

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE531

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE531

Matrix: SOIL Lab Sample ID: P4570-01

% Solids: 96 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	23000	D	11/11/2024	0127
7440-36-0	Antimony	10	UD	11/11/2024	0127
7440-38-2	Arsenic	38	D	11/11/2024	0127
7440-39-3	Barium	240	D	11/11/2024	0127
7440-41-7	Beryllium	1.1	D	11/11/2024	0127
7440-43-9	Cadmium	1.5	D	11/11/2024	0127
7440-70-2	Calcium	24000	D	11/11/2024	0127
7440-47-3	Chromium	45	D	11/11/2024	0127
7440-48-4	Cobalt	25	D	11/11/2024	0127
7440-50-8	Copper	85	D	11/11/2024	0127
7439-89-6	Iron	43000	D	11/11/2024	0127
7439-92-1	Lead	33	D	11/11/2024	0127
7439-95-4	Magnesium	9000	D	11/11/2024	0127
7439-96-5	Manganese	1200	D	11/11/2024	0127
7440-02-0	Nickel	55	D	11/11/2024	0127
7440-09-7	Potassium	3800	D	11/11/2024	0127
7782-49-2	Selenium	5.9	UD	11/11/2024	0127
7440-22-4	Silver	1.7	UD	11/11/2024	0127
7440-23-5	Sodium	290	JD	11/11/2024	0127
7440-28-0	Thallium	4.2	UD	11/11/2024	0127
7440-62-2	Vanadium	79	D	11/11/2024	0127
7440-66-6	Zinc	100	D	11/11/2024	0127

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE537

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE531

Matrix: SOIL Lab Sample ID: P4570-04

% Solids: 95.8 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	13000	D	11/11/2024	0145
7440-36-0	Antimony	11	UD	11/11/2024	0145
7440-38-2	Arsenic	20	D	11/11/2024	0145
7440-39-3	Barium	130	D	11/11/2024	0145
7440-41-7	Beryllium	0.62	JD	11/11/2024	0145
7440-43-9	Cadmium	1.0	D	11/11/2024	0145
7440-70-2	Calcium	4100	D	11/11/2024	0145
7440-47-3	Chromium	22	D	11/11/2024	0145
7440-48-4	Cobalt	15	D	11/11/2024	0145
7440-50-8	Copper	90	D	11/11/2024	0145
7439-89-6	Iron	28000	D	11/11/2024	0145
7439-92-1	Lead	24	D	11/11/2024	0145
7439-95-4	Magnesium	5100	D	11/11/2024	0145
7439-96-5	Manganese	710	D	11/11/2024	0145
7440-02-0	Nickel	23	D	11/11/2024	0145
7440-09-7	Potassium	3200	D	11/11/2024	0145
7782-49-2	Selenium	6.3	UD	11/11/2024	0145
7440-22-4	Silver	1.8	UD	11/11/2024	0145
7440-23-5	Sodium	900	UD	11/11/2024	0145
7440-28-0	Thallium	4.5	UD	11/11/2024	0145
7440-62-2	Vanadium	45	D	11/11/2024	0145
7440-66-6	Zinc	83	D	11/11/2024	0145

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE538

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE531

Matrix: SOIL Lab Sample ID: P4570-05

% Solids: 91 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	10000	D	11/11/2024	0149
7440-36-0	Antimony	0.96	JD	11/11/2024	0149
7440-38-2	Arsenic	14	D	11/11/2024	0149
7440-39-3	Barium	140	D	11/11/2024	0149
7440-41-7	Beryllium	0.49	JD	11/11/2024	0149
7440-43-9	Cadmium	0.75	JD	11/11/2024	0149
7440-70-2	Calcium	9800	D	11/11/2024	0149
7440-47-3	Chromium	18	D	11/11/2024	0149
7440-48-4	Cobalt	12	D	11/11/2024	0149
7440-50-8	Copper	58	D	11/11/2024	0149
7439-89-6	Iron	24000	D	11/11/2024	0149
7439-92-1	Lead	20	D	11/11/2024	0149
7439-95-4	Magnesium	4900	D	11/11/2024	0149
7439-96-5	Manganese	650	D	11/11/2024	0149
7440-02-0	Nickel	19	D	11/11/2024	0149
7440-09-7	Potassium	2800	D	11/11/2024	0149
7782-49-2	Selenium	6.2	UD	11/11/2024	0149
7440-22-4	Silver	1.8	UD	11/11/2024	0149
7440-23-5	Sodium	190	JD	11/11/2024	0149
7440-28-0	Thallium	4.4	UD	11/11/2024	0149
7440-62-2	Vanadium	37	D	11/11/2024	0149
7440-66-6	Zinc	81	D	11/11/2024	0149

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE539

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE531

Matrix: SOIL Lab Sample ID: P4570-06

% Solids: 75.6 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	11/11/2024	0154
7440-36-0	Antimony	12	UD	11/11/2024	0154
7440-38-2	Arsenic	17	D	11/11/2024	0154
7440-39-3	Barium	120	D	11/11/2024	0154
7440-41-7	Beryllium	0.57	JD	11/11/2024	0154
7440-43-9	Cadmium	0.65	JD	11/11/2024	0154
7440-70-2	Calcium	14000	D	11/11/2024	0154
7440-47-3	Chromium	28	D	11/11/2024	0154
7440-48-4	Cobalt	14	D	11/11/2024	0154
7440-50-8	Copper	45	D	11/11/2024	0154
7439-89-6	Iron	26000	D	11/11/2024	0154
7439-92-1	Lead	15	D	11/11/2024	0154
7439-95-4	Magnesium	7800	D	11/11/2024	0154
7439-96-5	Manganese	600	D	11/11/2024	0154
7440-02-0	Nickel	33	D	11/11/2024	0154
7440-09-7	Potassium	2200	D	11/11/2024	0154
7782-49-2	Selenium	6.8	UD	11/11/2024	0154
7440-22-4	Silver	1.9	UD	11/11/2024	0154
7440-23-5	Sodium	370	JD	11/11/2024	0154
7440-28-0	Thallium	4.8	UD	11/11/2024	0154
7440-62-2	Vanadium	48	D	11/11/2024	0154
7440-66-6	Zinc	75	D	11/11/2024	0154

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE540

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE531

Matrix: SOIL Lab Sample ID: P4570-07

% 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	9900	D	11/11/2024	0158
7440-36-0	Antimony	9.2	UD	11/11/2024	0158
7440-38-2	Arsenic	64	D	11/11/2024	0158
7440-39-3	Barium	140	D	11/11/2024	0158
7440-41-7	Beryllium	0.57	JD	11/11/2024	0158
7440-43-9	Cadmium	0.68	JD	11/11/2024	0158
7440-70-2	Calcium	31000	D	11/11/2024	0158
7440-47-3	Chromium	40	D	11/11/2024	0158
7440-48-4	Cobalt	13	D	11/11/2024	0158
7440-50-8	Copper	30	D	11/11/2024	0158
7439-89-6	Iron	24000	D	11/11/2024	0158
7439-92-1	Lead	17	D	11/11/2024	0158
7439-95-4	Magnesium	6000	D	11/11/2024	0158
7439-96-5	Manganese	1100	D	11/11/2024	0158
7440-02-0	Nickel	35	D	11/11/2024	0158
7440-09-7	Potassium	1600	D	11/11/2024	0158
7782-49-2	Selenium	5.3	UD	11/11/2024	0158
7440-22-4	Silver	1.5	UD	11/11/2024	0158
7440-23-5	Sodium	380	JD	11/11/2024	0158
7440-28-0	Thallium	3.8	UD	11/11/2024	0158
7440-62-2	Vanadium	39	D	11/11/2024	0158
7440-66-6	Zinc	62	D	11/11/2024	0158

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE541

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE531

Matrix: SOIL Lab Sample ID: P4570-08

% Solids: 99.3 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	12000	D	11/11/2024	0203
7440-36-0	Antimony	11	UD	11/11/2024	0203
7440-38-2	Arsenic	22	D	11/11/2024	0203
7440-39-3	Barium	120	D	11/11/2024	0203
7440-41-7	Beryllium	0.60	JD	11/11/2024	0203
7440-43-9	Cadmium	1.0	D	11/11/2024	0203
7440-70-2	Calcium	2100	D	11/11/2024	0203
7440-47-3	Chromium	30	D	11/11/2024	0203
7440-48-4	Cobalt	13	D	11/11/2024	0203
7440-50-8	Copper	66	D	11/11/2024	0203
7439-89-6	Iron	28000	D	11/11/2024	0203
7439-92-1	Lead	25	D	11/11/2024	0203
7439-95-4	Magnesium	4600	D	11/11/2024	0203
7439-96-5	Manganese	620	D	11/11/2024	0203
7440-02-0	Nickel	25	D	11/11/2024	0203
7440-09-7	Potassium	2400	D	11/11/2024	0203
7782-49-2	Selenium	6.1	UD	11/11/2024	0203
7440-22-4	Silver	1.8	UD	11/11/2024	0203
7440-23-5	Sodium	880	UD	11/11/2024	0203
7440-28-0	Thallium	4.4	UD	11/11/2024	0203
7440-62-2	Vanadium	47	D	11/11/2024	0203
7440-66-6	Zinc	88	D	11/11/2024	0203

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE542

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE531

Matrix: SOIL Lab Sample ID: P4570-09

% Solids: 96.2 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	11000	D	11/11/2024	0207
7440-36-0	Antimony	1.0	JD	11/11/2024	0207
7440-38-2	Arsenic	18	D	11/11/2024	0207
7440-39-3	Barium	120	D	11/11/2024	0207
7440-41-7	Beryllium	0.53	JD	11/11/2024	0207
7440-43-9	Cadmium	0.73	JD	11/11/2024	0207
7440-70-2	Calcium	4500	D	11/11/2024	0207
7440-47-3	Chromium	23	D	11/11/2024	0207
7440-48-4	Cobalt	13	D	11/11/2024	0207
7440-50-8	Copper	49	D	11/11/2024	0207
7439-89-6	Iron	26000	D	11/11/2024	0207
7439-92-1	Lead	19	D	11/11/2024	0207
7439-95-4	Magnesium	4900	D	11/11/2024	0207
7439-96-5	Manganese	580	D	11/11/2024	0207
7440-02-0	Nickel	20	D	11/11/2024	0207
7440-09-7	Potassium	2600	D	11/11/2024	0207
7782-49-2	Selenium	6.0	UD	11/11/2024	0207
7440-22-4	Silver	1.7	UD	11/11/2024	0207
7440-23-5	Sodium	210	JD	11/11/2024	0207
7440-28-0	Thallium	4.3	UD	11/11/2024	0207
7440-62-2	Vanadium	39	D	11/11/2024	0207
7440-66-6	Zinc	74	D	11/11/2024	0207

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE563

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE531

Matrix: SOIL Lab Sample ID: P4570-10

% Solids: 97.4 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	11/11/2024	0212
7440-36-0	Antimony	1.2	JD	11/11/2024	0212
7440-38-2	Arsenic	50	D	11/11/2024	0212
7440-39-3	Barium	260	D	11/11/2024	0212
7440-41-7	Beryllium	0.98	D	11/11/2024	0212
7440-43-9	Cadmium	1.5	D	11/11/2024	0212
7440-70-2	Calcium	6900	D	11/11/2024	0212
7440-47-3	Chromium	48	D	11/11/2024	0212
7440-48-4	Cobalt	33	D	11/11/2024	0212
7440-50-8	Copper	66	D	11/11/2024	0212
7439-89-6	Iron	55000	D	11/11/2024	0212
7439-92-1	Lead	48	D	11/11/2024	0212
7439-95-4	Magnesium	9700	D	11/11/2024	0212
7439-96-5	Manganese	1600	D	11/11/2024	0212
7440-02-0	Nickel	61	D	11/11/2024	0212
7440-09-7	Potassium	2900	D	11/11/2024	0212
7782-49-2	Selenium	6.4	UD	11/11/2024	0212
7440-22-4	Silver	1.8	UD	11/11/2024	0212
7440-23-5	Sodium	290	JD	11/11/2024	0212
7440-28-0	Thallium	4.5	UD	11/11/2024	0212
7440-62-2	Vanadium	120	D	11/11/2024	0212
7440-66-6	Zinc	110	D	11/11/2024	0212

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE564

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE531

Matrix: SOIL Lab Sample ID: P4570-11

% Solids: 97.2 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	17000	D	11/11/2024	0216
7440-36-0	Antimony	1.7	JD	11/11/2024	0216
7440-38-2	Arsenic	42	D	11/11/2024	0216
7440-39-3	Barium	190	D	11/11/2024	0216
7440-41-7	Beryllium	0.86	D	11/11/2024	0216
7440-43-9	Cadmium	1.3	D	11/11/2024	0216
7440-70-2	Calcium	3000	D	11/11/2024	0216
7440-47-3	Chromium	49	D	11/11/2024	0216
7440-48-4	Cobalt	22	D	11/11/2024	0216
7440-50-8	Copper	54	D	11/11/2024	0216
7439-89-6	Iron	47000	D	11/11/2024	0216
7439-92-1	Lead	24	D	11/11/2024	0216
7439-95-4	Magnesium	9200	D	11/11/2024	0216
7439-96-5	Manganese	1000	D	11/11/2024	0216
7440-02-0	Nickel	54	D	11/11/2024	0216
7440-09-7	Potassium	2500	D	11/11/2024	0216
7782-49-2	Selenium	5.7	UD	11/11/2024	0216
7440-22-4	Silver	1.6	UD	11/11/2024	0216
7440-23-5	Sodium	220	JD	11/11/2024	0216
7440-28-0	Thallium	4.1	UD	11/11/2024	0216
7440-62-2	Vanadium	94	D	11/11/2024	0216
7440-66-6	Zinc	84	D	11/11/2024	0216

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE565

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE531

Matrix: SOIL Lab Sample ID: P4570-12

% 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	11/11/2024	0221
7440-36-0	Antimony	1.1	JD	11/11/2024	0221
7440-38-2	Arsenic	35	D	11/11/2024	0221
7440-39-3	Barium	190	D	11/11/2024	0221
7440-41-7	Beryllium	0.79	JD	11/11/2024	0221
7440-43-9	Cadmium	1.3	D	11/11/2024	0221
7440-70-2	Calcium	3000	D	11/11/2024	0221
7440-47-3	Chromium	40	D	11/11/2024	0221
7440-48-4	Cobalt	21	D	11/11/2024	0221
7440-50-8	Copper	60	D	11/11/2024	0221
7439-89-6	Iron	41000	D	11/11/2024	0221
7439-92-1	Lead	27	D	11/11/2024	0221
7439-95-4	Magnesium	7400	D	11/11/2024	0221
7439-96-5	Manganese	980	D	11/11/2024	0221
7440-02-0	Nickel	46	D	11/11/2024	0221
7440-09-7	Potassium	3000	D	11/11/2024	0221
7782-49-2	Selenium	6.1	UD	11/11/2024	0221
7440-22-4	Silver	1.8	UD	11/11/2024	0221
7440-23-5	Sodium	210	JD	11/11/2024	0221
7440-28-0	Thallium	4.4	UD	11/11/2024	0221
7440-62-2	Vanadium	76	D	11/11/2024	0221
7440-66-6	Zinc	94	D	11/11/2024	0221

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE566

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE531

Matrix: SOIL Lab Sample ID: P4570-13

% 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	14000	D	11/11/2024	0225
7440-36-0	Antimony	0.81	JD	11/11/2024	0225
7440-38-2	Arsenic	54	D	11/11/2024	0225
7440-39-3	Barium	180	D	11/11/2024	0225
7440-41-7	Beryllium	0.82	JD	11/11/2024	0225
7440-43-9	Cadmium	1.5	D	11/11/2024	0225
7440-70-2	Calcium	2200	D	11/11/2024	0225
7440-47-3	Chromium	36	D	11/11/2024	0225
7440-48-4	Cobalt	21	D	11/11/2024	0225
7440-50-8	Copper	73	D	11/11/2024	0225
7439-89-6	Iron	44000	D	11/11/2024	0225
7439-92-1	Lead	36	D	11/11/2024	0225
7439-95-4	Magnesium	7300	D	11/11/2024	0225
7439-96-5	Manganese	1000	D	11/11/2024	0225
7440-02-0	Nickel	45	D	11/11/2024	0225
7440-09-7	Potassium	2500	D	11/11/2024	0225
7782-49-2	Selenium	5.8	UD	11/11/2024	0225
7440-22-4	Silver	1.7	UD	11/11/2024	0225
7440-23-5	Sodium	220	JD	11/11/2024	0225
7440-28-0	Thallium	4.2	UD	11/11/2024	0225
7440-62-2	Vanadium	83	D	11/11/2024	0225
7440-66-6	Zinc	97	D	11/11/2024	0225

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE567

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE531

Matrix: SOIL Lab Sample ID: P4570-14

% Solids: 97.3 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	11/11/2024	0230
7440-36-0	Antimony	1.4	JD	11/11/2024	0230
7440-38-2	Arsenic	43	D	11/11/2024	0230
7440-39-3	Barium	220	D	11/11/2024	0230
7440-41-7	Beryllium	0.81	JD	11/11/2024	0230
7440-43-9	Cadmium	1.6	D	11/11/2024	0230
7440-70-2	Calcium	2200	D	11/11/2024	0230
7440-47-3	Chromium	39	D	11/11/2024	0230
7440-48-4	Cobalt	23	D	11/11/2024	0230
7440-50-8	Copper	79	D	11/11/2024	0230
7439-89-6	Iron	43000	D	11/11/2024	0230
7439-92-1	Lead	40	D	11/11/2024	0230
7439-95-4	Magnesium	7800	D	11/11/2024	0230
7439-96-5	Manganese	1500	D	11/11/2024	0230
7440-02-0	Nickel	50	D	11/11/2024	0230
7440-09-7	Potassium	2600	D	11/11/2024	0230
7782-49-2	Selenium	6.5	UD	11/11/2024	0230
7440-22-4	Silver	1.9	UD	11/11/2024	0230
7440-23-5	Sodium	240	JD	11/11/2024	0230
7440-28-0	Thallium	4.7	UD	11/11/2024	0230
7440-62-2	Vanadium	80	D	11/11/2024	0230
7440-66-6	Zinc	100	D	11/11/2024	0230

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE568

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE531

Matrix: SOIL Lab Sample ID: P4570-15

% Solids: 96.7 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	15000	D	11/11/2024	0234
7440-36-0	Antimony	0.88	JD	11/11/2024	0234
7440-38-2	Arsenic	40	D	11/11/2024	0234
7440-39-3	Barium	220	D	11/11/2024	0234
7440-41-7	Beryllium	0.84	JD	11/11/2024	0234
7440-43-9	Cadmium	1.3	D	11/11/2024	0234
7440-70-2	Calcium	7900	D	11/11/2024	0234
7440-47-3	Chromium	39	D	11/11/2024	0234
7440-48-4	Cobalt	25	D	11/11/2024	0234
7440-50-8	Copper	65	D	11/11/2024	0234
7439-89-6	Iron	41000	D	11/11/2024	0234
7439-92-1	Lead	27	D	11/11/2024	0234
7439-95-4	Magnesium	7800	D	11/11/2024	0234
7439-96-5	Manganese	1300	D	11/11/2024	0234
7440-02-0	Nickel	49	D	11/11/2024	0234
7440-09-7	Potassium	3000	D	11/11/2024	0234
7782-49-2	Selenium	6.3	UD	11/11/2024	0234
7440-22-4	Silver	1.8	UD	11/11/2024	0234
7440-23-5	Sodium	180	JD	11/11/2024	0234
7440-28-0	Thallium	4.5	UD	11/11/2024	0234
7440-62-2	Vanadium	80	D	11/11/2024	0234
7440-66-6	Zinc	86	D	11/11/2024	0234

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE569

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE531

Matrix: SOIL Lab Sample ID: P4570-16

% Solids: 97.5 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	11/11/2024	0238
7440-36-0	Antimony	10	UD	11/11/2024	0238
7440-38-2	Arsenic	35	D	11/11/2024	0238
7440-39-3	Barium	180	D	11/11/2024	0238
7440-41-7	Beryllium	0.79	JD	11/11/2024	0238
7440-43-9	Cadmium	1.3	D	11/11/2024	0238
7440-70-2	Calcium	2700	D	11/11/2024	0238
7440-47-3	Chromium	35	D	11/11/2024	0238
7440-48-4	Cobalt	21	D	11/11/2024	0238
7440-50-8	Copper	78	D	11/11/2024	0238
7439-89-6	Iron	37000	D	11/11/2024	0238
7439-92-1	Lead	32	D	11/11/2024	0238
7439-95-4	Magnesium	7200	D	11/11/2024	0238
7439-96-5	Manganese	950	D	11/11/2024	0238
7440-02-0	Nickel	44	D	11/11/2024	0238
7440-09-7	Potassium	2800	D	11/11/2024	0238
7782-49-2	Selenium	5.9	UD	11/11/2024	0238
7440-22-4	Silver	1.7	UD	11/11/2024	0238
7440-23-5	Sodium	200	JD	11/11/2024	0238
7440-28-0	Thallium	4.2	UD	11/11/2024	0238
7440-62-2	Vanadium	69	D	11/11/2024	0238
7440-66-6	Zinc	100	D	11/11/2024	0238

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE570

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE531

Matrix: SOIL Lab Sample ID: P4570-17

% Solids: 96.7 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	17000	D	11/11/2024	0243
7440-36-0	Antimony	1.1	JD	11/11/2024	0243
7440-38-2	Arsenic	57	D	11/11/2024	0243
7440-39-3	Barium	220	D	11/11/2024	0243
7440-41-7	Beryllium	0.91	D	11/11/2024	0243
7440-43-9	Cadmium	1.6	D	11/11/2024	0243
7440-70-2	Calcium	3400	D	11/11/2024	0243
7440-47-3	Chromium	45	D	11/11/2024	0243
7440-48-4	Cobalt	24	D	11/11/2024	0243
7440-50-8	Copper	71	D	11/11/2024	0243
7439-89-6	Iron	48000	D	11/11/2024	0243
7439-92-1	Lead	32	D	11/11/2024	0243
7439-95-4	Magnesium	8100	D	11/11/2024	0243
7439-96-5	Manganese	1100	D	11/11/2024	0243
7440-02-0	Nickel	52	D	11/11/2024	0243
7440-09-7	Potassium	3300	D	11/11/2024	0243
7782-49-2	Selenium	5.5	UD	11/11/2024	0243
7440-22-4	Silver	1.6	UD	11/11/2024	0243
7440-23-5	Sodium	170	JD	11/11/2024	0243
7440-28-0	Thallium	4.0	UD	11/11/2024	0243
7440-62-2	Vanadium	89	D	11/11/2024	0243
7440-66-6	Zinc	120	D	11/11/2024	0243

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE571

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE531

Matrix: SOIL Lab Sample ID: P4570-18

% Solids: 96.9 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	17000	D	11/11/2024	0247
7440-36-0	Antimony	2.5	JD	11/11/2024	0247
7440-38-2	Arsenic	290	D	11/11/2024	0247
7440-39-3	Barium	280	D	11/11/2024	0247
7440-41-7	Beryllium	0.98	D	11/11/2024	0247
7440-43-9	Cadmium	2.2	D	11/11/2024	0247
7440-70-2	Calcium	3200	D	11/11/2024	0247
7440-47-3	Chromium	43	D	11/11/2024	0247
7440-48-4	Cobalt	32	D	11/11/2024	0247
7440-50-8	Copper	82	D	11/11/2024	0247
7439-89-6	Iron	55000	D	11/11/2024	0247
7439-92-1	Lead	39	D	11/11/2024	0247
7439-95-4	Magnesium	8300	D	11/11/2024	0247
7439-96-5	Manganese	1900	D	11/11/2024	0247
7440-02-0	Nickel	60	D	11/11/2024	0247
7440-09-7	Potassium	3100	D	11/11/2024	0247
7782-49-2	Selenium	5.7	UD	11/11/2024	0247
7440-22-4	Silver	1.6	UD	11/11/2024	0247
7440-23-5	Sodium	250	JD	11/11/2024	0247
7440-28-0	Thallium	4.1	UD	11/11/2024	0247
7440-62-2	Vanadium	93	D	11/11/2024	0247
7440-66-6	Zinc	130	D	11/11/2024	0247

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE572

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE531

Matrix: SOIL Lab Sample ID: P4570-19

% 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	17000	D	11/11/2024	0300
7440-36-0	Antimony	1.2	JD	11/11/2024	0300
7440-38-2	Arsenic	43	D	11/11/2024	0300
7440-39-3	Barium	180	D	11/11/2024	0300
7440-41-7	Beryllium	0.82	JD	11/11/2024	0300
7440-43-9	Cadmium	1.3	D	11/11/2024	0300
7440-70-2	Calcium	6600	D	11/11/2024	0300
7440-47-3	Chromium	37	D	11/11/2024	0300
7440-48-4	Cobalt	23	D	11/11/2024	0300
7440-50-8	Copper	61	D	11/11/2024	0300
7439-89-6	Iron	45000	D	11/11/2024	0300
7439-92-1	Lead	29	D	11/11/2024	0300
7439-95-4	Magnesium	8800	D	11/11/2024	0300
7439-96-5	Manganese	830	D	11/11/2024	0300
7440-02-0	Nickel	50	D	11/11/2024	0300
7440-09-7	Potassium	2600	D	11/11/2024	0300
7782-49-2	Selenium	5.8	UD	11/11/2024	0300
7440-22-4	Silver	1.7	UD	11/11/2024	0300
7440-23-5	Sodium	190	JD	11/11/2024	0300
7440-28-0	Thallium	4.1	UD	11/11/2024	0300
7440-62-2	Vanadium	97	D	11/11/2024	0300
7440-66-6	Zinc	93	D	11/11/2024	0300

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE573

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE531

Matrix: SOIL Lab Sample ID: P4570-20

% Solids: 96.9 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	16000	D	11/11/2024	0305
7440-36-0	Antimony	0.91	JD	11/11/2024	0305
7440-38-2	Arsenic	52	D	11/11/2024	0305
7440-39-3	Barium	220	D	11/11/2024	0305
7440-41-7	Beryllium	0.91	D	11/11/2024	0305
7440-43-9	Cadmium	1.5	D	11/11/2024	0305
7440-70-2	Calcium	3300	D	11/11/2024	0305
7440-47-3	Chromium	39	D	11/11/2024	0305
7440-48-4	Cobalt	24	D	11/11/2024	0305
7440-50-8	Copper	76	D	11/11/2024	0305
7439-89-6	Iron	43000	D	11/11/2024	0305
7439-92-1	Lead	33	D	11/11/2024	0305
7439-95-4	Magnesium	8400	D	11/11/2024	0305
7439-96-5	Manganese	990	D	11/11/2024	0305
7440-02-0	Nickel	53	D	11/11/2024	0305
7440-09-7	Potassium	2900	D	11/11/2024	0305
7782-49-2	Selenium	5.5	UD	11/11/2024	0305
7440-22-4	Silver	1.6	UD	11/11/2024	0305
7440-23-5	Sodium	200	JD	11/11/2024	0305
7440-28-0	Thallium	3.9	UD	11/11/2024	0305
7440-62-2	Vanadium	80	D	11/11/2024	0305
7440-66-6	Zinc	100	D	11/11/2024	0305

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE574

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE531

Matrix: SOIL Lab Sample ID: P4570-21

% Solids: 94.6 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	23000	D	11/11/2024	0309
7440-36-0	Antimony	11	UD	11/11/2024	0309
7440-38-2	Arsenic	52	D	11/11/2024	0309
7440-39-3	Barium	280	D	11/11/2024	0309
7440-41-7	Beryllium	1.1	D	11/11/2024	0309
7440-43-9	Cadmium	1.2	D	11/11/2024	0309
7440-70-2	Calcium	10000	D	11/11/2024	0309
7440-47-3	Chromium	45	D	11/11/2024	0309
7440-48-4	Cobalt	28	D	11/11/2024	0309
7440-50-8	Copper	60	D	11/11/2024	0309
7439-89-6	Iron	47000	D	11/11/2024	0309
7439-92-1	Lead	25	D	11/11/2024	0309
7439-95-4	Magnesium	10000	D	11/11/2024	0309
7439-96-5	Manganese	1100	D	11/11/2024	0309
7440-02-0	Nickel	61	D	11/11/2024	0309
7440-09-7	Potassium	3200	D	11/11/2024	0309
7782-49-2	Selenium	6.7	UD	11/11/2024	0309
7440-22-4	Silver	1.9	UD	11/11/2024	0309
7440-23-5	Sodium	230	JD	11/11/2024	0309
7440-28-0	Thallium	4.8	UD	11/11/2024	0309
7440-62-2	Vanadium	94	D	11/11/2024	0309
7440-66-6	Zinc	80	D	11/11/2024	0309

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE575

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE531

Matrix: SOIL Lab Sample ID: P4570-22

% Solids: 95.6 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	24000	D	11/11/2024	0314
7440-36-0	Antimony	11	UD	11/11/2024	0314
7440-38-2	Arsenic	47	D	11/11/2024	0314
7440-39-3	Barium	310	D	11/11/2024	0314
7440-41-7	Beryllium	1.1	D	11/11/2024	0314
7440-43-9	Cadmium	1.3	D	11/11/2024	0314
7440-70-2	Calcium	10000	D	11/11/2024	0314
7440-47-3	Chromium	49	D	11/11/2024	0314
7440-48-4	Cobalt	28	D	11/11/2024	0314
7440-50-8	Copper	61	D	11/11/2024	0314
7439-89-6	Iron	49000	D	11/11/2024	0314
7439-92-1	Lead	25	D	11/11/2024	0314
7439-95-4	Magnesium	11000	D	11/11/2024	0314
7439-96-5	Manganese	1300	D	11/11/2024	0314
7440-02-0	Nickel	67	D	11/11/2024	0314
7440-09-7	Potassium	3600	D	11/11/2024	0314
7782-49-2	Selenium	6.4	UD	11/11/2024	0314
7440-22-4	Silver	1.8	UD	11/11/2024	0314
7440-23-5	Sodium	250	JD	11/11/2024	0314
7440-28-0	Thallium	4.6	UD	11/11/2024	0314
7440-62-2	Vanadium	98	D	11/11/2024	0314
7440-66-6	Zinc	91	D	11/11/2024	0314

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

Comments: