440-39-3	Barium	180	D	12/19/2024	2332
7440-41-7	Beryllium	1.2	D	12/19/2024	2332
7440-43-9	Cadmium	0.99	D	12/19/2024	2332
7440-70-2	Calcium	13000	D	12/19/2024	2332
7440-47-3	Chromium	22	D	12/19/2024	2332
7440-48-4	Cobalt	21	D*	12/19/2024	2332
7440-50-8	Copper	50	D	12/19/2024	2332
7439-89-6	Iron	35000	D	12/19/2024	2332
7439-92-1	Lead	81	D*	12/19/2024	2332
7439-95-4	Magnesium	7900	D	12/19/2024	2332
7439-96-5	Manganese	740	D	12/19/2024	2332
7440-02-0	Nickel	24	D	12/19/2024	2332
7440-09-7	Potassium	4400	D	12/19/2024	2332
7782-49-2	Selenium	16	D	12/19/2024	2332
7440-22-4	Silver	1.6	JD [†]	12/19/2024	2332
7440-23-5	Sodium	410	JD	12/19/2024	2332
7440-28-0	Thallium	4.1	UD	12/19/2024	2332
7440-62-2	Vanadium	54	D	12/19/2024	2332
7440-66-6	Zinc	230	D	12/19/2024	2332

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

Comments:

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MYCZ63

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ59

Matrix: SOIL Lab Sample ID: P5177-05

% Solids: 93.5 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	18000	D	12/19/2024	2336
7440-36-0	Antimony	6.0	JD	12/19/2024	2336
7440-38-2	Arsenic	180	D	12/19/2024	2336
7440-39-3	Barium	220	D	12/19/2024	2336
7440-41-7	Beryllium	1.4	D	12/19/2024	2336
7440-43-9	Cadmium	1.5	D	12/19/2024	2336
7440-70-2	Calcium	18000	D	12/19/2024	2336
7440-47-3	Chromium	22	D	12/19/2024	2336
7440-48-4	Cobalt	22	D*	12/19/2024	2336
7440-50-8	Copper	54	D	12/19/2024	2336
7439-89-6	Iron	39000	D	12/19/2024	2336
7439-92-1	Lead	210	D*	12/19/2024	2336
7439-95-4	Magnesium	9000	D	12/19/2024	2336
7439-96-5	Manganese	730	D	12/19/2024	2336
7440-02-0	Nickel	23	D	12/19/2024	2336
7440-09-7	Potassium	4400	D	12/19/2024	2336
7782-49-2	Selenium	18	D	12/19/2024	2336
7440-22-4	Silver	1.9	D*	12/19/2024	2336
7440-23-5	Sodium	550	JD	12/19/2024	2336
7440-28-0	Thallium	4.4	UD	12/19/2024	2336
7440-62-2	Vanadium	59	D	12/19/2024	2336
7440-66-6	Zinc	380	D	12/19/2024	2336

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

Comments:

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MYCZ64

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ59

Matrix: SOIL Lab Sample ID: P5177-06

% 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	14000	D	12/19/2024	2340
7440-36-0	Antimony	4.7	JD	12/19/2024	2340
7440-38-2	Arsenic	42	D	12/19/2024	2340
7440-39-3	Barium	130	D	12/19/2024	2340
7440-41-7	Beryllium	1.1	D	12/19/2024	2340
7440-43-9	Cadmium	0.66	JD	12/19/2024	2340
7440-70-2	Calcium	13000	D	12/19/2024	2340
7440-47-3	Chromium	23	D	12/19/2024	2340
7440-48-4	Cobalt	20	D*	12/19/2024	2340
7440-50-8	Copper	51	D	12/19/2024	2340
7439-89-6	Iron	34000	D	12/19/2024	2340
7439-92-1	Lead	61	D*	12/19/2024	2340
7439-95-4	Magnesium	6900	D	12/19/2024	2340
7439-96-5	Manganese	670	D	12/19/2024	2340
7440-02-0	Nickel	22	D	12/19/2024	2340
7440-09-7	Potassium	4600	D	12/19/2024	2340
7782-49-2	Selenium	14	D	12/19/2024	2340
7440-22-4	Silver	0.89	JD [†]	12/19/2024	2340
7440-23-5	Sodium	620	JD	12/19/2024	2340
7440-28-0	Thallium	4.0	UD	12/19/2024	2340
7440-62-2	Vanadium	52	D	12/19/2024	2340
7440-66-6	Zinc	160	D	12/19/2024	2340

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

Comments:

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MYCZ65

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ59

Matrix: SOIL Lab Sample ID: P5177-07

% Solids: 96.9 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	15000	D	12/19/2024	2344
7440-36-0	Antimony	4.9	JD	12/19/2024	2344
7440-38-2	Arsenic	41	D	12/19/2024	2344
7440-39-3	Barium	150	D	12/19/2024	2344
7440-41-7	Beryllium	1.2	D	12/19/2024	2344
7440-43-9	Cadmium	0.58	JD	12/19/2024	2344
7440-70-2	Calcium	11000	D	12/19/2024	2344
7440-47-3	Chromium	22	D	12/19/2024	2344
7440-48-4	Cobalt	22	D*	12/19/2024	2344
7440-50-8	Copper	44	D	12/19/2024	2344
7439-89-6	Iron	36000	D	12/19/2024	2344
7439-92-1	Lead	41	D*	12/19/2024	2344
7439-95-4	Magnesium	7500	D	12/19/2024	2344
7439-96-5	Manganese	700	D	12/19/2024	2344
7440-02-0	Nickel	22	D	12/19/2024	2344
7440-09-7	Potassium	4300	D	12/19/2024	2344
7782-49-2	Selenium	16	D	12/19/2024	2344
7440-22-4	Silver	1.0	JD [†]	12/19/2024	2344
7440-23-5	Sodium	320	JD	12/19/2024	2344
7440-28-0	Thallium	4.2	UD	12/19/2024	2344
7440-62-2	Vanadium	58	D	12/19/2024	2344
7440-66-6	Zinc	140	D	12/19/2024	2344

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

Comments:

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MYCZ66

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ59

Matrix: SOIL Lab Sample ID: P5177-08

% Solids: 96.7 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	12/19/2024	2347
7440-36-0	Antimony	5.7	JD	12/19/2024	2347
7440-38-2	Arsenic	38	D	12/19/2024	2347
7440-39-3	Barium	160	D	12/19/2024	2347
7440-41-7	Beryllium	1.3	D	12/19/2024	2347
7440-43-9	Cadmium	0.58	JD	12/19/2024	2347
7440-70-2	Calcium	12000	D	12/19/2024	2347
7440-47-3	Chromium	22	D	12/19/2024	2347
7440-48-4	Cobalt	21	D*	12/19/2024	2347
7440-50-8	Copper	44	D	12/19/2024	2347
7439-89-6	Iron	37000	D	12/19/2024	2347
7439-92-1	Lead	42	D*	12/19/2024	2347
7439-95-4	Magnesium	7700	D	12/19/2024	2347
7439-96-5	Manganese	720	D	12/19/2024	2347
7440-02-0	Nickel	22	D	12/19/2024	2347
7440-09-7	Potassium	4400	D	12/19/2024	2347
7782-49-2	Selenium	16	D	12/19/2024	2347
7440-22-4	Silver	1.0	JD [†]	12/19/2024	2347
7440-23-5	Sodium	360	JD	12/19/2024	2347
7440-28-0	Thallium	4.0	UD	12/19/2024	2347
7440-62-2	Vanadium	59	D	12/19/2024	2347
7440-66-6	Zinc	140	D	12/19/2024	2347

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MYCZ67

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ59

Matrix: SOIL Lab Sample ID: P5177-09

% 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	15000	D	12/19/2024	2351
7440-36-0	Antimony	6.0	JD	12/19/2024	2351
7440-38-2	Arsenic	47	D	12/19/2024	2351
7440-39-3	Barium	140	D	12/19/2024	2351
7440-41-7	Beryllium	1.3	D	12/19/2024	2351
7440-43-9	Cadmium	0.55	JD	12/19/2024	2351
7440-70-2	Calcium	9200	D	12/19/2024	2351
7440-47-3	Chromium	23	D	12/19/2024	2351
7440-48-4	Cobalt	23	D*	12/19/2024	2351
7440-50-8	Copper	41	D	12/19/2024	2351
7439-89-6	Iron	39000	D	12/19/2024	2351
7439-92-1	Lead	38	D*	12/19/2024	2351
7439-95-4	Magnesium	7500	D	12/19/2024	2351
7439-96-5	Manganese	710	D	12/19/2024	2351
7440-02-0	Nickel	24	D	12/19/2024	2351
7440-09-7	Potassium	4400	D	12/19/2024	2351
7782-49-2	Selenium	19	D	12/19/2024	2351
7440-22-4	Silver	0.86	JD [†]	12/19/2024	2351
7440-23-5	Sodium	370	JD	12/19/2024	2351
7440-28-0	Thallium	3.5	UD	12/19/2024	2351
7440-62-2	Vanadium	65	D	12/19/2024	2351
7440-66-6	Zinc	120	D	12/19/2024	2351

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ68

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ59

Matrix: SOIL Lab Sample ID: P5177-10

% 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	14000	D	12/19/2024	2355
7440-36-0	Antimony	5.6	JD	12/19/2024	2355
7440-38-2	Arsenic	43	D	12/19/2024	2355
7440-39-3	Barium	130	D	12/19/2024	2355
7440-41-7	Beryllium	1.1	D	12/19/2024	2355
7440-43-9	Cadmium	0.67	JD	12/19/2024	2355
7440-70-2	Calcium	8600	D	12/19/2024	2355
7440-47-3	Chromium	20	D	12/19/2024	2355
7440-48-4	Cobalt	20	D*	12/19/2024	2355
7440-50-8	Copper	50	D	12/19/2024	2355
7439-89-6	Iron	35000	D	12/19/2024	2355
7439-92-1	Lead	47	D*	12/19/2024	2355
7439-95-4	Magnesium	6800	D	12/19/2024	2355
7439-96-5	Manganese	640	D	12/19/2024	2355
7440-02-0	Nickel	21	D	12/19/2024	2355
7440-09-7	Potassium	4400	D	12/19/2024	2355
7782-49-2	Selenium	16	D	12/19/2024	2355
7440-22-4	Silver	0.98	JD [†]	12/19/2024	2355
7440-23-5	Sodium	460	JD	12/19/2024	2355
7440-28-0	Thallium	3.8	UD	12/19/2024	2355
7440-62-2	Vanadium	57	D	12/19/2024	2355
7440-66-6	Zinc	150	D	12/19/2024	2355

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MYD012

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ59

Matrix: SOIL Lab Sample ID: P5177-11

% Solids: 97.5 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	12/19/2024	2359
7440-36-0	Antimony	5.0	JD	12/19/2024	2359
7440-38-2	Arsenic	100	D	12/19/2024	2359
7440-39-3	Barium	130	D	12/19/2024	2359
7440-41-7	Beryllium	1.2	D	12/19/2024	2359
7440-43-9	Cadmium	1.3	D	12/19/2024	2359
7440-70-2	Calcium	16000	D	12/19/2024	2359
7440-47-3	Chromium	16	D	12/19/2024	2359
7440-48-4	Cobalt	21	D*	12/19/2024	2359
7440-50-8	Copper	85	D	12/19/2024	2359
7439-89-6	Iron	36000	D	12/19/2024	2359
7439-92-1	Lead	73	D*	12/19/2024	2359
7439-95-4	Magnesium	8300	D	12/19/2024	2359
7439-96-5	Manganese	780	D	12/19/2024	2359
7440-02-0	Nickel	23	D	12/19/2024	2359
7440-09-7	Potassium	2800	D	12/19/2024	2359
7782-49-2	Selenium	17	D	12/19/2024	2359
7440-22-4	Silver	1.2	JD [†]	12/19/2024	2359
7440-23-5	Sodium	330	JD	12/19/2024	2359
7440-28-0	Thallium	3.9	UD	12/19/2024	2359
7440-62-2	Vanadium	57	D	12/19/2024	2359
7440-66-6	Zinc	210	D	12/19/2024	2359

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYD013

Lab Name: Alliance Technical Group, LLC

Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779

MA No. : 3226.1 SDG No.: MYCZ59

Matrix: SOIL

Lab Sample ID: P5177-12

% 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	13000	D	12/20/2024	0003
7440-36-0	Antimony	4.5	JD	12/20/2024	0003
7440-38-2	Arsenic	41	D	12/20/2024	0003
7440-39-3	Barium	100	D	12/20/2024	0003
7440-41-7	Beryllium	1.1	D	12/20/2024	0003
7440-43-9	Cadmium	0.57	JD	12/20/2024	0003
7440-70-2	Calcium	7300	D	12/20/2024	0003
7440-47-3	Chromium	12	D	12/20/2024	0003
7440-48-4	Cobalt	17	D*	12/20/2024	0003
7440-50-8	Copper	36	D	12/20/2024	0003
7439-89-6	Iron	31000	D	12/20/2024	0003
7439-92-1	Lead	33	D*	12/20/2024	0003
7439-95-4	Magnesium	6500	D	12/20/2024	0003
7439-96-5	Manganese	640	D	12/20/2024	0003
7440-02-0	Nickel	18	D	12/20/2024	0003
7440-09-7	Potassium	3000	D	12/20/2024	0003
7782-49-2	Selenium	15	D	12/20/2024	0003
7440-22-4	Silver	0.81	JD [†]	12/20/2024	0003
7440-23-5	Sodium	200	JD	12/20/2024	0003
7440-28-0	Thallium	3.8	UD	12/20/2024	0003
7440-62-2	Vanadium	44	D	12/20/2024	0003
7440-66-6	Zinc	100	D	12/20/2024	0003

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYD014

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ59

Matrix: SOIL Lab Sample ID: P5177-13

% Solids: 97.5 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	17000	D	12/20/2024	0006
7440-36-0	Antimony	5.5	JD	12/20/2024	0006
7440-38-2	Arsenic	37	D	12/20/2024	0006
7440-39-3	Barium	130	D	12/20/2024	0006
7440-41-7	Beryllium	1.3	D	12/20/2024	0006
7440-43-9	Cadmium	0.41	JD	12/20/2024	0006
7440-70-2	Calcium	7700	D	12/20/2024	0006
7440-47-3	Chromium	17	D	12/20/2024	0006
7440-48-4	Cobalt	21	D*	12/20/2024	0006
7440-50-8	Copper	38	D	12/20/2024	0006
7439-89-6	Iron	37000	D	12/20/2024	0006
7439-92-1	Lead	29	D*	12/20/2024	0006
7439-95-4	Magnesium	7800	D	12/20/2024	0006
7439-96-5	Manganese	780	D	12/20/2024	0006
7440-02-0	Nickel	22	D	12/20/2024	0006
7440-09-7	Potassium	3600	D	12/20/2024	0006
7782-49-2	Selenium	17	D	12/20/2024	0006
7440-22-4	Silver	1.0	JD [†]	12/20/2024	0006
7440-23-5	Sodium	340	JD	12/20/2024	0006
7440-28-0	Thallium	4.1	UD	12/20/2024	0006
7440-62-2	Vanadium	55	D	12/20/2024	0006
7440-66-6	Zinc	91	D	12/20/2024	0006

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYD015

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ59

Matrix: SOIL Lab Sample ID: P5177-14

% 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	14000	D	12/20/2024	0010
7440-36-0	Antimony	5.1	JD	12/20/2024	0010
7440-38-2	Arsenic	45	D	12/20/2024	0010
7440-39-3	Barium	100	D	12/20/2024	0010
7440-41-7	Beryllium	1.2	D	12/20/2024	0010
7440-43-9	Cadmium	0.42	JD	12/20/2024	0010
7440-70-2	Calcium	14000	D	12/20/2024	0010
7440-47-3	Chromium	15	D	12/20/2024	0010
7440-48-4	Cobalt	22	D*	12/20/2024	0010
7440-50-8	Copper	37	D	12/20/2024	0010
7439-89-6	Iron	35000	D	12/20/2024	0010
7439-92-1	Lead	29	D*	12/20/2024	0010
7439-95-4	Magnesium	7200	D	12/20/2024	0010
7439-96-5	Manganese	660	D	12/20/2024	0010
7440-02-0	Nickel	21	D	12/20/2024	0010
7440-09-7	Potassium	2700	D	12/20/2024	0010
7782-49-2	Selenium	16	D	12/20/2024	0010
7440-22-4	Silver	0.98	JD [†]	12/20/2024	0010
7440-23-5	Sodium	210	JD	12/20/2024	0010
7440-28-0	Thallium	3.6	UD	12/20/2024	0010
7440-62-2	Vanadium	56	D	12/20/2024	0010
7440-66-6	Zinc	86	D	12/20/2024	0010

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYD016

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ59

Matrix: SOIL Lab Sample ID: P5177-15

% 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	15000	D	12/20/2024	0014
7440-36-0	Antimony	4.8	JD	12/20/2024	0014
7440-38-2	Arsenic	40	D	12/20/2024	0014
7440-39-3	Barium	110	D	12/20/2024	0014
7440-41-7	Beryllium	1.2	D	12/20/2024	0014
7440-43-9	Cadmium	0.42	JD	12/20/2024	0014
7440-70-2	Calcium	12000	D	12/20/2024	0014
7440-47-3	Chromium	16	D	12/20/2024	0014
7440-48-4	Cobalt	20	D*	12/20/2024	0014
7440-50-8	Copper	32	D	12/20/2024	0014
7439-89-6	Iron	34000	D	12/20/2024	0014
7439-92-1	Lead	27	D*	12/20/2024	0014
7439-95-4	Magnesium	7500	D	12/20/2024	0014
7439-96-5	Manganese	660	D	12/20/2024	0014
7440-02-0	Nickel	20	D	12/20/2024	0014
7440-09-7	Potassium	2700	D	12/20/2024	0014
7782-49-2	Selenium	16	D	12/20/2024	0014
7440-22-4	Silver	0.96	JD [†]	12/20/2024	0014
7440-23-5	Sodium	270	JD	12/20/2024	0014
7440-28-0	Thallium	3.8	UD	12/20/2024	0014
7440-62-2	Vanadium	53	D	12/20/2024	0014
7440-66-6	Zinc	89	D	12/20/2024	0014

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYD017

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ59

Matrix: SOIL Lab Sample ID: P5177-16

% Solids: 98.9 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	0018
7440-36-0	Antimony	5.0	JD	12/20/2024	0018
7440-38-2	Arsenic	42	D	12/20/2024	0018
7440-39-3	Barium	90	D	12/20/2024	0018
7440-41-7	Beryllium	1.1	D	12/20/2024	0018
7440-43-9	Cadmium	0.48	JD	12/20/2024	0018
7440-70-2	Calcium	12000	D	12/20/2024	0018
7440-47-3	Chromium	17	D	12/20/2024	0018
7440-48-4	Cobalt	20	D*	12/20/2024	0018
7440-50-8	Copper	35	D	12/20/2024	0018
7439-89-6	Iron	35000	D	12/20/2024	0018
7439-92-1	Lead	31	D*	12/20/2024	0018
7439-95-4	Magnesium	6800	D	12/20/2024	0018
7439-96-5	Manganese	610	D	12/20/2024	0018
7440-02-0	Nickel	18	D	12/20/2024	0018
7440-09-7	Potassium	3000	D	12/20/2024	0018
7782-49-2	Selenium	16	D	12/20/2024	0018
7440-22-4	Silver	0.86	JD [†]	12/20/2024	0018
7440-23-5	Sodium	460	JD	12/20/2024	0018
7440-28-0	Thallium	4.6	UD	12/20/2024	0018
7440-62-2	Vanadium	61	D	12/20/2024	0018
7440-66-6	Zinc	99	D	12/20/2024	0018

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYD018

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ59

Matrix: SOIL Lab Sample ID: P5177-17

% 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	13000	D	12/20/2024	0022
7440-36-0	Antimony	4.4	JD	12/20/2024	0022
7440-38-2	Arsenic	48	D	12/20/2024	0022
7440-39-3	Barium	99	D	12/20/2024	0022
7440-41-7	Beryllium	1.1	D	12/20/2024	0022
7440-43-9	Cadmium	0.55	JD	12/20/2024	0022
7440-70-2	Calcium	20000	D	12/20/2024	0022
7440-47-3	Chromium	17	D	12/20/2024	0022
7440-48-4	Cobalt	20	D*	12/20/2024	0022
7440-50-8	Copper	33	D	12/20/2024	0022
7439-89-6	Iron	32000	D	12/20/2024	0022
7439-92-1	Lead	34	D*	12/20/2024	0022
7439-95-4	Magnesium	6900	D	12/20/2024	0022
7439-96-5	Manganese	680	D	12/20/2024	0022
7440-02-0	Nickel	20	D	12/20/2024	0022
7440-09-7	Potassium	3300	D	12/20/2024	0022
7782-49-2	Selenium	14	D	12/20/2024	0022
7440-22-4	Silver	0.88	JD [†]	12/20/2024	0022
7440-23-5	Sodium	180	JD	12/20/2024	0022
7440-28-0	Thallium	3.8	UD	12/20/2024	0022
7440-62-2	Vanadium	52	D	12/20/2024	0022
7440-66-6	Zinc	110	D	12/20/2024	0022

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYD019

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ59

Matrix: SOIL Lab Sample ID: P5177-18

% 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	14000	D	12/20/2024	0026
7440-36-0	Antimony	6.6	JD	12/20/2024	0026
7440-38-2	Arsenic	42	D	12/20/2024	0026
7440-39-3	Barium	120	D	12/20/2024	0026
7440-41-7	Beryllium	1.4	D	12/20/2024	0026
7440-43-9	Cadmium	0.41	JD	12/20/2024	0026
7440-70-2	Calcium	12000	D	12/20/2024	0026
7440-47-3	Chromium	17	D	12/20/2024	0026
7440-48-4	Cobalt	25	D*	12/20/2024	0026
7440-50-8	Copper	40	D	12/20/2024	0026
7439-89-6	Iron	42000	D	12/20/2024	0026
7439-92-1	Lead	25	D*	12/20/2024	0026
7439-95-4	Magnesium	7400	D	12/20/2024	0026
7439-96-5	Manganese	740	D	12/20/2024	0026
7440-02-0	Nickel	23	D	12/20/2024	0026
7440-09-7	Potassium	2400	D	12/20/2024	0026
7782-49-2	Selenium	20	D	12/20/2024	0026
7440-22-4	Silver	1.2	JD [†]	12/20/2024	0026
7440-23-5	Sodium	260	JD	12/20/2024	0026
7440-28-0	Thallium	3.5	UD	12/20/2024	0026
7440-62-2	Vanadium	82	D	12/20/2024	0026
7440-66-6	Zinc	68	D	12/20/2024	0026

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYD020

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ59

Matrix: SOIL Lab Sample ID: P5177-19

% 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	0030
7440-36-0	Antimony	5.2	JD	12/20/2024	0030
7440-38-2	Arsenic	61	D	12/20/2024	0030
7440-39-3	Barium	150	D	12/20/2024	0030
7440-41-7	Beryllium	1.3	D	12/20/2024	0030
7440-43-9	Cadmium	0.65	JD	12/20/2024	0030
7440-70-2	Calcium	18000	D	12/20/2024	0030
7440-47-3	Chromium	17	D	12/20/2024	0030
7440-48-4	Cobalt	24	D*	12/20/2024	0030
7440-50-8	Copper	45	D	12/20/2024	0030
7439-89-6	Iron	38000	D	12/20/2024	0030
7439-92-1	Lead	39	D*	12/20/2024	0030
7439-95-4	Magnesium	8500	D	12/20/2024	0030
7439-96-5	Manganese	840	D	12/20/2024	0030
7440-02-0	Nickel	24	D	12/20/2024	0030
7440-09-7	Potassium	2700	D	12/20/2024	0030
7782-49-2	Selenium	16	D	12/20/2024	0030
7440-22-4	Silver	1.2	JD [†]	12/20/2024	0030
7440-23-5	Sodium	300	JD	12/20/2024	0030
7440-28-0	Thallium	3.6	UD	12/20/2024	0030
7440-62-2	Vanadium	60	D	12/20/2024	0030
7440-66-6	Zinc	110	D	12/20/2024	0030

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYD021

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ59

Matrix: SOIL Lab Sample ID: P5177-20

% 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	16000	D	12/19/2024	0225
7440-36-0	Antimony	7.6	JD	12/19/2024	0225
7440-38-2	Arsenic	32	D	12/19/2024	0225
7440-39-3	Barium	130	D	12/19/2024	0225
7440-41-7	Beryllium	1.4	D	12/19/2024	0225
7440-43-9	Cadmium	0.38	JD	12/19/2024	0225
7440-70-2	Calcium	14000	D	12/19/2024	0225
7440-47-3	Chromium	20	D	12/19/2024	0225
7440-48-4	Cobalt	25	D*	12/19/2024	0225
7440-50-8	Copper	35	D	12/19/2024	0225
7439-89-6	Iron	41000	D	12/19/2024	0225
7439-92-1	Lead	23	D*	12/19/2024	0225
7439-95-4	Magnesium	7900	D	12/19/2024	0225
7439-96-5	Manganese	750	D	12/19/2024	0225
7440-02-0	Nickel	23	D	12/19/2024	0225
7440-09-7	Potassium	1900	D	12/19/2024	0225
7782-49-2	Selenium	19	D	12/19/2024	0225
7440-22-4	Silver	1.2	JD [†]	12/19/2024	0225
7440-23-5	Sodium	230	JD	12/19/2024	0225
7440-28-0	Thallium	4.4	UD	12/19/2024	0225
7440-62-2	Vanadium	76	D	12/19/2024	0225
7440-66-6	Zinc	63	D	12/19/2024	0225

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

Comments: