

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB42

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB42

Matrix: SOIL Lab Sample ID: P4314-01

% 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	10/24/2024	1021
7440-36-0	Antimony	0.70	JD [†]	10/24/2024	1021
7440-38-2	Arsenic	46	D	10/24/2024	1021
7440-39-3	Barium	99	D	10/24/2024	1021
7440-41-7	Beryllium	0.73	JD	10/24/2024	1021
7440-43-9	Cadmium	1.5	D	10/24/2024	1021
7440-70-2	Calcium	5000	D	10/24/2024	1021
7440-47-3	Chromium	13	D	10/24/2024	1021
7440-48-4	Cobalt	12	D	10/24/2024	1021
7440-50-8	Copper	69	D	10/24/2024	1021
7439-89-6	Iron	25000	D	10/24/2024	1021
7439-92-1	Lead	65	D	10/24/2024	1021
7439-95-4	Magnesium	4000	D	10/24/2024	1021
7439-96-5	Manganese	670	D	10/24/2024	1021
7440-02-0	Nickel	14	D	10/24/2024	1021
7440-09-7	Potassium	2700	D	10/24/2024	1021
7782-49-2	Selenium	5.4	UD [†]	10/24/2024	1021
7440-22-4	Silver	1.6	UD	10/24/2024	1021
7440-23-5	Sodium	780	UD	10/24/2024	1021
7440-28-0	Thallium	3.9	UD	10/24/2024	1021
7440-62-2	Vanadium	35	D	10/24/2024	1021
7440-66-6	Zinc	180	D	10/24/2024	1021

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

Comments:

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MYDB43

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB42

Matrix: SOIL Lab Sample ID: P4314-02

% 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	11000	D	10/24/2024	1025
7440-36-0	Antimony	0.94	JD [†]	10/24/2024	1025
7440-38-2	Arsenic	38	D	10/24/2024	1025
7440-39-3	Barium	83	D	10/24/2024	1025
7440-41-7	Beryllium	0.81	D	10/24/2024	1025
7440-43-9	Cadmium	0.99	D	10/24/2024	1025
7440-70-2	Calcium	3700	D	10/24/2024	1025
7440-47-3	Chromium	13	D	10/24/2024	1025
7440-48-4	Cobalt	12	D	10/24/2024	1025
7440-50-8	Copper	36	D	10/24/2024	1025
7439-89-6	Iron	29000	D	10/24/2024	1025
7439-92-1	Lead	42	D	10/24/2024	1025
7439-95-4	Magnesium	4000	D	10/24/2024	1025
7439-96-5	Manganese	370	D	10/24/2024	1025
7440-02-0	Nickel	14	D	10/24/2024	1025
7440-09-7	Potassium	1600	D	10/24/2024	1025
7782-49-2	Selenium	5.3	UD [†]	10/24/2024	1025
7440-22-4	Silver	1.5	UD	10/24/2024	1025
7440-23-5	Sodium	760	UD	10/24/2024	1025
7440-28-0	Thallium	3.8	UD	10/24/2024	1025
7440-62-2	Vanadium	49	D	10/24/2024	1025
7440-66-6	Zinc	120	D	10/24/2024	1025

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

Comments:

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MYDB44

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB42

Matrix: SOIL Lab Sample ID: P4314-03

% Solids: 95.5 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	19000	D	10/24/2024	1030
7440-36-0	Antimony	10	UD [†]	10/24/2024	1030
7440-38-2	Arsenic	45	D	10/24/2024	1030
7440-39-3	Barium	140	D	10/24/2024	1030
7440-41-7	Beryllium	1.2	D	10/24/2024	1030
7440-43-9	Cadmium	1.4	D	10/24/2024	1030
7440-70-2	Calcium	5600	D	10/24/2024	1030
7440-47-3	Chromium	17	D	10/24/2024	1030
7440-48-4	Cobalt	17	D	10/24/2024	1030
7440-50-8	Copper	47	D	10/24/2024	1030
7439-89-6	Iron	39000	D	10/24/2024	1030
7439-92-1	Lead	42	D	10/24/2024	1030
7439-95-4	Magnesium	5800	D	10/24/2024	1030
7439-96-5	Manganese	560	D	10/24/2024	1030
7440-02-0	Nickel	19	D	10/24/2024	1030
7440-09-7	Potassium	1800	D	10/24/2024	1030
7782-49-2	Selenium	5.9	UD [†]	10/24/2024	1030
7440-22-4	Silver	1.7	UD	10/24/2024	1030
7440-23-5	Sodium	180	JD	10/24/2024	1030
7440-28-0	Thallium	4.2	UD	10/24/2024	1030
7440-62-2	Vanadium	72	D	10/24/2024	1030
7440-66-6	Zinc	130	D	10/24/2024	1030

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

Comments:

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MYDB45

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB42
 Matrix: SOIL Lab Sample ID: P4314-04
 % 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	15000	D	10/24/2024	1034
7440-36-0	Antimony	1.3	JD [†]	10/24/2024	1034
7440-38-2	Arsenic	26	D	10/24/2024	1034
7440-39-3	Barium	94	D	10/24/2024	1034
7440-41-7	Beryllium	0.91	D	10/24/2024	1034
7440-43-9	Cadmium	0.87	D	10/24/2024	1034
7440-70-2	Calcium	4500	D	10/24/2024	1034
7440-47-3	Chromium	12	D	10/24/2024	1034
7440-48-4	Cobalt	12	D	10/24/2024	1034
7440-50-8	Copper	33	D	10/24/2024	1034
7439-89-6	Iron	30000	D	10/24/2024	1034
7439-92-1	Lead	26	D	10/24/2024	1034
7439-95-4	Magnesium	4500	D	10/24/2024	1034
7439-96-5	Manganese	470	D	10/24/2024	1034
7440-02-0	Nickel	14	D	10/24/2024	1034
7440-09-7	Potassium	1900	D	10/24/2024	1034
7782-49-2	Selenium	5.5	UD [†]	10/24/2024	1034
7440-22-4	Silver	1.6	UD	10/24/2024	1034
7440-23-5	Sodium	780	UD	10/24/2024	1034
7440-28-0	Thallium	3.9	UD	10/24/2024	1034
7440-62-2	Vanadium	49	D	10/24/2024	1034
7440-66-6	Zinc	89	D	10/24/2024	1034

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

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MYDB46

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB42

Matrix: SOIL Lab Sample ID: P4314-05

% 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	14000	D	10/24/2024	1038
7440-36-0	Antimony	0.75	JD [†]	10/24/2024	1038
7440-38-2	Arsenic	11	D	10/24/2024	1038
7440-39-3	Barium	100	D	10/24/2024	1038
7440-41-7	Beryllium	0.90	D	10/24/2024	1038
7440-43-9	Cadmium	0.68	JD	10/24/2024	1038
7440-70-2	Calcium	4900	D	10/24/2024	1038
7440-47-3	Chromium	14	D	10/24/2024	1038
7440-48-4	Cobalt	12	D	10/24/2024	1038
7440-50-8	Copper	23	D	10/24/2024	1038
7439-89-6	Iron	30000	D	10/24/2024	1038
7439-92-1	Lead	13	D	10/24/2024	1038
7439-95-4	Magnesium	5000	D	10/24/2024	1038
7439-96-5	Manganese	420	D	10/24/2024	1038
7440-02-0	Nickel	15	D	10/24/2024	1038
7440-09-7	Potassium	1100	D	10/24/2024	1038
7782-49-2	Selenium	5.8	UD [†]	10/24/2024	1038
7440-22-4	Silver	1.7	UD	10/24/2024	1038
7440-23-5	Sodium	830	UD	10/24/2024	1038
7440-28-0	Thallium	4.2	UD	10/24/2024	1038
7440-62-2	Vanadium	53	D	10/24/2024	1038
7440-66-6	Zinc	48	D	10/24/2024	1038

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

Comments:

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MYDB47

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB42

Matrix: SOIL Lab Sample ID: P4314-06

% 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	12000	D	10/24/2024	1043
7440-36-0	Antimony	0.79	JD [†]	10/24/2024	1043
7440-38-2	Arsenic	19	D	10/24/2024	1043
7440-39-3	Barium	83	D	10/24/2024	1043
7440-41-7	Beryllium	0.77	D	10/24/2024	1043
7440-43-9	Cadmium	0.61	JD	10/24/2024	1043
7440-70-2	Calcium	4400	D	10/24/2024	1043
7440-47-3	Chromium	8.6	D	10/24/2024	1043
7440-48-4	Cobalt	9.3	D	10/24/2024	1043
7440-50-8	Copper	18	D	10/24/2024	1043
7439-89-6	Iron	25000	D	10/24/2024	1043
7439-92-1	Lead	10	D	10/24/2024	1043
7439-95-4	Magnesium	3700	D	10/24/2024	1043
7439-96-5	Manganese	440	D	10/24/2024	1043
7440-02-0	Nickel	11	D	10/24/2024	1043
7440-09-7	Potassium	1300	D	10/24/2024	1043
7782-49-2	Selenium	4.9	UD [†]	10/24/2024	1043
7440-22-4	Silver	1.4	UD	10/24/2024	1043
7440-23-5	Sodium	700	UD	10/24/2024	1043
7440-28-0	Thallium	3.5	UD	10/24/2024	1043
7440-62-2	Vanadium	46	D	10/24/2024	1043
7440-66-6	Zinc	40	D	10/24/2024	1043

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

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MYDB48

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB42

Matrix: SOIL Lab Sample ID: P4314-07

% 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	12000	D	10/24/2024	1047
7440-36-0	Antimony	0.81	JD [†]	10/24/2024	1047
7440-38-2	Arsenic	22	D	10/24/2024	1047
7440-39-3	Barium	89	D	10/24/2024	1047
7440-41-7	Beryllium	0.80	D	10/24/2024	1047
7440-43-9	Cadmium	0.94	D	10/24/2024	1047
7440-70-2	Calcium	4000	D	10/24/2024	1047
7440-47-3	Chromium	11	D	10/24/2024	1047
7440-48-4	Cobalt	12	D	10/24/2024	1047
7440-50-8	Copper	29	D	10/24/2024	1047
7439-89-6	Iron	28000	D	10/24/2024	1047
7439-92-1	Lead	26	D	10/24/2024	1047
7439-95-4	Magnesium	4800	D	10/24/2024	1047
7439-96-5	Manganese	460	D	10/24/2024	1047
7440-02-0	Nickel	15	D	10/24/2024	1047
7440-09-7	Potassium	1600	D	10/24/2024	1047
7782-49-2	Selenium	5.0	UD [†]	10/24/2024	1047
7440-22-4	Silver	1.4	UD	10/24/2024	1047
7440-23-5	Sodium	710	UD	10/24/2024	1047
7440-28-0	Thallium	3.6	UD	10/24/2024	1047
7440-62-2	Vanadium	55	D	10/24/2024	1047
7440-66-6	Zinc	88	D	10/24/2024	1047

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

Comments:

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MYDB49

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB42

Matrix: SOIL Lab Sample ID: P4314-08

% 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	13000	D	10/24/2024	1052
7440-36-0	Antimony	0.86	JD [†]	10/24/2024	1052
7440-38-2	Arsenic	34	D	10/24/2024	1052
7440-39-3	Barium	200	D	10/24/2024	1052
7440-41-7	Beryllium	0.86	D	10/24/2024	1052
7440-43-9	Cadmium	1.2	D	10/24/2024	1052
7440-70-2	Calcium	4300	D	10/24/2024	1052
7440-47-3	Chromium	15	D	10/24/2024	1052
7440-48-4	Cobalt	14	D	10/24/2024	1052
7440-50-8	Copper	35	D	10/24/2024	1052
7439-89-6	Iron	30000	D	10/24/2024	1052
7439-92-1	Lead	35	D	10/24/2024	1052
7439-95-4	Magnesium	4300	D	10/24/2024	1052
7439-96-5	Manganese	940	D	10/24/2024	1052
7440-02-0	Nickel	16	D	10/24/2024	1052
7440-09-7	Potassium	1700	D	10/24/2024	1052
7782-49-2	Selenium	5.5	UD [†]	10/24/2024	1052
7440-22-4	Silver	1.6	UD	10/24/2024	1052
7440-23-5	Sodium	780	UD	10/24/2024	1052
7440-28-0	Thallium	3.9	UD	10/24/2024	1052
7440-62-2	Vanadium	57	D	10/24/2024	1052
7440-66-6	Zinc	120	D	10/24/2024	1052

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

Comments:

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MYDB50

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB42

Matrix: SOIL Lab Sample ID: P4314-09

% 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	12000	D	10/24/2024	1056
7440-36-0	Antimony	9.8	UD [†]	10/24/2024	1056
7440-38-2	Arsenic	29	D	10/24/2024	1056
7440-39-3	Barium	78	D	10/24/2024	1056
7440-41-7	Beryllium	0.76	JD	10/24/2024	1056
7440-43-9	Cadmium	0.79	JD	10/24/2024	1056
7440-70-2	Calcium	4300	D	10/24/2024	1056
7440-47-3	Chromium	11	D	10/24/2024	1056
7440-48-4	Cobalt	9.8	D	10/24/2024	1056
7440-50-8	Copper	27	D	10/24/2024	1056
7439-89-6	Iron	24000	D	10/24/2024	1056
7439-92-1	Lead	28	D	10/24/2024	1056
7439-95-4	Magnesium	4400	D	10/24/2024	1056
7439-96-5	Manganese	390	D	10/24/2024	1056
7440-02-0	Nickel	13	D	10/24/2024	1056
7440-09-7	Potassium	1400	D	10/24/2024	1056
7782-49-2	Selenium	5.7	UD [†]	10/24/2024	1056
7440-22-4	Silver	1.6	UD	10/24/2024	1056
7440-23-5	Sodium	820	UD	10/24/2024	1056
7440-28-0	Thallium	4.1	UD	10/24/2024	1056
7440-62-2	Vanadium	40	D	10/24/2024	1056
7440-66-6	Zinc	100	D	10/24/2024	1056

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

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MYDB51

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB42

Matrix: SOIL Lab Sample ID: P4314-10

% 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	14000	D	10/24/2024	1101
7440-36-0	Antimony	0.74	JD [†]	10/24/2024	1101
7440-38-2	Arsenic	76	D	10/24/2024	1101
7440-39-3	Barium	130	D	10/24/2024	1101
7440-41-7	Beryllium	0.88	D	10/24/2024	1101
7440-43-9	Cadmium	1.7	D	10/24/2024	1101
7440-70-2	Calcium	7300	D	10/24/2024	1101
7440-47-3	Chromium	15	D	10/24/2024	1101
7440-48-4	Cobalt	12	D	10/24/2024	1101
7440-50-8	Copper	71	D	10/24/2024	1101
7439-89-6	Iron	30000	D	10/24/2024	1101
7439-92-1	Lead	83	D	10/24/2024	1101
7439-95-4	Magnesium	4700	D	10/24/2024	1101
7439-96-5	Manganese	760	D	10/24/2024	1101
7440-02-0	Nickel	16	D	10/24/2024	1101
7440-09-7	Potassium	2800	D	10/24/2024	1101
7782-49-2	Selenium	5.3	UD [†]	10/24/2024	1101
7440-22-4	Silver	1.5	UD	10/24/2024	1101
7440-23-5	Sodium	150	JD	10/24/2024	1101
7440-28-0	Thallium	3.8	UD	10/24/2024	1101
7440-62-2	Vanadium	49	D	10/24/2024	1101
7440-66-6	Zinc	250	D	10/24/2024	1101

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

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MYDB52

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB42

Matrix: SOIL Lab Sample ID: P4314-13

% 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	23000	D	10/24/2024	1127
7440-36-0	Antimony	1.2	JD [†]	10/24/2024	1127
7440-38-2	Arsenic	36	D	10/24/2024	1127
7440-39-3	Barium	210	D	10/24/2024	1127
7440-41-7	Beryllium	1.4	D	10/24/2024	1127
7440-43-9	Cadmium	1.7	D	10/24/2024	1127
7440-70-2	Calcium	7100	D	10/24/2024	1127
7440-47-3	Chromium	21	D	10/24/2024	1127
7440-48-4	Cobalt	23	D	10/24/2024	1127
7440-50-8	Copper	53	D	10/24/2024	1127
7439-89-6	Iron	46000	D	10/24/2024	1127
7439-92-1	Lead	36	D	10/24/2024	1127
7439-95-4	Magnesium	7500	D	10/24/2024	1127
7439-96-5	Manganese	810	D	10/24/2024	1127
7440-02-0	Nickel	27	D	10/24/2024	1127
7440-09-7	Potassium	2500	D	10/24/2024	1127
7782-49-2	Selenium	5.5	UD [†]	10/24/2024	1127
7440-22-4	Silver	1.6	UD	10/24/2024	1127
7440-23-5	Sodium	250	JD	10/24/2024	1127
7440-28-0	Thallium	4.0	UD	10/24/2024	1127
7440-62-2	Vanadium	78	D	10/24/2024	1127
7440-66-6	Zinc	120	D	10/24/2024	1127

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB53

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB42

Matrix: SOIL Lab Sample ID: P4314-14

% 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	13000	D	10/24/2024	1131
7440-36-0	Antimony	1.4	JD [†]	10/24/2024	1131
7440-38-2	Arsenic	82	D	10/24/2024	1131
7440-39-3	Barium	110	D	10/24/2024	1131
7440-41-7	Beryllium	0.85	D	10/24/2024	1131
7440-43-9	Cadmium	1.9	D	10/24/2024	1131
7440-70-2	Calcium	5200	D	10/24/2024	1131
7440-47-3	Chromium	12	D	10/24/2024	1131
7440-48-4	Cobalt	14	D	10/24/2024	1131
7440-50-8	Copper	64	D	10/24/2024	1131
7439-89-6	Iron	32000	D	10/24/2024	1131
7439-92-1	Lead	87	D	10/24/2024	1131
7439-95-4	Magnesium	4500	D	10/24/2024	1131
7439-96-5	Manganese	590	D	10/24/2024	1131
7440-02-0	Nickel	16	D	10/24/2024	1131
7440-09-7	Potassium	2500	D	10/24/2024	1131
7782-49-2	Selenium	5.0	UD [†]	10/24/2024	1131
7440-22-4	Silver	1.4	UD	10/24/2024	1131
7440-23-5	Sodium	160	JD	10/24/2024	1131
7440-28-0	Thallium	3.6	UD	10/24/2024	1131
7440-62-2	Vanadium	51	D	10/24/2024	1131
7440-66-6	Zinc	250	D	10/24/2024	1131

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB54

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB42

Matrix: SOIL Lab Sample ID: P4314-15

% 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	15000	D	10/24/2024	1136
7440-36-0	Antimony	0.80	JD [†]	10/24/2024	1136
7440-38-2	Arsenic	33	D	10/24/2024	1136
7440-39-3	Barium	120	D	10/24/2024	1136
7440-41-7	Beryllium	0.95	D	10/24/2024	1136
7440-43-9	Cadmium	1.1	D	10/24/2024	1136
7440-70-2	Calcium	4600	D	10/24/2024	1136
7440-47-3	Chromium	15	D	10/24/2024	1136
7440-48-4	Cobalt	13	D	10/24/2024	1136
7440-50-8	Copper	42	D	10/24/2024	1136
7439-89-6	Iron	31000	D	10/24/2024	1136
7439-92-1	Lead	32	D	10/24/2024	1136
7439-95-4	Magnesium	4800	D	10/24/2024	1136
7439-96-5	Manganese	560	D	10/24/2024	1136
7440-02-0	Nickel	17	D	10/24/2024	1136
7440-09-7	Potassium	2000	D	10/24/2024	1136
7782-49-2	Selenium	5.8	UD [†]	10/24/2024	1136
7440-22-4	Silver	1.7	UD	10/24/2024	1136
7440-23-5	Sodium	160	JD	10/24/2024	1136
7440-28-0	Thallium	4.1	UD	10/24/2024	1136
7440-62-2	Vanadium	53	D	10/24/2024	1136
7440-66-6	Zinc	110	D	10/24/2024	1136

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB55

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB42

Matrix: SOIL Lab Sample ID: P4314-16

% 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	14000	D	10/24/2024	1140
7440-36-0	Antimony	1.8	JD [†]	10/24/2024	1140
7440-38-2	Arsenic	62	D	10/24/2024	1140
7440-39-3	Barium	120	D	10/24/2024	1140
7440-41-7	Beryllium	0.90	D	10/24/2024	1140
7440-43-9	Cadmium	1.4	D	10/24/2024	1140
7440-70-2	Calcium	6300	D	10/24/2024	1140
7440-47-3	Chromium	14	D	10/24/2024	1140
7440-48-4	Cobalt	13	D	10/24/2024	1140
7440-50-8	Copper	54	D	10/24/2024	1140
7439-89-6	Iron	32000	D	10/24/2024	1140
7439-92-1	Lead	76	D	10/24/2024	1140
7439-95-4	Magnesium	5200	D	10/24/2024	1140
7439-96-5	Manganese	570	D	10/24/2024	1140
7440-02-0	Nickel	17	D	10/24/2024	1140
7440-09-7	Potassium	2600	D	10/24/2024	1140
7782-49-2	Selenium	5.5	UD [†]	10/24/2024	1140
7440-22-4	Silver	1.6	UD	10/24/2024	1140
7440-23-5	Sodium	190	JD	10/24/2024	1140
7440-28-0	Thallium	3.9	UD	10/24/2024	1140
7440-62-2	Vanadium	50	D	10/24/2024	1140
7440-66-6	Zinc	200	D	10/24/2024	1140

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB56

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB42

Matrix: SOIL Lab Sample ID: P4314-17

% 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	20000	D	10/24/2024	1145
7440-36-0	Antimony	1.2	JD [†]	10/24/2024	1145
7440-38-2	Arsenic	55	D	10/24/2024	1145
7440-39-3	Barium	150	D	10/24/2024	1145
7440-41-7	Beryllium	1.2	D	10/24/2024	1145
7440-43-9	Cadmium	1.7	D	10/24/2024	1145
7440-70-2	Calcium	8100	D	10/24/2024	1145
7440-47-3	Chromium	16	D	10/24/2024	1145
7440-48-4	Cobalt	16	D	10/24/2024	1145
7440-50-8	Copper	58	D	10/24/2024	1145
7439-89-6	Iron	39000	D	10/24/2024	1145
7439-92-1	Lead	62	D	10/24/2024	1145
7439-95-4	Magnesium	6100	D	10/24/2024	1145
7439-96-5	Manganese	750	D	10/24/2024	1145
7440-02-0	Nickel	21	D	10/24/2024	1145
7440-09-7	Potassium	2500	D	10/24/2024	1145
7782-49-2	Selenium	5.8	UD [†]	10/24/2024	1145
7440-22-4	Silver	1.7	UD	10/24/2024	1145
7440-23-5	Sodium	180	JD	10/24/2024	1145
7440-28-0	Thallium	4.1	UD	10/24/2024	1145
7440-62-2	Vanadium	62	D	10/24/2024	1145
7440-66-6	Zinc	190	D	10/24/2024	1145

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB57

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB42

Matrix: SOIL Lab Sample ID: P4314-18

% 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	10000	D	10/24/2024	1149
7440-36-0	Antimony	1.4	JD [†]	10/24/2024	1149
7440-38-2	Arsenic	46	D	10/24/2024	1149
7440-39-3	Barium	74	D	10/24/2024	1149
7440-41-7	Beryllium	0.63	JD	10/24/2024	1149
7440-43-9	Cadmium	1.1	D	10/24/2024	1149
7440-70-2	Calcium	4300	D	10/24/2024	1149
7440-47-3	Chromium	9.9	D	10/24/2024	1149
7440-48-4	Cobalt	9.4	D	10/24/2024	1149
7440-50-8	Copper	39	D	10/24/2024	1149
7439-89-6	Iron	23000	D	10/24/2024	1149
7439-92-1	Lead	56	D	10/24/2024	1149
7439-95-4	Magnesium	3500	D	10/24/2024	1149
7439-96-5	Manganese	540	D	10/24/2024	1149
7440-02-0	Nickel	12	D	10/24/2024	1149
7440-09-7	Potassium	2400	D	10/24/2024	1149
7782-49-2	Selenium	5.3	UD [†]	10/24/2024	1149
7440-22-4	Silver	1.5	UD	10/24/2024	1149
7440-23-5	Sodium	750	UD	10/24/2024	1149
7440-28-0	Thallium	3.8	UD	10/24/2024	1149
7440-62-2	Vanadium	36	D	10/24/2024	1149
7440-66-6	Zinc	160	D	10/24/2024	1149

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB58

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB42

Matrix: SOIL Lab Sample ID: P4314-19

% 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	16000	D	10/24/2024	1153
7440-36-0	Antimony	1.4	JD [†]	10/24/2024	1153
7440-38-2	Arsenic	78	D	10/24/2024	1153
7440-39-3	Barium	110	D	10/24/2024	1153
7440-41-7	Beryllium	1.0	D	10/24/2024	1153
7440-43-9	Cadmium	1.8	D	10/24/2024	1153
7440-70-2	Calcium	5200	D	10/24/2024	1153
7440-47-3	Chromium	16	D	10/24/2024	1153
7440-48-4	Cobalt	15	D	10/24/2024	1153
7440-50-8	Copper	59	D	10/24/2024	1153
7439-89-6	Iron	38000	D	10/24/2024	1153
7439-92-1	Lead	83	D	10/24/2024	1153
7439-95-4	Magnesium	5200	D	10/24/2024	1153
7439-96-5	Manganese	640	D	10/24/2024	1153
7440-02-0	Nickel	18	D	10/24/2024	1153
7440-09-7	Potassium	2500	D	10/24/2024	1153
7782-49-2	Selenium	5.9	UD [†]	10/24/2024	1153
7440-22-4	Silver	1.7	UD	10/24/2024	1153
7440-23-5	Sodium	190	JD	10/24/2024	1153
7440-28-0	Thallium	4.2	UD	10/24/2024	1153
7440-62-2	Vanadium	63	D	10/24/2024	1153
7440-66-6	Zinc	220	D	10/24/2024	1153

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB59

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB42

Matrix: SOIL Lab Sample ID: P4314-20

% 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	14000	D	10/24/2024	1158
7440-36-0	Antimony	1.0	JD [†]	10/24/2024	1158
7440-38-2	Arsenic	38	D	10/24/2024	1158
7440-39-3	Barium	110	D	10/24/2024	1158
7440-41-7	Beryllium	0.91	D	10/24/2024	1158
7440-43-9	Cadmium	1.4	D	10/24/2024	1158
7440-70-2	Calcium	6100	D	10/24/2024	1158
7440-47-3	Chromium	13	D	10/24/2024	1158
7440-48-4	Cobalt	15	D	10/24/2024	1158
7440-50-8	Copper	52	D	10/24/2024	1158
7439-89-6	Iron	30000	D	10/24/2024	1158
7439-92-1	Lead	47	D	10/24/2024	1158
7439-95-4	Magnesium	4900	D	10/24/2024	1158
7439-96-5	Manganese	640	D	10/24/2024	1158
7440-02-0	Nickel	17	D	10/24/2024	1158
7440-09-7	Potassium	2300	D	10/24/2024	1158
7782-49-2	Selenium	5.3	UD [†]	10/24/2024	1158
7440-22-4	Silver	1.5	UD	10/24/2024	1158
7440-23-5	Sodium	170	JD	10/24/2024	1158
7440-28-0	Thallium	3.8	UD	10/24/2024	1158
7440-62-2	Vanadium	43	D	10/24/2024	1158
7440-66-6	Zinc	150	D	10/24/2024	1158

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB60

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB42

Matrix: SOIL Lab Sample ID: P4314-21

% 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	8800	D	10/24/2024	1202
7440-36-0	Antimony	0.72	JD [†]	10/24/2024	1202
7440-38-2	Arsenic	58	D	10/24/2024	1202
7440-39-3	Barium	77	D	10/24/2024	1202
7440-41-7	Beryllium	0.67	JD	10/24/2024	1202
7440-43-9	Cadmium	1.3	D	10/24/2024	1202
7440-70-2	Calcium	4200	D	10/24/2024	1202
7440-47-3	Chromium	8.4	D	10/24/2024	1202
7440-48-4	Cobalt	11	D	10/24/2024	1202
7440-50-8	Copper	46	D	10/24/2024	1202
7439-89-6	Iron	23000	D	10/24/2024	1202
7439-92-1	Lead	70	D	10/24/2024	1202
7439-95-4	Magnesium	3500	D	10/24/2024	1202
7439-96-5	Manganese	520	D	10/24/2024	1202
7440-02-0	Nickel	12	D	10/24/2024	1202
7440-09-7	Potassium	2000	D	10/24/2024	1202
7782-49-2	Selenium	5.3	UD [†]	10/24/2024	1202
7440-22-4	Silver	1.5	UD	10/24/2024	1202
7440-23-5	Sodium	750	UD	10/24/2024	1202
7440-28-0	Thallium	3.8	UD	10/24/2024	1202
7440-62-2	Vanadium	34	D	10/24/2024	1202
7440-66-6	Zinc	180	D	10/24/2024	1202

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB62

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB42

Matrix: SOIL Lab Sample ID: P4314-22

% Solids: 96 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	17000	D	10/24/2024	1207
7440-36-0	Antimony	9.5	UD [†]	10/24/2024	1207
7440-38-2	Arsenic	18	D	10/24/2024	1207
7440-39-3	Barium	110	D	10/24/2024	1207
7440-41-7	Beryllium	0.99	D	10/24/2024	1207
7440-43-9	Cadmium	0.83	D	10/24/2024	1207
7440-70-2	Calcium	5700	D	10/24/2024	1207
7440-47-3	Chromium	13	D	10/24/2024	1207
7440-48-4	Cobalt	14	D	10/24/2024	1207
7440-50-8	Copper	32	D	10/24/2024	1207
7439-89-6	Iron	32000	D	10/24/2024	1207
7439-92-1	Lead	16	D	10/24/2024	1207
7439-95-4	Magnesium	5800	D	10/24/2024	1207
7439-96-5	Manganese	450	D	10/24/2024	1207
7440-02-0	Nickel	16	D	10/24/2024	1207
7440-09-7	Potassium	1400	D	10/24/2024	1207
7782-49-2	Selenium	5.5	UD [†]	10/24/2024	1207
7440-22-4	Silver	1.6	UD	10/24/2024	1207
7440-23-5	Sodium	190	JD	10/24/2024	1207
7440-28-0	Thallium	4.0	UD	10/24/2024	1207
7440-62-2	Vanadium	56	D	10/24/2024	1207
7440-66-6	Zinc	61	D	10/24/2024	1207

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

Comments: