

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4B0

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4B0

Matrix: SOIL Lab Sample ID: P4481-01

% Solids: 98.1 Date Received: 10/22/2024

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	10/30/2024	2302
7440-36-0	Antimony	0.91	JD	10/30/2024	2302
7440-38-2	Arsenic	47	D*	10/30/2024	2302
7440-39-3	Barium	180	D	10/30/2024	2302
7440-41-7	Beryllium	0.82	D	10/30/2024	2302
7440-43-9	Cadmium	1.2	D	10/30/2024	2302
7440-70-2	Calcium	13000	D	10/30/2024	2302
7440-47-3	Chromium	30	D	10/30/2024	2302
7440-48-4	Cobalt	18	D	10/30/2024	2302
7440-50-8	Copper	62	D*	10/30/2024	2302
7439-89-6	Iron	34000	D	10/30/2024	2302
7439-92-1	Lead	26	D	10/30/2024	2302
7439-95-4	Magnesium	6500	D	10/30/2024	2302
7439-96-5	Manganese	1300	D	10/30/2024	2302
7440-02-0	Nickel	32	D	10/30/2024	2302
7440-09-7	Potassium	3100	D	10/30/2024	2302
7782-49-2	Selenium	4.8	UD	10/30/2024	2302
7440-22-4	Silver	1.4	UD	10/30/2024	2302
7440-23-5	Sodium	150	JD	10/30/2024	2302
7440-28-0	Thallium	3.4	UD	10/30/2024	2302
7440-62-2	Vanadium	66	D	10/30/2024	2302
7440-66-6	Zinc	74	D*	10/30/2024	2302

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4B1

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4B0

Matrix: SOIL Lab Sample ID: P4481-02

% Solids: 97 Date Received: 10/22/2024

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	10/30/2024	2307
7440-36-0	Antimony	9.8	UD	10/30/2024	2307
7440-38-2	Arsenic	21	D*	10/30/2024	2307
7440-39-3	Barium	150	D	10/30/2024	2307
7440-41-7	Beryllium	0.79	JD	10/30/2024	2307
7440-43-9	Cadmium	1.1	D	10/30/2024	2307
7440-70-2	Calcium	6900	D	10/30/2024	2307
7440-47-3	Chromium	30	D	10/30/2024	2307
7440-48-4	Cobalt	17	D	10/30/2024	2307
7440-50-8	Copper	66	D*	10/30/2024	2307
7439-89-6	Iron	30000	D	10/30/2024	2307
7439-92-1	Lead	21	D	10/30/2024	2307
7439-95-4	Magnesium	6700	D	10/30/2024	2307
7439-96-5	Manganese	690	D	10/30/2024	2307
7440-02-0	Nickel	28	D	10/30/2024	2307
7440-09-7	Potassium	4300	D	10/30/2024	2307
7782-49-2	Selenium	5.7	UD	10/30/2024	2307
7440-22-4	Silver	1.6	UD	10/30/2024	2307
7440-23-5	Sodium	170	JD	10/30/2024	2307
7440-28-0	Thallium	4.1	UD	10/30/2024	2307
7440-62-2	Vanadium	61	D	10/30/2024	2307
7440-66-6	Zinc	77	D*	10/30/2024	2307

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4B2

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4B0

Matrix: SOIL Lab Sample ID: P4481-03

% Solids: 96 Date Received: 10/22/2024

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	10/30/2024	2311
7440-36-0	Antimony	0.70	JD	10/30/2024	2311
7440-38-2	Arsenic	22	D*	10/30/2024	2311
7440-39-3	Barium	140	D	10/30/2024	2311
7440-41-7	Beryllium	0.77	JD	10/30/2024	2311
7440-43-9	Cadmium	1.0	D	10/30/2024	2311
7440-70-2	Calcium	6100	D	10/30/2024	2311
7440-47-3	Chromium	28	D	10/30/2024	2311
7440-48-4	Cobalt	16	D	10/30/2024	2311
7440-50-8	Copper	68	D*	10/30/2024	2311
7439-89-6	Iron	29000	D	10/30/2024	2311
7439-92-1	Lead	22	D	10/30/2024	2311
7439-95-4	Magnesium	6100	D	10/30/2024	2311
7439-96-5	Manganese	650	D	10/30/2024	2311
7440-02-0	Nickel	26	D	10/30/2024	2311
7440-09-7	Potassium	3900	D	10/30/2024	2311
7782-49-2	Selenium	5.5	UD	10/30/2024	2311
7440-22-4	Silver	1.6	UD	10/30/2024	2311
7440-23-5	Sodium	210	JD	10/30/2024	2311
7440-28-0	Thallium	3.9	UD	10/30/2024	2311
7440-62-2	Vanadium	59	D	10/30/2024	2311
7440-66-6	Zinc	75	D*	10/30/2024	2311

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4B3

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4B0

Matrix: SOIL Lab Sample ID: P4481-04

% Solids: 96.9 Date Received: 10/22/2024

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	10/30/2024	2316
7440-36-0	Antimony	11	UD	10/30/2024	2316
7440-38-2	Arsenic	21	D*	10/30/2024	2316
7440-39-3	Barium	130	D	10/30/2024	2316
7440-41-7	Beryllium	0.67	JD	10/30/2024	2316
7440-43-9	Cadmium	0.91	D	10/30/2024	2316
7440-70-2	Calcium	6300	D	10/30/2024	2316
7440-47-3	Chromium	25	D	10/30/2024	2316
7440-48-4	Cobalt	14	D	10/30/2024	2316
7440-50-8	Copper	58	D*	10/30/2024	2316
7439-89-6	Iron	27000	D	10/30/2024	2316
7439-92-1	Lead	20	D	10/30/2024	2316
7439-95-4	Magnesium	5500	D	10/30/2024	2316
7439-96-5	Manganese	650	D	10/30/2024	2316
7440-02-0	Nickel	24	D	10/30/2024	2316
7440-09-7	Potassium	3400	D	10/30/2024	2316
7782-49-2	Selenium	6.4	UD	10/30/2024	2316
7440-22-4	Silver	1.8	UD	10/30/2024	2316
7440-23-5	Sodium	180	JD	10/30/2024	2316
7440-28-0	Thallium	4.6	UD	10/30/2024	2316
7440-62-2	Vanadium	54	D	10/30/2024	2316
7440-66-6	Zinc	69	D*	10/30/2024	2316

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4B4

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4B0

Matrix: SOIL Lab Sample ID: P4481-05

% Solids: 96.8 Date Received: 10/22/2024

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	10/30/2024	2320
7440-36-0	Antimony	1.2	JD	10/30/2024	2320
7440-38-2	Arsenic	35	D*	10/30/2024	2320
7440-39-3	Barium	190	D	10/30/2024	2320
7440-41-7	Beryllium	0.93	JD	10/30/2024	2320
7440-43-9	Cadmium	1.4	D	10/30/2024	2320
7440-70-2	Calcium	5700	D	10/30/2024	2320
7440-47-3	Chromium	39	D	10/30/2024	2320
7440-48-4	Cobalt	21	D	10/30/2024	2320
7440-50-8	Copper	86	D*	10/30/2024	2320
7439-89-6	Iron	38000	D	10/30/2024	2320
7439-92-1	Lead	29	D	10/30/2024	2320
7439-95-4	Magnesium	7800	D	10/30/2024	2320
7439-96-5	Manganese	1100	D	10/30/2024	2320
7440-02-0	Nickel	38	D	10/30/2024	2320
7440-09-7	Potassium	4800	D	10/30/2024	2320
7782-49-2	Selenium	7.0	UD	10/30/2024	2320
7440-22-4	Silver	2.0	UD	10/30/2024	2320
7440-23-5	Sodium	240	JD	10/30/2024	2320
7440-28-0	Thallium	5.0	UD	10/30/2024	2320
7440-62-2	Vanadium	71	D	10/30/2024	2320
7440-66-6	Zinc	92	D*	10/30/2024	2320

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4B5

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4B0

Matrix: SOIL Lab Sample ID: P4481-06

% Solids: 97.2 Date Received: 10/22/2024

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	10/30/2024	2325
7440-36-0	Antimony	1.1	JD	10/30/2024	2325
7440-38-2	Arsenic	38	D*	10/30/2024	2325
7440-39-3	Barium	180	D	10/30/2024	2325
7440-41-7	Beryllium	0.93	D	10/30/2024	2325
7440-43-9	Cadmium	1.5	D	10/30/2024	2325
7440-70-2	Calcium	6600	D	10/30/2024	2325
7440-47-3	Chromium	45	D	10/30/2024	2325
7440-48-4	Cobalt	25	D	10/30/2024	2325
7440-50-8	Copper	80	D*	10/30/2024	2325
7439-89-6	Iron	39000	D	10/30/2024	2325
7439-92-1	Lead	26	D	10/30/2024	2325
7439-95-4	Magnesium	8300	D	10/30/2024	2325
7439-96-5	Manganese	1100	D	10/30/2024	2325
7440-02-0	Nickel	45	D	10/30/2024	2325
7440-09-7	Potassium	4300	D	10/30/2024	2325
7782-49-2	Selenium	5.2	UD	10/30/2024	2325
7440-22-4	Silver	1.5	UD	10/30/2024	2325
7440-23-5	Sodium	180	JD	10/30/2024	2325
7440-28-0	Thallium	3.7	UD	10/30/2024	2325
7440-62-2	Vanadium	77	D	10/30/2024	2325
7440-66-6	Zinc	80	D*	10/30/2024	2325

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4B6

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4B0

Matrix: SOIL Lab Sample ID: P4481-07

% Solids: 95.1 Date Received: 10/22/2024

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	10/30/2024	2329
7440-36-0	Antimony	1.0	JD	10/30/2024	2329
7440-38-2	Arsenic	37	D*	10/30/2024	2329
7440-39-3	Barium	190	D	10/30/2024	2329
7440-41-7	Beryllium	0.98	JD	10/30/2024	2329
7440-43-9	Cadmium	1.4	D	10/30/2024	2329
7440-70-2	Calcium	5300	D	10/30/2024	2329
7440-47-3	Chromium	39	D	10/30/2024	2329
7440-48-4	Cobalt	21	D	10/30/2024	2329
7440-50-8	Copper	98	D*	10/30/2024	2329
7439-89-6	Iron	37000	D	10/30/2024	2329
7439-92-1	Lead	28	D	10/30/2024	2329
7439-95-4	Magnesium	8000	D	10/30/2024	2329
7439-96-5	Manganese	1000	D	10/30/2024	2329
7440-02-0	Nickel	38	D	10/30/2024	2329
7440-09-7	Potassium	4700	D	10/30/2024	2329
7782-49-2	Selenium	6.9	UD	10/30/2024	2329
7440-22-4	Silver	2.0	UD	10/30/2024	2329
7440-23-5	Sodium	250	JD	10/30/2024	2329
7440-28-0	Thallium	5.0	UD	10/30/2024	2329
7440-62-2	Vanadium	72	D	10/30/2024	2329
7440-66-6	Zinc	90	D*	10/30/2024	2329

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4B7

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4B0

Matrix: SOIL Lab Sample ID: P4481-08

% Solids: 96.7 Date Received: 10/22/2024

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	10/30/2024	2333
7440-36-0	Antimony	1.6	JD	10/30/2024	2333
7440-38-2	Arsenic	31	D*	10/30/2024	2333
7440-39-3	Barium	170	D	10/30/2024	2333
7440-41-7	Beryllium	0.89	D	10/30/2024	2333
7440-43-9	Cadmium	1.6	D	10/30/2024	2333
7440-70-2	Calcium	4600	D	10/30/2024	2333
7440-47-3	Chromium	36	D	10/30/2024	2333
7440-48-4	Cobalt	20	D	10/30/2024	2333
7440-50-8	Copper	130	D*	10/30/2024	2333
7439-89-6	Iron	35000	D	10/30/2024	2333
7439-92-1	Lead	35	D	10/30/2024	2333
7439-95-4	Magnesium	7600	D	10/30/2024	2333
7439-96-5	Manganese	950	D	10/30/2024	2333
7440-02-0	Nickel	35	D	10/30/2024	2333
7440-09-7	Potassium	5200	D	10/30/2024	2333
7782-49-2	Selenium	5.4	UD	10/30/2024	2333
7440-22-4	Silver	1.5	UD	10/30/2024	2333
7440-23-5	Sodium	250	JD	10/30/2024	2333
7440-28-0	Thallium	3.9	UD	10/30/2024	2333
7440-62-2	Vanadium	64	D	10/30/2024	2333
7440-66-6	Zinc	100	D*	10/30/2024	2333

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4B8

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4B0

Matrix: SOIL Lab Sample ID: P4481-09

% Solids: 98.1 Date Received: 10/22/2024

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	10/30/2024	2338
7440-36-0	Antimony	8.8	UD	10/30/2024	2338
7440-38-2	Arsenic	11	D*	10/30/2024	2338
7440-39-3	Barium	130	D	10/30/2024	2338
7440-41-7	Beryllium	0.75	D	10/30/2024	2338
7440-43-9	Cadmium	0.88	D	10/30/2024	2338
7440-70-2	Calcium	8500	D	10/30/2024	2338
7440-47-3	Chromium	25	D	10/30/2024	2338
7440-48-4	Cobalt	16	D	10/30/2024	2338
7440-50-8	Copper	33	D*	10/30/2024	2338
7439-89-6	Iron	27000	D	10/30/2024	2338
7439-92-1	Lead	16	D	10/30/2024	2338
7439-95-4	Magnesium	5900	D	10/30/2024	2338
7439-96-5	Manganese	650	D	10/30/2024	2338
7440-02-0	Nickel	26	D	10/30/2024	2338
7440-09-7	Potassium	2900	D	10/30/2024	2338
7782-49-2	Selenium	5.1	UD	10/30/2024	2338
7440-22-4	Silver	1.5	UD	10/30/2024	2338
7440-23-5	Sodium	260	JD	10/30/2024	2338
7440-28-0	Thallium	3.7	UD	10/30/2024	2338
7440-62-2	Vanadium	62	D	10/30/2024	2338
7440-66-6	Zinc	54	D*	10/30/2024	2338

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4B9

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4B0

Matrix: SOIL Lab Sample ID: P4481-10

% Solids: 97 Date Received: 10/22/2024

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	10/30/2024	2342
7440-36-0	Antimony	1.4	JD	10/30/2024	2342
7440-38-2	Arsenic	34	D*	10/30/2024	2342
7440-39-3	Barium	180	D	10/30/2024	2342
7440-41-7	Beryllium	0.93	D	10/30/2024	2342
7440-43-9	Cadmium	1.4	D	10/30/2024	2342
7440-70-2	Calcium	4800	D	10/30/2024	2342
7440-47-3	Chromium	39	D	10/30/2024	2342
7440-48-4	Cobalt	21	D	10/30/2024	2342
7440-50-8	Copper	85	D*	10/30/2024	2342
7439-89-6	Iron	35000	D	10/30/2024	2342
7439-92-1	Lead	26	D	10/30/2024	2342
7439-95-4	Magnesium	7700	D	10/30/2024	2342
7439-96-5	Manganese	1000	D	10/30/2024	2342
7440-02-0	Nickel	38	D	10/30/2024	2342
7440-09-7	Potassium	4300	D	10/30/2024	2342
7782-49-2	Selenium	6.4	UD	10/30/2024	2342
7440-22-4	Silver	1.8	UD	10/30/2024	2342
7440-23-5	Sodium	200	JD	10/30/2024	2342
7440-28-0	Thallium	4.6	UD	10/30/2024	2342
7440-62-2	Vanadium	67	D	10/30/2024	2342
7440-66-6	Zinc	85	D*	10/30/2024	2342

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4C0

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4B0

Matrix: SOIL Lab Sample ID: P4481-11

% Solids: 96.7 Date Received: 10/22/2024

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	10/30/2024	2347
7440-36-0	Antimony	0.75	JD	10/30/2024	2347
7440-38-2	Arsenic	26	D*	10/30/2024	2347
7440-39-3	Barium	160	D	10/30/2024	2347
7440-41-7	Beryllium	0.85	D	10/30/2024	2347
7440-43-9	Cadmium	1.3	D	10/30/2024	2347
7440-70-2	Calcium	5400	D	10/30/2024	2347
7440-47-3	Chromium	33	D	10/30/2024	2347
7440-48-4	Cobalt	18	D	10/30/2024	2347
7440-50-8	Copper	86	D*	10/30/2024	2347
7439-89-6	Iron	32000	D	10/30/2024	2347
7439-92-1	Lead	25	D	10/30/2024	2347
7439-95-4	Magnesium	7000	D	10/30/2024	2347
7439-96-5	Manganese	850	D	10/30/2024	2347
7440-02-0	Nickel	33	D	10/30/2024	2347
7440-09-7	Potassium	4400	D	10/30/2024	2347
7782-49-2	Selenium	5.0	UD	10/30/2024	2347
7440-22-4	Silver	1.4	UD	10/30/2024	2347
7440-23-5	Sodium	220	JD	10/30/2024	2347
7440-28-0	Thallium	3.5	UD	10/30/2024	2347
7440-62-2	Vanadium	63	D	10/30/2024	2347
7440-66-6	Zinc	81	D*	10/30/2024	2347

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4C1

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4B0

Matrix: SOIL Lab Sample ID: P4481-12

% Solids: 95 Date Received: 10/22/2024

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	10/30/2024	2351
7440-36-0	Antimony	0.84	JD	10/30/2024	2351
7440-38-2	Arsenic	34	D*	10/30/2024	2351
7440-39-3	Barium	190	D	10/30/2024	2351
7440-41-7	Beryllium	0.99	D	10/30/2024	2351
7440-43-9	Cadmium	1.5	D	10/30/2024	2351
7440-70-2	Calcium	5600	D	10/30/2024	2351
7440-47-3	Chromium	40	D	10/30/2024	2351
7440-48-4	Cobalt	22	D	10/30/2024	2351
7440-50-8	Copper	110	D*	10/30/2024	2351
7439-89-6	Iron	37000	D	10/30/2024	2351
7439-92-1	Lead	32	D	10/30/2024	2351
7439-95-4	Magnesium	8400	D	10/30/2024	2351
7439-96-5	Manganese	1000	D	10/30/2024	2351
7440-02-0	Nickel	40	D	10/30/2024	2351
7440-09-7	Potassium	4900	D	10/30/2024	2351
7782-49-2	Selenium	6.6	UD	10/30/2024	2351
7440-22-4	Silver	1.9	UD	10/30/2024	2351
7440-23-5	Sodium	190	JD	10/30/2024	2351
7440-28-0	Thallium	4.7	UD	10/30/2024	2351
7440-62-2	Vanadium	72	D	10/30/2024	2351
7440-66-6	Zinc	100	D*	10/30/2024	2351

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4C2

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4B0

Matrix: SOIL Lab Sample ID: P4481-15

% Solids: 95.7 Date Received: 10/22/2024

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	10/31/2024	0009
7440-36-0	Antimony	0.94	JD	10/31/2024	0009
7440-38-2	Arsenic	59	D*	10/31/2024	0009
7440-39-3	Barium	200	D	10/31/2024	0009
7440-41-7	Beryllium	1.0	D	10/31/2024	0009
7440-43-9	Cadmium	1.5	D	10/31/2024	0009
7440-70-2	Calcium	6400	D	10/31/2024	0009
7440-47-3	Chromium	43	D	10/31/2024	0009
7440-48-4	Cobalt	23	D	10/31/2024	0009
7440-50-8	Copper	100	D*	10/31/2024	0009
7439-89-6	Iron	39000	D	10/31/2024	0009
7439-92-1	Lead	32	D	10/31/2024	0009
7439-95-4	Magnesium	8600	D	10/31/2024	0009
7439-96-5	Manganese	1100	D	10/31/2024	0009
7440-02-0	Nickel	43	D	10/31/2024	0009
7440-09-7	Potassium	4400	D	10/31/2024	0009
7782-49-2	Selenium	6.7	UD	10/31/2024	0009
7440-22-4	Silver	1.9	UD	10/31/2024	0009
7440-23-5	Sodium	220	JD	10/31/2024	0009
7440-28-0	Thallium	4.8	UD	10/31/2024	0009
7440-62-2	Vanadium	78	D	10/31/2024	0009
7440-66-6	Zinc	94	D*	10/31/2024	0009

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4C3

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4B0

Matrix: SOIL Lab Sample ID: P4481-16

% Solids: 97.3 Date Received: 10/22/2024

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	10/31/2024	0013
7440-36-0	Antimony	1.3	JD	10/31/2024	0013
7440-38-2	Arsenic	22	D*	10/31/2024	0013
7440-39-3	Barium	140	D	10/31/2024	0013
7440-41-7	Beryllium	0.78	JD	10/31/2024	0013
7440-43-9	Cadmium	1.3	D	10/31/2024	0013
7440-70-2	Calcium	7800	D	10/31/2024	0013
7440-47-3	Chromium	29	D	10/31/2024	0013
7440-48-4	Cobalt	16	D	10/31/2024	0013
7440-50-8	Copper	75	D*	10/31/2024	0013
7439-89-6	Iron	29000	D	10/31/2024	0013
7439-92-1	Lead	25	D	10/31/2024	0013
7439-95-4	Magnesium	6500	D	10/31/2024	0013
7439-96-5	Manganese	760	D	10/31/2024	0013
7440-02-0	Nickel	26	D	10/31/2024	0013
7440-09-7	Potassium	4200	D	10/31/2024	0013
7782-49-2	Selenium	6.1	UD	10/31/2024	0013
7440-22-4	Silver	1.7	UD	10/31/2024	0013
7440-23-5	Sodium	170	JD	10/31/2024	0013
7440-28-0	Thallium	4.3	UD	10/31/2024	0013
7440-62-2	Vanadium	56	D	10/31/2024	0013
7440-66-6	Zinc	89	D*	10/31/2024	0013

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4C4

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4B0

Matrix: SOIL Lab Sample ID: P4481-17

% Solids: 94.9 Date Received: 10/22/2024

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	10/31/2024	0018
7440-36-0	Antimony	0.97	JD	10/31/2024	0018
7440-38-2	Arsenic	30	D*	10/31/2024	0018
7440-39-3	Barium	160	D	10/31/2024	0018
7440-41-7	Beryllium	0.82	JD	10/31/2024	0018
7440-43-9	Cadmium	1.1	D	10/31/2024	0018
7440-70-2	Calcium	6000	D	10/31/2024	0018
7440-47-3	Chromium	31	D	10/31/2024	0018
7440-48-4	Cobalt	17	D	10/31/2024	0018
7440-50-8	Copper	69	D*	10/31/2024	0018
7439-89-6	Iron	30000	D	10/31/2024	0018
7439-92-1	Lead	25	D	10/31/2024	0018
7439-95-4	Magnesium	6900	D	10/31/2024	0018
7439-96-5	Manganese	780	D	10/31/2024	0018
7440-02-0	Nickel	29	D	10/31/2024	0018
7440-09-7	Potassium	4100	D	10/31/2024	0018
7782-49-2	Selenium	1.5	JD	10/31/2024	0018
7440-22-4	Silver	1.9	UD	10/31/2024	0018
7440-23-5	Sodium	260	JD	10/31/2024	0018
7440-28-0	Thallium	4.7	UD	10/31/2024	0018
7440-62-2	Vanadium	59	D	10/31/2024	0018
7440-66-6	Zinc	79	D*	10/31/2024	0018

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4C5

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4B0

Matrix: SOIL Lab Sample ID: P4481-18

% Solids: 96.3 Date Received: 10/22/2024

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	10/31/2024	0022
7440-36-0	Antimony	0.96	JD	10/31/2024	0022
7440-38-2	Arsenic	20	D*	10/31/2024	0022
7440-39-3	Barium	150	D	10/31/2024	0022
7440-41-7	Beryllium	0.85	D	10/31/2024	0022
7440-43-9	Cadmium	1.1	D	10/31/2024	0022
7440-70-2	Calcium	6800	D	10/31/2024	0022
7440-47-3	Chromium	30	D	10/31/2024	0022
7440-48-4	Cobalt	17	D	10/31/2024	0022
7440-50-8	Copper	70	D*	10/31/2024	0022
7439-89-6	Iron	30000	D	10/31/2024	0022
7439-92-1	Lead	21	D	10/31/2024	0022
7439-95-4	Magnesium	6800	D	10/31/2024	0022
7439-96-5	Manganese	770	D	10/31/2024	0022
7440-02-0	Nickel	28	D	10/31/2024	0022
7440-09-7	Potassium	4900	D	10/31/2024	0022
7782-49-2	Selenium	5.6	UD	10/31/2024	0022
7440-22-4	Silver	1.6	UD	10/31/2024	0022
7440-23-5	Sodium	160	JD	10/31/2024	0022
7440-28-0	Thallium	4.0	UD	10/31/2024	0022
7440-62-2	Vanadium	56	D	10/31/2024	0022
7440-66-6	Zinc	86	D*	10/31/2024	0022

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4C6

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4B0

Matrix: SOIL Lab Sample ID: P4481-19

% Solids: 97.7 Date Received: 10/22/2024

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	10/31/2024	0027
7440-36-0	Antimony	1.1	JD	10/31/2024	0027
7440-38-2	Arsenic	26	D*	10/31/2024	0027
7440-39-3	Barium	150	D	10/31/2024	0027
7440-41-7	Beryllium	0.80	JD	10/31/2024	0027
7440-43-9	Cadmium	1.3	D	10/31/2024	0027
7440-70-2	Calcium	3500	D	10/31/2024	0027
7440-47-3	Chromium	29	D	10/31/2024	0027
7440-48-4	Cobalt	16	D	10/31/2024	0027
7440-50-8	Copper	92	D*	10/31/2024	0027
7439-89-6	Iron	30000	D	10/31/2024	0027
7439-92-1	Lead	29	D	10/31/2024	0027
7439-95-4	Magnesium	5900	D	10/31/2024	0027
7439-96-5	Manganese	800	D	10/31/2024	0027
7440-02-0	Nickel	28	D	10/31/2024	0027
7440-09-7	Potassium	4300	D	10/31/2024	0027
7782-49-2	Selenium	6.2	UD	10/31/2024	0027
7440-22-4	Silver	1.8	UD	10/31/2024	0027
7440-23-5	Sodium	890	UD	10/31/2024	0027
7440-28-0	Thallium	4.5	UD	10/31/2024	0027
7440-62-2	Vanadium	55	D	10/31/2024	0027
7440-66-6	Zinc	88	D*	10/31/2024	0027

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4C7

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4B0

Matrix: SOIL Lab Sample ID: P4481-20

% Solids: 95.6 Date Received: 10/22/2024

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	10/31/2024	0040
7440-36-0	Antimony	1.0	JD	10/31/2024	0040
7440-38-2	Arsenic	20	D*	10/31/2024	0040
7440-39-3	Barium	160	D	10/31/2024	0040
7440-41-7	Beryllium	0.76	JD	10/31/2024	0040
7440-43-9	Cadmium	0.99	D	10/31/2024	0040
7440-70-2	Calcium	7700	D	10/31/2024	0040
7440-47-3	Chromium	27	D	10/31/2024	0040
7440-48-4	Cobalt	17	D	10/31/2024	0040
7440-50-8	Copper	56	D*	10/31/2024	0040
7439-89-6	Iron	28000	D	10/31/2024	0040
7439-92-1	Lead	19	D	10/31/2024	0040
7439-95-4	Magnesium	6700	D	10/31/2024	0040
7439-96-5	Manganese	860	D	10/31/2024	0040
7440-02-0	Nickel	25	D	10/31/2024	0040
7440-09-7	Potassium	3700	D	10/31/2024	0040
7782-49-2	Selenium	5.9	UD	10/31/2024	0040
7440-22-4	Silver	1.7	UD	10/31/2024	0040
7440-23-5	Sodium	190	JD	10/31/2024	0040
7440-28-0	Thallium	4.2	UD	10/31/2024	0040
7440-62-2	Vanadium	58	D	10/31/2024	0040
7440-66-6	Zinc	71	D*	10/31/2024	0040

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4C8

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4B0

Matrix: SOIL Lab Sample ID: P4481-21

% Solids: 96.6 Date Received: 10/22/2024

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	10/31/2024	0044
7440-36-0	Antimony	12	UD	10/31/2024	0044
7440-38-2	Arsenic	28	D*	10/31/2024	0044
7440-39-3	Barium	180	D	10/31/2024	0044
7440-41-7	Beryllium	0.96	JD	10/31/2024	0044
7440-43-9	Cadmium	1.3	D	10/31/2024	0044
7440-70-2	Calcium	8800	D	10/31/2024	0044
7440-47-3	Chromium	35	D	10/31/2024	0044
7440-48-4	Cobalt	20	D	10/31/2024	0044
7440-50-8	Copper	76	D*	10/31/2024	0044
7439-89-6	Iron	37000	D	10/31/2024	0044
7439-92-1	Lead	26	D	10/31/2024	0044
7439-95-4	Magnesium	7500	D	10/31/2024	0044
7439-96-5	Manganese	800	D	10/31/2024	0044
7440-02-0	Nickel	31	D	10/31/2024	0044
7440-09-7	Potassium	4400	D	10/31/2024	0044
7782-49-2	Selenium	7.3	UD	10/31/2024	0044
7440-22-4	Silver	2.1	UD	10/31/2024	0044
7440-23-5	Sodium	290	JD	10/31/2024	0044
7440-28-0	Thallium	5.2	UD	10/31/2024	0044
7440-62-2	Vanadium	73	D	10/31/2024	0044
7440-66-6	Zinc	110	D*	10/31/2024	0044

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4C9

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4B0

Matrix: SOIL Lab Sample ID: P4481-22

% Solids: 97.6 Date Received: 10/22/2024

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	10/31/2024	0049
7440-36-0	Antimony	1.3	JD	10/31/2024	0049
7440-38-2	Arsenic	71	D*	10/31/2024	0049
7440-39-3	Barium	180	D	10/31/2024	0049
7440-41-7	Beryllium	1.0	D	10/31/2024	0049
7440-43-9	Cadmium	1.4	D	10/31/2024	0049
7440-70-2	Calcium	4100	D	10/31/2024	0049
7440-47-3	Chromium	40	D	10/31/2024	0049
7440-48-4	Cobalt	21	D	10/31/2024	0049
7440-50-8	Copper	87	D*	10/31/2024	0049
7439-89-6	Iron	40000	D	10/31/2024	0049
7439-92-1	Lead	27	D	10/31/2024	0049
7439-95-4	Magnesium	7600	D	10/31/2024	0049
7439-96-5	Manganese	910	D	10/31/2024	0049
7440-02-0	Nickel	36	D	10/31/2024	0049
7440-09-7	Potassium	5000	D	10/31/2024	0049
7782-49-2	Selenium	7.2	UD	10/31/2024	0049
7440-22-4	Silver	2.1	UD	10/31/2024	0049
7440-23-5	Sodium	290	JD	10/31/2024	0049
7440-28-0	Thallium	5.1	UD	10/31/2024	0049
7440-62-2	Vanadium	76	D	10/31/2024	0049
7440-66-6	Zinc	100	D*	10/31/2024	0049

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

Comments: