

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE490

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE490

Matrix: SOIL Lab Sample ID: P4480-01

% Solids: 93.1 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	19000	D	10/29/2024	1959
7440-36-0	Antimony	1.4	JD	10/29/2024	1959
7440-38-2	Arsenic	43	D	10/29/2024	1959
7440-39-3	Barium	210	D	10/29/2024	1959
7440-41-7	Beryllium	0.90	D	10/29/2024	1959
7440-43-9	Cadmium	0.85	D	10/29/2024	1959
7440-70-2	Calcium	12000	D	10/29/2024	1959
7440-47-3	Chromium	40	D	10/29/2024	1959
7440-48-4	Cobalt	21	D	10/29/2024	1959
7440-50-8	Copper	130	D	10/29/2024	1959
7439-89-6	Iron	39000	D	10/29/2024	1959
7439-92-1	Lead	38	D*	10/29/2024	1959
7439-95-4	Magnesium	8600	D	10/29/2024	1959
7439-96-5	Manganese	1100	D	10/29/2024	1959
7440-02-0	Nickel	40	D	10/29/2024	1959
7440-09-7	Potassium	5200	D	10/29/2024	1959
7782-49-2	Selenium	6.0	UD*	10/29/2024	1959
7440-22-4	Silver	1.7	UD	10/29/2024	1959
7440-23-5	Sodium	200	JD	10/29/2024	1959
7440-28-0	Thallium	4.3	UD	10/29/2024	1959
7440-62-2	Vanadium	72	D	10/29/2024	1959
7440-66-6	Zinc	100	D	10/29/2024	1959

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE491

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE490

Matrix: SOIL Lab Sample ID: P4480-02

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

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	16000	D	10/29/2024	2004
7440-36-0	Antimony	0.76	JD	10/29/2024	2004
7440-38-2	Arsenic	17	D	10/29/2024	2004
7440-39-3	Barium	160	D	10/29/2024	2004
7440-41-7	Beryllium	0.77	JD	10/29/2024	2004
7440-43-9	Cadmium	0.25	JD	10/29/2024	2004
7440-70-2	Calcium	21000	D	10/29/2024	2004
7440-47-3	Chromium	33	D	10/29/2024	2004
7440-48-4	Cobalt	20	D	10/29/2024	2004
7440-50-8	Copper	56	D	10/29/2024	2004
7439-89-6	Iron	34000	D	10/29/2024	2004
7439-92-1	Lead	18	D*	10/29/2024	2004
7439-95-4	Magnesium	13000	D	10/29/2024	2004
7439-96-5	Manganese	740	D	10/29/2024	2004
7440-02-0	Nickel	49	D	10/29/2024	2004
7440-09-7	Potassium	2200	D	10/29/2024	2004
7782-49-2	Selenium	5.8	UD*	10/29/2024	2004
7440-22-4	Silver	1.7	UD	10/29/2024	2004
7440-23-5	Sodium	530	JD	10/29/2024	2004
7440-28-0	Thallium	4.1	UD	10/29/2024	2004
7440-62-2	Vanadium	74	D	10/29/2024	2004
7440-66-6	Zinc	59	D	10/29/2024	2004

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE492

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE490

Matrix: SOIL Lab Sample ID: P4480-03

% Solids: 92.5 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	16000	D	10/29/2024	2008
7440-36-0	Antimony	1.0	JD	10/29/2024	2008
7440-38-2	Arsenic	22	D	10/29/2024	2008
7440-39-3	Barium	110	D	10/29/2024	2008
7440-41-7	Beryllium	0.64	JD	10/29/2024	2008
7440-43-9	Cadmium	0.36	JD	10/29/2024	2008
7440-70-2	Calcium	9600	D	10/29/2024	2008
7440-47-3	Chromium	55	D	10/29/2024	2008
7440-48-4	Cobalt	22	D	10/29/2024	2008
7440-50-8	Copper	81	D	10/29/2024	2008
7439-89-6	Iron	36000	D	10/29/2024	2008
7439-92-1	Lead	20	D*	10/29/2024	2008
7439-95-4	Magnesium	11000	D	10/29/2024	2008
7439-96-5	Manganese	770	D	10/29/2024	2008
7440-02-0	Nickel	43	D	10/29/2024	2008
7440-09-7	Potassium	2800	D	10/29/2024	2008
7782-49-2	Selenium	5.4	UD*	10/29/2024	2008
7440-22-4	Silver	1.5	UD	10/29/2024	2008
7440-23-5	Sodium	260	JD	10/29/2024	2008
7440-28-0	Thallium	3.8	UD	10/29/2024	2008
7440-62-2	Vanadium	79	D	10/29/2024	2008
7440-66-6	Zinc	64	D	10/29/2024	2008

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE493

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE490

Matrix: SOIL Lab Sample ID: P4480-04

% Solids: 90.8 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	17000	D	10/29/2024	2013
7440-36-0	Antimony	1.0	JD	10/29/2024	2013
7440-38-2	Arsenic	21	D	10/29/2024	2013
7440-39-3	Barium	150	D	10/29/2024	2013
7440-41-7	Beryllium	0.81	JD	10/29/2024	2013
7440-43-9	Cadmium	0.31	JD	10/29/2024	2013
7440-70-2	Calcium	15000	D	10/29/2024	2013
7440-47-3	Chromium	37	D	10/29/2024	2013
7440-48-4	Cobalt	21	D	10/29/2024	2013
7440-50-8	Copper	65	D	10/29/2024	2013
7439-89-6	Iron	36000	D	10/29/2024	2013
7439-92-1	Lead	20	D*	10/29/2024	2013
7439-95-4	Magnesium	11000	D	10/29/2024	2013
7439-96-5	Manganese	740	D	10/29/2024	2013
7440-02-0	Nickel	51	D	10/29/2024	2013
7440-09-7	Potassium	2600	D	10/29/2024	2013
7782-49-2	Selenium	6.5	UD*	10/29/2024	2013
7440-22-4	Silver	1.9	UD	10/29/2024	2013
7440-23-5	Sodium	550	JD	10/29/2024	2013
7440-28-0	Thallium	4.7	UD	10/29/2024	2013
7440-62-2	Vanadium	78	D	10/29/2024	2013
7440-66-6	Zinc	66	D	10/29/2024	2013

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE494

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE490

Matrix: SOIL Lab Sample ID: P4480-05

% 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	20000	D	10/29/2024	2017
7440-36-0	Antimony	1.5	JD	10/29/2024	2017
7440-38-2	Arsenic	38	D	10/29/2024	2017
7440-39-3	Barium	240	D	10/29/2024	2017
7440-41-7	Beryllium	0.88	D	10/29/2024	2017
7440-43-9	Cadmium	0.37	JD	10/29/2024	2017
7440-70-2	Calcium	11000	D	10/29/2024	2017
7440-47-3	Chromium	36	D	10/29/2024	2017
7440-48-4	Cobalt	20	D	10/29/2024	2017
7440-50-8	Copper	67	D	10/29/2024	2017
7439-89-6	Iron	39000	D	10/29/2024	2017
7439-92-1	Lead	23	D*	10/29/2024	2017
7439-95-4	Magnesium	8900	D	10/29/2024	2017
7439-96-5	Manganese	790	D	10/29/2024	2017
7440-02-0	Nickel	44	D	10/29/2024	2017
7440-09-7	Potassium	3700	D	10/29/2024	2017
7782-49-2	Selenium	5.7	UD*	10/29/2024	2017
7440-22-4	Silver	1.6	UD	10/29/2024	2017
7440-23-5	Sodium	280	JD	10/29/2024	2017
7440-28-0	Thallium	4.0	UD	10/29/2024	2017
7440-62-2	Vanadium	75	D	10/29/2024	2017
7440-66-6	Zinc	67	D	10/29/2024	2017

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE495

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE490

Matrix: SOIL Lab Sample ID: P4480-08

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

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	15000	D	10/29/2024	2035
7440-36-0	Antimony	1.4	JD	10/29/2024	2035
7440-38-2	Arsenic	20	D	10/29/2024	2035
7440-39-3	Barium	86	D	10/29/2024	2035
7440-41-7	Beryllium	0.62	JD	10/29/2024	2035
7440-43-9	Cadmium	0.20	JD	10/29/2024	2035
7440-70-2	Calcium	10000	D	10/29/2024	2035
7440-47-3	Chromium	36	D	10/29/2024	2035
7440-48-4	Cobalt	20	D	10/29/2024	2035
7440-50-8	Copper	57	D	10/29/2024	2035
7439-89-6	Iron	38000	D	10/29/2024	2035
7439-92-1	Lead	15	D*	10/29/2024	2035
7439-95-4	Magnesium	9700	D	10/29/2024	2035
7439-96-5	Manganese	630	D	10/29/2024	2035
7440-02-0	Nickel	36	D	10/29/2024	2035
7440-09-7	Potassium	2200	D	10/29/2024	2035
7782-49-2	Selenium	6.5	UD*	10/29/2024	2035
7440-22-4	Silver	1.9	UD	10/29/2024	2035
7440-23-5	Sodium	280	JD	10/29/2024	2035
7440-28-0	Thallium	4.6	UD	10/29/2024	2035
7440-62-2	Vanadium	96	D	10/29/2024	2035
7440-66-6	Zinc	53	D	10/29/2024	2035

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE496

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE490

Matrix: SOIL Lab Sample ID: P4480-09

% Solids: 94.6 Date Received: 10/22/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	20000	D	10/29/2024	2039
7440-36-0	Antimony	0.90	JD	10/29/2024	2039
7440-38-2	Arsenic	29	D	10/29/2024	2039
7440-39-3	Barium	220	D	10/29/2024	2039
7440-41-7	Beryllium	0.92	D	10/29/2024	2039
7440-43-9	Cadmium	0.30	JD	10/29/2024	2039
7440-70-2	Calcium	7700	D	10/29/2024	2039
7440-47-3	Chromium	41	D	10/29/2024	2039
7440-48-4	Cobalt	22	D	10/29/2024	2039
7440-50-8	Copper	58	D	10/29/2024	2039
7439-89-6	Iron	38000	D	10/29/2024	2039
7439-92-1	Lead	19	D*	10/29/2024	2039
7439-95-4	Magnesium	8100	D	10/29/2024	2039
7439-96-5	Manganese	1000	D	10/29/2024	2039
7440-02-0	Nickel	39	D	10/29/2024	2039
7440-09-7	Potassium	4200	D	10/29/2024	2039
7782-49-2	Selenium	5.9	UD*	10/29/2024	2039
7440-22-4	Silver	1.7	UD	10/29/2024	2039
7440-23-5	Sodium	200	JD	10/29/2024	2039
7440-28-0	Thallium	4.2	UD	10/29/2024	2039
7440-62-2	Vanadium	69	D	10/29/2024	2039
7440-66-6	Zinc	72	D	10/29/2024	2039

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE497

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE490

Matrix: SOIL Lab Sample ID: P4480-10

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

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	18000	D	10/29/2024	2044
7440-36-0	Antimony	1.3	JD	10/29/2024	2044
7440-38-2	Arsenic	22	D	10/29/2024	2044
7440-39-3	Barium	150	D	10/29/2024	2044
7440-41-7	Beryllium	0.79	JD	10/29/2024	2044
7440-43-9	Cadmium	0.21	JD	10/29/2024	2044
7440-70-2	Calcium	12000	D	10/29/2024	2044
7440-47-3	Chromium	36	D	10/29/2024	2044
7440-48-4	Cobalt	20	D	10/29/2024	2044
7440-50-8	Copper	59	D	10/29/2024	2044
7439-89-6	Iron	37000	D	10/29/2024	2044
7439-92-1	Lead	17	D*	10/29/2024	2044
7439-95-4	Magnesium	10000	D	10/29/2024	2044
7439-96-5	Manganese	710	D	10/29/2024	2044
7440-02-0	Nickel	51	D	10/29/2024	2044
7440-09-7	Potassium	2100	D	10/29/2024	2044
7782-49-2	Selenium	6.4	UD*	10/29/2024	2044
7440-22-4	Silver	1.8	UD	10/29/2024	2044
7440-23-5	Sodium	700	JD	10/29/2024	2044
7440-28-0	Thallium	4.6	UD	10/29/2024	2044
7440-62-2	Vanadium	78	D	10/29/2024	2044
7440-66-6	Zinc	58	D	10/29/2024	2044

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE498

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE490

Matrix: SOIL Lab Sample ID: P4480-11

% Solids: 97.9 Date Received: 10/22/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	13000	D	10/29/2024	2048
7440-36-0	Antimony	0.92	JD	10/29/2024	2048
7440-38-2	Arsenic	16	D	10/29/2024	2048
7440-39-3	Barium	110	D	10/29/2024	2048
7440-41-7	Beryllium	0.59	JD	10/29/2024	2048
7440-43-9	Cadmium	0.21	JD	10/29/2024	2048
7440-70-2	Calcium	20000	D	10/29/2024	2048
7440-47-3	Chromium	29	D	10/29/2024	2048
7440-48-4	Cobalt	17	D	10/29/2024	2048
7440-50-8	Copper	43	D	10/29/2024	2048
7439-89-6	Iron	31000	D	10/29/2024	2048
7439-92-1	Lead	14	D*	10/29/2024	2048
7439-95-4	Magnesium	8600	D	10/29/2024	2048
7439-96-5	Manganese	550	D	10/29/2024	2048
7440-02-0	Nickel	33	D	10/29/2024	2048
7440-09-7	Potassium	1700	D	10/29/2024	2048
7782-49-2	Selenium	5.1	UD*	10/29/2024	2048
7440-22-4	Silver	1.5	UD	10/29/2024	2048
7440-23-5	Sodium	360	JD	10/29/2024	2048
7440-28-0	Thallium	3.7	UD	10/29/2024	2048
7440-62-2	Vanadium	73	D	10/29/2024	2048
7440-66-6	Zinc	49	D	10/29/2024	2048

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE499

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE490

Matrix: SOIL Lab Sample ID: P4480-12

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

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	22000	D	10/29/2024	2052
7440-36-0	Antimony	1.8	JD	10/29/2024	2052
7440-38-2	Arsenic	43	D	10/29/2024	2052
7440-39-3	Barium	230	D	10/29/2024	2052
7440-41-7	Beryllium	1.0	D	10/29/2024	2052
7440-43-9	Cadmium	1.1	D	10/29/2024	2052
7440-70-2	Calcium	17000	D	10/29/2024	2052
7440-47-3	Chromium	44	D	10/29/2024	2052
7440-48-4	Cobalt	23	D	10/29/2024	2052
7440-50-8	Copper	170	D	10/29/2024	2052
7439-89-6	Iron	43000	D	10/29/2024	2052
7439-92-1	Lead	43	D*	10/29/2024	2052
7439-95-4	Magnesium	9900	D	10/29/2024	2052
7439-96-5	Manganese	1100	D	10/29/2024	2052
7440-02-0	Nickel	44	D	10/29/2024	2052
7440-09-7	Potassium	5700	D	10/29/2024	2052
7782-49-2	Selenium	6.6	UD*	10/29/2024	2052
7440-22-4	Silver	1.9	UD	10/29/2024	2052
7440-23-5	Sodium	280	JD	10/29/2024	2052
7440-28-0	Thallium	4.7	UD	10/29/2024	2052
7440-62-2	Vanadium	81	D	10/29/2024	2052
7440-66-6	Zinc	120	D	10/29/2024	2052

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4A0

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE490

Matrix: SOIL Lab Sample ID: P4480-13

% 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	17000	D	10/29/2024	2057
7440-36-0	Antimony	1.4	JD	10/29/2024	2057
7440-38-2	Arsenic	40	D	10/29/2024	2057
7440-39-3	Barium	190	D	10/29/2024	2057
7440-41-7	Beryllium	0.82	JD	10/29/2024	2057
7440-43-9	Cadmium	0.72	JD	10/29/2024	2057
7440-70-2	Calcium	9600	D	10/29/2024	2057
7440-47-3	Chromium	34	D	10/29/2024	2057
7440-48-4	Cobalt	19	D	10/29/2024	2057
7440-50-8	Copper	110	D	10/29/2024	2057
7439-89-6	Iron	37000	D	10/29/2024	2057
7439-92-1	Lead	33	D*	10/29/2024	2057
7439-95-4	Magnesium	7800	D	10/29/2024	2057
7439-96-5	Manganese	980	D	10/29/2024	2057
7440-02-0	Nickel	36	D	10/29/2024	2057
7440-09-7	Potassium	5000	D	10/29/2024	2057
7782-49-2	Selenium	6.3	UD*	10/29/2024	2057
7440-22-4	Silver	1.8	UD	10/29/2024	2057
7440-23-5	Sodium	210	JD	10/29/2024	2057
7440-28-0	Thallium	4.5	UD	10/29/2024	2057
7440-62-2	Vanadium	72	D	10/29/2024	2057
7440-66-6	Zinc	89	D	10/29/2024	2057

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4A1

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE490

Matrix: SOIL Lab Sample ID: P4480-14

% 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	14000	D	10/29/2024	2110
7440-36-0	Antimony	1.4	JD	10/29/2024	2110
7440-38-2	Arsenic	20	D	10/29/2024	2110
7440-39-3	Barium	140	D	10/29/2024	2110
7440-41-7	Beryllium	0.63	JD	10/29/2024	2110
7440-43-9	Cadmium	0.28	JD	10/29/2024	2110
7440-70-2	Calcium	18000	D	10/29/2024	2110
7440-47-3	Chromium	30	D	10/29/2024	2110
7440-48-4	Cobalt	17	D	10/29/2024	2110
7440-50-8	Copper	48	D	10/29/2024	2110
7439-89-6	Iron	30000	D	10/29/2024	2110
7439-92-1	Lead	15	D*	10/29/2024	2110
7439-95-4	Magnesium	9700	D	10/29/2024	2110
7439-96-5	Manganese	600	D	10/29/2024	2110
7440-02-0	Nickel	39	D	10/29/2024	2110
7440-09-7	Potassium	2200	D	10/29/2024	2110
7782-49-2	Selenium	5.4	UD*	10/29/2024	2110
7440-22-4	Silver	1.5	UD	10/29/2024	2110
7440-23-5	Sodium	370	JD	10/29/2024	2110
7440-28-0	Thallium	3.8	UD	10/29/2024	2110
7440-62-2	Vanadium	64	D	10/29/2024	2110
7440-66-6	Zinc	54	D	10/29/2024	2110

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4A2

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE490

Matrix: SOIL Lab Sample ID: P4480-15

% Solids: 94.8 Date Received: 10/22/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	16000	D	10/29/2024	2114
7440-36-0	Antimony	1.4	JD	10/29/2024	2114
7440-38-2	Arsenic	31	D	10/29/2024	2114
7440-39-3	Barium	170	D	10/29/2024	2114
7440-41-7	Beryllium	0.78	JD	10/29/2024	2114
7440-43-9	Cadmium	0.66	JD	10/29/2024	2114
7440-70-2	Calcium	6100	D	10/29/2024	2114
7440-47-3	Chromium	33	D	10/29/2024	2114
7440-48-4	Cobalt	17	D	10/29/2024	2114
7440-50-8	Copper	110	D	10/29/2024	2114
7439-89-6	Iron	31000	D	10/29/2024	2114
7439-92-1	Lead	29	D*	10/29/2024	2114
7439-95-4	Magnesium	6800	D	10/29/2024	2114
7439-96-5	Manganese	770	D	10/29/2024	2114
7440-02-0	Nickel	32	D	10/29/2024	2114
7440-09-7	Potassium	4300	D	10/29/2024	2114
7782-49-2	Selenium	5.9	UD*	10/29/2024	2114
7440-22-4	Silver	1.7	UD	10/29/2024	2114
7440-23-5	Sodium	200	JD	10/29/2024	2114
7440-28-0	Thallium	4.2	UD	10/29/2024	2114
7440-62-2	Vanadium	59	D	10/29/2024	2114
7440-66-6	Zinc	83	D	10/29/2024	2114

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4A3

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE490

Matrix: SOIL Lab Sample ID: P4480-16

% 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	11000	D	10/29/2024	2119
7440-36-0	Antimony	0.83	JD	10/29/2024	2119
7440-38-2	Arsenic	17	D	10/29/2024	2119
7440-39-3	Barium	120	D	10/29/2024	2119
7440-41-7	Beryllium	0.56	JD	10/29/2024	2119
7440-43-9	Cadmium	0.22	JD	10/29/2024	2119
7440-70-2	Calcium	20000	D	10/29/2024	2119
7440-47-3	Chromium	29	D	10/29/2024	2119
7440-48-4	Cobalt	13	D	10/29/2024	2119
7440-50-8	Copper	39	D	10/29/2024	2119
7439-89-6	Iron	27000	D	10/29/2024	2119
7439-92-1	Lead	13	D*	10/29/2024	2119
7439-95-4	Magnesium	9500	D	10/29/2024	2119
7439-96-5	Manganese	510	D	10/29/2024	2119
7440-02-0	Nickel	33	D	10/29/2024	2119
7440-09-7	Potassium	2100	D	10/29/2024	2119
7782-49-2	Selenium	6.2	UD*	10/29/2024	2119
7440-22-4	Silver	1.8	UD	10/29/2024	2119
7440-23-5	Sodium	410	JD	10/29/2024	2119
7440-28-0	Thallium	4.4	UD	10/29/2024	2119
7440-62-2	Vanadium	57	D	10/29/2024	2119
7440-66-6	Zinc	52	D	10/29/2024	2119

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4A4

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE490

Matrix: SOIL Lab Sample ID: P4480-17

% 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	15000	D	10/29/2024	2123
7440-36-0	Antimony	1.1	JD	10/29/2024	2123
7440-38-2	Arsenic	17	D	10/29/2024	2123
7440-39-3	Barium	170	D	10/29/2024	2123
7440-41-7	Beryllium	0.71	JD	10/29/2024	2123
7440-43-9	Cadmium	0.23	JD	10/29/2024	2123
7440-70-2	Calcium	14000	D	10/29/2024	2123
7440-47-3	Chromium	30	D	10/29/2024	2123
7440-48-4	Cobalt	19	D	10/29/2024	2123
7440-50-8	Copper	55	D	10/29/2024	2123
7439-89-6	Iron	31000	D	10/29/2024	2123
7439-92-1	Lead	14	D*	10/29/2024	2123
7439-95-4	Magnesium	10000	D	10/29/2024	2123
7439-96-5	Manganese	670	D	10/29/2024	2123
7440-02-0	Nickel	48	D	10/29/2024	2123
7440-09-7	Potassium	1800	D	10/29/2024	2123
7782-49-2	Selenium	5.1	UD*	10/29/2024	2123
7440-22-4	Silver	1.4	UD	10/29/2024	2123
7440-23-5	Sodium	580	JD	10/29/2024	2123
7440-28-0	Thallium	3.6	UD	10/29/2024	2123
7440-62-2	Vanadium	64	D	10/29/2024	2123
7440-66-6	Zinc	52	D	10/29/2024	2123

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4A5

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE490

Matrix: SOIL Lab Sample ID: P4480-18

% 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	18000	D	10/29/2024	2128
7440-36-0	Antimony	0.77	JD	10/29/2024	2128
7440-38-2	Arsenic	41	D	10/29/2024	2128
7440-39-3	Barium	200	D	10/29/2024	2128
7440-41-7	Beryllium	0.90	D	10/29/2024	2128
7440-43-9	Cadmium	0.82	D	10/29/2024	2128
7440-70-2	Calcium	11000	D	10/29/2024	2128
7440-47-3	Chromium	38	D	10/29/2024	2128
7440-48-4	Cobalt	20	D	10/29/2024	2128
7440-50-8	Copper	130	D	10/29/2024	2128
7439-89-6	Iron	37000	D	10/29/2024	2128
7439-92-1	Lead	37	D*	10/29/2024	2128
7439-95-4	Magnesium	7900	D	10/29/2024	2128
7439-96-5	Manganese	960	D	10/29/2024	2128
7440-02-0	Nickel	38	D	10/29/2024	2128
7440-09-7	Potassium	4800	D	10/29/2024	2128
7782-49-2	Selenium	5.5	UD*	10/29/2024	2128
7440-22-4	Silver	1.6	UD	10/29/2024	2128
7440-23-5	Sodium	240	JD	10/29/2024	2128
7440-28-0	Thallium	3.9	UD	10/29/2024	2128
7440-62-2	Vanadium	71	D	10/29/2024	2128
7440-66-6	Zinc	97	D	10/29/2024	2128

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4A6

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE490

Matrix: SOIL Lab Sample ID: P4480-19

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

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	22000	D	10/29/2024	2132
7440-36-0	Antimony	1.7	JD	10/29/2024	2132
7440-38-2	Arsenic	40	D	10/29/2024	2132
7440-39-3	Barium	230	D	10/29/2024	2132
7440-41-7	Beryllium	1.0	D	10/29/2024	2132
7440-43-9	Cadmium	0.83	JD	10/29/2024	2132
7440-70-2	Calcium	11000	D	10/29/2024	2132
7440-47-3	Chromium	44	D	10/29/2024	2132
7440-48-4	Cobalt	23	D	10/29/2024	2132
7440-50-8	Copper	120	D	10/29/2024	2132
7439-89-6	Iron	42000	D	10/29/2024	2132
7439-92-1	Lead	38	D*	10/29/2024	2132
7439-95-4	Magnesium	9300	D	10/29/2024	2132
7439-96-5	Manganese	1100	D	10/29/2024	2132
7440-02-0	Nickel	43	D	10/29/2024	2132
7440-09-7	Potassium	5200	D	10/29/2024	2132
7782-49-2	Selenium	6.8	UD*	10/29/2024	2132
7440-22-4	Silver	1.9	UD	10/29/2024	2132
7440-23-5	Sodium	250	JD	10/29/2024	2132
7440-28-0	Thallium	4.8	UD	10/29/2024	2132
7440-62-2	Vanadium	79	D	10/29/2024	2132
7440-66-6	Zinc	100	D	10/29/2024	2132

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4A7

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE490

Matrix: SOIL Lab Sample ID: P4480-20

% 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	21000	D	10/29/2024	2137
7440-36-0	Antimony	1.2	JD	10/29/2024	2137
7440-38-2	Arsenic	52	D	10/29/2024	2137
7440-39-3	Barium	260	D	10/29/2024	2137
7440-41-7	Beryllium	1.0	D	10/29/2024	2137
7440-43-9	Cadmium	0.49	JD	10/29/2024	2137
7440-70-2	Calcium	11000	D	10/29/2024	2137
7440-47-3	Chromium	41	D	10/29/2024	2137
7440-48-4	Cobalt	25	D	10/29/2024	2137
7440-50-8	Copper	81	D	10/29/2024	2137
7439-89-6	Iron	46000	D	10/29/2024	2137
7439-92-1	Lead	26	D*	10/29/2024	2137
7439-95-4	Magnesium	9500	D	10/29/2024	2137
7439-96-5	Manganese	1300	D	10/29/2024	2137
7440-02-0	Nickel	45	D	10/29/2024	2137
7440-09-7	Potassium	4900	D	10/29/2024	2137
7782-49-2	Selenium	5.9	UD*	10/29/2024	2137
7440-22-4	Silver	1.7	UD	10/29/2024	2137
7440-23-5	Sodium	260	JD	10/29/2024	2137
7440-28-0	Thallium	4.2	UD	10/29/2024	2137
7440-62-2	Vanadium	86	D	10/29/2024	2137
7440-66-6	Zinc	82	D	10/29/2024	2137

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

Comments:

FORM 1 - IN
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MYE4A8

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE490

Matrix: SOIL Lab Sample ID: P4480-21

% Solids: 97.9 Date Received: 10/22/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	18000	D	10/29/2024	2141
7440-36-0	Antimony	1.5	JD	10/29/2024	2141
7440-38-2	Arsenic	45	D	10/29/2024	2141
7440-39-3	Barium	290	D	10/29/2024	2141
7440-41-7	Beryllium	0.95	D	10/29/2024	2141
7440-43-9	Cadmium	0.66	JD	10/29/2024	2141
7440-70-2	Calcium	14000	D	10/29/2024	2141
7440-47-3	Chromium	36	D	10/29/2024	2141
7440-48-4	Cobalt	21	D	10/29/2024	2141
7440-50-8	Copper	82	D	10/29/2024	2141
7439-89-6	Iron	46000	D	10/29/2024	2141
7439-92-1	Lead	33	D*	10/29/2024	2141
7439-95-4	Magnesium	8600	D	10/29/2024	2141
7439-96-5	Manganese	1900	D	10/29/2024	2141
7440-02-0	Nickel	38	D	10/29/2024	2141
7440-09-7	Potassium	3600	D	10/29/2024	2141
7782-49-2	Selenium	5.6	UD*	10/29/2024	2141
7440-22-4	Silver	1.6	UD	10/29/2024	2141
7440-23-5	Sodium	210	JD	10/29/2024	2141
7440-28-0	Thallium	4.0	UD	10/29/2024	2141
7440-62-2	Vanadium	86	D	10/29/2024	2141
7440-66-6	Zinc	86	D	10/29/2024	2141

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4A9

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE490

Matrix: SOIL Lab Sample ID: P4480-22

% Solids: 97.5 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	10/29/2024	2145
7440-36-0	Antimony	1.5	JD	10/29/2024	2145
7440-38-2	Arsenic	78	D	10/29/2024	2145
7440-39-3	Barium	270	D	10/29/2024	2145
7440-41-7	Beryllium	1.1	D	10/29/2024	2145
7440-43-9	Cadmium	1.1	D	10/29/2024	2145
7440-70-2	Calcium	10000	D	10/29/2024	2145
7440-47-3	Chromium	49	D	10/29/2024	2145
7440-48-4	Cobalt	27	D	10/29/2024	2145
7440-50-8	Copper	150	D	10/29/2024	2145
7439-89-6	Iron	46000	D	10/29/2024	2145
7439-92-1	Lead	47	D*	10/29/2024	2145
7439-95-4	Magnesium	11000	D	10/29/2024	2145
7439-96-5	Manganese	1200	D	10/29/2024	2145
7440-02-0	Nickel	53	D	10/29/2024	2145
7440-09-7	Potassium	6100	D	10/29/2024	2145
7782-49-2	Selenium	6.2	UD*	10/29/2024	2145
7440-22-4	Silver	1.8	UD	10/29/2024	2145
7440-23-5	Sodium	250	JD	10/29/2024	2145
7440-28-0	Thallium	4.4	UD	10/29/2024	2145
7440-62-2	Vanadium	90	D	10/29/2024	2145
7440-66-6	Zinc	110	D	10/29/2024	2145

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

Comments: