

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDA93

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDA93

Matrix: SOIL Lab Sample ID: P4299-01

% Solids: 98.2 Date Received: 10/04/2024

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	10/19/2024	2346
7440-36-0	Antimony	1.9	JD [†]	10/19/2024	2346
7440-38-2	Arsenic	45	D [*]	10/19/2024	2346
7440-39-3	Barium	82	D [*]	10/19/2024	2346
7440-41-7	Beryllium	0.68	JD	10/19/2024	2346
7440-43-9	Cadmium	1.0	D	10/19/2024	2346
7440-70-2	Calcium	3200	D	10/19/2024	2346
7440-47-3	Chromium	83	D	10/19/2024	2346
7440-48-4	Cobalt	46	D	10/19/2024	2346
7440-50-8	Copper	200	D	10/19/2024	2346
7439-89-6	Iron	58000	D	10/19/2024	2346
7439-92-1	Lead	55	D	10/19/2024	2346
7439-95-4	Magnesium	15000	D	10/19/2024	2346
7439-96-5	Manganese	1300	D	10/19/2024	2346
7440-02-0	Nickel	60	D	10/19/2024	2346
7440-09-7	Potassium	2600	D	10/19/2024	2346
7782-49-2	Selenium	6.3	UD [†]	10/19/2024	2346
7440-22-4	Silver	1.8	UD	10/19/2024	2346
7440-23-5	Sodium	220	JD	10/19/2024	2346
7440-28-0	Thallium	4.5	UD	10/19/2024	2346
7440-62-2	Vanadium	120	D	10/19/2024	2346
7440-66-6	Zinc	140	D	10/19/2024	2346

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

Comments:

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MYDA94

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDA93

Matrix: SOIL Lab Sample ID: P4299-02

% Solids: 97.7 Date Received: 10/04/2024

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	10/19/2024	2350
7440-36-0	Antimony	1.7	JD [†]	10/19/2024	2350
7440-38-2	Arsenic	43	D [*]	10/19/2024	2350
7440-39-3	Barium	80	D [*]	10/19/2024	2350
7440-41-7	Beryllium	0.71	JD	10/19/2024	2350
7440-43-9	Cadmium	0.62	JD	10/19/2024	2350
7440-70-2	Calcium	3700	D	10/19/2024	2350
7440-47-3	Chromium	81	D	10/19/2024	2350
7440-48-4	Cobalt	55	D	10/19/2024	2350
7440-50-8	Copper	200	D	10/19/2024	2350
7439-89-6	Iron	60000	D	10/19/2024	2350
7439-92-1	Lead	44	D	10/19/2024	2350
7439-95-4	Magnesium	16000	D	10/19/2024	2350
7439-96-5	Manganese	1300	D	10/19/2024	2350
7440-02-0	Nickel	61	D	10/19/2024	2350
7440-09-7	Potassium	1500	D	10/19/2024	2350
7782-49-2	Selenium	5.9	UD [†]	10/19/2024	2350
7440-22-4	Silver	1.7	UD	10/19/2024	2350
7440-23-5	Sodium	240	JD	10/19/2024	2350
7440-28-0	Thallium	4.2	UD	10/19/2024	2350
7440-62-2	Vanadium	120	D	10/19/2024	2350
7440-66-6	Zinc	120	D	10/19/2024	2350

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

Comments:

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MYDA95

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDA93

Matrix: SOIL Lab Sample ID: P4299-03

% Solids: 97.9 Date Received: 10/04/2024

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	36000	D	10/19/2024	2354
7440-36-0	Antimony	2.1	JD [†]	10/19/2024	2354
7440-38-2	Arsenic	78	D [*]	10/19/2024	2354
7440-39-3	Barium	99	D [*]	10/19/2024	2354
7440-41-7	Beryllium	0.80	D	10/19/2024	2354
7440-43-9	Cadmium	0.79	D	10/19/2024	2354
7440-70-2	Calcium	2700	D	10/19/2024	2354
7440-47-3	Chromium	110	D	10/19/2024	2354
7440-48-4	Cobalt	51	D	10/19/2024	2354
7440-50-8	Copper	180	D	10/19/2024	2354
7439-89-6	Iron	80000	D	10/19/2024	2354
7439-92-1	Lead	38	D	10/19/2024	2354
7439-95-4	Magnesium	25000	D	10/19/2024	2354
7439-96-5	Manganese	1700	D	10/19/2024	2354
7440-02-0	Nickel	77	D	10/19/2024	2354
7440-09-7	Potassium	2900	D	10/19/2024	2354
7782-49-2	Selenium	5.0	UD [†]	10/19/2024	2354
7440-22-4	Silver	1.4	UD	10/19/2024	2354
7440-23-5	Sodium	300	JD	10/19/2024	2354
7440-28-0	Thallium	3.6	UD	10/19/2024	2354
7440-62-2	Vanadium	240	D	10/19/2024	2354
7440-66-6	Zinc	120	D	10/19/2024	2354

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

Comments:

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MYDA96

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDA93

Matrix: SOIL Lab Sample ID: P4299-04

% Solids: 98.4 Date Received: 10/04/2024

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	26000	D	10/19/2024	2359
7440-36-0	Antimony	1.5	JD [†]	10/19/2024	2359
7440-38-2	Arsenic	130	D [*]	10/19/2024	2359
7440-39-3	Barium	140	D [*]	10/19/2024	2359
7440-41-7	Beryllium	0.85	D	10/19/2024	2359
7440-43-9	Cadmium	0.48	JD	10/19/2024	2359
7440-70-2	Calcium	3300	D	10/19/2024	2359
7440-47-3	Chromium	96	D	10/19/2024	2359
7440-48-4	Cobalt	45	D	10/19/2024	2359
7440-50-8	Copper	120	D	10/19/2024	2359
7439-89-6	Iron	74000	D	10/19/2024	2359
7439-92-1	Lead	27	D	10/19/2024	2359
7439-95-4	Magnesium	17000	D	10/19/2024	2359
7439-96-5	Manganese	1800	D	10/19/2024	2359
7440-02-0	Nickel	71	D	10/19/2024	2359
7440-09-7	Potassium	3500	D	10/19/2024	2359
7782-49-2	Selenium	5.2	UD [†]	10/19/2024	2359
7440-22-4	Silver	1.5	UD	10/19/2024	2359
7440-23-5	Sodium	250	JD	10/19/2024	2359
7440-28-0	Thallium	3.7	UD	10/19/2024	2359
7440-62-2	Vanadium	200	D	10/19/2024	2359
7440-66-6	Zinc	110	D	10/19/2024	2359

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

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MYDA97

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDA93

Matrix: SOIL Lab Sample ID: P4299-05

% Solids: 98.3 Date Received: 10/04/2024

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	26000	D	10/20/2024	0003
7440-36-0	Antimony	2.2	JD [†]	10/20/2024	0003
7440-38-2	Arsenic	69	D [*]	10/20/2024	0003
7440-39-3	Barium	89	D [*]	10/20/2024	0003
7440-41-7	Beryllium	0.75	D	10/20/2024	0003
7440-43-9	Cadmium	1.2	D	10/20/2024	0003
7440-70-2	Calcium	3500	D	10/20/2024	0003
7440-47-3	Chromium	81	D	10/20/2024	0003
7440-48-4	Cobalt	58	D	10/20/2024	0003
7440-50-8	Copper	260	D	10/20/2024	0003
7439-89-6	Iron	65000	D	10/20/2024	0003
7439-92-1	Lead	82	D	10/20/2024	0003
7439-95-4	Magnesium	17000	D	10/20/2024	0003
7439-96-5	Manganese	1500	D	10/20/2024	0003
7440-02-0	Nickel	64	D	10/20/2024	0003
7440-09-7	Potassium	2100	D	10/20/2024	0003
7782-49-2	Selenium	4.8	UD [†]	10/20/2024	0003
7440-22-4	Silver	1.4	UD	10/20/2024	0003
7440-23-5	Sodium	270	JD	10/20/2024	0003
7440-28-0	Thallium	3.4	UD	10/20/2024	0003
7440-62-2	Vanadium	140	D	10/20/2024	0003
7440-66-6	Zinc	140	D	10/20/2024	0003

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

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MYDA98

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDA93

Matrix: SOIL Lab Sample ID: P4299-06

% Solids: 98.2 Date Received: 10/04/2024

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	34000	D	10/20/2024	0007
7440-36-0	Antimony	2.3	JD [†]	10/20/2024	0007
7440-38-2	Arsenic	88	D [*]	10/20/2024	0007
7440-39-3	Barium	160	D [*]	10/20/2024	0007
7440-41-7	Beryllium	1.1	D	10/20/2024	0007
7440-43-9	Cadmium	1.7	D	10/20/2024	0007
7440-70-2	Calcium	2500	D	10/20/2024	0007
7440-47-3	Chromium	55	D	10/20/2024	0007
7440-48-4	Cobalt	44	D	10/20/2024	0007
7440-50-8	Copper	230	D	10/20/2024	0007
7439-89-6	Iron	82000	D	10/20/2024	0007
7439-92-1	Lead	73	D	10/20/2024	0007
7439-95-4	Magnesium	21000	D	10/20/2024	0007
7439-96-5	Manganese	1800	D	10/20/2024	0007
7440-02-0	Nickel	51	D	10/20/2024	0007
7440-09-7	Potassium	2700	D	10/20/2024	0007
7782-49-2	Selenium	5.8	UD [†]	10/20/2024	0007
7440-22-4	Silver	1.7	UD	10/20/2024	0007
7440-23-5	Sodium	310	JD	10/20/2024	0007
7440-28-0	Thallium	4.1	UD	10/20/2024	0007
7440-62-2	Vanadium	250	D	10/20/2024	0007
7440-66-6	Zinc	170	D	10/20/2024	0007

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

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MYDA99

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDA93

Matrix: SOIL Lab Sample ID: P4299-07

% Solids: 99.8 Date Received: 10/04/2024

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	8300	D	10/20/2024	0012
7440-36-0	Antimony	9.1	UD [†]	10/20/2024	0012
7440-38-2	Arsenic	21	D [*]	10/20/2024	0012
7440-39-3	Barium	91	D [*]	10/20/2024	0012
7440-41-7	Beryllium	0.38	JD	10/20/2024	0012
7440-43-9	Cadmium	0.20	JD	10/20/2024	0012
7440-70-2	Calcium	2800	D	10/20/2024	0012
7440-47-3	Chromium	17	D	10/20/2024	0012
7440-48-4	Cobalt	12	D	10/20/2024	0012
7440-50-8	Copper	53	D	10/20/2024	0012
7439-89-6	Iron	25000	D	10/20/2024	0012
7439-92-1	Lead	16	D	10/20/2024	0012
7439-95-4	Magnesium	4900	D	10/20/2024	0012
7439-96-5	Manganese	470	D	10/20/2024	0012
7440-02-0	Nickel	15	D	10/20/2024	0012
7440-09-7	Potassium	1900	D	10/20/2024	0012
7782-49-2	Selenium	5.3	UD [†]	10/20/2024	0012
7440-22-4	Silver	1.5	UD	10/20/2024	0012
7440-23-5	Sodium	760	UD	10/20/2024	0012
7440-28-0	Thallium	3.8	UD	10/20/2024	0012
7440-62-2	Vanadium	58	D	10/20/2024	0012
7440-66-6	Zinc	53	D	10/20/2024	0012

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

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MYDAA0

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDA93

Matrix: SOIL Lab Sample ID: P4299-08

% Solids: 98.5 Date Received: 10/04/2024

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	10/20/2024	0016
7440-36-0	Antimony	1.5	JD [†]	10/20/2024	0016
7440-38-2	Arsenic	77	D [*]	10/20/2024	0016
7440-39-3	Barium	170	D [*]	10/20/2024	0016
7440-41-7	Beryllium	0.87	D	10/20/2024	0016
7440-43-9	Cadmium	0.48	JD	10/20/2024	0016
7440-70-2	Calcium	2900	D	10/20/2024	0016
7440-47-3	Chromium	63	D	10/20/2024	0016
7440-48-4	Cobalt	40	D	10/20/2024	0016
7440-50-8	Copper	150	D	10/20/2024	0016
7439-89-6	Iron	65000	D	10/20/2024	0016
7439-92-1	Lead	32	D	10/20/2024	0016
7439-95-4	Magnesium	13000	D	10/20/2024	0016
7439-96-5	Manganese	1300	D	10/20/2024	0016
7440-02-0	Nickel	57	D	10/20/2024	0016
7440-09-7	Potassium	3600	D	10/20/2024	0016
7782-49-2	Selenium	4.9	UD [†]	10/20/2024	0016
7440-22-4	Silver	1.4	UD	10/20/2024	0016
7440-23-5	Sodium	250	JD	10/20/2024	0016
7440-28-0	Thallium	3.5	UD	10/20/2024	0016
7440-62-2	Vanadium	170	D	10/20/2024	0016
7440-66-6	Zinc	88	D	10/20/2024	0016

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

Comments:

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MYDAA1

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDA93

Matrix: SOIL Lab Sample ID: P4299-09

% Solids: 97.5 Date Received: 10/04/2024

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	27000	D	10/20/2024	0029
7440-36-0	Antimony	1.9	JD*	10/20/2024	0029
7440-38-2	Arsenic	66	D*	10/20/2024	0029
7440-39-3	Barium	130	D*	10/20/2024	0029
7440-41-7	Beryllium	0.73	JD	10/20/2024	0029
7440-43-9	Cadmium	1.1	D	10/20/2024	0029
7440-70-2	Calcium	6100	D	10/20/2024	0029
7440-47-3	Chromium	82	D	10/20/2024	0029
7440-48-4	Cobalt	39	D	10/20/2024	0029
7440-50-8	Copper	200	D	10/20/2024	0029
7439-89-6	Iron	62000	D	10/20/2024	0029
7439-92-1	Lead	68	D	10/20/2024	0029
7439-95-4	Magnesium	18000	D	10/20/2024	0029
7439-96-5	Manganese	1300	D	10/20/2024	0029
7440-02-0	Nickel	62	D	10/20/2024	0029
7440-09-7	Potassium	2100	D	10/20/2024	0029
7782-49-2	Selenium	6.9	UD*	10/20/2024	0029
7440-22-4	Silver	2.0	UD	10/20/2024	0029
7440-23-5	Sodium	210	JD	10/20/2024	0029
7440-28-0	Thallium	4.9	UD	10/20/2024	0029
7440-62-2	Vanadium	170	D	10/20/2024	0029
7440-66-6	Zinc	150	D	10/20/2024	0029

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

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MYDAA2

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDA93

Matrix: SOIL Lab Sample ID: P4299-10

% Solids: 98.6 Date Received: 10/04/2024

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	27000	D	10/20/2024	0034
7440-36-0	Antimony	1.3	JD [†]	10/20/2024	0034
7440-38-2	Arsenic	40	D [*]	10/20/2024	0034
7440-39-3	Barium	200	D [*]	10/20/2024	0034
7440-41-7	Beryllium	0.80	JD	10/20/2024	0034
7440-43-9	Cadmium	0.57	JD	10/20/2024	0034
7440-70-2	Calcium	18000	D	10/20/2024	0034
7440-47-3	Chromium	49	D	10/20/2024	0034
7440-48-4	Cobalt	36	D	10/20/2024	0034
7440-50-8	Copper	110	D	10/20/2024	0034
7439-89-6	Iron	65000	D	10/20/2024	0034
7439-92-1	Lead	26	D	10/20/2024	0034
7439-95-4	Magnesium	17000	D	10/20/2024	0034
7439-96-5	Manganese	1400	D	10/20/2024	0034
7440-02-0	Nickel	55	D	10/20/2024	0034
7440-09-7	Potassium	5200	D	10/20/2024	0034
7782-49-2	Selenium	6.3	UD [†]	10/20/2024	0034
7440-22-4	Silver	1.8	UD	10/20/2024	0034
7440-23-5	Sodium	340	JD	10/20/2024	0034
7440-28-0	Thallium	4.5	UD	10/20/2024	0034
7440-62-2	Vanadium	190	D	10/20/2024	0034
7440-66-6	Zinc	140	D	10/20/2024	0034

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

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MYDAA3

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDA93

Matrix: SOIL Lab Sample ID: P4299-11

% Solids: 98.3 Date Received: 10/04/2024

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	10/20/2024	0038
7440-36-0	Antimony	1.4	JD*	10/20/2024	0038
7440-38-2	Arsenic	100	D*	10/20/2024	0038
7440-39-3	Barium	110	D*	10/20/2024	0038
7440-41-7	Beryllium	0.70	JD	10/20/2024	0038
7440-43-9	Cadmium	1.1	D	10/20/2024	0038
7440-70-2	Calcium	3200	D	10/20/2024	0038
7440-47-3	Chromium	65	D	10/20/2024	0038
7440-48-4	Cobalt	36	D	10/20/2024	0038
7440-50-8	Copper	210	D	10/20/2024	0038
7439-89-6	Iron	57000	D	10/20/2024	0038
7439-92-1	Lead	76	D	10/20/2024	0038
7439-95-4	Magnesium	14000	D	10/20/2024	0038
7439-96-5	Manganese	1200	D	10/20/2024	0038
7440-02-0	Nickel	56	D	10/20/2024	0038
7440-09-7	Potassium	2400	D	10/20/2024	0038
7782-49-2	Selenium	6.2	UD*	10/20/2024	0038
7440-22-4	Silver	1.8	UD	10/20/2024	0038
7440-23-5	Sodium	210	JD	10/20/2024	0038
7440-28-0	Thallium	4.4	UD	10/20/2024	0038
7440-62-2	Vanadium	140	D	10/20/2024	0038
7440-66-6	Zinc	130	D	10/20/2024	0038

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAA4

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDA93

Matrix: SOIL Lab Sample ID: P4299-12

% Solids: 98.4 Date Received: 10/04/2024

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	30000	D	10/20/2024	0043
7440-36-0	Antimony	2.1	JD [†]	10/20/2024	0043
7440-38-2	Arsenic	77	D [*]	10/20/2024	0043
7440-39-3	Barium	180	D [*]	10/20/2024	0043
7440-41-7	Beryllium	0.92	D	10/20/2024	0043
7440-43-9	Cadmium	1.1	D	10/20/2024	0043
7440-70-2	Calcium	4600	D	10/20/2024	0043
7440-47-3	Chromium	61	D	10/20/2024	0043
7440-48-4	Cobalt	41	D	10/20/2024	0043
7440-50-8	Copper	180	D	10/20/2024	0043
7439-89-6	Iron	72000	D	10/20/2024	0043
7439-92-1	Lead	51	D	10/20/2024	0043
7439-95-4	Magnesium	18000	D	10/20/2024	0043
7439-96-5	Manganese	1500	D	10/20/2024	0043
7440-02-0	Nickel	62	D	10/20/2024	0043
7440-09-7	Potassium	3700	D	10/20/2024	0043
7782-49-2	Selenium	5.5	UD [†]	10/20/2024	0043
7440-22-4	Silver	1.6	UD	10/20/2024	0043
7440-23-5	Sodium	270	JD	10/20/2024	0043
7440-28-0	Thallium	3.9	UD	10/20/2024	0043
7440-62-2	Vanadium	220	D	10/20/2024	0043
7440-66-6	Zinc	130	D	10/20/2024	0043

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAA5

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDA93

Matrix: SOIL Lab Sample ID: P4299-13

% Solids: 99.2 Date Received: 10/04/2024

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	37000	D	10/20/2024	0047
7440-36-0	Antimony	2.4	JD [†]	10/20/2024	0047
7440-38-2	Arsenic	30	D [*]	10/20/2024	0047
7440-39-3	Barium	160	D [*]	10/20/2024	0047
7440-41-7	Beryllium	1.0	D	10/20/2024	0047
7440-43-9	Cadmium	0.96	D	10/20/2024	0047
7440-70-2	Calcium	2700	D	10/20/2024	0047
7440-47-3	Chromium	61	D	10/20/2024	0047
7440-48-4	Cobalt	52	D	10/20/2024	0047
7440-50-8	Copper	200	D	10/20/2024	0047
7439-89-6	Iron	87000	D	10/20/2024	0047
7439-92-1	Lead	49	D	10/20/2024	0047
7439-95-4	Magnesium	23000	D	10/20/2024	0047
7439-96-5	Manganese	1700	D	10/20/2024	0047
7440-02-0	Nickel	69	D	10/20/2024	0047
7440-09-7	Potassium	4200	D	10/20/2024	0047
7782-49-2	Selenium	5.2	UD [†]	10/20/2024	0047
7440-22-4	Silver	1.5	UD	10/20/2024	0047
7440-23-5	Sodium	260	JD	10/20/2024	0047
7440-28-0	Thallium	3.7	UD	10/20/2024	0047
7440-62-2	Vanadium	280	D	10/20/2024	0047
7440-66-6	Zinc	150	D	10/20/2024	0047

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAA6

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDA93

Matrix: SOIL Lab Sample ID: P4299-14

% Solids: 98 Date Received: 10/04/2024

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	37000	D	10/20/2024	0051
7440-36-0	Antimony	1.4	JD [†]	10/20/2024	0051
7440-38-2	Arsenic	170	D [*]	10/20/2024	0051
7440-39-3	Barium	130	D [*]	10/20/2024	0051
7440-41-7	Beryllium	0.93	D	10/20/2024	0051
7440-43-9	Cadmium	0.85	JD	10/20/2024	0051
7440-70-2	Calcium	3800	D	10/20/2024	0051
7440-47-3	Chromium	68	D	10/20/2024	0051
7440-48-4	Cobalt	44	D	10/20/2024	0051
7440-50-8	Copper	190	D	10/20/2024	0051
7439-89-6	Iron	87000	D	10/20/2024	0051
7439-92-1	Lead	44	D	10/20/2024	0051
7439-95-4	Magnesium	22000	D	10/20/2024	0051
7439-96-5	Manganese	1800	D	10/20/2024	0051
7440-02-0	Nickel	70	D	10/20/2024	0051
7440-09-7	Potassium	1100	D	10/20/2024	0051
7782-49-2	Selenium	6.1	UD [†]	10/20/2024	0051
7440-22-4	Silver	1.7	UD	10/20/2024	0051
7440-23-5	Sodium	290	JD	10/20/2024	0051
7440-28-0	Thallium	4.4	UD	10/20/2024	0051
7440-62-2	Vanadium	290	D	10/20/2024	0051
7440-66-6	Zinc	130	D	10/20/2024	0051

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAA7

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDA93

Matrix: SOIL Lab Sample ID: P4299-15

% Solids: 97.8 Date Received: 10/04/2024

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	35000	D	10/20/2024	0056
7440-36-0	Antimony	1.4	JD [†]	10/20/2024	0056
7440-38-2	Arsenic	32	D [*]	10/20/2024	0056
7440-39-3	Barium	180	D [*]	10/20/2024	0056
7440-41-7	Beryllium	0.97	D	10/20/2024	0056
7440-43-9	Cadmium	0.51	JD	10/20/2024	0056
7440-70-2	Calcium	4300	D	10/20/2024	0056
7440-47-3	Chromium	60	D	10/20/2024	0056
7440-48-4	Cobalt	50	D	10/20/2024	0056
7440-50-8	Copper	180	D	10/20/2024	0056
7439-89-6	Iron	79000	D	10/20/2024	0056
7439-92-1	Lead	23	D	10/20/2024	0056
7439-95-4	Magnesium	22000	D	10/20/2024	0056
7439-96-5	Manganese	1600	D	10/20/2024	0056
7440-02-0	Nickel	66	D	10/20/2024	0056
7440-09-7	Potassium	1800	D	10/20/2024	0056
7782-49-2	Selenium	5.2	UD [†]	10/20/2024	0056
7440-22-4	Silver	1.5	UD	10/20/2024	0056
7440-23-5	Sodium	290	JD	10/20/2024	0056
7440-28-0	Thallium	3.7	UD	10/20/2024	0056
7440-62-2	Vanadium	260	D	10/20/2024	0056
7440-66-6	Zinc	97	D	10/20/2024	0056

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAA8

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDA93

Matrix: SOIL Lab Sample ID: P4299-16

% Solids: 98.3 Date Received: 10/04/2024

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	34000	D	10/20/2024	0100
7440-36-0	Antimony	1.8	JD [†]	10/20/2024	0100
7440-38-2	Arsenic	72	D [*]	10/20/2024	0100
7440-39-3	Barium	160	D [*]	10/20/2024	0100
7440-41-7	Beryllium	1.0	D	10/20/2024	0100
7440-43-9	Cadmium	1.2	D	10/20/2024	0100
7440-70-2	Calcium	3000	D	10/20/2024	0100
7440-47-3	Chromium	63	D	10/20/2024	0100
7440-48-4	Cobalt	49	D	10/20/2024	0100
7440-50-8	Copper	230	D	10/20/2024	0100
7439-89-6	Iron	83000	D	10/20/2024	0100
7439-92-1	Lead	54	D	10/20/2024	0100
7439-95-4	Magnesium	20000	D	10/20/2024	0100
7439-96-5	Manganese	1700	D	10/20/2024	0100
7440-02-0	Nickel	65	D	10/20/2024	0100
7440-09-7	Potassium	2700	D	10/20/2024	0100
7782-49-2	Selenium	6.0	UD [†]	10/20/2024	0100
7440-22-4	Silver	1.7	UD	10/20/2024	0100
7440-23-5	Sodium	250	JD	10/20/2024	0100
7440-28-0	Thallium	4.3	UD	10/20/2024	0100
7440-62-2	Vanadium	270	D	10/20/2024	0100
7440-66-6	Zinc	140	D	10/20/2024	0100

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAA9

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDA93

Matrix: SOIL Lab Sample ID: P4299-17

% Solids: 98.7 Date Received: 10/04/2024

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	28000	D	10/20/2024	0104
7440-36-0	Antimony	2.7	JD [†]	10/20/2024	0104
7440-38-2	Arsenic	71	D [*]	10/20/2024	0104
7440-39-3	Barium	110	D [*]	10/20/2024	0104
7440-41-7	Beryllium	0.81	D	10/20/2024	0104
7440-43-9	Cadmium	1.8	D	10/20/2024	0104
7440-70-2	Calcium	4000	D	10/20/2024	0104
7440-47-3	Chromium	85	D	10/20/2024	0104
7440-48-4	Cobalt	53	D	10/20/2024	0104
7440-50-8	Copper	310	D	10/20/2024	0104
7439-89-6	Iron	65000	D	10/20/2024	0104
7439-92-1	Lead	95	D	10/20/2024	0104
7439-95-4	Magnesium	18000	D	10/20/2024	0104
7439-96-5	Manganese	1600	D	10/20/2024	0104
7440-02-0	Nickel	67	D	10/20/2024	0104
7440-09-7	Potassium	3900	D	10/20/2024	0104
7782-49-2	Selenium	5.4	UD [†]	10/20/2024	0104
7440-22-4	Silver	1.5	UD	10/20/2024	0104
7440-23-5	Sodium	250	JD	10/20/2024	0104
7440-28-0	Thallium	3.8	UD	10/20/2024	0104
7440-62-2	Vanadium	140	D	10/20/2024	0104
7440-66-6	Zinc	170	D	10/20/2024	0104

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAB0

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDA93

Matrix: SOIL Lab Sample ID: P4299-18

% Solids: 98.1 Date Received: 10/04/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	29000	D	10/20/2024	0109
7440-36-0	Antimony	2.4	JD*	10/20/2024	0109
7440-38-2	Arsenic	56	D*	10/20/2024	0109
7440-39-3	Barium	210	D*	10/20/2024	0109
7440-41-7	Beryllium	0.89	JD	10/20/2024	0109
7440-43-9	Cadmium	1.5	D	10/20/2024	0109
7440-70-2	Calcium	7400	D	10/20/2024	0109
7440-47-3	Chromium	54	D	10/20/2024	0109
7440-48-4	Cobalt	39	D	10/20/2024	0109
7440-50-8	Copper	180	D	10/20/2024	0109
7439-89-6	Iron	66000	D	10/20/2024	0109
7439-92-1	Lead	58	D	10/20/2024	0109
7439-95-4	Magnesium	17000	D	10/20/2024	0109
7439-96-5	Manganese	1700	D	10/20/2024	0109
7440-02-0	Nickel	56	D	10/20/2024	0109
7440-09-7	Potassium	5200	D	10/20/2024	0109
7782-49-2	Selenium	6.7	UD*	10/20/2024	0109
7440-22-4	Silver	1.9	UD	10/20/2024	0109
7440-23-5	Sodium	250	JD	10/20/2024	0109
7440-28-0	Thallium	4.8	UD	10/20/2024	0109
7440-62-2	Vanadium	200	D	10/20/2024	0109
7440-66-6	Zinc	150	D	10/20/2024	0109

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAB1

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDA93

Matrix: SOIL Lab Sample ID: P4299-19

% Solids: 99.6 Date Received: 10/04/2024

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	10/20/2024	0113
7440-36-0	Antimony	0.99	JD*	10/20/2024	0113
7440-38-2	Arsenic	46	D*	10/20/2024	0113
7440-39-3	Barium	290	D*	10/20/2024	0113
7440-41-7	Beryllium	0.40	JD	10/20/2024	0113
7440-43-9	Cadmium	0.81	UD	10/20/2024	0113
7440-70-2	Calcium	2700	D	10/20/2024	0113
7440-47-3	Chromium	24	D	10/20/2024	0113
7440-48-4	Cobalt	19	D	10/20/2024	0113
7440-50-8	Copper	41	D	10/20/2024	0113
7439-89-6	Iron	28000	D	10/20/2024	0113
7439-92-1	Lead	17	D	10/20/2024	0113
7439-95-4	Magnesium	4900	D	10/20/2024	0113
7439-96-5	Manganese	2000	D	10/20/2024	0113
7440-02-0	Nickel	20	D	10/20/2024	0113
7440-09-7	Potassium	1800	D	10/20/2024	0113
7782-49-2	Selenium	5.7	UD*	10/20/2024	0113
7440-22-4	Silver	1.6	UD	10/20/2024	0113
7440-23-5	Sodium	810	UD	10/20/2024	0113
7440-28-0	Thallium	4.1	UD	10/20/2024	0113
7440-62-2	Vanadium	64	D	10/20/2024	0113
7440-66-6	Zinc	48	D	10/20/2024	0113

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAB2

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDA93

Matrix: SOIL Lab Sample ID: P4299-22

% Solids: 99.4 Date Received: 10/04/2024

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	31000	D	10/20/2024	0131
7440-36-0	Antimony	1.5	JD [†]	10/20/2024	0131
7440-38-2	Arsenic	81	D [*]	10/20/2024	0131
7440-39-3	Barium	140	D [*]	10/20/2024	0131
7440-41-7	Beryllium	0.93	D	10/20/2024	0131
7440-43-9	Cadmium	1.2	D	10/20/2024	0131
7440-70-2	Calcium	2500	D	10/20/2024	0131
7440-47-3	Chromium	61	D	10/20/2024	0131
7440-48-4	Cobalt	40	D	10/20/2024	0131
7440-50-8	Copper	200	D	10/20/2024	0131
7439-89-6	Iron	76000	D	10/20/2024	0131
7439-92-1	Lead	74	D	10/20/2024	0131
7439-95-4	Magnesium	19000	D	10/20/2024	0131
7439-96-5	Manganese	1500	D	10/20/2024	0131
7440-02-0	Nickel	61	D	10/20/2024	0131
7440-09-7	Potassium	3300	D	10/20/2024	0131
7782-49-2	Selenium	6.5	UD [†]	10/20/2024	0131
7440-22-4	Silver	1.9	UD	10/20/2024	0131
7440-23-5	Sodium	270	JD	10/20/2024	0131
7440-28-0	Thallium	4.7	UD	10/20/2024	0131
7440-62-2	Vanadium	240	D	10/20/2024	0131
7440-66-6	Zinc	150	D	10/20/2024	0131

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

Comments: