

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB23

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB23

Matrix: SOIL Lab Sample ID: P4313-01

% 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	12000	D	10/25/2024	0124
7440-36-0	Antimony	11	UD	10/25/2024	0124
7440-38-2	Arsenic	23	D	10/25/2024	0124
7440-39-3	Barium	100	D	10/25/2024	0124
7440-41-7	Beryllium	0.77	JD	10/25/2024	0124
7440-43-9	Cadmium	0.83	JD	10/25/2024	0124
7440-70-2	Calcium	4000	D	10/25/2024	0124
7440-47-3	Chromium	10	D	10/25/2024	0124
7440-48-4	Cobalt	13	D	10/25/2024	0124
7440-50-8	Copper	35	D	10/25/2024	0124
7439-89-6	Iron	27000	D	10/25/2024	0124
7439-92-1	Lead	22	D	10/25/2024	0124
7439-95-4	Magnesium	4500	D	10/25/2024	0124
7439-96-5	Manganese	530	D	10/25/2024	0124
7440-02-0	Nickel	15	D	10/25/2024	0124
7440-09-7	Potassium	2400	D	10/25/2024	0124
7782-49-2	Selenium	6.4	UD [†]	10/25/2024	0124
7440-22-4	Silver	1.8	UD	10/25/2024	0124
7440-23-5	Sodium	910	UD	10/25/2024	0124
7440-28-0	Thallium	4.6	UD	10/25/2024	0124
7440-62-2	Vanadium	44	D	10/25/2024	0124
7440-66-6	Zinc	74	D	10/25/2024	0124

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

Comments:

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MYDB24

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB23

Matrix: SOIL Lab Sample ID: P4313-02

% 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	11000	D	10/25/2024	0129
7440-36-0	Antimony	9.5	UD	10/25/2024	0129
7440-38-2	Arsenic	9.8	D	10/25/2024	0129
7440-39-3	Barium	91	D	10/25/2024	0129
7440-41-7	Beryllium	0.66	JD	10/25/2024	0129
7440-43-9	Cadmium	0.54	JD	10/25/2024	0129
7440-70-2	Calcium	3700	D	10/25/2024	0129
7440-47-3	Chromium	11	D	10/25/2024	0129
7440-48-4	Cobalt	11	D	10/25/2024	0129
7440-50-8	Copper	18	D	10/25/2024	0129
7439-89-6	Iron	23000	D	10/25/2024	0129
7439-92-1	Lead	12	D	10/25/2024	0129
7439-95-4	Magnesium	4500	D	10/25/2024	0129
7439-96-5	Manganese	500	D	10/25/2024	0129
7440-02-0	Nickel	15	D	10/25/2024	0129
7440-09-7	Potassium	2100	D	10/25/2024	0129
7782-49-2	Selenium	5.5	UD [†]	10/25/2024	0129
7440-22-4	Silver	1.6	UD	10/25/2024	0129
7440-23-5	Sodium	790	UD	10/25/2024	0129
7440-28-0	Thallium	3.9	UD	10/25/2024	0129
7440-62-2	Vanadium	36	D	10/25/2024	0129
7440-66-6	Zinc	44	D	10/25/2024	0129

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

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MYDB25

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB23

Matrix: SOIL Lab Sample ID: P4313-03

% 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	9200	D	10/25/2024	0133
7440-36-0	Antimony	0.81	JD	10/25/2024	0133
7440-38-2	Arsenic	24	D	10/25/2024	0133
7440-39-3	Barium	94	D	10/25/2024	0133
7440-41-7	Beryllium	0.57	JD	10/25/2024	0133
7440-43-9	Cadmium	0.79	D	10/25/2024	0133
7440-70-2	Calcium	3400	D	10/25/2024	0133
7440-47-3	Chromium	8.8	D	10/25/2024	0133
7440-48-4	Cobalt	9.7	D	10/25/2024	0133
7440-50-8	Copper	29	D	10/25/2024	0133
7439-89-6	Iron	21000	D	10/25/2024	0133
7439-92-1	Lead	26	D	10/25/2024	0133
7439-95-4	Magnesium	3900	D	10/25/2024	0133
7439-96-5	Manganese	460	D	10/25/2024	0133
7440-02-0	Nickel	12	D	10/25/2024	0133
7440-09-7	Potassium	2000	D	10/25/2024	0133
7782-49-2	Selenium	4.9	UD [†]	10/25/2024	0133
7440-22-4	Silver	1.4	UD	10/25/2024	0133
7440-23-5	Sodium	700	UD	10/25/2024	0133
7440-28-0	Thallium	3.5	UD	10/25/2024	0133
7440-62-2	Vanadium	35	D	10/25/2024	0133
7440-66-6	Zinc	89	D	10/25/2024	0133

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

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MYDB26

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB23

Matrix: SOIL Lab Sample ID: P4313-04

% 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	11000	D	10/25/2024	0138
7440-36-0	Antimony	8.8	UD	10/25/2024	0138
7440-38-2	Arsenic	28	D	10/25/2024	0138
7440-39-3	Barium	100	D	10/25/2024	0138
7440-41-7	Beryllium	0.71	JD	10/25/2024	0138
7440-43-9	Cadmium	1.0	D	10/25/2024	0138
7440-70-2	Calcium	4300	D	10/25/2024	0138
7440-47-3	Chromium	11	D	10/25/2024	0138
7440-48-4	Cobalt	13	D	10/25/2024	0138
7440-50-8	Copper	38	D	10/25/2024	0138
7439-89-6	Iron	27000	D	10/25/2024	0138
7439-92-1	Lead	29	D	10/25/2024	0138
7439-95-4	Magnesium	4700	D	10/25/2024	0138
7439-96-5	Manganese	550	D	10/25/2024	0138
7440-02-0	Nickel	15	D	10/25/2024	0138
7440-09-7	Potassium	2900	D	10/25/2024	0138
7782-49-2	Selenium	5.1	UD [†]	10/25/2024	0138
7440-22-4	Silver	1.5	UD	10/25/2024	0138
7440-23-5	Sodium	730	UD	10/25/2024	0138
7440-28-0	Thallium	3.6	UD	10/25/2024	0138
7440-62-2	Vanadium	42	D	10/25/2024	0138
7440-66-6	Zinc	99	D	10/25/2024	0138

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

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MYDB27

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB23

Matrix: SOIL Lab Sample ID: P4313-07

% 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	12000	D	10/25/2024	0155
7440-36-0	Antimony	9.6	UD	10/25/2024	0155
7440-38-2	Arsenic	38	D	10/25/2024	0155
7440-39-3	Barium	110	D	10/25/2024	0155
7440-41-7	Beryllium	0.71	JD	10/25/2024	0155
7440-43-9	Cadmium	1.1	D	10/25/2024	0155
7440-70-2	Calcium	4200	D	10/25/2024	0155
7440-47-3	Chromium	11	D	10/25/2024	0155
7440-48-4	Cobalt	12	D	10/25/2024	0155
7440-50-8	Copper	36	D	10/25/2024	0155
7439-89-6	Iron	27000	D	10/25/2024	0155
7439-92-1	Lead	42	D	10/25/2024	0155
7439-95-4	Magnesium	4800	D	10/25/2024	0155
7439-96-5	Manganese	520	D	10/25/2024	0155
7440-02-0	Nickel	15	D	10/25/2024	0155
7440-09-7	Potassium	2200	D	10/25/2024	0155
7782-49-2	Selenium	5.6	UD [†]	10/25/2024	0155
7440-22-4	Silver	1.6	UD	10/25/2024	0155
7440-23-5	Sodium	800	UD	10/25/2024	0155
7440-28-0	Thallium	4.0	UD	10/25/2024	0155
7440-62-2	Vanadium	43	D	10/25/2024	0155
7440-66-6	Zinc	130	D	10/25/2024	0155

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

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MYDB28

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB23

Matrix: SOIL Lab Sample ID: P4313-08

% 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	14000	D	10/25/2024	0200
7440-36-0	Antimony	9.4	UD	10/25/2024	0200
7440-38-2	Arsenic	56	D	10/25/2024	0200
7440-39-3	Barium	120	D	10/25/2024	0200
7440-41-7	Beryllium	0.91	D	10/25/2024	0200
7440-43-9	Cadmium	1.7	D	10/25/2024	0200
7440-70-2	Calcium	5100	D	10/25/2024	0200
7440-47-3	Chromium	15	D	10/25/2024	0200
7440-48-4	Cobalt	16	D	10/25/2024	0200
7440-50-8	Copper	78	D	10/25/2024	0200
7439-89-6	Iron	33000	D	10/25/2024	0200
7439-92-1	Lead	63	D	10/25/2024	0200
7439-95-4	Magnesium	5800	D	10/25/2024	0200
7439-96-5	Manganese	610	D	10/25/2024	0200
7440-02-0	Nickel	20	D	10/25/2024	0200
7440-09-7	Potassium	2700	D	10/25/2024	0200
7782-49-2	Selenium	5.5	UD [†]	10/25/2024	0200
7440-22-4	Silver	1.6	UD	10/25/2024	0200
7440-23-5	Sodium	780	UD	10/25/2024	0200
7440-28-0	Thallium	3.9	UD	10/25/2024	0200
7440-62-2	Vanadium	54	D	10/25/2024	0200
7440-66-6	Zinc	180	D	10/25/2024	0200

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

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MYDB29

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB23

Matrix: SOIL Lab Sample ID: P4313-09

% 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	6900	D	10/25/2024	0204
7440-36-0	Antimony	8.4	UD	10/25/2024	0204
7440-38-2	Arsenic	21	D	10/25/2024	0204
7440-39-3	Barium	66	D	10/25/2024	0204
7440-41-7	Beryllium	0.45	JD	10/25/2024	0204
7440-43-9	Cadmium	0.67	JD	10/25/2024	0204
7440-70-2	Calcium	2900	D	10/25/2024	0204
7440-47-3	Chromium	8.4	D	10/25/2024	0204
7440-48-4	Cobalt	7.3	D	10/25/2024	0204
7440-50-8	Copper	31	D	10/25/2024	0204
7439-89-6	Iron	15000	D	10/25/2024	0204
7439-92-1	Lead	27	D	10/25/2024	0204
7439-95-4	Magnesium	2900	D	10/25/2024	0204
7439-96-5	Manganese	340	D	10/25/2024	0204
7440-02-0	Nickel	9.3	D	10/25/2024	0204
7440-09-7	Potassium	1500	D	10/25/2024	0204
7782-49-2	Selenium	4.9	UD [†]	10/25/2024	0204
7440-22-4	Silver	1.4	UD	10/25/2024	0204
7440-23-5	Sodium	700	UD	10/25/2024	0204
7440-28-0	Thallium	3.5	UD	10/25/2024	0204
7440-62-2	Vanadium	25	D	10/25/2024	0204
7440-66-6	Zinc	73	D	10/25/2024	0204

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

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MYDB30

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB23

Matrix: SOIL Lab Sample ID: P4313-10

% 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	12000	D	10/25/2024	0209
7440-36-0	Antimony	0.91	JD	10/25/2024	0209
7440-38-2	Arsenic	76	D	10/25/2024	0209
7440-39-3	Barium	120	D	10/25/2024	0209
7440-41-7	Beryllium	0.83	D	10/25/2024	0209
7440-43-9	Cadmium	1.7	D	10/25/2024	0209
7440-70-2	Calcium	6200	D	10/25/2024	0209
7440-47-3	Chromium	11	D	10/25/2024	0209
7440-48-4	Cobalt	14	D	10/25/2024	0209
7440-50-8	Copper	56	D	10/25/2024	0209
7439-89-6	Iron	30000	D	10/25/2024	0209
7439-92-1	Lead	91	D	10/25/2024	0209
7439-95-4	Magnesium	5200	D	10/25/2024	0209
7439-96-5	Manganese	900	D	10/25/2024	0209
7440-02-0	Nickel	18	D	10/25/2024	0209
7440-09-7	Potassium	3300	D	10/25/2024	0209
7782-49-2	Selenium	5.8	UD [†]	10/25/2024	0209
7440-22-4	Silver	1.7	UD	10/25/2024	0209
7440-23-5	Sodium	830	UD	10/25/2024	0209
7440-28-0	Thallium	4.1	UD	10/25/2024	0209
7440-62-2	Vanadium	41	D	10/25/2024	0209
7440-66-6	Zinc	230	D	10/25/2024	0209

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

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MYDB31

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB23

Matrix: SOIL Lab Sample ID: P4313-11

% 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	9400	D	10/25/2024	0213
7440-36-0	Antimony	9.4	UD	10/25/2024	0213
7440-38-2	Arsenic	13	D	10/25/2024	0213
7440-39-3	Barium	94	D	10/25/2024	0213
7440-41-7	Beryllium	0.61	JD	10/25/2024	0213
7440-43-9	Cadmium	0.62	JD	10/25/2024	0213
7440-70-2	Calcium	4300	D	10/25/2024	0213
7440-47-3	Chromium	8.7	D	10/25/2024	0213
7440-48-4	Cobalt	11	D	10/25/2024	0213
7440-50-8	Copper	25	D	10/25/2024	0213
7439-89-6	Iron	21000	D	10/25/2024	0213
7439-92-1	Lead	16	D	10/25/2024	0213
7439-95-4	Magnesium	4300	D	10/25/2024	0213
7439-96-5	Manganese	470	D	10/25/2024	0213
7440-02-0	Nickel	13	D	10/25/2024	0213
7440-09-7	Potassium	1800	D	10/25/2024	0213
7782-49-2	Selenium	5.5	UD [†]	10/25/2024	0213
7440-22-4	Silver	1.6	UD	10/25/2024	0213
7440-23-5	Sodium	790	UD	10/25/2024	0213
7440-28-0	Thallium	3.9	UD	10/25/2024	0213
7440-62-2	Vanadium	36	D	10/25/2024	0213
7440-66-6	Zinc	50	D	10/25/2024	0213

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

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MYDB32

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB23

Matrix: SOIL Lab Sample ID: P4313-12

% 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	9900	D	10/25/2024	0218
7440-36-0	Antimony	0.99	JD	10/25/2024	0218
7440-38-2	Arsenic	57	D	10/25/2024	0218
7440-39-3	Barium	68	D	10/25/2024	0218
7440-41-7	Beryllium	0.65	JD	10/25/2024	0218
7440-43-9	Cadmium	1.1	D	10/25/2024	0218
7440-70-2	Calcium	3800	D	10/25/2024	0218
7440-47-3	Chromium	9.4	D	10/25/2024	0218
7440-48-4	Cobalt	10	D	10/25/2024	0218
7440-50-8	Copper	42	D	10/25/2024	0218
7439-89-6	Iron	25000	D	10/25/2024	0218
7439-92-1	Lead	54	D	10/25/2024	0218
7439-95-4	Magnesium	4200	D	10/25/2024	0218
7439-96-5	Manganese	420	D	10/25/2024	0218
7440-02-0	Nickel	14	D	10/25/2024	0218
7440-09-7	Potassium	2000	D	10/25/2024	0218
7782-49-2	Selenium	4.9	UD [†]	10/25/2024	0218
7440-22-4	Silver	1.4	UD	10/25/2024	0218
7440-23-5	Sodium	690	UD	10/25/2024	0218
7440-28-0	Thallium	3.5	UD	10/25/2024	0218
7440-62-2	Vanadium	39	D	10/25/2024	0218
7440-66-6	Zinc	150	D	10/25/2024	0218

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

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MYDB33

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB23

Matrix: SOIL Lab Sample ID: P4313-13

% Solids: 96.7 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	16000	D	10/25/2024	0222
7440-36-0	Antimony	0.88	JD	10/25/2024	0222
7440-38-2	Arsenic	33	D	10/25/2024	0222
7440-39-3	Barium	120	D	10/25/2024	0222
7440-41-7	Beryllium	1.0	D	10/25/2024	0222
7440-43-9	Cadmium	1.2	D	10/25/2024	0222
7440-70-2	Calcium	5600	D	10/25/2024	0222
7440-47-3	Chromium	13	D	10/25/2024	0222
7440-48-4	Cobalt	16	D	10/25/2024	0222
7440-50-8	Copper	46	D	10/25/2024	0222
7439-89-6	Iron	35000	D	10/25/2024	0222
7439-92-1	Lead	39	D	10/25/2024	0222
7439-95-4	Magnesium	5900	D	10/25/2024	0222
7439-96-5	Manganese	590	D	10/25/2024	0222
7440-02-0	Nickel	18	D	10/25/2024	0222
7440-09-7	Potassium	2600	D	10/25/2024	0222
7782-49-2	Selenium	6.5	UD [†]	10/25/2024	0222
7440-22-4	Silver	1.9	UD	10/25/2024	0222
7440-23-5	Sodium	920	UD	10/25/2024	0222
7440-28-0	Thallium	4.6	UD	10/25/2024	0222
7440-62-2	Vanadium	56	D	10/25/2024	0222
7440-66-6	Zinc	120	D	10/25/2024	0222

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB34

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB23

Matrix: SOIL Lab Sample ID: P4313-14

% 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	19000	D	10/25/2024	0226
7440-36-0	Antimony	1.3	JD	10/25/2024	0226
7440-38-2	Arsenic	74	D	10/25/2024	0226
7440-39-3	Barium	140	D	10/25/2024	0226
7440-41-7	Beryllium	1.2	D	10/25/2024	0226
7440-43-9	Cadmium	1.9	D	10/25/2024	0226
7440-70-2	Calcium	6000	D	10/25/2024	0226
7440-47-3	Chromium	18	D	10/25/2024	0226
7440-48-4	Cobalt	19	D	10/25/2024	0226
7440-50-8	Copper	69	D	10/25/2024	0226
7439-89-6	Iron	43000	D	10/25/2024	0226
7439-92-1	Lead	68	D	10/25/2024	0226
7439-95-4	Magnesium	6600	D	10/25/2024	0226
7439-96-5	Manganese	650	D	10/25/2024	0226
7440-02-0	Nickel	22	D	10/25/2024	0226
7440-09-7	Potassium	2700	D	10/25/2024	0226
7782-49-2	Selenium	6.6	UD [†]	10/25/2024	0226
7440-22-4	Silver	1.9	UD	10/25/2024	0226
7440-23-5	Sodium	200	JD	10/25/2024	0226
7440-28-0	Thallium	4.7	UD	10/25/2024	0226
7440-62-2	Vanadium	72	D	10/25/2024	0226
7440-66-6	Zinc	190	D	10/25/2024	0226

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB35

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB23

Matrix: SOIL Lab Sample ID: P4313-15

% 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	11000	D	10/25/2024	0231
7440-36-0	Antimony	0.72	JD	10/25/2024	0231
7440-38-2	Arsenic	59	D	10/25/2024	0231
7440-39-3	Barium	120	D	10/25/2024	0231
7440-41-7	Beryllium	0.70	JD	10/25/2024	0231
7440-43-9	Cadmium	1.6	D	10/25/2024	0231
7440-70-2	Calcium	6400	D	10/25/2024	0231
7440-47-3	Chromium	12	D	10/25/2024	0231
7440-48-4	Cobalt	13	D	10/25/2024	0231
7440-50-8	Copper	49	D	10/25/2024	0231
7439-89-6	Iron	27000	D	10/25/2024	0231
7439-92-1	Lead	70	D	10/25/2024	0231
7439-95-4	Magnesium	4700	D	10/25/2024	0231
7439-96-5	Manganese	700	D	10/25/2024	0231
7440-02-0	Nickel	17	D	10/25/2024	0231
7440-09-7	Potassium	3000	D	10/25/2024	0231
7782-49-2	Selenium	4.9	UD [†]	10/25/2024	0231
7440-22-4	Silver	1.4	UD	10/25/2024	0231
7440-23-5	Sodium	710	UD	10/25/2024	0231
7440-28-0	Thallium	3.5	UD	10/25/2024	0231
7440-62-2	Vanadium	40	D	10/25/2024	0231
7440-66-6	Zinc	200	D	10/25/2024	0231

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB36

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB23

Matrix: SOIL Lab Sample ID: P4313-16

% Solids: 97.3 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	15000	D	10/25/2024	0235
7440-36-0	Antimony	11	UD	10/25/2024	0235
7440-38-2	Arsenic	43	D	10/25/2024	0235
7440-39-3	Barium	130	D	10/25/2024	0235
7440-41-7	Beryllium	0.96	D	10/25/2024	0235
7440-43-9	Cadmium	1.7	D	10/25/2024	0235
7440-70-2	Calcium	5400	D	10/25/2024	0235
7440-47-3	Chromium	13	D	10/25/2024	0235
7440-48-4	Cobalt	16	D	10/25/2024	0235
7440-50-8	Copper	110	D	10/25/2024	0235
7439-89-6	Iron	32000	D	10/25/2024	0235
7439-92-1	Lead	49	D	10/25/2024	0235
7439-95-4	Magnesium	5700	D	10/25/2024	0235
7439-96-5	Manganese	720	D	10/25/2024	0235
7440-02-0	Nickel	19	D	10/25/2024	0235
7440-09-7	Potassium	2400	D	10/25/2024	0235
7782-49-2	Selenium	6.7	UD [†]	10/25/2024	0235
7440-22-4	Silver	1.9	UD	10/25/2024	0235
7440-23-5	Sodium	950	UD	10/25/2024	0235
7440-28-0	Thallium	4.8	UD	10/25/2024	0235
7440-62-2	Vanadium	52	D	10/25/2024	0235
7440-66-6	Zinc	140	D	10/25/2024	0235

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB37

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB23

Matrix: SOIL Lab Sample ID: P4313-17

% 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	13000	D	10/25/2024	0240
7440-36-0	Antimony	9.0	UD	10/25/2024	0240
7440-38-2	Arsenic	13	D	10/25/2024	0240
7440-39-3	Barium	110	D	10/25/2024	0240
7440-41-7	Beryllium	0.83	D	10/25/2024	0240
7440-43-9	Cadmium	0.20	JD	10/25/2024	0240
7440-70-2	Calcium	5200	D	10/25/2024	0240
7440-47-3	Chromium	17	D	10/25/2024	0240
7440-48-4	Cobalt	9.2	D	10/25/2024	0240
7440-50-8	Copper	32	D	10/25/2024	0240
7439-89-6	Iron	30000	D	10/25/2024	0240
7439-92-1	Lead	16	D	10/25/2024	0240
7439-95-4	Magnesium	5700	D	10/25/2024	0240
7439-96-5	Manganese	530	D	10/25/2024	0240
7440-02-0	Nickel	13	D	10/25/2024	0240
7440-09-7	Potassium	1600	D	10/25/2024	0240
7782-49-2	Selenium	1.4	JD [†]	10/25/2024	0240
7440-22-4	Silver	1.5	UD	10/25/2024	0240
7440-23-5	Sodium	750	UD	10/25/2024	0240
7440-28-0	Thallium	3.7	UD	10/25/2024	0240
7440-62-2	Vanadium	52	D	10/25/2024	0240
7440-66-6	Zinc	73	D	10/25/2024	0240

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB38

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB23

Matrix: SOIL Lab Sample ID: P4313-18

% 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	12000	D	10/25/2024	0258
7440-36-0	Antimony	0.93	JD	10/25/2024	0258
7440-38-2	Arsenic	49	D	10/25/2024	0258
7440-39-3	Barium	98	D	10/25/2024	0258
7440-41-7	Beryllium	0.80	JD	10/25/2024	0258
7440-43-9	Cadmium	1.5	D	10/25/2024	0258
7440-70-2	Calcium	4200	D	10/25/2024	0258
7440-47-3	Chromium	9.1	D	10/25/2024	0258
7440-48-4	Cobalt	12	D	10/25/2024	0258
7440-50-8	Copper	59	D	10/25/2024	0258
7439-89-6	Iron	28000	D	10/25/2024	0258
7439-92-1	Lead	60	D	10/25/2024	0258
7439-95-4	Magnesium	5100	D	10/25/2024	0258
7439-96-5	Manganese	650	D	10/25/2024	0258
7440-02-0	Nickel	16	D	10/25/2024	0258
7440-09-7	Potassium	2200	D	10/25/2024	0258
7782-49-2	Selenium	5.8	UD [†]	10/25/2024	0258
7440-22-4	Silver	1.7	UD	10/25/2024	0258
7440-23-5	Sodium	830	UD	10/25/2024	0258
7440-28-0	Thallium	4.2	UD	10/25/2024	0258
7440-62-2	Vanadium	40	D	10/25/2024	0258
7440-66-6	Zinc	170	D	10/25/2024	0258

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB39

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB23

Matrix: SOIL Lab Sample ID: P4313-19

% 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	9000	D	10/25/2024	0302
7440-36-0	Antimony	1.2	JD	10/25/2024	0302
7440-38-2	Arsenic	41	D	10/25/2024	0302
7440-39-3	Barium	64	D	10/25/2024	0302
7440-41-7	Beryllium	0.66	JD	10/25/2024	0302
7440-43-9	Cadmium	1.1	D	10/25/2024	0302
7440-70-2	Calcium	3100	D	10/25/2024	0302
7440-47-3	Chromium	8.5	D	10/25/2024	0302
7440-48-4	Cobalt	11	D	10/25/2024	0302
7440-50-8	Copper	47	D	10/25/2024	0302
7439-89-6	Iron	26000	D	10/25/2024	0302
7439-92-1	Lead	40	D	10/25/2024	0302
7439-95-4	Magnesium	3700	D	10/25/2024	0302
7439-96-5	Manganese	430	D	10/25/2024	0302
7440-02-0	Nickel	12	D	10/25/2024	0302
7440-09-7	Potassium	1600	D	10/25/2024	0302
7782-49-2	Selenium	5.1	UD [†]	10/25/2024	0302
7440-22-4	Silver	1.5	UD	10/25/2024	0302
7440-23-5	Sodium	730	UD	10/25/2024	0302
7440-28-0	Thallium	3.7	UD	10/25/2024	0302
7440-62-2	Vanadium	44	D	10/25/2024	0302
7440-66-6	Zinc	110	D	10/25/2024	0302

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB40

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB23

Matrix: SOIL Lab Sample ID: P4313-20

% 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	15000	D	10/25/2024	0306
7440-36-0	Antimony	1.1	JD	10/25/2024	0306
7440-38-2	Arsenic	69	D	10/25/2024	0306
7440-39-3	Barium	130	D	10/25/2024	0306
7440-41-7	Beryllium	0.94	D	10/25/2024	0306
7440-43-9	Cadmium	1.9	D	10/25/2024	0306
7440-70-2	Calcium	6900	D	10/25/2024	0306
7440-47-3	Chromium	13	D	10/25/2024	0306
7440-48-4	Cobalt	16	D	10/25/2024	0306
7440-50-8	Copper	77	D	10/25/2024	0306
7439-89-6	Iron	33000	D	10/25/2024	0306
7439-92-1	Lead	77	D	10/25/2024	0306
7439-95-4	Magnesium	5700	D	10/25/2024	0306
7439-96-5	Manganese	870	D	10/25/2024	0306
7440-02-0	Nickel	20	D	10/25/2024	0306
7440-09-7	Potassium	3500	D	10/25/2024	0306
7782-49-2	Selenium	5.8	UD [†]	10/25/2024	0306
7440-22-4	Silver	1.7	UD	10/25/2024	0306
7440-23-5	Sodium	830	UD	10/25/2024	0306
7440-28-0	Thallium	4.2	UD	10/25/2024	0306
7440-62-2	Vanadium	49	D	10/25/2024	0306
7440-66-6	Zinc	220	D	10/25/2024	0306

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB41

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB23

Matrix: SOIL Lab Sample ID: P4313-21

% Solids: 95.8 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	10/25/2024	0311
7440-36-0	Antimony	1.2	JD	10/25/2024	0311
7440-38-2	Arsenic	31	D	10/25/2024	0311
7440-39-3	Barium	120	D	10/25/2024	0311
7440-41-7	Beryllium	0.87	D	10/25/2024	0311
7440-43-9	Cadmium	1.2	D	10/25/2024	0311
7440-70-2	Calcium	4900	D	10/25/2024	0311
7440-47-3	Chromium	15	D	10/25/2024	0311
7440-48-4	Cobalt	13	D	10/25/2024	0311
7440-50-8	Copper	46	D	10/25/2024	0311
7439-89-6	Iron	32000	D	10/25/2024	0311
7439-92-1	Lead	34	D	10/25/2024	0311
7439-95-4	Magnesium	5000	D	10/25/2024	0311
7439-96-5	Manganese	520	D	10/25/2024	0311
7440-02-0	Nickel	17	D	10/25/2024	0311
7440-09-7	Potassium	1900	D	10/25/2024	0311
7782-49-2	Selenium	5.3	UD [†]	10/25/2024	0311
7440-22-4	Silver	1.5	UD	10/25/2024	0311
7440-23-5	Sodium	750	UD	10/25/2024	0311
7440-28-0	Thallium	3.8	UD	10/25/2024	0311
7440-62-2	Vanadium	57	D	10/25/2024	0311
7440-66-6	Zinc	91	D	10/25/2024	0311

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB61

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB23

Matrix: SOIL Lab Sample ID: P4313-22

% 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	6600	D	10/25/2024	0315
7440-36-0	Antimony	8.2	UD	10/25/2024	0315
7440-38-2	Arsenic	14	D	10/25/2024	0315
7440-39-3	Barium	77	D	10/25/2024	0315
7440-41-7	Beryllium	0.48	JD	10/25/2024	0315
7440-43-9	Cadmium	0.49	JD	10/25/2024	0315
7440-70-2	Calcium	4200	D	10/25/2024	0315
7440-47-3	Chromium	12	D	10/25/2024	0315
7440-48-4	Cobalt	10	D	10/25/2024	0315
7440-50-8	Copper	20	D	10/25/2024	0315
7439-89-6	Iron	20000	D	10/25/2024	0315
7439-92-1	Lead	9.7	D	10/25/2024	0315
7439-95-4	Magnesium	3400	D	10/25/2024	0315
7439-96-5	Manganese	630	D	10/25/2024	0315
7440-02-0	Nickel	13	D	10/25/2024	0315
7440-09-7	Potassium	460	JD	10/25/2024	0315
7782-49-2	Selenium	4.8	UD [†]	10/25/2024	0315
7440-22-4	Silver	1.4	UD	10/25/2024	0315
7440-23-5	Sodium	680	UD	10/25/2024	0315
7440-28-0	Thallium	3.4	UD	10/25/2024	0315
7440-62-2	Vanadium	41	D	10/25/2024	0315
7440-66-6	Zinc	29	D	10/25/2024	0315

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

Comments: