

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MYDBB4

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDBB4
 Matrix: SOIL Lab Sample ID: P4331-01
 % Solids: 96.2 Date Received: 10/07/2024
 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	23000	D	10/25/2024	2127
7440-36-0	Antimony	10	UD [†]	10/25/2024	2127
7440-38-2	Arsenic	23	D	10/25/2024	2127
7440-39-3	Barium	320	D*	10/25/2024	2127
7440-41-7	Beryllium	1.4	D	10/25/2024	2127
7440-43-9	Cadmium	2.3	D	10/25/2024	2127
7440-70-2	Calcium	8100	D	10/25/2024	2127
7440-47-3	Chromium	49	D	10/25/2024	2127
7440-48-4	Cobalt	26	D	10/25/2024	2127
7440-50-8	Copper	160	D	10/25/2024	2127
7439-89-6	Iron	40000	D	10/25/2024	2127
7439-92-1	Lead	45	D	10/25/2024	2127
7439-95-4	Magnesium	7800	D	10/25/2024	2127
7439-96-5	Manganese	1800	D*	10/25/2024	2127
7440-02-0	Nickel	72	D	10/25/2024	2127
7440-09-7	Potassium	5000	D	10/25/2024	2127
7782-49-2	Selenium	5.9	UD [†]	10/25/2024	2127
7440-22-4	Silver	1.7	UD	10/25/2024	2127
7440-23-5	Sodium	190	JD	10/25/2024	2127
7440-28-0	Thallium	4.2	UD	10/25/2024	2127
7440-62-2	Vanadium	65	D	10/25/2024	2127
7440-66-6	Zinc	140	D*	10/25/2024	2127

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

Comments:

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MYDBB5

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDBB4

Matrix: SOIL Lab Sample ID: P4331-02

% Solids: 97.2 Date Received: 10/07/2024

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	10/25/2024	2132
7440-36-0	Antimony	4.3	JD [†]	10/25/2024	2132
7440-38-2	Arsenic	170	D	10/25/2024	2132
7440-39-3	Barium	450	D*	10/25/2024	2132
7440-41-7	Beryllium	1.7	D	10/25/2024	2132
7440-43-9	Cadmium	16	D	10/25/2024	2132
7440-70-2	Calcium	18000	D	10/25/2024	2132
7440-47-3	Chromium	58	D	10/25/2024	2132
7440-48-4	Cobalt	34	D	10/25/2024	2132
7440-50-8	Copper	2400	D	10/25/2024	2132
7439-89-6	Iron	52000	D	10/25/2024	2132
7439-92-1	Lead	530	D	10/25/2024	2132
7439-95-4	Magnesium	10000	D	10/25/2024	2132
7439-96-5	Manganese	1100	D*	10/25/2024	2132
7440-02-0	Nickel	96	D	10/25/2024	2132
7440-09-7	Potassium	2900	D	10/25/2024	2132
7782-49-2	Selenium	1.9	JD [†]	10/25/2024	2132
7440-22-4	Silver	2.3	D	10/25/2024	2132
7440-23-5	Sodium	340	JD	10/25/2024	2132
7440-28-0	Thallium	3.8	UD	10/25/2024	2132
7440-62-2	Vanadium	79	D	10/25/2024	2132
7440-66-6	Zinc	1000	D*	10/25/2024	2132

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

Comments:

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MYDBB6

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDBB4
 Matrix: SOIL Lab Sample ID: P4331-03
 % Solids: 93.7 Date Received: 10/07/2024
 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	33000	D	10/25/2024	2136
7440-36-0	Antimony	10	UD [†]	10/25/2024	2136
7440-38-2	Arsenic	33	D	10/25/2024	2136
7440-39-3	Barium	590	D*	10/25/2024	2136
7440-41-7	Beryllium	2.0	D	10/25/2024	2136
7440-43-9	Cadmium	3.0	D	10/25/2024	2136
7440-70-2	Calcium	14000	D	10/25/2024	2136
7440-47-3	Chromium	71	D	10/25/2024	2136
7440-48-4	Cobalt	31	D	10/25/2024	2136
7440-50-8	Copper	250	D	10/25/2024	2136
7439-89-6	Iron	48000	D	10/25/2024	2136
7439-92-1	Lead	69	D	10/25/2024	2136
7439-95-4	Magnesium	12000	D	10/25/2024	2136
7439-96-5	Manganese	1300	D*	10/25/2024	2136
7440-02-0	Nickel	130	D	10/25/2024	2136
7440-09-7	Potassium	3400	D	10/25/2024	2136
7782-49-2	Selenium	6.0	UD [†]	10/25/2024	2136
7440-22-4	Silver	1.7	UD	10/25/2024	2136
7440-23-5	Sodium	420	JD	10/25/2024	2136
7440-28-0	Thallium	4.3	UD	10/25/2024	2136
7440-62-2	Vanadium	83	D	10/25/2024	2136
7440-66-6	Zinc	180	D*	10/25/2024	2136

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

Comments:

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MYDBB7

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDBB4

Matrix: SOIL Lab Sample ID: P4331-04

% Solids: 96.9 Date Received: 10/07/2024

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	10/25/2024	2140
7440-36-0	Antimony	1.3	JD [†]	10/25/2024	2140
7440-38-2	Arsenic	44	D	10/25/2024	2140
7440-39-3	Barium	820	D*	10/25/2024	2140
7440-41-7	Beryllium	1.3	D	10/25/2024	2140
7440-43-9	Cadmium	5.8	D	10/25/2024	2140
7440-70-2	Calcium	9600	D	10/25/2024	2140
7440-47-3	Chromium	57	D	10/25/2024	2140
7440-48-4	Cobalt	31	D	10/25/2024	2140
7440-50-8	Copper	640	D	10/25/2024	2140
7439-89-6	Iron	37000	D	10/25/2024	2140
7439-92-1	Lead	140	D	10/25/2024	2140
7439-95-4	Magnesium	7600	D	10/25/2024	2140
7439-96-5	Manganese	7700	D*	10/28/2024	1935
7440-02-0	Nickel	91	D	10/25/2024	2140
7440-09-7	Potassium	4100	D	10/25/2024	2140
7782-49-2	Selenium	5.9	UD [†]	10/25/2024	2140
7440-22-4	Silver	1.7	UD	10/25/2024	2140
7440-23-5	Sodium	290	JD	10/25/2024	2140
7440-28-0	Thallium	4.2	UD	10/25/2024	2140
7440-62-2	Vanadium	65	D	10/25/2024	2140
7440-66-6	Zinc	360	D*	10/25/2024	2140

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

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MYDBB8

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDBB4

Matrix: SOIL Lab Sample ID: P4331-07

% Solids: 93.6 Date Received: 10/07/2024

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	10/25/2024	2158
7440-36-0	Antimony	11	UD [†]	10/25/2024	2158
7440-38-2	Arsenic	36	D	10/25/2024	2158
7440-39-3	Barium	710	D*	10/25/2024	2158
7440-41-7	Beryllium	2.1	D	10/25/2024	2158
7440-43-9	Cadmium	2.7	D	10/25/2024	2158
7440-70-2	Calcium	16000	D	10/25/2024	2158
7440-47-3	Chromium	82	D	10/25/2024	2158
7440-48-4	Cobalt	33	D	10/25/2024	2158
7440-50-8	Copper	250	D	10/25/2024	2158
7439-89-6	Iron	51000	D	10/25/2024	2158
7439-92-1	Lead	72	D	10/25/2024	2158
7439-95-4	Magnesium	12000	D	10/25/2024	2158
7439-96-5	Manganese	1800	D*	10/25/2024	2158
7440-02-0	Nickel	140	D	10/25/2024	2158
7440-09-7	Potassium	3000	D	10/25/2024	2158
7782-49-2	Selenium	6.6	UD [†]	10/25/2024	2158
7440-22-4	Silver	1.9	UD	10/25/2024	2158
7440-23-5	Sodium	490	JD	10/25/2024	2158
7440-28-0	Thallium	4.7	UD	10/25/2024	2158
7440-62-2	Vanadium	93	D	10/25/2024	2158
7440-66-6	Zinc	170	D*	10/25/2024	2158

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

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MYDBB9

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDBB4

Matrix: SOIL Lab Sample ID: P4331-08

% Solids: 94.5 Date Received: 10/07/2024

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	10/25/2024	2202
7440-36-0	Antimony	0.87	JD [†]	10/25/2024	2202
7440-38-2	Arsenic	32	D	10/25/2024	2202
7440-39-3	Barium	540	D*	10/25/2024	2202
7440-41-7	Beryllium	2.1	D	10/25/2024	2202
7440-43-9	Cadmium	2.3	D	10/25/2024	2202
7440-70-2	Calcium	12000	D	10/25/2024	2202
7440-47-3	Chromium	76	D	10/25/2024	2202
7440-48-4	Cobalt	26	D	10/25/2024	2202
7440-50-8	Copper	200	D	10/25/2024	2202
7439-89-6	Iron	46000	D	10/25/2024	2202
7439-92-1	Lead	58	D	10/25/2024	2202
7439-95-4	Magnesium	10000	D	10/25/2024	2202
7439-96-5	Manganese	1100	D*	10/25/2024	2202
7440-02-0	Nickel	110	D	10/25/2024	2202
7440-09-7	Potassium	4100	D	10/25/2024	2202
7782-49-2	Selenium	1.5	JD [†]	10/25/2024	2202
7440-22-4	Silver	1.8	UD	10/25/2024	2202
7440-23-5	Sodium	220	JD	10/25/2024	2202
7440-28-0	Thallium	4.5	UD	10/25/2024	2202
7440-62-2	Vanadium	89	D	10/25/2024	2202
7440-66-6	Zinc	150	D*	10/25/2024	2202

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

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MYDBC0

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDBB4

Matrix: SOIL Lab Sample ID: P4331-09

% Solids: 96.3 Date Received: 10/07/2024

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	10/25/2024	2207
7440-36-0	Antimony	9.7	UD [†]	10/25/2024	2207
7440-38-2	Arsenic	28	D	10/25/2024	2207
7440-39-3	Barium	240	D*	10/25/2024	2207
7440-41-7	Beryllium	1.1	D	10/25/2024	2207
7440-43-9	Cadmium	2.4	D	10/25/2024	2207
7440-70-2	Calcium	9200	D	10/25/2024	2207
7440-47-3	Chromium	39	D	10/25/2024	2207
7440-48-4	Cobalt	19	D	10/25/2024	2207
7440-50-8	Copper	270	D	10/25/2024	2207
7439-89-6	Iron	31000	D	10/25/2024	2207
7439-92-1	Lead	70	D	10/25/2024	2207
7439-95-4	Magnesium	6900	D	10/25/2024	2207
7439-96-5	Manganese	830	D*	10/25/2024	2207
7440-02-0	Nickel	52	D	10/25/2024	2207
7440-09-7	Potassium	3400	D	10/25/2024	2207
7782-49-2	Selenium	5.7	UD [†]	10/25/2024	2207
7440-22-4	Silver	1.6	UD	10/25/2024	2207
7440-23-5	Sodium	180	JD	10/25/2024	2207
7440-28-0	Thallium	4.1	UD	10/25/2024	2207
7440-62-2	Vanadium	56	D	10/25/2024	2207
7440-66-6	Zinc	190	D*	10/25/2024	2207

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

Comments:

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MYDBC1

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDBB4

Matrix: SOIL Lab Sample ID: P4331-10

% Solids: 95 Date Received: 10/07/2024

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	10/25/2024	2211
7440-36-0	Antimony	10	UD [†]	10/25/2024	2211
7440-38-2	Arsenic	27	D	10/25/2024	2211
7440-39-3	Barium	470	D*	10/25/2024	2211
7440-41-7	Beryllium	1.5	D	10/25/2024	2211
7440-43-9	Cadmium	2.8	D	10/25/2024	2211
7440-70-2	Calcium	9000	D	10/25/2024	2211
7440-47-3	Chromium	55	D	10/25/2024	2211
7440-48-4	Cobalt	23	D	10/25/2024	2211
7440-50-8	Copper	290	D	10/25/2024	2211
7439-89-6	Iron	35000	D	10/25/2024	2211
7439-92-1	Lead	75	D	10/25/2024	2211
7439-95-4	Magnesium	8200	D	10/25/2024	2211
7439-96-5	Manganese	1100	D*	10/25/2024	2211
7440-02-0	Nickel	93	D	10/25/2024	2211
7440-09-7	Potassium	3400	D	10/25/2024	2211
7782-49-2	Selenium	6.0	UD [†]	10/25/2024	2211
7440-22-4	Silver	1.7	UD	10/25/2024	2211
7440-23-5	Sodium	180	JD	10/25/2024	2211
7440-28-0	Thallium	4.3	UD	10/25/2024	2211
7440-62-2	Vanadium	61	D	10/25/2024	2211
7440-66-6	Zinc	190	D*	10/25/2024	2211

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

Comments:

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MYDBC2

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDBB4

Matrix: SOIL Lab Sample ID: P4331-11

% Solids: 97.7 Date Received: 10/07/2024

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	10/25/2024	2215
7440-36-0	Antimony	0.80	JD [†]	10/25/2024	2215
7440-38-2	Arsenic	54	D	10/25/2024	2215
7440-39-3	Barium	220	D*	10/25/2024	2215
7440-41-7	Beryllium	0.93	D	10/25/2024	2215
7440-43-9	Cadmium	3.8	D	10/25/2024	2215
7440-70-2	Calcium	4400	D	10/25/2024	2215
7440-47-3	Chromium	37	D	10/25/2024	2215
7440-48-4	Cobalt	19	D	10/25/2024	2215
7440-50-8	Copper	550	D	10/25/2024	2215
7439-89-6	Iron	27000	D	10/25/2024	2215
7439-92-1	Lead	110	D	10/25/2024	2215
7439-95-4	Magnesium	5300	D	10/25/2024	2215
7439-96-5	Manganese	940	D*	10/25/2024	2215
7440-02-0	Nickel	45	D	10/25/2024	2215
7440-09-7	Potassium	2300	D	10/25/2024	2215
7782-49-2	Selenium	5.3	UD [†]	10/25/2024	2215
7440-22-4	Silver	1.5	UD	10/25/2024	2215
7440-23-5	Sodium	190	JD	10/25/2024	2215
7440-28-0	Thallium	3.8	UD	10/25/2024	2215
7440-62-2	Vanadium	46	D	10/25/2024	2215
7440-66-6	Zinc	240	D*	10/25/2024	2215

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

Comments:

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MYDBC3

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDBB4

Matrix: SOIL Lab Sample ID: P4331-12

% Solids: 96.3 Date Received: 10/07/2024

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	10/25/2024	2229
7440-36-0	Antimony	1.4	JD [†]	10/25/2024	2229
7440-38-2	Arsenic	93	D	10/25/2024	2229
7440-39-3	Barium	320	D*	10/25/2024	2229
7440-41-7	Beryllium	1.5	D	10/25/2024	2229
7440-43-9	Cadmium	7.7	D	10/25/2024	2229
7440-70-2	Calcium	6500	D	10/25/2024	2229
7440-47-3	Chromium	53	D	10/25/2024	2229
7440-48-4	Cobalt	28	D	10/25/2024	2229
7440-50-8	Copper	1100	D	10/25/2024	2229
7439-89-6	Iron	38000	D	10/25/2024	2229
7439-92-1	Lead	270	D	10/25/2024	2229
7439-95-4	Magnesium	6400	D	10/25/2024	2229
7439-96-5	Manganese	1200	D*	10/25/2024	2229
7440-02-0	Nickel	76	D	10/25/2024	2229
7440-09-7	Potassium	2900	D	10/25/2024	2229
7782-49-2	Selenium	5.6	UD [†]	10/25/2024	2229
7440-22-4	Silver	1.6	UD	10/25/2024	2229
7440-23-5	Sodium	220	JD	10/25/2024	2229
7440-28-0	Thallium	4.0	UD	10/25/2024	2229
7440-62-2	Vanadium	63	D	10/25/2024	2229
7440-66-6	Zinc	490	D*	10/25/2024	2229

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

Comments:

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MYDBC4

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDBB4

Matrix: SOIL Lab Sample ID: P4331-13

% Solids: 96.8 Date Received: 10/07/2024

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	10/25/2024	2233
7440-36-0	Antimony	9.2	UD [†]	10/25/2024	2233
7440-38-2	Arsenic	57	D	10/25/2024	2233
7440-39-3	Barium	280	D*	10/25/2024	2233
7440-41-7	Beryllium	1.3	D	10/25/2024	2233
7440-43-9	Cadmium	4.5	D	10/25/2024	2233
7440-70-2	Calcium	6700	D	10/25/2024	2233
7440-47-3	Chromium	46	D	10/25/2024	2233
7440-48-4	Cobalt	22	D	10/25/2024	2233
7440-50-8	Copper	560	D	10/25/2024	2233
7439-89-6	Iron	30000	D	10/25/2024	2233
7439-92-1	Lead	130	D	10/25/2024	2233
7439-95-4	Magnesium	5800	D	10/25/2024	2233
7439-96-5	Manganese	990	D*	10/25/2024	2233
7440-02-0	Nickel	71	D	10/25/2024	2233
7440-09-7	Potassium	2500	D	10/25/2024	2233
7782-49-2	Selenium	5.4	UD [†]	10/25/2024	2233
7440-22-4	Silver	1.5	UD	10/25/2024	2233
7440-23-5	Sodium	180	JD	10/25/2024	2233
7440-28-0	Thallium	3.8	UD	10/25/2024	2233
7440-62-2	Vanadium	54	D	10/25/2024	2233
7440-66-6	Zinc	290	D*	10/25/2024	2233

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDBC5

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDBB4

Matrix: SOIL Lab Sample ID: P4331-14

% Solids: 96.5 Date Received: 10/07/2024

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	10/25/2024	2237
7440-36-0	Antimony	1.4	JD [†]	10/25/2024	2237
7440-38-2	Arsenic	75	D	10/25/2024	2237
7440-39-3	Barium	350	D*	10/25/2024	2237
7440-41-7	Beryllium	1.6	D	10/25/2024	2237
7440-43-9	Cadmium	5.6	D	10/25/2024	2237
7440-70-2	Calcium	6900	D	10/25/2024	2237
7440-47-3	Chromium	60	D	10/25/2024	2237
7440-48-4	Cobalt	27	D	10/25/2024	2237
7440-50-8	Copper	630	D	10/25/2024	2237
7439-89-6	Iron	43000	D	10/25/2024	2237
7439-92-1	Lead	150	D	10/25/2024	2237
7439-95-4	Magnesium	7100	D	10/25/2024	2237
7439-96-5	Manganese	1200	D*	10/25/2024	2237
7440-02-0	Nickel	88	D	10/25/2024	2237
7440-09-7	Potassium	2800	D	10/25/2024	2237
7782-49-2	Selenium	4.9	UD [†]	10/25/2024	2237
7440-22-4	Silver	1.4	UD	10/25/2024	2237
7440-23-5	Sodium	220	JD	10/25/2024	2237
7440-28-0	Thallium	3.5	UD	10/25/2024	2237
7440-62-2	Vanadium	74	D	10/25/2024	2237
7440-66-6	Zinc	340	D*	10/25/2024	2237

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDBC6

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDBB4

Matrix: SOIL Lab Sample ID: P4331-15

% Solids: 97.3 Date Received: 10/07/2024

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	10/25/2024	2242
7440-36-0	Antimony	1.5	JD [†]	10/25/2024	2242
7440-38-2	Arsenic	62	D	10/25/2024	2242
7440-39-3	Barium	240	D*	10/25/2024	2242
7440-41-7	Beryllium	1.1	D	10/25/2024	2242
7440-43-9	Cadmium	4.5	D	10/25/2024	2242
7440-70-2	Calcium	4200	D	10/25/2024	2242
7440-47-3	Chromium	37	D	10/25/2024	2242
7440-48-4	Cobalt	23	D	10/25/2024	2242
7440-50-8	Copper	560	D	10/25/2024	2242
7439-89-6	Iron	33000	D	10/25/2024	2242
7439-92-1	Lead	110	D	10/25/2024	2242
7439-95-4	Magnesium	5400	D	10/25/2024	2242
7439-96-5	Manganese	1400	D*	10/25/2024	2242
7440-02-0	Nickel	44	D	10/25/2024	2242
7440-09-7	Potassium	3300	D	10/25/2024	2242
7782-49-2	Selenium	5.3	UD [†]	10/25/2024	2242
7440-22-4	Silver	1.5	UD	10/25/2024	2242
7440-23-5	Sodium	190	JD	10/25/2024	2242
7440-28-0	Thallium	3.8	UD	10/25/2024	2242
7440-62-2	Vanadium	56	D	10/25/2024	2242
7440-66-6	Zinc	240	D*	10/25/2024	2242

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDBC7

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDBB4

Matrix: SOIL Lab Sample ID: P4331-16

% Solids: 96 Date Received: 10/07/2024

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	10/25/2024	2246
7440-36-0	Antimony	1.4	JD [†]	10/25/2024	2246
7440-38-2	Arsenic	47	D	10/25/2024	2246
7440-39-3	Barium	240	D*	10/25/2024	2246
7440-41-7	Beryllium	1.0	D	10/25/2024	2246
7440-43-9	Cadmium	3.9	D	10/25/2024	2246
7440-70-2	Calcium	3900	D	10/25/2024	2246
7440-47-3	Chromium	33	D	10/25/2024	2246
7440-48-4	Cobalt	22	D	10/25/2024	2246
7440-50-8	Copper	460	D	10/25/2024	2246
7439-89-6	Iron	36000	D	10/25/2024	2246
7439-92-1	Lead	94	D	10/25/2024	2246
7439-95-4	Magnesium	4900	D	10/25/2024	2246
7439-96-5	Manganese	1600	D*	10/25/2024	2246
7440-02-0	Nickel	40	D	10/25/2024	2246
7440-09-7	Potassium	2900	D	10/25/2024	2246
7782-49-2	Selenium	5.4	UD [†]	10/25/2024	2246
7440-22-4	Silver	1.5	UD	10/25/2024	2246
7440-23-5	Sodium	180	JD	10/25/2024	2246
7440-28-0	Thallium	3.8	UD	10/25/2024	2246
7440-62-2	Vanadium	53	D	10/25/2024	2246
7440-66-6	Zinc	210	D*	10/25/2024	2246

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDBC8

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDBB4

Matrix: SOIL Lab Sample ID: P4331-17

% Solids: 97.6 Date Received: 10/07/2024

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	10/25/2024	2250
7440-36-0	Antimony	1.1	JD [†]	10/25/2024	2250
7440-38-2	Arsenic	35	D	10/25/2024	2250
7440-39-3	Barium	250	D*	10/25/2024	2250
7440-41-7	Beryllium	1.1	D	10/25/2024	2250
7440-43-9	Cadmium	2.6	D	10/25/2024	2250
7440-70-2	Calcium	5300	D	10/25/2024	2250
7440-47-3	Chromium	40	D	10/25/2024	2250
7440-48-4	Cobalt	19	D	10/25/2024	2250
7440-50-8	Copper	280	D	10/25/2024	2250
7439-89-6	Iron	30000	D	10/25/2024	2250
7439-92-1	Lead	75	D	10/25/2024	2250
7439-95-4	Magnesium	4900	D	10/25/2024	2250
7439-96-5	Manganese	900	D*	10/25/2024	2250
7440-02-0	Nickel	59	D	10/25/2024	2250
7440-09-7	Potassium	2200	D	10/25/2024	2250
7782-49-2	Selenium	5.1	UD [†]	10/25/2024	2250
7440-22-4	Silver	1.4	UD	10/25/2024	2250
7440-23-5	Sodium	160	JD	10/25/2024	2250
7440-28-0	Thallium	3.6	UD	10/25/2024	2250
7440-62-2	Vanadium	49	D	10/25/2024	2250
7440-66-6	Zinc	170	D*	10/25/2024	2250

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDBC9

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDBB4

Matrix: SOIL Lab Sample ID: P4331-18

% Solids: 95 Date Received: 10/07/2024

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	10/25/2024	2255
7440-36-0	Antimony	9.4	UD [†]	10/25/2024	2255
7440-38-2	Arsenic	20	D	10/25/2024	2255
7440-39-3	Barium	390	D*	10/25/2024	2255
7440-41-7	Beryllium	1.3	D	10/25/2024	2255
7440-43-9	Cadmium	2.3	D	10/25/2024	2255
7440-70-2	Calcium	8300	D	10/25/2024	2255
7440-47-3	Chromium	43	D	10/25/2024	2255
7440-48-4	Cobalt	20	D	10/25/2024	2255
7440-50-8	Copper	200	D	10/25/2024	2255
7439-89-6	Iron	32000	D	10/25/2024	2255
7439-92-1	Lead	61	D	10/25/2024	2255
7439-95-4	Magnesium	7200	D	10/25/2024	2255
7439-96-5	Manganese	1100	D*	10/25/2024	2255
7440-02-0	Nickel	67	D	10/25/2024	2255
7440-09-7	Potassium	4000	D	10/25/2024	2255
7782-49-2	Selenium	5.5	UD [†]	10/25/2024	2255
7440-22-4	Silver	1.6	UD	10/25/2024	2255
7440-23-5	Sodium	200	JD	10/25/2024	2255
7440-28-0	Thallium	3.9	UD	10/25/2024	2255
7440-62-2	Vanadium	53	D	10/25/2024	2255
7440-66-6	Zinc	190	D*	10/25/2024	2255

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDBD0

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDBB4

Matrix: SOIL Lab Sample ID: P4331-19

% Solids: 96.1 Date Received: 10/07/2024

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	10/25/2024	2259
7440-36-0	Antimony	10	UD [†]	10/25/2024	2259
7440-38-2	Arsenic	77	D	10/25/2024	2259
7440-39-3	Barium	420	D*	10/25/2024	2259
7440-41-7	Beryllium	1.3	D	10/25/2024	2259
7440-43-9	Cadmium	6.8	D	10/25/2024	2259
7440-70-2	Calcium	6500	D	10/25/2024	2259
7440-47-3	Chromium	49	D	10/25/2024	2259
7440-48-4	Cobalt	24	D	10/25/2024	2259
7440-50-8	Copper	670	D	10/25/2024	2259
7439-89-6	Iron	32000	D	10/25/2024	2259
7439-92-1	Lead	130	D	10/25/2024	2259
7439-95-4	Magnesium	6400	D	10/25/2024	2259
7439-96-5	Manganese	1100	D*	10/25/2024	2259
7440-02-0	Nickel	79	D	10/25/2024	2259
7440-09-7	Potassium	2000	D	10/25/2024	2259
7782-49-2	Selenium	5.8	UD [†]	10/25/2024	2259
7440-22-4	Silver	1.7	UD	10/25/2024	2259
7440-23-5	Sodium	200	JD	10/25/2024	2259
7440-28-0	Thallium	4.2	UD	10/25/2024	2259
7440-62-2	Vanadium	61	D	10/25/2024	2259
7440-66-6	Zinc	390	D*	10/25/2024	2259

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDBD1

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDBB4

Matrix: SOIL Lab Sample ID: P4331-20

% Solids: 96.9 Date Received: 10/07/2024

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	10/25/2024	2303
7440-36-0	Antimony	8.3	UD [†]	10/25/2024	2303
7440-38-2	Arsenic	56	D	10/25/2024	2303
7440-39-3	Barium	290	D*	10/25/2024	2303
7440-41-7	Beryllium	1.0	D	10/25/2024	2303
7440-43-9	Cadmium	5.7	D	10/25/2024	2303
7440-70-2	Calcium	5200	D	10/25/2024	2303
7440-47-3	Chromium	41	D	10/25/2024	2303
7440-48-4	Cobalt	20	D	10/25/2024	2303
7440-50-8	Copper	540	D	10/25/2024	2303
7439-89-6	Iron	27000	D	10/25/2024	2303
7439-92-1	Lead	98	D	10/25/2024	2303
7439-95-4	Magnesium	5300	D	10/25/2024	2303
7439-96-5	Manganese	980	D*	10/25/2024	2303
7440-02-0	Nickel	63	D	10/25/2024	2303
7440-09-7	Potassium	1900	D	10/25/2024	2303
7782-49-2	Selenium	4.9	UD [†]	10/25/2024	2303
7440-22-4	Silver	1.4	UD	10/25/2024	2303
7440-23-5	Sodium	180	JD	10/25/2024	2303
7440-28-0	Thallium	3.5	UD	10/25/2024	2303
7440-62-2	Vanadium	50	D	10/25/2024	2303
7440-66-6	Zinc	320	D*	10/25/2024	2303

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

Comments:

FORM 1 - IN
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MYDBD2

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDBB4

Matrix: SOIL Lab Sample ID: P4331-21

% Solids: 94.4 Date Received: 10/07/2024

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	10/25/2024	2308
7440-36-0	Antimony	4.4	JD [†]	10/25/2024	2308
7440-38-2	Arsenic	190	D	10/25/2024	2308
7440-39-3	Barium	350	D*	10/25/2024	2308
7440-41-7	Beryllium	2.1	D	10/25/2024	2308
7440-43-9	Cadmium	10	D	10/25/2024	2308
7440-70-2	Calcium	6000	D	10/25/2024	2308
7440-47-3	Chromium	94	D	10/25/2024	2308
7440-48-4	Cobalt	30	D	10/25/2024	2308
7440-50-8	Copper	2300	D	10/25/2024	2308
7439-89-6	Iron	30000	D	10/25/2024	2308
7439-92-1	Lead	450	D	10/25/2024	2308
7439-95-4	Magnesium	6900	D	10/25/2024	2308
7439-96-5	Manganese	890	D*	10/25/2024	2308
7440-02-0	Nickel	87	D	10/25/2024	2308
7440-09-7	Potassium	2300	D	10/25/2024	2308
7782-49-2	Selenium	2.3	JD [†]	10/25/2024	2308
7440-22-4	Silver	3.1	D	10/25/2024	2308
7440-23-5	Sodium	360	JD	10/25/2024	2308
7440-28-0	Thallium	4.0	UD	10/25/2024	2308
7440-62-2	Vanadium	49	D	10/25/2024	2308
7440-66-6	Zinc	970	D*	10/25/2024	2308

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

Comments:

FORM 1 - IN
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MYDBD3

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDBB4

Matrix: SOIL Lab Sample ID: P4331-22

% Solids: 95.1 Date Received: 10/07/2024

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	39000	D	10/25/2024	2312
7440-36-0	Antimony	3.9	JD [†]	10/25/2024	2312
7440-38-2	Arsenic	75	D	10/25/2024	2312
7440-39-3	Barium	400	D*	10/25/2024	2312
7440-41-7	Beryllium	2.7	D	10/25/2024	2312
7440-43-9	Cadmium	8.6	D	10/25/2024	2312
7440-70-2	Calcium	8100	D	10/25/2024	2312
7440-47-3	Chromium	99	D	10/25/2024	2312
7440-48-4	Cobalt	19	D	10/25/2024	2312
7440-50-8	Copper	1300	D	10/25/2024	2312
7439-89-6	Iron	31000	D	10/25/2024	2312
7439-92-1	Lead	340	D	10/25/2024	2312
7439-95-4	Magnesium	8100	D	10/25/2024	2312
7439-96-5	Manganese	670	D*	10/25/2024	2312
7440-02-0	Nickel	100	D	10/25/2024	2312
7440-09-7	Potassium	3900	D	10/25/2024	2312
7782-49-2	Selenium	1.5	JD [†]	10/25/2024	2312
7440-22-4	Silver	0.37	JD	10/25/2024	2312
7440-23-5	Sodium	220	JD	10/25/2024	2312
7440-28-0	Thallium	3.8	UD	10/25/2024	2312
7440-62-2	Vanadium	48	D	10/25/2024	2312
7440-66-6	Zinc	1100	D*	10/25/2024	2312

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

Comments: