

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB12

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB12
 Matrix: SOIL Lab Sample ID: P4318-01
 % Solids: 96.9 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	13000	D	10/24/2024	0148
7440-36-0	Antimony	10	UD [†]	10/24/2024	0148
7440-38-2	Arsenic	12	D	10/24/2024	0148
7440-39-3	Barium	120	D	10/24/2024	0148
7440-41-7	Beryllium	0.84	JD	10/24/2024	0148
7440-43-9	Cadmium	0.59	JD	10/24/2024	0148
7440-70-2	Calcium	4600	D	10/24/2024	0148
7440-47-3	Chromium	12	D	10/24/2024	0148
7440-48-4	Cobalt	12	D	10/24/2024	0148
7440-50-8	Copper	21	D	10/24/2024	0148
7439-89-6	Iron	25000	D	10/24/2024	0148
7439-92-1	Lead	12	D	10/24/2024	0148
7439-95-4	Magnesium	4600	D	10/24/2024	0148
7439-96-5	Manganese	500	D [*]	10/24/2024	0148
7440-02-0	Nickel	15	D	10/24/2024	0148
7440-09-7	Potassium	1200	D	10/24/2024	0148
7782-49-2	Selenium	5.9	UD [†]	10/24/2024	0148
7440-22-4	Silver	1.7	UD	10/24/2024	0148
7440-23-5	Sodium	850	UD	10/24/2024	0148
7440-28-0	Thallium	4.2	UD	10/24/2024	0148
7440-62-2	Vanadium	42	D	10/24/2024	0148
7440-66-6	Zinc	48	D	10/24/2024	0148

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

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MYDB13

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB12

Matrix: SOIL Lab Sample ID: P4318-02

% 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	9600	D	10/24/2024	0152
7440-36-0	Antimony	9.0	UD [†]	10/24/2024	0152
7440-38-2	Arsenic	28	D	10/24/2024	0152
7440-39-3	Barium	87	D	10/24/2024	0152
7440-41-7	Beryllium	0.75	D	10/24/2024	0152
7440-43-9	Cadmium	1.0	D	10/24/2024	0152
7440-70-2	Calcium	3600	D	10/24/2024	0152
7440-47-3	Chromium	10	D	10/24/2024	0152
7440-48-4	Cobalt	12	D	10/24/2024	0152
7440-50-8	Copper	49	D	10/24/2024	0152
7439-89-6	Iron	26000	D	10/24/2024	0152
7439-92-1	Lead	38	D	10/24/2024	0152
7439-95-4	Magnesium	4400	D	10/24/2024	0152
7439-96-5	Manganese	490	D [*]	10/24/2024	0152
7440-02-0	Nickel	14	D	10/24/2024	0152
7440-09-7	Potassium	2400	D	10/24/2024	0152
7782-49-2	Selenium	5.2	UD [†]	10/24/2024	0152
7440-22-4	Silver	1.5	UD	10/24/2024	0152
7440-23-5	Sodium	750	UD	10/24/2024	0152
7440-28-0	Thallium	3.7	UD	10/24/2024	0152
7440-62-2	Vanadium	41	D	10/24/2024	0152
7440-66-6	Zinc	110	D	10/24/2024	0152

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

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MYDB14

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB12

Matrix: SOIL Lab Sample ID: P4318-03

% 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	8500	D	10/24/2024	0157
7440-36-0	Antimony	8.2	UD [†]	10/24/2024	0157
7440-38-2	Arsenic	12	D	10/24/2024	0157
7440-39-3	Barium	85	D	10/24/2024	0157
7440-41-7	Beryllium	0.61	JD	10/24/2024	0157
7440-43-9	Cadmium	0.49	JD	10/24/2024	0157
7440-70-2	Calcium	3500	D	10/24/2024	0157
7440-47-3	Chromium	7.6	D	10/24/2024	0157
7440-48-4	Cobalt	8.6	D	10/24/2024	0157
7440-50-8	Copper	19	D	10/24/2024	0157
7439-89-6	Iron	19000	D	10/24/2024	0157
7439-92-1	Lead	13	D	10/24/2024	0157
7439-95-4	Magnesium	3700	D	10/24/2024	0157
7439-96-5	Manganese	390	D*	10/24/2024	0157
7440-02-0	Nickel	11	D	10/24/2024	0157
7440-09-7	Potassium	1600	D	10/24/2024	0157
7782-49-2	Selenium	4.8	UD [†]	10/24/2024	0157
7440-22-4	Silver	1.4	UD	10/24/2024	0157
7440-23-5	Sodium	690	UD	10/24/2024	0157
7440-28-0	Thallium	3.4	UD	10/24/2024	0157
7440-62-2	Vanadium	29	D	10/24/2024	0157
7440-66-6	Zinc	49	D	10/24/2024	0157

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

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MYDB15

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB12

Matrix: SOIL Lab Sample ID: P4318-04

% 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	9500	D	10/24/2024	0210
7440-36-0	Antimony	0.81	JD [†]	10/24/2024	0210
7440-38-2	Arsenic	26	D	10/24/2024	0210
7440-39-3	Barium	82	D	10/24/2024	0210
7440-41-7	Beryllium	0.74	JD	10/24/2024	0210
7440-43-9	Cadmium	1.1	D	10/24/2024	0210
7440-70-2	Calcium	3700	D	10/24/2024	0210
7440-47-3	Chromium	11	D	10/24/2024	0210
7440-48-4	Cobalt	13	D	10/24/2024	0210
7440-50-8	Copper	57	D	10/24/2024	0210
7439-89-6	Iron	24000	D	10/24/2024	0210
7439-92-1	Lead	36	D	10/24/2024	0210
7439-95-4	Magnesium	4400	D	10/24/2024	0210
7439-96-5	Manganese	500	D*	10/24/2024	0210
7440-02-0	Nickel	17	D	10/24/2024	0210
7440-09-7	Potassium	2300	D	10/24/2024	0210
7782-49-2	Selenium	5.4	UD [†]	10/24/2024	0210
7440-22-4	Silver	1.5	UD	10/24/2024	0210
7440-23-5	Sodium	770	UD	10/24/2024	0210
7440-28-0	Thallium	3.9	UD	10/24/2024	0210
7440-62-2	Vanadium	40	D	10/24/2024	0210
7440-66-6	Zinc	97	D	10/24/2024	0210

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

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MYDB16

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB12
 Matrix: SOIL Lab Sample ID: P4318-05
 % Solids: 97.4 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	13000	D	10/24/2024	0214
7440-36-0	Antimony	9.9	UD [†]	10/24/2024	0214
7440-38-2	Arsenic	14	D	10/24/2024	0214
7440-39-3	Barium	120	D	10/24/2024	0214
7440-41-7	Beryllium	0.83	D	10/24/2024	0214
7440-43-9	Cadmium	0.64	JD	10/24/2024	0214
7440-70-2	Calcium	5200	D	10/24/2024	0214
7440-47-3	Chromium	12	D	10/24/2024	0214
7440-48-4	Cobalt	13	D	10/24/2024	0214
7440-50-8	Copper	25	D	10/24/2024	0214
7439-89-6	Iron	26000	D	10/24/2024	0214
7439-92-1	Lead	16	D	10/24/2024	0214
7439-95-4	Magnesium	5200	D	10/24/2024	0214
7439-96-5	Manganese	520	D*	10/24/2024	0214
7440-02-0	Nickel	17	D	10/24/2024	0214
7440-09-7	Potassium	1100	D	10/24/2024	0214
7782-49-2	Selenium	5.8	UD [†]	10/24/2024	0214
7440-22-4	Silver	1.6	UD	10/24/2024	0214
7440-23-5	Sodium	820	UD	10/24/2024	0214
7440-28-0	Thallium	4.1	UD	10/24/2024	0214
7440-62-2	Vanadium	46	D	10/24/2024	0214
7440-66-6	Zinc	58	D	10/24/2024	0214

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

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MYDB18

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB12

Matrix: SOIL Lab Sample ID: P4318-06

% Solids: 97.6 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	15000	D	10/24/2024	0219
7440-36-0	Antimony	9.2	UD [†]	10/24/2024	0219
7440-38-2	Arsenic	21	D	10/24/2024	0219
7440-39-3	Barium	240	D	10/24/2024	0219
7440-41-7	Beryllium	1.1	D	10/24/2024	0219
7440-43-9	Cadmium	1.1	D	10/24/2024	0219
7440-70-2	Calcium	5800	D	10/24/2024	0219
7440-47-3	Chromium	15	D	10/24/2024	0219
7440-48-4	Cobalt	19	D	10/24/2024	0219
7440-50-8	Copper	49	D	10/24/2024	0219
7439-89-6	Iron	32000	D	10/24/2024	0219
7439-92-1	Lead	39	D	10/24/2024	0219
7439-95-4	Magnesium	6500	D	10/24/2024	0219
7439-96-5	Manganese	1100	D [*]	10/24/2024	0219
7440-02-0	Nickel	22	D	10/24/2024	0219
7440-09-7	Potassium	3400	D	10/24/2024	0219
7782-49-2	Selenium	5.4	UD [†]	10/24/2024	0219
7440-22-4	Silver	1.5	UD	10/24/2024	0219
7440-23-5	Sodium	160	JD	10/24/2024	0219
7440-28-0	Thallium	3.8	UD	10/24/2024	0219
7440-62-2	Vanadium	49	D	10/24/2024	0219
7440-66-6	Zinc	95	D	10/24/2024	0219

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

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MYDB19

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB12

Matrix: SOIL Lab Sample ID: P4318-07

% 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	11000	D	10/24/2024	0223
7440-36-0	Antimony	8.4	UD [†]	10/24/2024	0223
7440-38-2	Arsenic	10	D	10/24/2024	0223
7440-39-3	Barium	99	D	10/24/2024	0223
7440-41-7	Beryllium	0.73	D	10/24/2024	0223
7440-43-9	Cadmium	0.44	JD	10/24/2024	0223
7440-70-2	Calcium	3700	D	10/24/2024	0223
7440-47-3	Chromium	12	D	10/24/2024	0223
7440-48-4	Cobalt	11	D	10/24/2024	0223
7440-50-8	Copper	20	D	10/24/2024	0223
7439-89-6	Iron	22000	D	10/24/2024	0223
7439-92-1	Lead	12	D	10/24/2024	0223
7439-95-4	Magnesium	4100	D	10/24/2024	0223
7439-96-5	Manganese	440	D*	10/24/2024	0223
7440-02-0	Nickel	14	D	10/24/2024	0223
7440-09-7	Potassium	1300	D	10/24/2024	0223
7782-49-2	Selenium	4.9	UD [†]	10/24/2024	0223
7440-22-4	Silver	1.4	UD	10/24/2024	0223
7440-23-5	Sodium	700	UD	10/24/2024	0223
7440-28-0	Thallium	3.5	UD	10/24/2024	0223
7440-62-2	Vanadium	34	D	10/24/2024	0223
7440-66-6	Zinc	40	D	10/24/2024	0223

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

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MYDB20

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB12

Matrix: SOIL Lab Sample ID: P4318-08

% Solids: 98.8 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	11000	D	10/24/2024	0227
7440-36-0	Antimony	9.0	UD [†]	10/24/2024	0227
7440-38-2	Arsenic	28	D	10/24/2024	0227
7440-39-3	Barium	97	D	10/24/2024	0227
7440-41-7	Beryllium	0.78	D	10/24/2024	0227
7440-43-9	Cadmium	1.1	D	10/24/2024	0227
7440-70-2	Calcium	4500	D	10/24/2024	0227
7440-47-3	Chromium	9.8	D	10/24/2024	0227
7440-48-4	Cobalt	12	D	10/24/2024	0227
7440-50-8	Copper	41	D	10/24/2024	0227
7439-89-6	Iron	26000	D	10/24/2024	0227
7439-92-1	Lead	40	D	10/24/2024	0227
7439-95-4	Magnesium	5000	D	10/24/2024	0227
7439-96-5	Manganese	510	D*	10/24/2024	0227
7440-02-0	Nickel	15	D	10/24/2024	0227
7440-09-7	Potassium	3000	D	10/24/2024	0227
7782-49-2	Selenium	5.3	UD [†]	10/24/2024	0227
7440-22-4	Silver	1.5	UD	10/24/2024	0227
7440-23-5	Sodium	750	UD	10/24/2024	0227
7440-28-0	Thallium	3.8	UD	10/24/2024	0227
7440-62-2	Vanadium	43	D	10/24/2024	0227
7440-66-6	Zinc	120	D	10/24/2024	0227

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

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MYDB21

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB12

Matrix: SOIL Lab Sample ID: P4318-09

% Solids: 97.2 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	16000	D	10/24/2024	0232
7440-36-0	Antimony	1.0	JD [†]	10/24/2024	0232
7440-38-2	Arsenic	25	D	10/24/2024	0232
7440-39-3	Barium	140	D	10/24/2024	0232
7440-41-7	Beryllium	1.0	D	10/24/2024	0232
7440-43-9	Cadmium	0.89	D	10/24/2024	0232
7440-70-2	Calcium	5700	D	10/24/2024	0232
7440-47-3	Chromium	16	D	10/24/2024	0232
7440-48-4	Cobalt	16	D	10/24/2024	0232
7440-50-8	Copper	36	D	10/24/2024	0232
7439-89-6	Iron	34000	D	10/24/2024	0232
7439-92-1	Lead	22	D	10/24/2024	0232
7439-95-4	Magnesium	6000	D	10/24/2024	0232
7439-96-5	Manganese	650	D*	10/24/2024	0232
7440-02-0	Nickel	20	D	10/24/2024	0232
7440-09-7	Potassium	2600	D	10/24/2024	0232
7782-49-2	Selenium	5.8	UD [†]	10/24/2024	0232
7440-22-4	Silver	1.7	UD	10/24/2024	0232
7440-23-5	Sodium	820	UD	10/24/2024	0232
7440-28-0	Thallium	4.1	UD	10/24/2024	0232
7440-62-2	Vanadium	54	D	10/24/2024	0232
7440-66-6	Zinc	75	D	10/24/2024	0232

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

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MYDB22

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB12

Matrix: SOIL Lab Sample ID: P4318-10

% Solids: 96.4 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	9900	D	10/25/2024	0755
7440-36-0	Antimony	9.9	UD [†]	10/25/2024	0755
7440-38-2	Arsenic	31	D	10/25/2024	0755
7440-39-3	Barium	87	D	10/25/2024	0755
7440-41-7	Beryllium	0.82	D	10/25/2024	0755
7440-43-9	Cadmium	1.3	D	10/25/2024	0755
7440-70-2	Calcium	3900	D	10/25/2024	0755
7440-47-3	Chromium	10	D	10/25/2024	0755
7440-48-4	Cobalt	16	D	10/25/2024	0755
7440-50-8	Copper	48	D	10/25/2024	0755
7439-89-6	Iron	34000	D	10/25/2024	0755
7439-92-1	Lead	36	D	10/25/2024	0755
7439-95-4	Magnesium	4200	D	10/25/2024	0755
7439-96-5	Manganese	460	D*	10/25/2024	0755
7440-02-0	Nickel	14	D	10/25/2024	0755
7440-09-7	Potassium	2200	D	10/25/2024	0755
7782-49-2	Selenium	5.8	UD [†]	10/25/2024	0755
7440-22-4	Silver	1.7	UD	10/25/2024	0755
7440-23-5	Sodium	820	UD	10/25/2024	0755
7440-28-0	Thallium	4.1	UD	10/25/2024	0755
7440-62-2	Vanadium	67	D	10/25/2024	0755
7440-66-6	Zinc	93	D	10/25/2024	0755

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MYDB63

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB12

Matrix: SOIL Lab Sample ID: P4318-11

% Solids: 95.9 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	14000	D	10/24/2024	0241
7440-36-0	Antimony	0.71	JD [†]	10/24/2024	0241
7440-38-2	Arsenic	18	D	10/24/2024	0241
7440-39-3	Barium	120	D	10/24/2024	0241
7440-41-7	Beryllium	0.94	D	10/24/2024	0241
7440-43-9	Cadmium	0.63	JD	10/24/2024	0241
7440-70-2	Calcium	5300	D	10/24/2024	0241
7440-47-3	Chromium	12	D	10/24/2024	0241
7440-48-4	Cobalt	15	D	10/24/2024	0241
7440-50-8	Copper	32	D	10/24/2024	0241
7439-89-6	Iron	32000	D	10/24/2024	0241
7439-92-1	Lead	12	D	10/24/2024	0241
7439-95-4	Magnesium	5900	D	10/24/2024	0241
7439-96-5	Manganese	550	D*	10/24/2024	0241
7440-02-0	Nickel	14	D	10/24/2024	0241
7440-09-7	Potassium	780	D	10/24/2024	0241
7782-49-2	Selenium	5.4	UD [†]	10/24/2024	0241
7440-22-4	Silver	1.5	UD	10/24/2024	0241
7440-23-5	Sodium	770	UD	10/24/2024	0241
7440-28-0	Thallium	3.9	UD	10/24/2024	0241
7440-62-2	Vanadium	51	D	10/24/2024	0241
7440-66-6	Zinc	52	D	10/24/2024	0241

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB64

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB12

Matrix: SOIL Lab Sample ID: P4318-12

% 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	11000	D	10/24/2024	0245
7440-36-0	Antimony	8.5	UD [†]	10/24/2024	0245
7440-38-2	Arsenic	11	D	10/24/2024	0245
7440-39-3	Barium	100	D	10/24/2024	0245
7440-41-7	Beryllium	0.69	JD	10/24/2024	0245
7440-43-9	Cadmium	0.50	JD	10/24/2024	0245
7440-70-2	Calcium	4800	D	10/24/2024	0245
7440-47-3	Chromium	11	D	10/24/2024	0245
7440-48-4	Cobalt	11	D	10/24/2024	0245
7440-50-8	Copper	19	D	10/24/2024	0245
7439-89-6	Iron	21000	D	10/24/2024	0245
7439-92-1	Lead	11	D	10/24/2024	0245
7439-95-4	Magnesium	4300	D	10/24/2024	0245
7439-96-5	Manganese	480	D*	10/24/2024	0245
7440-02-0	Nickel	15	D	10/24/2024	0245
7440-09-7	Potassium	600	JD	10/24/2024	0245
7782-49-2	Selenium	4.9	UD [†]	10/24/2024	0245
7440-22-4	Silver	1.4	UD	10/24/2024	0245
7440-23-5	Sodium	700	UD	10/24/2024	0245
7440-28-0	Thallium	3.5	UD	10/24/2024	0245
7440-62-2	Vanadium	33	D	10/24/2024	0245
7440-66-6	Zinc	45	D	10/24/2024	0245

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB65

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB12

Matrix: SOIL Lab Sample ID: P4318-13

% Solids: 96.5 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	13000	D	10/24/2024	0250
7440-36-0	Antimony	9.4	UD [†]	10/24/2024	0250
7440-38-2	Arsenic	14	D	10/24/2024	0250
7440-39-3	Barium	120	D	10/24/2024	0250
7440-41-7	Beryllium	0.79	D	10/24/2024	0250
7440-43-9	Cadmium	0.71	JD	10/24/2024	0250
7440-70-2	Calcium	5600	D	10/24/2024	0250
7440-47-3	Chromium	13	D	10/24/2024	0250
7440-48-4	Cobalt	14	D	10/24/2024	0250
7440-50-8	Copper	25	D	10/24/2024	0250
7439-89-6	Iron	27000	D	10/24/2024	0250
7439-92-1	Lead	14	D	10/24/2024	0250
7439-95-4	Magnesium	5800	D	10/24/2024	0250
7439-96-5	Manganese	670	D*	10/24/2024	0250
7440-02-0	Nickel	16	D	10/24/2024	0250
7440-09-7	Potassium	1500	D	10/24/2024	0250
7782-49-2	Selenium	5.5	UD [†]	10/24/2024	0250
7440-22-4	Silver	1.6	UD	10/24/2024	0250
7440-23-5	Sodium	790	UD	10/24/2024	0250
7440-28-0	Thallium	3.9	UD	10/24/2024	0250
7440-62-2	Vanadium	43	D	10/24/2024	0250
7440-66-6	Zinc	65	D	10/24/2024	0250

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB66

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB12

Matrix: SOIL Lab Sample ID: P4318-14

% Solids: 96.8 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	14000	D	10/24/2024	0254
7440-36-0	Antimony	0.88	JD [†]	10/24/2024	0254
7440-38-2	Arsenic	50	D	10/24/2024	0254
7440-39-3	Barium	120	D	10/24/2024	0254
7440-41-7	Beryllium	0.93	D	10/24/2024	0254
7440-43-9	Cadmium	1.1	D	10/24/2024	0254
7440-70-2	Calcium	4400	D	10/24/2024	0254
7440-47-3	Chromium	14	D	10/24/2024	0254
7440-48-4	Cobalt	13	D	10/24/2024	0254
7440-50-8	Copper	49	D	10/24/2024	0254
7439-89-6	Iron	31000	D	10/24/2024	0254
7439-92-1	Lead	46	D	10/24/2024	0254
7439-95-4	Magnesium	5100	D	10/24/2024	0254
7439-96-5	Manganese	560	D [*]	10/24/2024	0254
7440-02-0	Nickel	16	D	10/24/2024	0254
7440-09-7	Potassium	2100	D	10/24/2024	0254
7782-49-2	Selenium	5.8	UD [†]	10/24/2024	0254
7440-22-4	Silver	1.7	UD	10/24/2024	0254
7440-23-5	Sodium	830	UD	10/24/2024	0254
7440-28-0	Thallium	4.2	UD	10/24/2024	0254
7440-62-2	Vanadium	48	D	10/24/2024	0254
7440-66-6	Zinc	140	D	10/24/2024	0254

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB67

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB12

Matrix: SOIL Lab Sample ID: P4318-15

% Solids: 97.6 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	15000	D	10/24/2024	0258
7440-36-0	Antimony	0.88	JD [†]	10/24/2024	0258
7440-38-2	Arsenic	58	D	10/24/2024	0258
7440-39-3	Barium	120	D	10/24/2024	0258
7440-41-7	Beryllium	0.94	D	10/24/2024	0258
7440-43-9	Cadmium	1.2	D	10/24/2024	0258
7440-70-2	Calcium	5200	D	10/24/2024	0258
7440-47-3	Chromium	13	D	10/24/2024	0258
7440-48-4	Cobalt	15	D	10/24/2024	0258
7440-50-8	Copper	46	D	10/24/2024	0258
7439-89-6	Iron	34000	D	10/24/2024	0258
7439-92-1	Lead	53	D	10/24/2024	0258
7439-95-4	Magnesium	5900	D	10/24/2024	0258
7439-96-5	Manganese	550	D*	10/24/2024	0258
7440-02-0	Nickel	16	D	10/24/2024	0258
7440-09-7	Potassium	1900	D	10/24/2024	0258
7782-49-2	Selenium	5.4	UD [†]	10/24/2024	0258
7440-22-4	Silver	1.6	UD	10/24/2024	0258
7440-23-5	Sodium	180	JD	10/24/2024	0258
7440-28-0	Thallium	3.9	UD	10/24/2024	0258
7440-62-2	Vanadium	55	D	10/24/2024	0258
7440-66-6	Zinc	170	D	10/24/2024	0258

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB68

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB12

Matrix: SOIL Lab Sample ID: P4318-16

% Solids: 97.4 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	12000	D	10/24/2024	0303
7440-36-0	Antimony	0.90	JD [†]	10/24/2024	0303
7440-38-2	Arsenic	38	D	10/24/2024	0303
7440-39-3	Barium	94	D	10/24/2024	0303
7440-41-7	Beryllium	0.83	D	10/24/2024	0303
7440-43-9	Cadmium	1.1	D	10/24/2024	0303
7440-70-2	Calcium	4000	D	10/24/2024	0303
7440-47-3	Chromium	13	D	10/24/2024	0303
7440-48-4	Cobalt	12	D	10/24/2024	0303
7440-50-8	Copper	60	D	10/24/2024	0303
7439-89-6	Iron	26000	D	10/24/2024	0303
7439-92-1	Lead	37	D	10/24/2024	0303
7439-95-4	Magnesium	4600	D	10/24/2024	0303
7439-96-5	Manganese	610	D*	10/24/2024	0303
7440-02-0	Nickel	17	D	10/24/2024	0303
7440-09-7	Potassium	2000	D	10/24/2024	0303
7782-49-2	Selenium	5.5	UD [†]	10/24/2024	0303
7440-22-4	Silver	1.6	UD	10/24/2024	0303
7440-23-5	Sodium	790	UD	10/24/2024	0303
7440-28-0	Thallium	4.0	UD	10/24/2024	0303
7440-62-2	Vanadium	43	D	10/24/2024	0303
7440-66-6	Zinc	130	D	10/24/2024	0303

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB69

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB12

Matrix: SOIL Lab Sample ID: P4318-17

% Solids: 97.1 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	11000	D	10/24/2024	0307
7440-36-0	Antimony	0.78	JD [†]	10/24/2024	0307
7440-38-2	Arsenic	33	D	10/24/2024	0307
7440-39-3	Barium	85	D	10/24/2024	0307
7440-41-7	Beryllium	0.74	D	10/24/2024	0307
7440-43-9	Cadmium	0.93	D	10/24/2024	0307
7440-70-2	Calcium	4700	D	10/24/2024	0307
7440-47-3	Chromium	9.4	D	10/24/2024	0307
7440-48-4	Cobalt	9.1	D	10/24/2024	0307
7440-50-8	Copper	34	D	10/24/2024	0307
7439-89-6	Iron	23000	D	10/24/2024	0307
7439-92-1	Lead	39	D	10/24/2024	0307
7439-95-4	Magnesium	4000	D	10/24/2024	0307
7439-96-5	Manganese	430	D*	10/24/2024	0307
7440-02-0	Nickel	13	D	10/24/2024	0307
7440-09-7	Potassium	1800	D	10/24/2024	0307
7782-49-2	Selenium	5.1	UD [†]	10/24/2024	0307
7440-22-4	Silver	1.5	UD	10/24/2024	0307
7440-23-5	Sodium	730	UD	10/24/2024	0307
7440-28-0	Thallium	3.6	UD	10/24/2024	0307
7440-62-2	Vanadium	36	D	10/24/2024	0307
7440-66-6	Zinc	120	D	10/24/2024	0307

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB70

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB12

Matrix: SOIL Lab Sample ID: P4318-18

% Solids: 96.6 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	16000	D	10/24/2024	0312
7440-36-0	Antimony	0.95	JD [†]	10/24/2024	0312
7440-38-2	Arsenic	51	D	10/24/2024	0312
7440-39-3	Barium	130	D	10/24/2024	0312
7440-41-7	Beryllium	1.1	D	10/24/2024	0312
7440-43-9	Cadmium	1.4	D	10/24/2024	0312
7440-70-2	Calcium	5600	D	10/24/2024	0312
7440-47-3	Chromium	16	D	10/24/2024	0312
7440-48-4	Cobalt	16	D	10/24/2024	0312
7440-50-8	Copper	54	D	10/24/2024	0312
7439-89-6	Iron	35000	D	10/24/2024	0312
7439-92-1	Lead	50	D	10/24/2024	0312
7439-95-4	Magnesium	5600	D	10/24/2024	0312
7439-96-5	Manganese	640	D*	10/24/2024	0312
7440-02-0	Nickel	19	D	10/24/2024	0312
7440-09-7	Potassium	2100	D	10/24/2024	0312
7782-49-2	Selenium	5.5	UD [†]	10/24/2024	0312
7440-22-4	Silver	1.6	UD	10/24/2024	0312
7440-23-5	Sodium	170	JD	10/24/2024	0312
7440-28-0	Thallium	3.9	UD	10/24/2024	0312
7440-62-2	Vanadium	58	D	10/24/2024	0312
7440-66-6	Zinc	160	D	10/24/2024	0312

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB71

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB12

Matrix: SOIL Lab Sample ID: P4318-19

% Solids: 97.4 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	12000	D	10/24/2024	0316
7440-36-0	Antimony	9.8	UD [†]	10/24/2024	0316
7440-38-2	Arsenic	37	D	10/24/2024	0316
7440-39-3	Barium	100	D	10/24/2024	0316
7440-41-7	Beryllium	0.80	JD	10/24/2024	0316
7440-43-9	Cadmium	1.1	D	10/24/2024	0316
7440-70-2	Calcium	5100	D	10/24/2024	0316
7440-47-3	Chromium	12	D	10/24/2024	0316
7440-48-4	Cobalt	11	D	10/24/2024	0316
7440-50-8	Copper	51	D	10/24/2024	0316
7439-89-6	Iron	26000	D	10/24/2024	0316
7439-92-1	Lead	45	D	10/24/2024	0316
7439-95-4	Magnesium	4800	D	10/24/2024	0316
7439-96-5	Manganese	550	D*	10/24/2024	0316
7440-02-0	Nickel	16	D	10/24/2024	0316
7440-09-7	Potassium	2300	D	10/24/2024	0316
7782-49-2	Selenium	5.7	UD [†]	10/24/2024	0316
7440-22-4	Silver	1.6	UD	10/24/2024	0316
7440-23-5	Sodium	820	UD	10/24/2024	0316
7440-28-0	Thallium	4.1	UD	10/24/2024	0316
7440-62-2	Vanadium	38	D	10/24/2024	0316
7440-66-6	Zinc	130	D	10/24/2024	0316

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB72

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB12

Matrix: SOIL Lab Sample ID: P4318-20

% Solids: 96.5 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	16000	D	10/24/2024	0321
7440-36-0	Antimony	0.72	JD [†]	10/24/2024	0321
7440-38-2	Arsenic	33	D	10/24/2024	0321
7440-39-3	Barium	130	D	10/24/2024	0321
7440-41-7	Beryllium	1.0	D	10/24/2024	0321
7440-43-9	Cadmium	0.92	D	10/24/2024	0321
7440-70-2	Calcium	5100	D	10/24/2024	0321
7440-47-3	Chromium	15	D	10/24/2024	0321
7440-48-4	Cobalt	15	D	10/24/2024	0321
7440-50-8	Copper	43	D	10/24/2024	0321
7439-89-6	Iron	32000	D	10/24/2024	0321
7439-92-1	Lead	28	D	10/24/2024	0321
7439-95-4	Magnesium	5400	D	10/24/2024	0321
7439-96-5	Manganese	530	D*	10/24/2024	0321
7440-02-0	Nickel	17	D	10/24/2024	0321
7440-09-7	Potassium	1300	D	10/24/2024	0321
7782-49-2	Selenium	5.5	UD [†]	10/24/2024	0321
7440-22-4	Silver	1.6	UD	10/24/2024	0321
7440-23-5	Sodium	160	JD	10/24/2024	0321
7440-28-0	Thallium	3.9	UD	10/24/2024	0321
7440-62-2	Vanadium	53	D	10/24/2024	0321
7440-66-6	Zinc	91	D	10/24/2024	0321

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

Comments: