

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4T2

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4T2

Matrix: SOIL Lab Sample ID: P4523-01

% Solids: 97.5 Date Received: 10/23/2024

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	11/14/2024	0354
7440-36-0	Antimony	2.0	JD	11/14/2024	0354
7440-38-2	Arsenic	69	D	11/14/2024	0354
7440-39-3	Barium	220	D	11/14/2024	0354
7440-41-7	Beryllium	0.49	JD	11/14/2024	0354
7440-43-9	Cadmium	1.6	D	11/14/2024	0354
7440-70-2	Calcium	3100	D*	11/14/2024	0354
7440-47-3	Chromium	33	D*	11/14/2024	0354
7440-48-4	Cobalt	24	D	11/14/2024	0354
7440-50-8	Copper	150	D*	11/14/2024	0354
7439-89-6	Iron	41000	D*	11/14/2024	0354
7439-92-1	Lead	52	D	11/14/2024	0354
7439-95-4	Magnesium	7300	D*	11/14/2024	0354
7439-96-5	Manganese	980	D*	11/14/2024	0354
7440-02-0	Nickel	44	D*	11/14/2024	0354
7440-09-7	Potassium	2900	D	11/14/2024	0354
7782-49-2	Selenium	4.8	UD	11/14/2024	0354
7440-22-4	Silver	1.4	UD	11/14/2024	0354
7440-23-5	Sodium	200	JD	11/14/2024	0354
7440-28-0	Thallium	3.4	UD	11/14/2024	0354
7440-62-2	Vanadium	81	D*	11/14/2024	0354
7440-66-6	Zinc	130	D*	11/14/2024	0354

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4T3

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4T2

Matrix: SOIL Lab Sample ID: P4523-02

% Solids: 99.3 Date Received: 10/23/2024

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	11/14/2024	0358
7440-36-0	Antimony	2.4	JD	11/14/2024	0358
7440-38-2	Arsenic	74	D	11/14/2024	0358
7440-39-3	Barium	230	D	11/14/2024	0358
7440-41-7	Beryllium	0.58	JD	11/14/2024	0358
7440-43-9	Cadmium	1.5	D	11/14/2024	0358
7440-70-2	Calcium	3000	D*	11/14/2024	0358
7440-47-3	Chromium	39	D*	11/14/2024	0358
7440-48-4	Cobalt	26	D	11/14/2024	0358
7440-50-8	Copper	170	D*	11/14/2024	0358
7439-89-6	Iron	49000	D*	11/14/2024	0358
7439-92-1	Lead	60	D	11/14/2024	0358
7439-95-4	Magnesium	7500	D*	11/14/2024	0358
7439-96-5	Manganese	1200	D*	11/14/2024	0358
7440-02-0	Nickel	51	D*	11/14/2024	0358
7440-09-7	Potassium	2800	D	11/14/2024	0358
7782-49-2	Selenium	6.4	UD	11/14/2024	0358
7440-22-4	Silver	1.8	UD	11/14/2024	0358
7440-23-5	Sodium	230	JD	11/14/2024	0358
7440-28-0	Thallium	4.6	UD	11/14/2024	0358
7440-62-2	Vanadium	96	D*	11/14/2024	0358
7440-66-6	Zinc	130	D*	11/14/2024	0358

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4T4

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4T2

Matrix: SOIL Lab Sample ID: P4523-03

% Solids: 94.9 Date Received: 10/23/2024

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	11/14/2024	0402
7440-36-0	Antimony	1.6	JD	11/14/2024	0402
7440-38-2	Arsenic	50	D	11/14/2024	0402
7440-39-3	Barium	270	D	11/14/2024	0402
7440-41-7	Beryllium	0.46	JD	11/14/2024	0402
7440-43-9	Cadmium	1.4	D	11/14/2024	0402
7440-70-2	Calcium	3700	D*	11/14/2024	0402
7440-47-3	Chromium	32	D*	11/14/2024	0402
7440-48-4	Cobalt	21	D	11/14/2024	0402
7440-50-8	Copper	130	D*	11/14/2024	0402
7439-89-6	Iron	38000	D*	11/14/2024	0402
7439-92-1	Lead	48	D	11/14/2024	0402
7439-95-4	Magnesium	7800	D*	11/14/2024	0402
7439-96-5	Manganese	1400	D*	11/14/2024	0402
7440-02-0	Nickel	48	D*	11/14/2024	0402
7440-09-7	Potassium	2200	D	11/14/2024	0402
7782-49-2	Selenium	5.8	UD	11/14/2024	0402
7440-22-4	Silver	1.7	UD	11/14/2024	0402
7440-23-5	Sodium	180	JD	11/14/2024	0402
7440-28-0	Thallium	4.1	UD	11/14/2024	0402
7440-62-2	Vanadium	77	D*	11/14/2024	0402
7440-66-6	Zinc	120	D*	11/14/2024	0402

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4T5

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4T2

Matrix: SOIL Lab Sample ID: P4523-04

% Solids: 97.7 Date Received: 10/23/2024

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	11/14/2024	0407
7440-36-0	Antimony	1.3	JD	11/14/2024	0407
7440-38-2	Arsenic	51	D	11/14/2024	0407
7440-39-3	Barium	260	D	11/14/2024	0407
7440-41-7	Beryllium	0.55	JD	11/14/2024	0407
7440-43-9	Cadmium	1.6	D	11/14/2024	0407
7440-70-2	Calcium	4200	D*	11/14/2024	0407
7440-47-3	Chromium	39	D*	11/14/2024	0407
7440-48-4	Cobalt	25	D	11/14/2024	0407
7440-50-8	Copper	180	D*	11/14/2024	0407
7439-89-6	Iron	43000	D*	11/14/2024	0407
7439-92-1	Lead	57	D	11/14/2024	0407
7439-95-4	Magnesium	9200	D*	11/14/2024	0407
7439-96-5	Manganese	1100	D*	11/14/2024	0407
7440-02-0	Nickel	58	D*	11/14/2024	0407
7440-09-7	Potassium	2400	D	11/14/2024	0407
7782-49-2	Selenium	5.4	UD	11/14/2024	0407
7440-22-4	Silver	1.5	UD	11/14/2024	0407
7440-23-5	Sodium	240	JD	11/14/2024	0407
7440-28-0	Thallium	3.8	UD	11/14/2024	0407
7440-62-2	Vanadium	86	D*	11/14/2024	0407
7440-66-6	Zinc	130	D*	11/14/2024	0407

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4T6

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4T2

Matrix: SOIL Lab Sample ID: P4523-05

% Solids: 97.9 Date Received: 10/23/2024

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	11/14/2024	0411
7440-36-0	Antimony	2.0	JD	11/14/2024	0411
7440-38-2	Arsenic	52	D	11/14/2024	0411
7440-39-3	Barium	220	D	11/14/2024	0411
7440-41-7	Beryllium	0.49	JD	11/14/2024	0411
7440-43-9	Cadmium	1.5	D	11/14/2024	0411
7440-70-2	Calcium	2900	D*	11/14/2024	0411
7440-47-3	Chromium	33	D*	11/14/2024	0411
7440-48-4	Cobalt	22	D	11/14/2024	0411
7440-50-8	Copper	180	D*	11/14/2024	0411
7439-89-6	Iron	41000	D*	11/14/2024	0411
7439-92-1	Lead	66	D	11/14/2024	0411
7439-95-4	Magnesium	7200	D*	11/14/2024	0411
7439-96-5	Manganese	1000	D*	11/14/2024	0411
7440-02-0	Nickel	45	D*	11/14/2024	0411
7440-09-7	Potassium	2600	D	11/14/2024	0411
7782-49-2	Selenium	5.5	UD	11/14/2024	0411
7440-22-4	Silver	1.6	UD	11/14/2024	0411
7440-23-5	Sodium	220	JD	11/14/2024	0411
7440-28-0	Thallium	3.9	UD	11/14/2024	0411
7440-62-2	Vanadium	78	D*	11/14/2024	0411
7440-66-6	Zinc	120	D*	11/14/2024	0411

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4T7

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4T2

Matrix: SOIL Lab Sample ID: P4523-06

% Solids: 98.4 Date Received: 10/23/2024

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	11/14/2024	0416
7440-36-0	Antimony	1.6	JD	11/14/2024	0416
7440-38-2	Arsenic	34	D	11/14/2024	0416
7440-39-3	Barium	170	D	11/14/2024	0416
7440-41-7	Beryllium	0.40	JD	11/14/2024	0416
7440-43-9	Cadmium	0.67	JD	11/14/2024	0416
7440-70-2	Calcium	3700	D*	11/14/2024	0416
7440-47-3	Chromium	28	D*	11/14/2024	0416
7440-48-4	Cobalt	18	D	11/14/2024	0416
7440-50-8	Copper	64	D*	11/14/2024	0416
7439-89-6	Iron	34000	D*	11/14/2024	0416
7439-92-1	Lead	27	D	11/14/2024	0416
7439-95-4	Magnesium	6700	D*	11/14/2024	0416
7439-96-5	Manganese	790	D*	11/14/2024	0416
7440-02-0	Nickel	38	D*	11/14/2024	0416
7440-09-7	Potassium	2100	D	11/14/2024	0416
7782-49-2	Selenium	4.8	UD	11/14/2024	0416
7440-22-4	Silver	1.4	UD	11/14/2024	0416
7440-23-5	Sodium	190	JD	11/14/2024	0416
7440-28-0	Thallium	3.4	UD	11/14/2024	0416
7440-62-2	Vanadium	70	D*	11/14/2024	0416
7440-66-6	Zinc	82	D*	11/14/2024	0416

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4T8

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4T2

Matrix: SOIL Lab Sample ID: P4523-07

% Solids: 98.9 Date Received: 10/23/2024

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	11/13/2024	0059
7440-36-0	Antimony	2.3	JD	11/13/2024	0059
7440-38-2	Arsenic	74	D	11/13/2024	0059
7440-39-3	Barium	230	D	11/13/2024	0059
7440-41-7	Beryllium	0.53	JD	11/13/2024	0059
7440-43-9	Cadmium	3.2	D	11/13/2024	0059
7440-70-2	Calcium	3300	D*	11/13/2024	0059
7440-47-3	Chromium	37	D*	11/13/2024	0059
7440-48-4	Cobalt	25	D	11/13/2024	0059
7440-50-8	Copper	150	D*	11/13/2024	0059
7439-89-6	Iron	48000	D*	11/13/2024	0059
7439-92-1	Lead	64	D	11/13/2024	0059
7439-95-4	Magnesium	8100	D*	11/13/2024	0059
7439-96-5	Manganese	1100	D*	11/13/2024	0059
7440-02-0	Nickel	50	D*	11/13/2024	0059
7440-09-7	Potassium	2800	D	11/13/2024	0059
7782-49-2	Selenium	5.9	UD	11/13/2024	0059
7440-22-4	Silver	1.7	UD	11/13/2024	0059
7440-23-5	Sodium	230	JD	11/13/2024	0059
7440-28-0	Thallium	2.6	JD	11/13/2024	0059
7440-62-2	Vanadium	96	D*	11/13/2024	0059
7440-66-6	Zinc	140	D*	11/13/2024	0059

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4T9

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4T2

Matrix: SOIL Lab Sample ID: P4523-10

% Solids: 97.9 Date Received: 10/23/2024

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	11/14/2024	0420
7440-36-0	Antimony	1.9	JD	11/14/2024	0420
7440-38-2	Arsenic	61	D	11/14/2024	0420
7440-39-3	Barium	230	D	11/14/2024	0420
7440-41-7	Beryllium	0.53	JD	11/14/2024	0420
7440-43-9	Cadmium	1.5	D	11/14/2024	0420
7440-70-2	Calcium	3200	D*	11/14/2024	0420
7440-47-3	Chromium	38	D*	11/14/2024	0420
7440-48-4	Cobalt	23	D	11/14/2024	0420
7440-50-8	Copper	150	D*	11/14/2024	0420
7439-89-6	Iron	44000	D*	11/14/2024	0420
7439-92-1	Lead	54	D	11/14/2024	0420
7439-95-4	Magnesium	7700	D*	11/14/2024	0420
7439-96-5	Manganese	1200	D*	11/14/2024	0420
7440-02-0	Nickel	50	D*	11/14/2024	0420
7440-09-7	Potassium	2800	D	11/14/2024	0420
7782-49-2	Selenium	5.9	UD	11/14/2024	0420
7440-22-4	Silver	1.7	UD	11/14/2024	0420
7440-23-5	Sodium	240	JD	11/14/2024	0420
7440-28-0	Thallium	4.2	UD	11/14/2024	0420
7440-62-2	Vanadium	88	D*	11/14/2024	0420
7440-66-6	Zinc	120	D*	11/14/2024	0420

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4W8

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4T2

Matrix: SOIL Lab Sample ID: P4523-11

% Solids: 98.2 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	14000	D	11/14/2024	0424
7440-36-0	Antimony	1.3	JD	11/14/2024	0424
7440-38-2	Arsenic	30	D	11/14/2024	0424
7440-39-3	Barium	170	D	11/14/2024	0424
7440-41-7	Beryllium	0.42	JD	11/14/2024	0424
7440-43-9	Cadmium	0.66	JD	11/14/2024	0424
7440-70-2	Calcium	5300	D*	11/14/2024	0424
7440-47-3	Chromium	29	D*	11/14/2024	0424
7440-48-4	Cobalt	18	D	11/14/2024	0424
7440-50-8	Copper	60	D*	11/14/2024	0424
7439-89-6	Iron	33000	D*	11/14/2024	0424
7439-92-1	Lead	24	D	11/14/2024	0424
7439-95-4	Magnesium	6600	D*	11/14/2024	0424
7439-96-5	Manganese	690	D*	11/14/2024	0424
7440-02-0	Nickel	36	D*	11/14/2024	0424
7440-09-7	Potassium	1800	D	11/14/2024	0424
7782-49-2	Selenium	5.1	UD	11/14/2024	0424
7440-22-4	Silver	1.5	UD	11/14/2024	0424
7440-23-5	Sodium	200	JD	11/14/2024	0424
7440-28-0	Thallium	3.7	UD	11/14/2024	0424
7440-62-2	Vanadium	75	D*	11/14/2024	0424
7440-66-6	Zinc	73	D*	11/14/2024	0424

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4W9

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4T2

Matrix: SOIL Lab Sample ID: P4523-12

% Solids: 97.9 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	16000	D	11/14/2024	0429
7440-36-0	Antimony	1.5	JD	11/14/2024	0429
7440-38-2	Arsenic	44	D	11/14/2024	0429
7440-39-3	Barium	240	D	11/14/2024	0429
7440-41-7	Beryllium	0.51	JD	11/14/2024	0429
7440-43-9	Cadmium	1.4	D	11/14/2024	0429
7440-70-2	Calcium	3500	D*	11/14/2024	0429
7440-47-3	Chromium	36	D*	11/14/2024	0429
7440-48-4	Cobalt	25	D	11/14/2024	0429
7440-50-8	Copper	130	D*	11/14/2024	0429
7439-89-6	Iron	44000	D*	11/14/2024	0429
7439-92-1	Lead	51	D	11/14/2024	0429
7439-95-4	Magnesium	8100	D*	11/14/2024	0429
7439-96-5	Manganese	1100	D*	11/14/2024	0429
7440-02-0	Nickel	52	D*	11/14/2024	0429
7440-09-7	Potassium	2600	D	11/14/2024	0429
7782-49-2	Selenium	5.8	UD	11/14/2024	0429
7440-22-4	Silver	1.7	UD	11/14/2024	0429
7440-23-5	Sodium	190	JD	11/14/2024	0429
7440-28-0	Thallium	4.1	UD	11/14/2024	0429
7440-62-2	Vanadium	89	D*	11/14/2024	0429
7440-66-6	Zinc	120	D*	11/14/2024	0429

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4X0

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4T2

Matrix: SOIL Lab Sample ID: P4523-13

% Solids: 98.7 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	11/14/2024	0433
7440-36-0	Antimony	2.2	JD	11/14/2024	0433
7440-38-2	Arsenic	71	D	11/14/2024	0433
7440-39-3	Barium	190	D	11/14/2024	0433
7440-41-7	Beryllium	0.48	JD	11/14/2024	0433
7440-43-9	Cadmium	1.7	D	11/14/2024	0433
7440-70-2	Calcium	2600	D*	11/14/2024	0433
7440-47-3	Chromium	34	D*	11/14/2024	0433
7440-48-4	Cobalt	23	D	11/14/2024	0433
7440-50-8	Copper	140	D*	11/14/2024	0433
7439-89-6	Iron	45000	D*	11/14/2024	0433
7439-92-1	Lead	60	D	11/14/2024	0433
7439-95-4	Magnesium	7300	D*	11/14/2024	0433
7439-96-5	Manganese	920	D*	11/14/2024	0433
7440-02-0	Nickel	46	D*	11/14/2024	0433
7440-09-7	Potassium	2200	D	11/14/2024	0433
7782-49-2	Selenium	5.1	UD	11/14/2024	0433
7440-22-4	Silver	1.5	UD	11/14/2024	0433
7440-23-5	Sodium	230	JD	11/14/2024	0433
7440-28-0	Thallium	3.7	UD	11/14/2024	0433
7440-62-2	Vanadium	93	D*	11/14/2024	0433
7440-66-6	Zinc	130	D*	11/14/2024	0433

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4X1

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4T2

Matrix: SOIL Lab Sample ID: P4523-14

% Solids: 97.1 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	11/14/2024	0438
7440-36-0	Antimony	0.93	JD	11/14/2024	0438
7440-38-2	Arsenic	46	D	11/14/2024	0438
7440-39-3	Barium	210	D	11/14/2024	0438
7440-41-7	Beryllium	0.55	JD	11/14/2024	0438
7440-43-9	Cadmium	1.5	D	11/14/2024	0438
7440-70-2	Calcium	3000	D*	11/14/2024	0438
7440-47-3	Chromium	33	D*	11/14/2024	0438
7440-48-4	Cobalt	25	D	11/14/2024	0438
7440-50-8	Copper	180	D*	11/14/2024	0438
7439-89-6	Iron	37000	D*	11/14/2024	0438
7439-92-1	Lead	56	D	11/14/2024	0438
7439-95-4	Magnesium	6700	D*	11/14/2024	0438
7439-96-5	Manganese	1200	D*	11/14/2024	0438
7440-02-0	Nickel	44	D*	11/14/2024	0438
7440-09-7	Potassium	2800	D	11/14/2024	0438
7782-49-2	Selenium	5.5	UD	11/14/2024	0438
7440-22-4	Silver	1.6	UD	11/14/2024	0438
7440-23-5	Sodium	200	JD	11/14/2024	0438
7440-28-0	Thallium	3.9	UD	11/14/2024	0438
7440-62-2	Vanadium	84	D*	11/14/2024	0438
7440-66-6	Zinc	110	D*	11/14/2024	0438

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4X2

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4T2

Matrix: SOIL Lab Sample ID: P4523-15

% Solids: 96.1 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	11/14/2024	0442
7440-36-0	Antimony	1.3	JD	11/14/2024	0442
7440-38-2	Arsenic	33	D	11/14/2024	0442
7440-39-3	Barium	220	D	11/14/2024	0442
7440-41-7	Beryllium	0.54	JD	11/14/2024	0442
7440-43-9	Cadmium	1.2	D	11/14/2024	0442
7440-70-2	Calcium	3700	D*	11/14/2024	0442
7440-47-3	Chromium	37	D*	11/14/2024	0442
7440-48-4	Cobalt	23	D	11/14/2024	0442
7440-50-8	Copper	120	D*	11/14/2024	0442
7439-89-6	Iron	39000	D*	11/14/2024	0442
7439-92-1	Lead	44	D	11/14/2024	0442
7439-95-4	Magnesium	8100	D*	11/14/2024	0442
7439-96-5	Manganese	1100	D*	11/14/2024	0442
7440-02-0	Nickel	46	D*	11/14/2024	0442
7440-09-7	Potassium	2300	D	11/14/2024	0442
7782-49-2	Selenium	5.7	UD	11/14/2024	0442
7440-22-4	Silver	1.6	UD	11/14/2024	0442
7440-23-5	Sodium	810	UD	11/14/2024	0442
7440-28-0	Thallium	4.1	UD	11/14/2024	0442
7440-62-2	Vanadium	84	D*	11/14/2024	0442
7440-66-6	Zinc	140	D*	11/14/2024	0442

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4X3

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4T2

Matrix: SOIL Lab Sample ID: P4523-16

% Solids: 97.5 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	17000	D	11/14/2024	0447
7440-36-0	Antimony	2.8	JD	11/14/2024	0447
7440-38-2	Arsenic	51	D	11/14/2024	0447
7440-39-3	Barium	210	D	11/14/2024	0447
7440-41-7	Beryllium	0.67	JD	11/14/2024	0447
7440-43-9	Cadmium	1.4	D	11/14/2024	0447
7440-70-2	Calcium	3500	D*	11/14/2024	0447
7440-47-3	Chromium	44	D*	11/14/2024	0447
7440-48-4	Cobalt	28	D	11/14/2024	0447
7440-50-8	Copper	130	D*	11/14/2024	0447
7439-89-6	Iron	51000	D*	11/14/2024	0447
7439-92-1	Lead	44	D	11/14/2024	0447
7439-95-4	Magnesium	7400	D*	11/14/2024	0447
7439-96-5	Manganese	1200	D*	11/14/2024	0447
7440-02-0	Nickel	52	D*	11/14/2024	0447
7440-09-7	Potassium	3500	D	11/14/2024	0447
7782-49-2	Selenium	5.9	UD	11/14/2024	0447
7440-22-4	Silver	1.7	UD	11/14/2024	0447
7440-23-5	Sodium	280	JD	11/14/2024	0447
7440-28-0	Thallium	4.2	UD	11/14/2024	0447
7440-62-2	Vanadium	110	D*	11/14/2024	0447
7440-66-6	Zinc	150	D*	11/14/2024	0447

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4X4

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4T2

Matrix: SOIL Lab Sample ID: P4523-17

% Solids: 97.3 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	11/12/2024	2250
7440-36-0	Antimony	2.1	JD	11/12/2024	2250
7440-38-2	Arsenic	69	D	11/12/2024	2250
7440-39-3	Barium	280	D	11/12/2024	2250
7440-41-7	Beryllium	0.60	JD	11/12/2024	2250
7440-43-9	Cadmium	3.1	D	11/12/2024	2250
7440-70-2	Calcium	3600	D*	11/12/2024	2250
7440-47-3	Chromium	50	D*	11/12/2024	2250
7440-48-4	Cobalt	30	D	11/12/2024	2250
7440-50-8	Copper	130	D*	11/12/2024	2250
7439-89-6	Iron	53000	D*	11/12/2024	2250
7439-92-1	Lead	47	D	11/12/2024	2250
7439-95-4	Magnesium	9300	D*	11/12/2024	2250
7439-96-5	Manganese	1200	D*	11/12/2024	2250
7440-02-0	Nickel	63	D*	11/12/2024	2250
7440-09-7	Potassium	3000	D	11/12/2024	2250
7782-49-2	Selenium	5.5	UD	11/12/2024	2250
7440-22-4	Silver	1.6	UD	11/12/2024	2250
7440-23-5	Sodium	260	JD	11/12/2024	2250
7440-28-0	Thallium	2.5	JD	11/12/2024	2250
7440-62-2	Vanadium	110	D*	11/12/2024	2250
7440-66-6	Zinc	120	D*	11/12/2024	2250

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4X5

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4T2

Matrix: SOIL Lab Sample ID: P4523-18

% Solids: 98.4 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	11/14/2024	0504
7440-36-0	Antimony	1.6	JD	11/14/2024	0504
7440-38-2	Arsenic	58	D	11/14/2024	0504
7440-39-3	Barium	190	D	11/14/2024	0504
7440-41-7	Beryllium	0.51	JD	11/14/2024	0504
7440-43-9	Cadmium	1.6	D	11/14/2024	0504
7440-70-2	Calcium	2400	D*	11/14/2024	0504
7440-47-3	Chromium	36	D*	11/14/2024	0504
7440-48-4	Cobalt	24	D	11/14/2024	0504
7440-50-8	Copper	160	D*	11/14/2024	0504
7439-89-6	Iron	47000	D*	11/14/2024	0504
7439-92-1	Lead	74	D	11/14/2024	0504
7439-95-4	Magnesium	6100	D*	11/14/2024	0504
7439-96-5	Manganese	1300	D*	11/14/2024	0504
7440-02-0	Nickel	41	D*	11/14/2024	0504
7440-09-7	Potassium	2600	D	11/14/2024	0504
7782-49-2	Selenium	4.9	UD	11/14/2024	0504
7440-22-4	Silver	1.4	UD	11/14/2024	0504
7440-23-5	Sodium	240	JD	11/14/2024	0504
7440-28-0	Thallium	3.5	UD	11/14/2024	0504
7440-62-2	Vanadium	100	D*	11/14/2024	0504
7440-66-6	Zinc	120	D*	11/14/2024	0504

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4X6

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4T2

Matrix: SOIL Lab Sample ID: P4523-19

% Solids: 96.3 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	11/14/2024	0509
7440-36-0	Antimony	1.6	JD	11/14/2024	0509
7440-38-2	Arsenic	45	D	11/14/2024	0509
7440-39-3	Barium	210	D	11/14/2024	0509
7440-41-7	Beryllium	0.56	JD	11/14/2024	0509
7440-43-9	Cadmium	1.2	D	11/14/2024	0509
7440-70-2	Calcium	4500	D*	11/14/2024	0509
7440-47-3	Chromium	40	D*	11/14/2024	0509
7440-48-4	Cobalt	23	D	11/14/2024	0509
7440-50-8	Copper	150	D*	11/14/2024	0509
7439-89-6	Iron	39000	D*	11/14/2024	0509
7439-92-1	Lead	51	D	11/14/2024	0509
7439-95-4	Magnesium	8500	D*	11/14/2024	0509
7439-96-5	Manganese	910	D*	11/14/2024	0509
7440-02-0	Nickel	47	D*	11/14/2024	0509
7440-09-7	Potassium	2400	D	11/14/2024	0509
7782-49-2	Selenium	6.2	UD	11/14/2024	0509
7440-22-4	Silver	1.8	UD	11/14/2024	0509
7440-23-5	Sodium	210	JD	11/14/2024	0509
7440-28-0	Thallium	4.4	UD	11/14/2024	0509
7440-62-2	Vanadium	87	D*	11/14/2024	0509
7440-66-6	Zinc	110	D*	11/14/2024	0509

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4X7

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4T2

Matrix: SOIL Lab Sample ID: P4523-20

% Solids: 98.1 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	11/14/2024	0513
7440-36-0	Antimony	1.6	JD	11/14/2024	0513
7440-38-2	Arsenic	40	D	11/14/2024	0513
7440-39-3	Barium	190	D	11/14/2024	0513
7440-41-7	Beryllium	0.55	JD	11/14/2024	0513
7440-43-9	Cadmium	1.4	D	11/14/2024	0513
7440-70-2	Calcium	2500	D*	11/14/2024	0513
7440-47-3	Chromium	36	D*	11/14/2024	0513
7440-48-4	Cobalt	24	D	11/14/2024	0513
7440-50-8	Copper	140	D*	11/14/2024	0513
7439-89-6	Iron	41000	D*	11/14/2024	0513
7439-92-1	Lead	52	D	11/14/2024	0513
7439-95-4	Magnesium	7100	D*	11/14/2024	0513
7439-96-5	Manganese	1100	D*	11/14/2024	0513
7440-02-0	Nickel	42	D*	11/14/2024	0513
7440-09-7	Potassium	2900	D	11/14/2024	0513
7782-49-2	Selenium	6.4	UD	11/14/2024	0513
7440-22-4	Silver	1.8	UD	11/14/2024	0513
7440-23-5	Sodium	220	JD	11/14/2024	0513
7440-28-0	Thallium	4.6	UD	11/14/2024	0513
7440-62-2	Vanadium	91	D*	11/14/2024	0513
7440-66-6	Zinc	120	D*	11/14/2024	0513

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4X8

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4T2

Matrix: SOIL Lab Sample ID: P4523-21

% Solids: 97.8 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	11/14/2024	0517
7440-36-0	Antimony	1.5	JD	11/14/2024	0517
7440-38-2	Arsenic	34	D	11/14/2024	0517
7440-39-3	Barium	200	D	11/14/2024	0517
7440-41-7	Beryllium	0.48	JD	11/14/2024	0517
7440-43-9	Cadmium	1.3	D	11/14/2024	0517
7440-70-2	Calcium	2700	D*	11/14/2024	0517
7440-47-3	Chromium	36	D*	11/14/2024	0517
7440-48-4	Cobalt	23	D	11/14/2024	0517
7440-50-8	Copper	120	D*	11/14/2024	0517
7439-89-6	Iron	38000	D*	11/14/2024	0517
7439-92-1	Lead	49	D	11/14/2024	0517
7439-95-4	Magnesium	7600	D*	11/14/2024	0517
7439-96-5	Manganese	1100	D*	11/14/2024	0517
7440-02-0	Nickel	44	D*	11/14/2024	0517
7440-09-7	Potassium	2600	D	11/14/2024	0517
7782-49-2	Selenium	5.4	UD	11/14/2024	0517
7440-22-4	Silver	1.5	UD	11/14/2024	0517
7440-23-5	Sodium	200	JD	11/14/2024	0517
7440-28-0	Thallium	3.8	UD	11/14/2024	0517
7440-62-2	Vanadium	91	D*	11/14/2024	0517
7440-66-6	Zinc	110	D*	11/14/2024	0517

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4X9

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE4T2

Matrix: SOIL Lab Sample ID: P4523-22

% Solids: 96.9 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	19000	D	11/14/2024	0522
7440-36-0	Antimony	1.3	JD	11/14/2024	0522
7440-38-2	Arsenic	44	D	11/14/2024	0522
7440-39-3	Barium	200	D	11/14/2024	0522
7440-41-7	Beryllium	0.64	JD	11/14/2024	0522
7440-43-9	Cadmium	0.79	JD	11/14/2024	0522
7440-70-2	Calcium	3800	D*	11/14/2024	0522
7440-47-3	Chromium	40	D*	11/14/2024	0522
7440-48-4	Cobalt	25	D	11/14/2024	0522
7440-50-8	Copper	78	D*	11/14/2024	0522
7439-89-6	Iron	48000	D*	11/14/2024	0522
7439-92-1	Lead	29	D	11/14/2024	0522
7439-95-4	Magnesium	7100	D*	11/14/2024	0522
7439-96-5	Manganese	900	D*	11/14/2024	0522
7440-02-0	Nickel	44	D*	11/14/2024	0522
7440-09-7	Potassium	3000	D	11/14/2024	0522
7782-49-2	Selenium	6.5	UD	11/14/2024	0522
7440-22-4	Silver	1.8	UD	11/14/2024	0522
7440-23-5	Sodium	250	JD	11/14/2024	0522
7440-28-0	Thallium	4.6	UD	11/14/2024	0522
7440-62-2	Vanadium	110	D*	11/14/2024	0522
7440-66-6	Zinc	90	D*	11/14/2024	0522

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

Comments: