

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE470

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE470

Matrix: SOIL Lab Sample ID: P4479-01

% 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	17000	D	10/26/2024	2229
7440-36-0	Antimony	1.6	JD	10/26/2024	2229
7440-38-2	Arsenic	41	D	10/26/2024	2229
7440-39-3	Barium	180	D	10/26/2024	2229
7440-41-7	Beryllium	0.96	D	10/26/2024	2229
7440-43-9	Cadmium	0.63	JD	10/26/2024	2229
7440-70-2	Calcium	11000	D	10/26/2024	2229
7440-47-3	Chromium	37	D	10/26/2024	2229
7440-48-4	Cobalt	22	D	10/26/2024	2229
7440-50-8	Copper	100	D	10/26/2024	2229
7439-89-6	Iron	41000	D	10/26/2024	2229
7439-92-1	Lead	35	D	10/26/2024	2229
7439-95-4	Magnesium	8400	D	10/26/2024	2229
7439-96-5	Manganese	1000	D	10/26/2024	2229
7440-02-0	Nickel	40	D	10/26/2024	2229
7440-09-7	Potassium	3800	D	10/26/2024	2229
7782-49-2	Selenium	5.5	UD	10/26/2024	2229
7440-22-4	Silver	1.6	UD	10/26/2024	2229
7440-23-5	Sodium	210	JD	10/26/2024	2229
7440-28-0	Thallium	4.0	UD	10/26/2024	2229
7440-62-2	Vanadium	76	D*	10/26/2024	2229
7440-66-6	Zinc	90	D	10/26/2024	2229

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

Comments:

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MYE471

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE470

Matrix: SOIL Lab Sample ID: P4479-02

% Solids: 95.5 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	10/26/2024	2233
7440-36-0	Antimony	0.96	JD	10/26/2024	2233
7440-38-2	Arsenic	24	D	10/26/2024	2233
7440-39-3	Barium	200	D	10/26/2024	2233
7440-41-7	Beryllium	0.91	D	10/26/2024	2233
7440-43-9	Cadmium	0.39	JD	10/26/2024	2233
7440-70-2	Calcium	6700	D	10/26/2024	2233
7440-47-3	Chromium	36	D	10/26/2024	2233
7440-48-4	Cobalt	20	D	10/26/2024	2233
7440-50-8	Copper	58	D	10/26/2024	2233
7439-89-6	Iron	35000	D	10/26/2024	2233
7439-92-1	Lead	21	D	10/26/2024	2233
7439-95-4	Magnesium	7700	D	10/26/2024	2233
7439-96-5	Manganese	970	D	10/26/2024	2233
7440-02-0	Nickel	35	D	10/26/2024	2233
7440-09-7	Potassium	4300	D	10/26/2024	2233
7782-49-2	Selenium	5.0	UD	10/26/2024	2233
7440-22-4	Silver	1.4	UD	10/26/2024	2233
7440-23-5	Sodium	170	JD	10/26/2024	2233
7440-28-0	Thallium	3.6	UD	10/26/2024	2233
7440-62-2	Vanadium	64	D*	10/26/2024	2233
7440-66-6	Zinc	73	D	10/26/2024	2233

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

Comments:

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MYE472

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE470

Matrix: SOIL Lab Sample ID: P4479-03

% Solids: 94.5 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	25000	D	10/26/2024	2238
7440-36-0	Antimony	1.8	JD	10/26/2024	2238
7440-38-2	Arsenic	61	D	10/26/2024	2238
7440-39-3	Barium	440	D	10/26/2024	2238
7440-41-7	Beryllium	1.2	D	10/26/2024	2238
7440-43-9	Cadmium	0.43	JD	10/26/2024	2238
7440-70-2	Calcium	17000	D	10/26/2024	2238
7440-47-3	Chromium	45	D	10/26/2024	2238
7440-48-4	Cobalt	25	D	10/26/2024	2238
7440-50-8	Copper	67	D	10/26/2024	2238
7439-89-6	Iron	48000	D	10/26/2024	2238
7439-92-1	Lead	26	D	10/26/2024	2238
7439-95-4	Magnesium	12000	D	10/26/2024	2238
7439-96-5	Manganese	1200	D	10/26/2024	2238
7440-02-0	Nickel	59	D	10/26/2024	2238
7440-09-7	Potassium	4400	D	10/26/2024	2238
7782-49-2	Selenium	6.1	UD	10/26/2024	2238
7440-22-4	Silver	1.8	UD	10/26/2024	2238
7440-23-5	Sodium	230	JD	10/26/2024	2238
7440-28-0	Thallium	4.4	UD	10/26/2024	2238
7440-62-2	Vanadium	92	D*	10/26/2024	2238
7440-66-6	Zinc	79	D	10/26/2024	2238

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

Comments:

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MYE473

Lab Name: Alliance Technical Group, LLC

Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817

MA No. : 3226.1 SDG No.: MYE470

Matrix: SOIL

Lab Sample ID: P4479-04

% Solids: 96.1

Date Received: 10/22/2024

Analytical Method: ICP_AES

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	20000	D	10/26/2024	2242
7440-36-0	Antimony	1.4	JD	10/26/2024	2242
7440-38-2	Arsenic	43	D	10/26/2024	2242
7440-39-3	Barium	210	D	10/26/2024	2242
7440-41-7	Beryllium	1.0	D	10/26/2024	2242
7440-43-9	Cadmium	1.0	D	10/26/2024	2242
7440-70-2	Calcium	11000	D	10/26/2024	2242
7440-47-3	Chromium	40	D	10/26/2024	2242
7440-48-4	Cobalt	22	D	10/26/2024	2242
7440-50-8	Copper	140	D	10/26/2024	2242
7439-89-6	Iron	41000	D	10/26/2024	2242
7439-92-1	Lead	45	D	10/26/2024	2242
7439-95-4	Magnesium	8800	D	10/26/2024	2242
7439-96-5	Manganese	980	D	10/26/2024	2242
7440-02-0	Nickel	42	D	10/26/2024	2242
7440-09-7	Potassium	5400	D	10/26/2024	2242
7782-49-2	Selenium	6.2	UD	10/26/2024	2242
7440-22-4	Silver	1.8	UD	10/26/2024	2242
7440-23-5	Sodium	200	JD	10/26/2024	2242
7440-28-0	Thallium	4.4	UD	10/26/2024	2242
7440-62-2	Vanadium	77	D*	10/26/2024	2242
7440-66-6	Zinc	110	D	10/26/2024	2242

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MYE474

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE470

Matrix: SOIL Lab Sample ID: P4479-05

% Solids: 95.4 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	20000	D	10/26/2024	2247
7440-36-0	Antimony	1.4	JD	10/26/2024	2247
7440-38-2	Arsenic	38	D	10/26/2024	2247
7440-39-3	Barium	210	D	10/26/2024	2247
7440-41-7	Beryllium	1.0	D	10/26/2024	2247
7440-43-9	Cadmium	0.68	JD	10/26/2024	2247
7440-70-2	Calcium	7700	D	10/26/2024	2247
7440-47-3	Chromium	41	D	10/26/2024	2247
7440-48-4	Cobalt	22	D	10/26/2024	2247
7440-50-8	Copper	110	D	10/26/2024	2247
7439-89-6	Iron	42000	D	10/26/2024	2247
7439-92-1	Lead	35	D	10/26/2024	2247
7439-95-4	Magnesium	9200	D	10/26/2024	2247
7439-96-5	Manganese	1100	D	10/26/2024	2247
7440-02-0	Nickel	41	D	10/26/2024	2247
7440-09-7	Potassium	4600	D	10/26/2024	2247
7782-49-2	Selenium	6.3	UD	10/26/2024	2247
7440-22-4	Silver	1.8	UD	10/26/2024	2247
7440-23-5	Sodium	190	JD	10/26/2024	2247
7440-28-0	Thallium	4.5	UD	10/26/2024	2247
7440-62-2	Vanadium	77	D*	10/26/2024	2247
7440-66-6	Zinc	97	D	10/26/2024	2247

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE475

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE470

Matrix: SOIL Lab Sample ID: P4479-06

% Solids: 93.5 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	23000	D	10/26/2024	2251
7440-36-0	Antimony	1.4	JD	10/26/2024	2251
7440-38-2	Arsenic	34	D	10/26/2024	2251
7440-39-3	Barium	240	D	10/26/2024	2251
7440-41-7	Beryllium	1.1	D	10/26/2024	2251
7440-43-9	Cadmium	0.40	JD	10/26/2024	2251
7440-70-2	Calcium	8600	D	10/26/2024	2251
7440-47-3	Chromium	44	D	10/26/2024	2251
7440-48-4	Cobalt	23	D	10/26/2024	2251
7440-50-8	Copper	83	D	10/26/2024	2251
7439-89-6	Iron	42000	D	10/26/2024	2251
7439-92-1	Lead	29	D	10/26/2024	2251
7439-95-4	Magnesium	9300	D	10/26/2024	2251
7439-96-5	Manganese	1300	D	10/26/2024	2251
7440-02-0	Nickel	43	D	10/26/2024	2251
7440-09-7	Potassium	5300	D	10/26/2024	2251
7782-49-2	Selenium	6.9	UD	10/26/2024	2251
7440-22-4	Silver	2.0	UD	10/26/2024	2251
7440-23-5	Sodium	990	UD	10/26/2024	2251
7440-28-0	Thallium	5.0	UD	10/26/2024	2251
7440-62-2	Vanadium	76	D*	10/26/2024	2251
7440-66-6	Zinc	92	D	10/26/2024	2251

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

Comments:

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MYE476

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE470

Matrix: SOIL Lab Sample ID: P4479-07

% Solids: 95.3 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	21000	D	10/26/2024	2255
7440-36-0	Antimony	1.2	JD	10/26/2024	2255
7440-38-2	Arsenic	32	D	10/26/2024	2255
7440-39-3	Barium	210	D	10/26/2024	2255
7440-41-7	Beryllium	1.0	D	10/26/2024	2255
7440-43-9	Cadmium	0.61	JD	10/26/2024	2255
7440-70-2	Calcium	8200	D	10/26/2024	2255
7440-47-3	Chromium	39	D	10/26/2024	2255
7440-48-4	Cobalt	22	D	10/26/2024	2255
7440-50-8	Copper	86	D	10/26/2024	2255
7439-89-6	Iron	39000	D	10/26/2024	2255
7439-92-1	Lead	28	D	10/26/2024	2255
7439-95-4	Magnesium	8500	D	10/26/2024	2255
7439-96-5	Manganese	1100	D	10/26/2024	2255
7440-02-0	Nickel	39	D	10/26/2024	2255
7440-09-7	Potassium	4800	D	10/26/2024	2255
7782-49-2	Selenium	5.1	UD	10/26/2024	2255
7440-22-4	Silver	1.5	UD	10/26/2024	2255
7440-23-5	Sodium	210	JD	10/26/2024	2255
7440-28-0	Thallium	3.7	UD	10/26/2024	2255
7440-62-2	Vanadium	70	D*	10/26/2024	2255
7440-66-6	Zinc	88	D	10/26/2024	2255

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MYE477

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE470

Matrix: SOIL Lab Sample ID: P4479-08

% Solids: 96.2 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	19000	D	10/26/2024	2300
7440-36-0	Antimony	1.2	JD	10/26/2024	2300
7440-38-2	Arsenic	44	D	10/26/2024	2300
7440-39-3	Barium	200	D	10/26/2024	2300
7440-41-7	Beryllium	0.96	D	10/26/2024	2300
7440-43-9	Cadmium	1.2	D	10/26/2024	2300
7440-70-2	Calcium	12000	D	10/26/2024	2300
7440-47-3	Chromium	38	D	10/26/2024	2300
7440-48-4	Cobalt	21	D	10/26/2024	2300
7440-50-8	Copper	160	D	10/26/2024	2300
7439-89-6	Iron	37000	D	10/26/2024	2300
7439-92-1	Lead	50	D	10/26/2024	2300
7439-95-4	Magnesium	8100	D	10/26/2024	2300
7439-96-5	Manganese	960	D	10/26/2024	2300
7440-02-0	Nickel	40	D	10/26/2024	2300
7440-09-7	Potassium	5100	D	10/26/2024	2300
7782-49-2	Selenium	5.9	UD	10/26/2024	2300
7440-22-4	Silver	1.7	UD	10/26/2024	2300
7440-23-5	Sodium	840	UD	10/26/2024	2300
7440-28-0	Thallium	4.2	UD	10/26/2024	2300
7440-62-2	Vanadium	68	D*	10/26/2024	2300
7440-66-6	Zinc	120	D	10/26/2024	2300

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

Comments:

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MYE478

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE470

Matrix: SOIL Lab Sample ID: P4479-09

% Solids: 96.2 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	20000	D	10/26/2024	2304
7440-36-0	Antimony	1.3	JD	10/26/2024	2304
7440-38-2	Arsenic	49	D	10/26/2024	2304
7440-39-3	Barium	230	D	10/26/2024	2304
7440-41-7	Beryllium	1.0	D	10/26/2024	2304
7440-43-9	Cadmium	1.3	D	10/26/2024	2304
7440-70-2	Calcium	18000	D	10/26/2024	2304
7440-47-3	Chromium	38	D	10/26/2024	2304
7440-48-4	Cobalt	23	D	10/26/2024	2304
7440-50-8	Copper	170	D	10/26/2024	2304
7439-89-6	Iron	40000	D	10/26/2024	2304
7439-92-1	Lead	52	D	10/26/2024	2304
7439-95-4	Magnesium	9000	D	10/26/2024	2304
7439-96-5	Manganese	1200	D	10/26/2024	2304
7440-02-0	Nickel	45	D	10/26/2024	2304
7440-09-7	Potassium	5300	D	10/26/2024	2304
7782-49-2	Selenium	5.8	UD	10/26/2024	2304
7440-22-4	Silver	1.7	UD	10/26/2024	2304
7440-23-5	Sodium	190	JD	10/26/2024	2304
7440-28-0	Thallium	4.1	UD	10/26/2024	2304
7440-62-2	Vanadium	73	D*	10/26/2024	2304
7440-66-6	Zinc	120	D	10/26/2024	2304

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MYE479

Lab Name: Alliance Technical Group, LLC

Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817

MA No. : 3226.1 SDG No.: MYE470

Matrix: SOIL

Lab Sample ID: P4479-10

% Solids: 95.7

Date Received: 10/22/2024

Analytical Method: ICP_AES

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	17000	D	10/26/2024	2309
7440-36-0	Antimony	1.0	JD	10/26/2024	2309
7440-38-2	Arsenic	28	D	10/26/2024	2309
7440-39-3	Barium	220	D	10/26/2024	2309
7440-41-7	Beryllium	0.78	JD	10/26/2024	2309
7440-43-9	Cadmium	0.15	JD	10/26/2024	2309
7440-70-2	Calcium	20000	D	10/26/2024	2309
7440-47-3	Chromium	33	D	10/26/2024	2309
7440-48-4	Cobalt	18	D	10/26/2024	2309
7440-50-8	Copper	48	D	10/26/2024	2309
7439-89-6	Iron	35000	D	10/26/2024	2309
7439-92-1	Lead	17	D	10/26/2024	2309
7439-95-4	Magnesium	9800	D	10/26/2024	2309
7439-96-5	Manganese	720	D	10/26/2024	2309
7440-02-0	Nickel	39	D	10/26/2024	2309
7440-09-7	Potassium	2300	D	10/26/2024	2309
7782-49-2	Selenium	5.6	UD	10/26/2024	2309
7440-22-4	Silver	1.6	UD	10/26/2024	2309
7440-23-5	Sodium	410	JD	10/26/2024	2309
7440-28-0	Thallium	4.0	UD	10/26/2024	2309
7440-62-2	Vanadium	71	D*	10/26/2024	2309
7440-66-6	Zinc	59	D	10/26/2024	2309

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MYE480

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE470

Matrix: SOIL Lab Sample ID: P4479-11

% Solids: 96.4 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	21000	D	10/26/2024	2313
7440-36-0	Antimony	1.6	JD	10/26/2024	2313
7440-38-2	Arsenic	34	D	10/26/2024	2313
7440-39-3	Barium	230	D	10/26/2024	2313
7440-41-7	Beryllium	1.0	D	10/26/2024	2313
7440-43-9	Cadmium	0.33	JD	10/26/2024	2313
7440-70-2	Calcium	9200	D	10/26/2024	2313
7440-47-3	Chromium	39	D	10/26/2024	2313
7440-48-4	Cobalt	21	D	10/26/2024	2313
7440-50-8	Copper	71	D	10/26/2024	2313
7439-89-6	Iron	39000	D	10/26/2024	2313
7439-92-1	Lead	28	D	10/26/2024	2313
7439-95-4	Magnesium	8600	D	10/26/2024	2313
7439-96-5	Manganese	1200	D	10/26/2024	2313
7440-02-0	Nickel	41	D	10/26/2024	2313
7440-09-7	Potassium	4100	D	10/26/2024	2313
7782-49-2	Selenium	6.4	UD	10/26/2024	2313
7440-22-4	Silver	1.8	UD	10/26/2024	2313
7440-23-5	Sodium	180	JD	10/26/2024	2313
7440-28-0	Thallium	4.6	UD	10/26/2024	2313
7440-62-2	Vanadium	72	D*	10/26/2024	2313
7440-66-6	Zinc	81	D	10/26/2024	2313

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE481

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE470

Matrix: SOIL Lab Sample ID: P4479-12

% Solids: 95.3 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	22000	D	10/26/2024	2318
7440-36-0	Antimony	1.8	JD	10/26/2024	2318
7440-38-2	Arsenic	52	D	10/26/2024	2318
7440-39-3	Barium	250	D	10/26/2024	2318
7440-41-7	Beryllium	1.1	D	10/26/2024	2318
7440-43-9	Cadmium	0.92	D	10/26/2024	2318
7440-70-2	Calcium	9900	D	10/26/2024	2318
7440-47-3	Chromium	45	D	10/26/2024	2318
7440-48-4	Cobalt	25	D	10/26/2024	2318
7440-50-8	Copper	130	D	10/26/2024	2318
7439-89-6	Iron	43000	D	10/26/2024	2318
7439-92-1	Lead	44	D	10/26/2024	2318
7439-95-4	Magnesium	9500	D	10/26/2024	2318
7439-96-5	Manganese	1400	D	10/26/2024	2318
7440-02-0	Nickel	47	D	10/26/2024	2318
7440-09-7	Potassium	4500	D	10/26/2024	2318
7782-49-2	Selenium	6.2	UD	10/26/2024	2318
7440-22-4	Silver	1.8	UD	10/26/2024	2318
7440-23-5	Sodium	880	UD	10/26/2024	2318
7440-28-0	Thallium	4.4	UD	10/26/2024	2318
7440-62-2	Vanadium	80	D*	10/26/2024	2318
7440-66-6	Zinc	100	D	10/26/2024	2318

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE482

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE470

Matrix: SOIL Lab Sample ID: P4479-15

% Solids: 98.3 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	10000	D	10/26/2024	2344
7440-36-0	Antimony	10	UD	10/26/2024	2344
7440-38-2	Arsenic	19	D	10/26/2024	2344
7440-39-3	Barium	180	D	10/26/2024	2344
7440-41-7	Beryllium	0.62	JD	10/26/2024	2344
7440-43-9	Cadmium	0.30	JD	10/26/2024	2344
7440-70-2	Calcium	14000	D	10/26/2024	2344
7440-47-3	Chromium	25	D	10/26/2024	2344
7440-48-4	Cobalt	13	D	10/26/2024	2344
7440-50-8	Copper	36	D	10/26/2024	2344
7439-89-6	Iron	28000	D	10/26/2024	2344
7439-92-1	Lead	18	D	10/26/2024	2344
7439-95-4	Magnesium	5400	D	10/26/2024	2344
7439-96-5	Manganese	1200	D	10/26/2024	2344
7440-02-0	Nickel	38	D	10/26/2024	2344
7440-09-7	Potassium	2100	D	10/26/2024	2344
7782-49-2	Selenium	6.1	UD	10/26/2024	2344
7440-22-4	Silver	1.7	UD	10/26/2024	2344
7440-23-5	Sodium	260	JD	10/26/2024	2344
7440-28-0	Thallium	4.4	UD	10/26/2024	2344
7440-62-2	Vanadium	53	D*	10/26/2024	2344
7440-66-6	Zinc	69	D	10/26/2024	2344

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE483

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE470

Matrix: SOIL Lab Sample ID: P4479-16

% 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	17000	D	10/26/2024	2348
7440-36-0	Antimony	2.0	JD	10/26/2024	2348
7440-38-2	Arsenic	76	D	10/26/2024	2348
7440-39-3	Barium	380	D	10/26/2024	2348
7440-41-7	Beryllium	1.0	D	10/26/2024	2348
7440-43-9	Cadmium	0.86	D	10/26/2024	2348
7440-70-2	Calcium	10000	D	10/26/2024	2348
7440-47-3	Chromium	37	D	10/26/2024	2348
7440-48-4	Cobalt	26	D	10/26/2024	2348
7440-50-8	Copper	110	D	10/26/2024	2348
7439-89-6	Iron	54000	D	10/26/2024	2348
7439-92-1	Lead	47	D	10/26/2024	2348
7439-95-4	Magnesium	9100	D	10/26/2024	2348
7439-96-5	Manganese	2600	D	10/26/2024	2348
7440-02-0	Nickel	43	D	10/26/2024	2348
7440-09-7	Potassium	2900	D	10/26/2024	2348
7782-49-2	Selenium	5.2	UD	10/26/2024	2348
7440-22-4	Silver	1.5	UD	10/26/2024	2348
7440-23-5	Sodium	200	JD	10/26/2024	2348
7440-28-0	Thallium	3.7	UD	10/26/2024	2348
7440-62-2	Vanadium	96	D*	10/26/2024	2348
7440-66-6	Zinc	100	D	10/26/2024	2348

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE484

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE470

Matrix: SOIL Lab Sample ID: P4479-17

% Solids: 95.8 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	24000	D	10/26/2024	2353
7440-36-0	Antimony	1.6	JD	10/26/2024	2353
7440-38-2	Arsenic	20	D	10/26/2024	2353
7440-39-3	Barium	120	D	10/26/2024	2353
7440-41-7	Beryllium	0.74	JD	10/26/2024	2353
7440-43-9	Cadmium	0.18	JD	10/26/2024	2353
7440-70-2	Calcium	19000	D	10/26/2024	2353
7440-47-3	Chromium	100	D	10/26/2024	2353
7440-48-4	Cobalt	51	D	10/26/2024	2353
7440-50-8	Copper	130	D	10/26/2024	2353
7439-89-6	Iron	50000	D	10/26/2024	2353
7439-92-1	Lead	15	D	10/26/2024	2353
7439-95-4	Magnesium	18000	D	10/26/2024	2353
7439-96-5	Manganese	1100	D	10/26/2024	2353
7440-02-0	Nickel	90	D	10/26/2024	2353
7440-09-7	Potassium	1200	D	10/26/2024	2353
7782-49-2	Selenium	5.7	UD	10/26/2024	2353
7440-22-4	Silver	1.6	UD	10/26/2024	2353
7440-23-5	Sodium	460	JD	10/26/2024	2353
7440-28-0	Thallium	4.1	UD	10/26/2024	2353
7440-62-2	Vanadium	110	D*	10/26/2024	2353
7440-66-6	Zinc	59	D	10/26/2024	2353

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE485

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE470

Matrix: SOIL Lab Sample ID: P4479-18

% Solids: 97.4 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	10/26/2024	2357
7440-36-0	Antimony	1.5	JD	10/26/2024	2357
7440-38-2	Arsenic	45	D	10/26/2024	2357
7440-39-3	Barium	270	D	10/26/2024	2357
7440-41-7	Beryllium	0.77	JD	10/26/2024	2357
7440-43-9	Cadmium	0.30	JD	10/26/2024	2357
7440-70-2	Calcium	38000	D	10/26/2024	2357
7440-47-3	Chromium	42	D	10/26/2024	2357
7440-48-4	Cobalt	19	D	10/26/2024	2357
7440-50-8	Copper	46	D	10/26/2024	2357
7439-89-6	Iron	37000	D	10/26/2024	2357
7439-92-1	Lead	16	D	10/26/2024	2357
7439-95-4	Magnesium	16000	D	10/26/2024	2357
7439-96-5	Manganese	800	D	10/26/2024	2357
7440-02-0	Nickel	53	D	10/26/2024	2357
7440-09-7	Potassium	1800	D	10/26/2024	2357
7782-49-2	Selenium	5.8	UD	10/26/2024	2357
7440-22-4	Silver	1.7	UD	10/26/2024	2357
7440-23-5	Sodium	440	JD	10/26/2024	2357
7440-28-0	Thallium	4.2	UD	10/26/2024	2357
7440-62-2	Vanadium	74	D*	10/26/2024	2357
7440-66-6	Zinc	62	D	10/26/2024	2357

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE486

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE470

Matrix: SOIL Lab Sample ID: P4479-19

% Solids: 93 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	19000	D	10/27/2024	0002
7440-36-0	Antimony	1.7	JD	10/27/2024	0002
7440-38-2	Arsenic	42	D	10/27/2024	0002
7440-39-3	Barium	230	D	10/27/2024	0002
7440-41-7	Beryllium	1.2	D	10/27/2024	0002
7440-43-9	Cadmium	0.47	JD	10/27/2024	0002
7440-70-2	Calcium	20000	D	10/27/2024	0002
7440-47-3	Chromium	38	D	10/27/2024	0002
7440-48-4	Cobalt	22	D	10/27/2024	0002
7440-50-8	Copper	60	D	10/27/2024	0002
7439-89-6	Iron	53000	D	10/27/2024	0002
7439-92-1	Lead	30	D	10/27/2024	0002
7439-95-4	Magnesium	8700	D	10/27/2024	0002
7439-96-5	Manganese	1500	D	10/27/2024	0002
7440-02-0	Nickel	45	D	10/27/2024	0002
7440-09-7	Potassium	2900	D	10/27/2024	0002
7782-49-2	Selenium	5.7	UD	10/27/2024	0002
7440-22-4	Silver	1.6	UD	10/27/2024	0002
7440-23-5	Sodium	240	JD	10/27/2024	0002
7440-28-0	Thallium	4.0	UD	10/27/2024	0002
7440-62-2	Vanadium	93	D*	10/27/2024	0002
7440-66-6	Zinc	85	D	10/27/2024	0002

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE487

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE470

Matrix: SOIL Lab Sample ID: P4479-20

% Solids: 95.8 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	24000	D	10/27/2024	0006
7440-36-0	Antimony	9.9	UD	10/27/2024	0006
7440-38-2	Arsenic	37	D	10/27/2024	0006
7440-39-3	Barium	270	D	10/27/2024	0006
7440-41-7	Beryllium	1.1	D	10/27/2024	0006
7440-43-9	Cadmium	0.50	JD	10/27/2024	0006
7440-70-2	Calcium	8600	D	10/27/2024	0006
7440-47-3	Chromium	45	D	10/27/2024	0006
7440-48-4	Cobalt	25	D	10/27/2024	0006
7440-50-8	Copper	75	D	10/27/2024	0006
7439-89-6	Iron	44000	D	10/27/2024	0006
7439-92-1	Lead	29	D	10/27/2024	0006
7439-95-4	Magnesium	9900	D	10/27/2024	0006
7439-96-5	Manganese	1500	D	10/27/2024	0006
7440-02-0	Nickel	43	D	10/27/2024	0006
7440-09-7	Potassium	5100	D	10/27/2024	0006
7782-49-2	Selenium	5.8	UD	10/27/2024	0006
7440-22-4	Silver	1.7	UD	10/27/2024	0006
7440-23-5	Sodium	220	JD	10/27/2024	0006
7440-28-0	Thallium	4.1	UD	10/27/2024	0006
7440-62-2	Vanadium	79	D*	10/27/2024	0006
7440-66-6	Zinc	93	D	10/27/2024	0006

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE488

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE470

Matrix: SOIL Lab Sample ID: P4479-21

% 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	21000	D	10/27/2024	0010
7440-36-0	Antimony	1.3	JD	10/27/2024	0010
7440-38-2	Arsenic	42	D	10/27/2024	0010
7440-39-3	Barium	230	D	10/27/2024	0010
7440-41-7	Beryllium	1.1	D	10/27/2024	0010
7440-43-9	Cadmium	0.88	JD	10/27/2024	0010
7440-70-2	Calcium	12000	D	10/27/2024	0010
7440-47-3	Chromium	42	D	10/27/2024	0010
7440-48-4	Cobalt	22	D	10/27/2024	0010
7440-50-8	Copper	130	D	10/27/2024	0010
7439-89-6	Iron	42000	D	10/27/2024	0010
7439-92-1	Lead	45	D	10/27/2024	0010
7439-95-4	Magnesium	9500	D	10/27/2024	0010
7439-96-5	Manganese	1300	D	10/27/2024	0010
7440-02-0	Nickel	42	D	10/27/2024	0010
7440-09-7	Potassium	6200	D	10/27/2024	0010
7782-49-2	Selenium	6.8	UD	10/27/2024	0010
7440-22-4	Silver	1.9	UD	10/27/2024	0010
7440-23-5	Sodium	210	JD	10/27/2024	0010
7440-28-0	Thallium	4.8	UD	10/27/2024	0010
7440-62-2	Vanadium	79	D*	10/27/2024	0010
7440-66-6	Zinc	120	D	10/27/2024	0010

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE489

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE470

Matrix: SOIL Lab Sample ID: P4479-22

% Solids: 95.4 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	19000	D	10/27/2024	0015
7440-36-0	Antimony	1.9	JD	10/27/2024	0015
7440-38-2	Arsenic	40	D	10/27/2024	0015
7440-39-3	Barium	220	D	10/27/2024	0015
7440-41-7	Beryllium	1.0	D	10/27/2024	0015
7440-43-9	Cadmium	0.86	JD	10/27/2024	0015
7440-70-2	Calcium	11000	D	10/27/2024	0015
7440-47-3	Chromium	39	D	10/27/2024	0015
7440-48-4	Cobalt	22	D	10/27/2024	0015
7440-50-8	Copper	130	D	10/27/2024	0015
7439-89-6	Iron	40000	D	10/27/2024	0015
7439-92-1	Lead	43	D	10/27/2024	0015
7439-95-4	Magnesium	9000	D	10/27/2024	0015
7439-96-5	Manganese	1200	D	10/27/2024	0015
7440-02-0	Nickel	40	D	10/27/2024	0015
7440-09-7	Potassium	5700	D	10/27/2024	0015
7782-49-2	Selenium	6.3	UD	10/27/2024	0015
7440-22-4	Silver	1.8	UD	10/27/2024	0015
7440-23-5	Sodium	210	JD	10/27/2024	0015
7440-28-0	Thallium	4.5	UD	10/27/2024	0015
7440-62-2	Vanadium	73	D*	10/27/2024	0015
7440-66-6	Zinc	120	D	10/27/2024	0015

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

Comments: