

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE506

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5F3

Matrix: SOIL Lab Sample ID: P4543-13

% Solids: 97.7 Date Received: 10/25/2024

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	11/10/2024	0253
7440-36-0	Antimony	2.2	JD	11/10/2024	0253
7440-38-2	Arsenic	48	D*	11/10/2024	0253
7440-39-3	Barium	230	D	11/10/2024	0253
7440-41-7	Beryllium	0.84	JD	11/10/2024	0253
7440-43-9	Cadmium	1.3	D	11/10/2024	0253
7440-70-2	Calcium	3600	D	11/10/2024	0253
7440-47-3	Chromium	37	D	11/10/2024	0253
7440-48-4	Cobalt	24	D	11/10/2024	0253
7440-50-8	Copper	130	D	11/10/2024	0253
7439-89-6	Iron	46000	D	11/10/2024	0253
7439-92-1	Lead	57	D	11/10/2024	0253
7439-95-4	Magnesium	7700	D	11/10/2024	0253
7439-96-5	Manganese	1100	D	11/10/2024	0253
7440-02-0	Nickel	47	D	11/10/2024	0253
7440-09-7	Potassium	3100	D	11/10/2024	0253
7782-49-2	Selenium	6.8	UD	11/10/2024	0253
7440-22-4	Silver	1.9	UD	11/10/2024	0253
7440-23-5	Sodium	970	UD	11/10/2024	0253
7440-28-0	Thallium	4.8	UD	11/10/2024	0253
7440-62-2	Vanadium	91	D	11/10/2024	0253
7440-66-6	Zinc	150	D	11/10/2024	0253

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE507

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5F3

Matrix: SOIL Lab Sample ID: P4543-14

% Solids: 97.9 Date Received: 10/25/2024

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	11/10/2024	0306
7440-36-0	Antimony	1.6	JD	11/10/2024	0306
7440-38-2	Arsenic	41	D*	11/10/2024	0306
7440-39-3	Barium	180	D	11/10/2024	0306
7440-41-7	Beryllium	0.66	JD	11/10/2024	0306
7440-43-9	Cadmium	1.4	D	11/10/2024	0306
7440-70-2	Calcium	2900	D	11/10/2024	0306
7440-47-3	Chromium	32	D	11/10/2024	0306
7440-48-4	Cobalt	18	D	11/10/2024	0306
7440-50-8	Copper	170	D	11/10/2024	0306
7439-89-6	Iron	35000	D	11/10/2024	0306
7439-92-1	Lead	64	D	11/10/2024	0306
7439-95-4	Magnesium	5600	D	11/10/2024	0306
7439-96-5	Manganese	900	D	11/10/2024	0306
7440-02-0	Nickel	33	D	11/10/2024	0306
7440-09-7	Potassium	2600	D	11/10/2024	0306
7782-49-2	Selenium	6.3	UD	11/10/2024	0306
7440-22-4	Silver	1.8	UD	11/10/2024	0306
7440-23-5	Sodium	900	UD	11/10/2024	0306
7440-28-0	Thallium	4.5	UD	11/10/2024	0306
7440-62-2	Vanadium	67	D	11/10/2024	0306
7440-66-6	Zinc	140	D	11/10/2024	0306

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE508

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5F3

Matrix: SOIL Lab Sample ID: P4543-15

% Solids: 98.3 Date Received: 10/25/2024

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	11/10/2024	0310
7440-36-0	Antimony	1.3	JD	11/10/2024	0310
7440-38-2	Arsenic	42	D*	11/10/2024	0310
7440-39-3	Barium	210	D	11/10/2024	0310
7440-41-7	Beryllium	0.74	JD	11/10/2024	0310
7440-43-9	Cadmium	1.1	D	11/10/2024	0310
7440-70-2	Calcium	2900	D	11/10/2024	0310
7440-47-3	Chromium	33	D	11/10/2024	0310
7440-48-4	Cobalt	22	D	11/10/2024	0310
7440-50-8	Copper	120	D	11/10/2024	0310
7439-89-6	Iron	41000	D	11/10/2024	0310
7439-92-1	Lead	53	D	11/10/2024	0310
7439-95-4	Magnesium	7000	D	11/10/2024	0310
7439-96-5	Manganese	980	D	11/10/2024	0310
7440-02-0	Nickel	42	D	11/10/2024	0310
7440-09-7	Potassium	2800	D	11/10/2024	0310
7782-49-2	Selenium	6.5	UD	11/10/2024	0310
7440-22-4	Silver	1.9	UD	11/10/2024	0310
7440-23-5	Sodium	930	UD	11/10/2024	0310
7440-28-0	Thallium	4.6	UD	11/10/2024	0310
7440-62-2	Vanadium	78	D	11/10/2024	0310
7440-66-6	Zinc	130	D	11/10/2024	0310

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE509

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5F3

Matrix: SOIL Lab Sample ID: P4543-16

% Solids: 98.2 Date Received: 10/25/2024

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	11/10/2024	0315
7440-36-0	Antimony	2.1	JD	11/10/2024	0315
7440-38-2	Arsenic	36	D*	11/10/2024	0315
7440-39-3	Barium	170	D	11/10/2024	0315
7440-41-7	Beryllium	0.65	JD	11/10/2024	0315
7440-43-9	Cadmium	1.2	D	11/10/2024	0315
7440-70-2	Calcium	3200	D	11/10/2024	0315
7440-47-3	Chromium	30	D	11/10/2024	0315
7440-48-4	Cobalt	18	D	11/10/2024	0315
7440-50-8	Copper	130	D	11/10/2024	0315
7439-89-6	Iron	39000	D	11/10/2024	0315
7439-92-1	Lead	72	D	11/10/2024	0315
7439-95-4	Magnesium	6500	D	11/10/2024	0315
7439-96-5	Manganese	800	D	11/10/2024	0315
7440-02-0	Nickel	40	D	11/10/2024	0315
7440-09-7	Potassium	2600	D	11/10/2024	0315
7782-49-2	Selenium	5.9	UD	11/10/2024	0315
7440-22-4	Silver	1.7	UD	11/10/2024	0315
7440-23-5	Sodium	840	UD	11/10/2024	0315
7440-28-0	Thallium	4.2	UD	11/10/2024	0315
7440-62-2	Vanadium	70	D	11/10/2024	0315
7440-66-6	Zinc	150	D	11/10/2024	0315

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE510

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5F3

Matrix: SOIL Lab Sample ID: P4543-17

% Solids: 97.8 Date Received: 10/25/2024

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	11/10/2024	0319
7440-36-0	Antimony	1.8	JD	11/10/2024	0319
7440-38-2	Arsenic	42	D*	11/10/2024	0319
7440-39-3	Barium	210	D	11/10/2024	0319
7440-41-7	Beryllium	0.76	JD	11/10/2024	0319
7440-43-9	Cadmium	1.1	D	11/10/2024	0319
7440-70-2	Calcium	3500	D	11/10/2024	0319
7440-47-3	Chromium	32	D	11/10/2024	0319
7440-48-4	Cobalt	20	D	11/10/2024	0319
7440-50-8	Copper	98	D	11/10/2024	0319
7439-89-6	Iron	39000	D	11/10/2024	0319
7439-92-1	Lead	50	D	11/10/2024	0319
7439-95-4	Magnesium	6500	D	11/10/2024	0319
7439-96-5	Manganese	930	D	11/10/2024	0319
7440-02-0	Nickel	39	D	11/10/2024	0319
7440-09-7	Potassium	3000	D	11/10/2024	0319
7782-49-2	Selenium	5.7	UD	11/10/2024	0319
7440-22-4	Silver	1.6	UD	11/10/2024	0319
7440-23-5	Sodium	160	JD	11/10/2024	0319
7440-28-0	Thallium	4.1	UD	11/10/2024	0319
7440-62-2	Vanadium	77	D	11/10/2024	0319
7440-66-6	Zinc	130	D	11/10/2024	0319

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE511

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5F3

Matrix: SOIL Lab Sample ID: P4543-18

% Solids: 98 Date Received: 10/25/2024

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	11/10/2024	0324
7440-36-0	Antimony	1.4	JD	11/10/2024	0324
7440-38-2	Arsenic	50	D*	11/10/2024	0324
7440-39-3	Barium	230	D	11/10/2024	0324
7440-41-7	Beryllium	0.75	JD	11/10/2024	0324
7440-43-9	Cadmium	1.2	D	11/10/2024	0324
7440-70-2	Calcium	2900	D	11/10/2024	0324
7440-47-3	Chromium	35	D	11/10/2024	0324
7440-48-4	Cobalt	24	D	11/10/2024	0324
7440-50-8	Copper	140	D	11/10/2024	0324
7439-89-6	Iron	41000	D	11/10/2024	0324
7439-92-1	Lead	53	D	11/10/2024	0324
7439-95-4	Magnesium	7600	D	11/10/2024	0324
7439-96-5	Manganese	1300	D	11/10/2024	0324
7440-02-0	Nickel	47	D	11/10/2024	0324
7440-09-7	Potassium	2800	D	11/10/2024	0324
7782-49-2	Selenium	6.0	UD	11/10/2024	0324
7440-22-4	Silver	1.7	UD	11/10/2024	0324
7440-23-5	Sodium	170	JD	11/10/2024	0324
7440-28-0	Thallium	4.3	UD	11/10/2024	0324
7440-62-2	Vanadium	83	D	11/10/2024	0324
7440-66-6	Zinc	130	D	11/10/2024	0324

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE512

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5F3

Matrix: SOIL Lab Sample ID: P4543-19

% Solids: 97.8 Date Received: 10/25/2024

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	11/10/2024	0328
7440-36-0	Antimony	1.6	JD	11/10/2024	0328
7440-38-2	Arsenic	40	D*	11/10/2024	0328
7440-39-3	Barium	230	D	11/10/2024	0328
7440-41-7	Beryllium	0.76	JD	11/10/2024	0328
7440-43-9	Cadmium	1.4	D	11/10/2024	0328
7440-70-2	Calcium	2900	D	11/10/2024	0328
7440-47-3	Chromium	36	D	11/10/2024	0328
7440-48-4	Cobalt	23	D	11/10/2024	0328
7440-50-8	Copper	150	D	11/10/2024	0328
7439-89-6	Iron	42000	D	11/10/2024	0328
7439-92-1	Lead	63	D	11/10/2024	0328
7439-95-4	Magnesium	8300	D	11/10/2024	0328
7439-96-5	Manganese	1100	D	11/10/2024	0328
7440-02-0	Nickel	50	D	11/10/2024	0328
7440-09-7	Potassium	2700	D	11/10/2024	0328
7782-49-2	Selenium	5.9	UD	11/10/2024	0328
7440-22-4	Silver	1.7	UD	11/10/2024	0328
7440-23-5	Sodium	170	JD	11/10/2024	0328
7440-28-0	Thallium	4.2	UD	11/10/2024	0328
7440-62-2	Vanadium	84	D	11/10/2024	0328
7440-66-6	Zinc	130	D	11/10/2024	0328

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE513

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5F3

Matrix: SOIL Lab Sample ID: P4543-20

% Solids: 98.3 Date Received: 10/25/2024

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	11/10/2024	0333
7440-36-0	Antimony	1.6	JD	11/10/2024	0333
7440-38-2	Arsenic	41	D*	11/10/2024	0333
7440-39-3	Barium	180	D	11/10/2024	0333
7440-41-7	Beryllium	0.77	D	11/10/2024	0333
7440-43-9	Cadmium	1.2	D	11/10/2024	0333
7440-70-2	Calcium	2300	D	11/10/2024	0333
7440-47-3	Chromium	33	D	11/10/2024	0333
7440-48-4	Cobalt	20	D	11/10/2024	0333
7440-50-8	Copper	120	D	11/10/2024	0333
7439-89-6	Iron	40000	D	11/10/2024	0333
7439-92-1	Lead	56	D	11/10/2024	0333
7439-95-4	Magnesium	6400	D	11/10/2024	0333
7439-96-5	Manganese	1000	D	11/10/2024	0333
7440-02-0	Nickel	40	D	11/10/2024	0333
7440-09-7	Potassium	2700	D	11/10/2024	0333
7782-49-2	Selenium	5.4	UD	11/10/2024	0333
7440-22-4	Silver	1.5	UD	11/10/2024	0333
7440-23-5	Sodium	770	UD	11/10/2024	0333
7440-28-0	Thallium	3.8	UD	11/10/2024	0333
7440-62-2	Vanadium	82	D	11/10/2024	0333
7440-66-6	Zinc	120	D	11/10/2024	0333

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE514

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5F3

Matrix: SOIL Lab Sample ID: P4543-21

% Solids: 97.7 Date Received: 10/25/2024

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	11/10/2024	0337
7440-36-0	Antimony	2.0	JD	11/10/2024	0337
7440-38-2	Arsenic	46	D*	11/10/2024	0337
7440-39-3	Barium	230	D	11/10/2024	0337
7440-41-7	Beryllium	0.71	JD	11/10/2024	0337
7440-43-9	Cadmium	1.3	D	11/10/2024	0337
7440-70-2	Calcium	3100	D	11/10/2024	0337
7440-47-3	Chromium	30	D	11/10/2024	0337
7440-48-4	Cobalt	19	D	11/10/2024	0337
7440-50-8	Copper	140	D	11/10/2024	0337
7439-89-6	Iron	37000	D	11/10/2024	0337
7439-92-1	Lead	64	D	11/10/2024	0337
7439-95-4	Magnesium	6200	D	11/10/2024	0337
7439-96-5	Manganese	1300	D	11/10/2024	0337
7440-02-0	Nickel	36	D	11/10/2024	0337
7440-09-7	Potassium	2700	D	11/10/2024	0337
7782-49-2	Selenium	6.1	UD	11/10/2024	0337
7440-22-4	Silver	1.7	UD	11/10/2024	0337
7440-23-5	Sodium	870	UD	11/10/2024	0337
7440-28-0	Thallium	4.3	UD	11/10/2024	0337
7440-62-2	Vanadium	72	D	11/10/2024	0337
7440-66-6	Zinc	130	D	11/10/2024	0337

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE515

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5F3

Matrix: SOIL Lab Sample ID: P4543-22

% Solids: 95.4 Date Received: 10/25/2024

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	11/10/2024	0342
7440-36-0	Antimony	1.3	JD	11/10/2024	0342
7440-38-2	Arsenic	44	D*	11/10/2024	0342
7440-39-3	Barium	270	D	11/10/2024	0342
7440-41-7	Beryllium	0.70	JD	11/10/2024	0342
7440-43-9	Cadmium	0.46	JD	11/10/2024	0342
7440-70-2	Calcium	67000	D	11/10/2024	0342
7440-47-3	Chromium	35	D	11/10/2024	0342
7440-48-4	Cobalt	29	D	11/10/2024	0342
7440-50-8	Copper	52	D	11/10/2024	0342
7439-89-6	Iron	36000	D	11/10/2024	0342
7439-92-1	Lead	22	D	11/10/2024	0342
7439-95-4	Magnesium	7600	D	11/10/2024	0342
7439-96-5	Manganese	1500	D	11/10/2024	0342
7440-02-0	Nickel	52	D	11/10/2024	0342
7440-09-7	Potassium	3000	D	11/10/2024	0342
7782-49-2	Selenium	7.1	UD	11/10/2024	0342
7440-22-4	Silver	2.0	UD	11/10/2024	0342
7440-23-5	Sodium	1000	UD	11/10/2024	0342
7440-28-0	Thallium	5.1	UD	11/10/2024	0342
7440-62-2	Vanadium	70	D	11/10/2024	0342
7440-66-6	Zinc	72	D	11/10/2024	0342

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE5F3

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5F3

Matrix: SOIL Lab Sample ID: P4543-01

% Solids: 96.2 Date Received: 10/24/2024

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	11/10/2024	0155
7440-36-0	Antimony	1.7	JD	11/10/2024	0155
7440-38-2	Arsenic	44	D*	11/10/2024	0155
7440-39-3	Barium	190	D	11/10/2024	0155
7440-41-7	Beryllium	0.69	JD	11/10/2024	0155
7440-43-9	Cadmium	0.73	JD	11/10/2024	0155
7440-70-2	Calcium	5100	D	11/10/2024	0155
7440-47-3	Chromium	68	D	11/10/2024	0155
7440-48-4	Cobalt	25	D	11/10/2024	0155
7440-50-8	Copper	100	D	11/10/2024	0155
7439-89-6	Iron	43000	D	11/10/2024	0155
7439-92-1	Lead	33	D	11/10/2024	0155
7439-95-4	Magnesium	9400	D	11/10/2024	0155
7439-96-5	Manganese	1300	D	11/10/2024	0155
7440-02-0	Nickel	48	D	11/10/2024	0155
7440-09-7	Potassium	3200	D	11/10/2024	0155
7782-49-2	Selenium	5.4	UD	11/10/2024	0155
7440-22-4	Silver	1.5	UD	11/10/2024	0155
7440-23-5	Sodium	360	JD	11/10/2024	0155
7440-28-0	Thallium	3.8	UD	11/10/2024	0155
7440-62-2	Vanadium	86	D	11/10/2024	0155
7440-66-6	Zinc	100	D	11/10/2024	0155

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE5F4

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5F3

Matrix: SOIL Lab Sample ID: P4543-02

% Solids: 89.7 Date Received: 10/24/2024

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	19000	D	11/10/2024	0200
7440-36-0	Antimony	2.5	JD	11/10/2024	0200
7440-38-2	Arsenic	58	D*	11/10/2024	0200
7440-39-3	Barium	230	D	11/10/2024	0200
7440-41-7	Beryllium	0.97	D	11/10/2024	0200
7440-43-9	Cadmium	1.3	D	11/10/2024	0200
7440-70-2	Calcium	3800	D	11/10/2024	0200
7440-47-3	Chromium	46	D	11/10/2024	0200
7440-48-4	Cobalt	28	D	11/10/2024	0200
7440-50-8	Copper	150	D	11/10/2024	0200
7439-89-6	Iron	59000	D	11/10/2024	0200
7439-92-1	Lead	55	D	11/10/2024	0200
7439-95-4	Magnesium	7800	D	11/10/2024	0200
7439-96-5	Manganese	1600	D	11/10/2024	0200
7440-02-0	Nickel	47	D	11/10/2024	0200
7440-09-7	Potassium	2400	D	11/10/2024	0200
7782-49-2	Selenium	6.6	UD	11/10/2024	0200
7440-22-4	Silver	1.9	UD	11/10/2024	0200
7440-23-5	Sodium	360	JD	11/10/2024	0200
7440-28-0	Thallium	4.7	UD	11/10/2024	0200
7440-62-2	Vanadium	110	D	11/10/2024	0200
7440-66-6	Zinc	130	D	11/10/2024	0200

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE5F5

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5F3

Matrix: SOIL Lab Sample ID: P4543-03

% Solids: 96 Date Received: 10/24/2024

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	11/10/2024	0204
7440-36-0	Antimony	0.90	JD	11/10/2024	0204
7440-38-2	Arsenic	32	D*	11/10/2024	0204
7440-39-3	Barium	250	D	11/10/2024	0204
7440-41-7	Beryllium	0.75	JD	11/10/2024	0204
7440-43-9	Cadmium	0.75	JD	11/10/2024	0204
7440-70-2	Calcium	4100	D	11/10/2024	0204
7440-47-3	Chromium	40	D	11/10/2024	0204
7440-48-4	Cobalt	21	D	11/10/2024	0204
7440-50-8	Copper	83	D	11/10/2024	0204
7439-89-6	Iron	38000	D	11/10/2024	0204
7439-92-1	Lead	39	D	11/10/2024	0204
7439-95-4	Magnesium	6500	D	11/10/2024	0204
7439-96-5	Manganese	1800	D	11/10/2024	0204
7440-02-0	Nickel	38	D	11/10/2024	0204
7440-09-7	Potassium	2900	D	11/10/2024	0204
7782-49-2	Selenium	6.1	UD	11/10/2024	0204
7440-22-4	Silver	1.7	UD	11/10/2024	0204
7440-23-5	Sodium	180	JD	11/10/2024	0204
7440-28-0	Thallium	4.3	UD	11/10/2024	0204
7440-62-2	Vanadium	74	D	11/10/2024	0204
7440-66-6	Zinc	100	D	11/10/2024	0204

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE5F6

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5F3

Matrix: SOIL Lab Sample ID: P4543-06

% Solids: 94.9 Date Received: 10/24/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	29000	D	11/10/2024	0222
7440-36-0	Antimony	1.5	JD	11/10/2024	0222
7440-38-2	Arsenic	48	D*	11/10/2024	0222
7440-39-3	Barium	160	D	11/10/2024	0222
7440-41-7	Beryllium	0.66	JD	11/10/2024	0222
7440-43-9	Cadmium	0.60	JD	11/10/2024	0222
7440-70-2	Calcium	6100	D	11/10/2024	0222
7440-47-3	Chromium	110	D	11/10/2024	0222
7440-48-4	Cobalt	42	D	11/10/2024	0222
7440-50-8	Copper	130	D	11/10/2024	0222
7439-89-6	Iron	63000	D	11/10/2024	0222
7439-92-1	Lead	24	D	11/10/2024	0222
7439-95-4	Magnesium	18000	D	11/10/2024	0222
7439-96-5	Manganese	1500	D	11/10/2024	0222
7440-02-0	Nickel	79	D	11/10/2024	0222
7440-09-7	Potassium	1500	D	11/10/2024	0222
7782-49-2	Selenium	5.1	UD	11/10/2024	0222
7440-22-4	Silver	1.5	UD	11/10/2024	0222
7440-23-5	Sodium	220	JD	11/10/2024	0222
7440-28-0	Thallium	3.7	UD	11/10/2024	0222
7440-62-2	Vanadium	140	D	11/10/2024	0222
7440-66-6	Zinc	96	D	11/10/2024	0222

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE5F7

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5F3

Matrix: SOIL Lab Sample ID: P4543-07

% Solids: 96.5 Date Received: 10/24/2024

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	11/10/2024	0226
7440-36-0	Antimony	1.1	JD	11/10/2024	0226
7440-38-2	Arsenic	27	D*	11/10/2024	0226
7440-39-3	Barium	220	D	11/10/2024	0226
7440-41-7	Beryllium	0.77	JD	11/10/2024	0226
7440-43-9	Cadmium	0.85	D	11/10/2024	0226
7440-70-2	Calcium	3700	D	11/10/2024	0226
7440-47-3	Chromium	30	D	11/10/2024	0226
7440-48-4	Cobalt	20	D	11/10/2024	0226
7440-50-8	Copper	100	D	11/10/2024	0226
7439-89-6	Iron	33000	D	11/10/2024	0226
7439-92-1	Lead	58	D	11/10/2024	0226
7439-95-4	Magnesium	5500	D	11/10/2024	0226
7439-96-5	Manganese	1600	D	11/10/2024	0226
7440-02-0	Nickel	34	D	11/10/2024	0226
7440-09-7	Potassium	2800	D	11/10/2024	0226
7782-49-2	Selenium	5.7	UD	11/10/2024	0226
7440-22-4	Silver	1.6	UD	11/10/2024	0226
7440-23-5	Sodium	810	UD	11/10/2024	0226
7440-28-0	Thallium	4.1	UD	11/10/2024	0226
7440-62-2	Vanadium	64	D	11/10/2024	0226
7440-66-6	Zinc	97	D	11/10/2024	0226

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE5F8

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5F3

Matrix: SOIL Lab Sample ID: P4543-08

% Solids: 89.9 Date Received: 10/24/2024

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	11/10/2024	0231
7440-36-0	Antimony	1.4	JD	11/10/2024	0231
7440-38-2	Arsenic	50	D*	11/10/2024	0231
7440-39-3	Barium	380	D	11/10/2024	0231
7440-41-7	Beryllium	0.80	JD	11/10/2024	0231
7440-43-9	Cadmium	1.4	D	11/10/2024	0231
7440-70-2	Calcium	1900	D	11/10/2024	0231
7440-47-3	Chromium	39	D	11/10/2024	0231
7440-48-4	Cobalt	33	D	11/10/2024	0231
7440-50-8	Copper	130	D	11/10/2024	0231
7439-89-6	Iron	45000	D	11/10/2024	0231
7439-92-1	Lead	41	D	11/10/2024	0231
7439-95-4	Magnesium	6100	D	11/10/2024	0231
7439-96-5	Manganese	3600	D	11/10/2024	0231
7440-02-0	Nickel	53	D	11/10/2024	0231
7440-09-7	Potassium	2500	D	11/10/2024	0231
7782-49-2	Selenium	6.2	UD	11/10/2024	0231
7440-22-4	Silver	1.8	UD	11/10/2024	0231
7440-23-5	Sodium	200	JD	11/10/2024	0231
7440-28-0	Thallium	4.4	UD	11/10/2024	0231
7440-62-2	Vanadium	89	D	11/10/2024	0231
7440-66-6	Zinc	140	D	11/10/2024	0231

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE5F9

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5F3

Matrix: SOIL Lab Sample ID: P4543-09

% Solids: 93.6 Date Received: 10/24/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	22000	D	11/10/2024	0235
7440-36-0	Antimony	1.5	JD	11/10/2024	0235
7440-38-2	Arsenic	36	D*	11/10/2024	0235
7440-39-3	Barium	220	D	11/10/2024	0235
7440-41-7	Beryllium	0.78	JD	11/10/2024	0235
7440-43-9	Cadmium	0.24	JD	11/10/2024	0235
7440-70-2	Calcium	5200	D	11/10/2024	0235
7440-47-3	Chromium	69	D	11/10/2024	0235
7440-48-4	Cobalt	27	D	11/10/2024	0235
7440-50-8	Copper	71	D	11/10/2024	0235
7439-89-6	Iron	48000	D	11/10/2024	0235
7439-92-1	Lead	20	D	11/10/2024	0235
7439-95-4	Magnesium	12000	D	11/10/2024	0235
7439-96-5	Manganese	1400	D	11/10/2024	0235
7440-02-0	Nickel	56	D	11/10/2024	0235
7440-09-7	Potassium	1400	D	11/10/2024	0235
7782-49-2	Selenium	6.8	UD	11/10/2024	0235
7440-22-4	Silver	1.9	UD	11/10/2024	0235
7440-23-5	Sodium	970	UD	11/10/2024	0235
7440-28-0	Thallium	4.9	UD	11/10/2024	0235
7440-62-2	Vanadium	110	D	11/10/2024	0235
7440-66-6	Zinc	72	D	11/10/2024	0235

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE5G0

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5F3

Matrix: SOIL Lab Sample ID: P4543-10

% Solids: 96.7 Date Received: 10/24/2024

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	11/10/2024	0240
7440-36-0	Antimony	1.8	JD	11/10/2024	0240
7440-38-2	Arsenic	49	D*	11/10/2024	0240
7440-39-3	Barium	270	D	11/10/2024	0240
7440-41-7	Beryllium	0.74	JD	11/10/2024	0240
7440-43-9	Cadmium	1.4	D	11/10/2024	0240
7440-70-2	Calcium	2500	D	11/10/2024	0240
7440-47-3	Chromium	38	D	11/10/2024	0240
7440-48-4	Cobalt	25	D	11/10/2024	0240
7440-50-8	Copper	160	D	11/10/2024	0240
7439-89-6	Iron	46000	D	11/10/2024	0240
7439-92-1	Lead	65	D	11/10/2024	0240
7439-95-4	Magnesium	6300	D	11/10/2024	0240
7439-96-5	Manganese	2500	D	11/10/2024	0240
7440-02-0	Nickel	40	D	11/10/2024	0240
7440-09-7	Potassium	2700	D	11/10/2024	0240
7782-49-2	Selenium	6.8	UD	11/10/2024	0240
7440-22-4	Silver	2.0	UD	11/10/2024	0240
7440-23-5	Sodium	980	UD	11/10/2024	0240
7440-28-0	Thallium	4.9	UD	11/10/2024	0240
7440-62-2	Vanadium	90	D	11/10/2024	0240
7440-66-6	Zinc	140	D	11/10/2024	0240

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE5G2

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5F3

Matrix: SOIL Lab Sample ID: P4543-11

% Solids: 96.2 Date Received: 10/24/2024

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	11/10/2024	0244
7440-36-0	Antimony	1.8	JD	11/10/2024	0244
7440-38-2	Arsenic	42	D*	11/10/2024	0244
7440-39-3	Barium	280	D	11/10/2024	0244
7440-41-7	Beryllium	0.80	D	11/10/2024	0244
7440-43-9	Cadmium	0.91	D	11/10/2024	0244
7440-70-2	Calcium	3200	D	11/10/2024	0244
7440-47-3	Chromium	39	D	11/10/2024	0244
7440-48-4	Cobalt	25	D	11/10/2024	0244
7440-50-8	Copper	94	D	11/10/2024	0244
7439-89-6	Iron	46000	D	11/10/2024	0244
7439-92-1	Lead	40	D	11/10/2024	0244
7439-95-4	Magnesium	6500	D	11/10/2024	0244
7439-96-5	Manganese	2300	D	11/10/2024	0244
7440-02-0	Nickel	42	D	11/10/2024	0244
7440-09-7	Potassium	2900	D	11/10/2024	0244
7782-49-2	Selenium	4.9	UD	11/10/2024	0244
7440-22-4	Silver	1.4	UD	11/10/2024	0244
7440-23-5	Sodium	700	UD	11/10/2024	0244
7440-28-0	Thallium	3.5	UD	11/10/2024	0244
7440-62-2	Vanadium	90	D	11/10/2024	0244
7440-66-6	Zinc	120	D	11/10/2024	0244

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE5G3

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5F3

Matrix: SOIL Lab Sample ID: P4543-12

% Solids: 96.2 Date Received: 10/24/2024

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	11/10/2024	0248
7440-36-0	Antimony	1.8	JD	11/10/2024	0248
7440-38-2	Arsenic	79	D*	11/10/2024	0248
7440-39-3	Barium	300	D	11/10/2024	0248
7440-41-7	Beryllium	0.80	JD	11/10/2024	0248
7440-43-9	Cadmium	1.7	D	11/10/2024	0248
7440-70-2	Calcium	2900	D	11/10/2024	0248
7440-47-3	Chromium	39	D	11/10/2024	0248
7440-48-4	Cobalt	26	D	11/10/2024	0248
7440-50-8	Copper	170	D	11/10/2024	0248
7439-89-6	Iron	50000	D	11/10/2024	0248
7439-92-1	Lead	74	D	11/10/2024	0248
7439-95-4	Magnesium	6400	D	11/10/2024	0248
7439-96-5	Manganese	2500	D	11/10/2024	0248
7440-02-0	Nickel	45	D	11/10/2024	0248
7440-09-7	Potassium	2600	D	11/10/2024	0248
7782-49-2	Selenium	6.1	UD	11/10/2024	0248
7440-22-4	Silver	1.7	UD	11/10/2024	0248
7440-23-5	Sodium	870	UD	11/10/2024	0248
7440-28-0	Thallium	4.3	UD	11/10/2024	0248
7440-62-2	Vanadium	99	D	11/10/2024	0248
7440-66-6	Zinc	150	D	11/10/2024	0248

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

Comments: