

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYD0Z2

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0Z2

Matrix: SOIL Lab Sample ID: P4295-01

% 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	6800	D	10/23/2024	2139
7440-36-0	Antimony	0.93	JD*	10/23/2024	2139
7440-38-2	Arsenic	49	D	10/23/2024	2139
7440-39-3	Barium	240	D	10/23/2024	2139
7440-41-7	Beryllium	0.81	JD	10/23/2024	2139
7440-43-9	Cadmium	0.75	JD	10/23/2024	2139
7440-70-2	Calcium	1700	D*	10/23/2024	2139
7440-47-3	Chromium	7.1	D	10/23/2024	2139
7440-48-4	Cobalt	17	D	10/23/2024	2139
7440-50-8	Copper	55	D	10/23/2024	2139
7439-89-6	Iron	41000	D	10/23/2024	2139
7439-92-1	Lead	11	D	10/23/2024	2139
7439-95-4	Magnesium	1500	D*	10/23/2024	2139
7439-96-5	Manganese	3200	D	10/23/2024	2139
7440-02-0	Nickel	19	D*	10/23/2024	2139
7440-09-7	Potassium	750	JD	10/23/2024	2139
7782-49-2	Selenium	6.4	UD*	10/23/2024	2139
7440-22-4	Silver	1.8	UD	10/23/2024	2139
7440-23-5	Sodium	920	UD	10/23/2024	2139
7440-28-0	Thallium	4.6	UD	10/23/2024	2139
7440-62-2	Vanadium	40	D	10/23/2024	2139
7440-66-6	Zinc	56	D	10/23/2024	2139

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

Comments:

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MYD0Z3

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0Z2

Matrix: SOIL Lab Sample ID: P4295-02

% Solids: 96.3 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	5900	D	10/23/2024	2143
7440-36-0	Antimony	0.95	JD*	10/23/2024	2143
7440-38-2	Arsenic	36	D	10/23/2024	2143
7440-39-3	Barium	120	D	10/23/2024	2143
7440-41-7	Beryllium	0.66	JD	10/23/2024	2143
7440-43-9	Cadmium	0.68	JD	10/23/2024	2143
7440-70-2	Calcium	1100	D*	10/23/2024	2143
7440-47-3	Chromium	8.8	D	10/23/2024	2143
7440-48-4	Cobalt	15	D	10/23/2024	2143
7440-50-8	Copper	44	D	10/23/2024	2143
7439-89-6	Iron	37000	D	10/23/2024	2143
7439-92-1	Lead	11	D	10/23/2024	2143
7439-95-4	Magnesium	1900	D*	10/23/2024	2143
7439-96-5	Manganese	2400	D	10/23/2024	2143
7440-02-0	Nickel	20	D*	10/23/2024	2143
7440-09-7	Potassium	610	JD	10/23/2024	2143
7782-49-2	Selenium	5.4	UD*	10/23/2024	2143
7440-22-4	Silver	1.5	UD	10/23/2024	2143
7440-23-5	Sodium	770	UD	10/23/2024	2143
7440-28-0	Thallium	3.9	UD	10/23/2024	2143
7440-62-2	Vanadium	29	D	10/23/2024	2143
7440-66-6	Zinc	62	D	10/23/2024	2143

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

Comments:

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MYD0Z4

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0Z2

Matrix: SOIL Lab Sample ID: P4295-03

% Solids: 91.8 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	28000	D	10/23/2024	2148
7440-36-0	Antimony	11	UD [†]	10/23/2024	2148
7440-38-2	Arsenic	27	D	10/23/2024	2148
7440-39-3	Barium	830	D	10/23/2024	2148
7440-41-7	Beryllium	1.7	D	10/23/2024	2148
7440-43-9	Cadmium	1.5	D	10/23/2024	2148
7440-70-2	Calcium	11000	D*	10/23/2024	2148
7440-47-3	Chromium	92	D	10/23/2024	2148
7440-48-4	Cobalt	29	D	10/23/2024	2148
7440-50-8	Copper	110	D	10/23/2024	2148
7439-89-6	Iron	36000	D	10/23/2024	2148
7439-92-1	Lead	50	D	10/23/2024	2148
7439-95-4	Magnesium	10000	D*	10/23/2024	2148
7439-96-5	Manganese	860	D	10/23/2024	2148
7440-02-0	Nickel	130	D*	10/23/2024	2148
7440-09-7	Potassium	1900	D	10/23/2024	2148
7782-49-2	Selenium	6.2	UD [†]	10/23/2024	2148
7440-22-4	Silver	1.8	UD	10/23/2024	2148
7440-23-5	Sodium	250	JD	10/23/2024	2148
7440-28-0	Thallium	4.4	UD	10/23/2024	2148
7440-62-2	Vanadium	75	D	10/23/2024	2148
7440-66-6	Zinc	88	D	10/23/2024	2148

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

Comments:

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MYD0Z5

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0Z2

Matrix: SOIL Lab Sample ID: P4295-04

% Solids: 88.9 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	38000	D	10/23/2024	2152
7440-36-0	Antimony	1.3	JD [†]	10/23/2024	2152
7440-38-2	Arsenic	25	D	10/23/2024	2152
7440-39-3	Barium	990	D	10/23/2024	2152
7440-41-7	Beryllium	2.0	D	10/23/2024	2152
7440-43-9	Cadmium	1.7	D	10/23/2024	2152
7440-70-2	Calcium	13000	D*	10/23/2024	2152
7440-47-3	Chromium	120	D	10/23/2024	2152
7440-48-4	Cobalt	36	D	10/23/2024	2152
7440-50-8	Copper	99	D	10/23/2024	2152
7439-89-6	Iron	45000	D	10/23/2024	2152
7439-92-1	Lead	44	D	10/23/2024	2152
7439-95-4	Magnesium	12000	D*	10/23/2024	2152
7439-96-5	Manganese	1000	D	10/23/2024	2152
7440-02-0	Nickel	170	D*	10/23/2024	2152
7440-09-7	Potassium	2000	D	10/23/2024	2152
7782-49-2	Selenium	6.0	UD [†]	10/23/2024	2152
7440-22-4	Silver	1.7	UD	10/23/2024	2152
7440-23-5	Sodium	410	JD	10/23/2024	2152
7440-28-0	Thallium	4.3	UD	10/23/2024	2152
7440-62-2	Vanadium	94	D	10/23/2024	2152
7440-66-6	Zinc	90	D	10/23/2024	2152

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

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MYD0Z6

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0Z2

Matrix: SOIL Lab Sample ID: P4295-05

% Solids: 86.6 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	39000	D	10/23/2024	2156
7440-36-0	Antimony	13	UD [†]	10/23/2024	2156
7440-38-2	Arsenic	26	D	10/23/2024	2156
7440-39-3	Barium	1600	D	10/23/2024	2156
7440-41-7	Beryllium	2.2	D	10/23/2024	2156
7440-43-9	Cadmium	1.7	D	10/23/2024	2156
7440-70-2	Calcium	64000	D*	10/23/2024	2156
7440-47-3	Chromium	120	D	10/23/2024	2156
7440-48-4	Cobalt	42	D	10/23/2024	2156
7440-50-8	Copper	110	D	10/23/2024	2156
7439-89-6	Iron	45000	D	10/23/2024	2156
7439-92-1	Lead	47	D	10/23/2024	2156
7439-95-4	Magnesium	13000	D*	10/23/2024	2156
7439-96-5	Manganese	1300	D	10/23/2024	2156
7440-02-0	Nickel	170	D*	10/23/2024	2156
7440-09-7	Potassium	2000	D	10/23/2024	2156
7782-49-2	Selenium	7.6	UD [†]	10/23/2024	2156
7440-22-4	Silver	2.2	UD	10/23/2024	2156
7440-23-5	Sodium	440	JD	10/23/2024	2156
7440-28-0	Thallium	5.5	UD	10/23/2024	2156
7440-62-2	Vanadium	96	D	10/23/2024	2156
7440-66-6	Zinc	93	D	10/23/2024	2156

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

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MYD0Z7

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0Z2

Matrix: SOIL Lab Sample ID: P4295-06

% Solids: 86.7 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	33000	D	10/23/2024	2201
7440-36-0	Antimony	0.90	JD*	10/23/2024	2201
7440-38-2	Arsenic	23	D	10/23/2024	2201
7440-39-3	Barium	980	D	10/23/2024	2201
7440-41-7	Beryllium	1.8	D	10/23/2024	2201
7440-43-9	Cadmium	1.4	D	10/23/2024	2201
7440-70-2	Calcium	27000	D*	10/23/2024	2201
7440-47-3	Chromium	99	D	10/23/2024	2201
7440-48-4	Cobalt	31	D	10/23/2024	2201
7440-50-8	Copper	93	D	10/23/2024	2201
7439-89-6	Iron	39000	D	10/23/2024	2201
7439-92-1	Lead	42	D	10/23/2024	2201
7439-95-4	Magnesium	11000	D*	10/23/2024	2201
7439-96-5	Manganese	910	D	10/23/2024	2201
7440-02-0	Nickel	140	D*	10/23/2024	2201
7440-09-7	Potassium	1700	D	10/23/2024	2201
7782-49-2	Selenium	6.9	UD*	10/23/2024	2201
7440-22-4	Silver	2.0	UD	10/23/2024	2201
7440-23-5	Sodium	330	JD	10/23/2024	2201
7440-28-0	Thallium	4.9	UD	10/23/2024	2201
7440-62-2	Vanadium	82	D	10/23/2024	2201
7440-66-6	Zinc	80	D	10/23/2024	2201

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

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MYD0Z8

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0Z2

Matrix: SOIL Lab Sample ID: P4295-09

% Solids: 90.9 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	22000	D	10/23/2024	2218
7440-36-0	Antimony	1.7	JD [†]	10/23/2024	2218
7440-38-2	Arsenic	51	D	10/23/2024	2218
7440-39-3	Barium	850	D	10/23/2024	2218
7440-41-7	Beryllium	1.3	D	10/23/2024	2218
7440-43-9	Cadmium	2.9	D	10/23/2024	2218
7440-70-2	Calcium	11000	D*	10/23/2024	2218
7440-47-3	Chromium	67	D	10/23/2024	2218
7440-48-4	Cobalt	25	D	10/23/2024	2218
7440-50-8	Copper	230	D	10/23/2024	2218
7439-89-6	Iron	29000	D	10/23/2024	2218
7439-92-1	Lead	94	D	10/23/2024	2218
7439-95-4	Magnesium	13000	D*	10/23/2024	2218
7439-96-5	Manganese	740	D	10/23/2024	2218
7440-02-0	Nickel	130	D*	10/23/2024	2218
7440-09-7	Potassium	1500	D	10/23/2024	2218
7782-49-2	Selenium	5.7	UD [†]	10/23/2024	2218
7440-22-4	Silver	1.6	UD	10/23/2024	2218
7440-23-5	Sodium	2100	D	10/23/2024	2218
7440-28-0	Thallium	4.0	UD	10/23/2024	2218
7440-62-2	Vanadium	58	D	10/23/2024	2218
7440-66-6	Zinc	160	D	10/23/2024	2218

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

Comments:

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MYD0Z9

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0Z2

Matrix: SOIL Lab Sample ID: P4295-10

% Solids: 86.8 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	40000	D	10/23/2024	2223
7440-36-0	Antimony	13	UD [†]	10/23/2024	2223
7440-38-2	Arsenic	19	D	10/23/2024	2223
7440-39-3	Barium	1200	D	10/23/2024	2223
7440-41-7	Beryllium	2.1	D	10/23/2024	2223
7440-43-9	Cadmium	1.1	D	10/23/2024	2223
7440-70-2	Calcium	15000	D*	10/23/2024	2223
7440-47-3	Chromium	110	D	10/23/2024	2223
7440-48-4	Cobalt	38	D	10/23/2024	2223
7440-50-8	Copper	65	D	10/23/2024	2223
7439-89-6	Iron	44000	D	10/23/2024	2223
7439-92-1	Lead	26	D	10/23/2024	2223
7439-95-4	Magnesium	16000	D*	10/23/2024	2223
7439-96-5	Manganese	1100	D	10/23/2024	2223
7440-02-0	Nickel	220	D*	10/23/2024	2223
7440-09-7	Potassium	1600	D	10/23/2024	2223
7782-49-2	Selenium	7.4	UD [†]	10/23/2024	2223
7440-22-4	Silver	2.1	UD	10/23/2024	2223
7440-23-5	Sodium	640	JD	10/23/2024	2223
7440-28-0	Thallium	5.3	UD	10/23/2024	2223
7440-62-2	Vanadium	88	D	10/23/2024	2223
7440-66-6	Zinc	69	D	10/23/2024	2223

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

Comments:

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MYD100

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0Z2
 Matrix: SOIL Lab Sample ID: P4295-11
 % 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	11000	D	10/23/2024	2227
7440-36-0	Antimony	11	UD [†]	10/23/2024	2227
7440-38-2	Arsenic	32	D	10/23/2024	2227
7440-39-3	Barium	240	D	10/23/2024	2227
7440-41-7	Beryllium	0.73	JD	10/23/2024	2227
7440-43-9	Cadmium	1.1	D	10/23/2024	2227
7440-70-2	Calcium	6500	D*	10/23/2024	2227
7440-47-3	Chromium	37	D	10/23/2024	2227
7440-48-4	Cobalt	15	D	10/23/2024	2227
7440-50-8	Copper	110	D	10/23/2024	2227
7439-89-6	Iron	26000	D	10/23/2024	2227
7439-92-1	Lead	41	D	10/23/2024	2227
7439-95-4	Magnesium	6000	D*	10/23/2024	2227
7439-96-5	Manganese	530	D	10/23/2024	2227
7440-02-0	Nickel	42	D*	10/23/2024	2227
7440-09-7	Potassium	1400	D	10/23/2024	2227
7782-49-2	Selenium	6.2	UD [†]	10/23/2024	2227
7440-22-4	Silver	1.8	UD	10/23/2024	2227
7440-23-5	Sodium	220	JD	10/23/2024	2227
7440-28-0	Thallium	4.5	UD	10/23/2024	2227
7440-62-2	Vanadium	51	D	10/23/2024	2227
7440-66-6	Zinc	87	D	10/23/2024	2227

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MYD101

Lab Name: Alliance Technical Group, LLC

Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51772

MA No. : 3226.1 SDG No.: MYD0Z2

Matrix: SOIL

Lab Sample ID: P4295-12

% Solids: 97.5

Date Received: 10/04/2024

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	13000	D	10/23/2024	2232
7440-36-0	Antimony	1.0	JD*	10/23/2024	2232
7440-38-2	Arsenic	26	D	10/23/2024	2232
7440-39-3	Barium	140	D	10/23/2024	2232
7440-41-7	Beryllium	0.80	JD	10/23/2024	2232
7440-43-9	Cadmium	0.78	JD	10/23/2024	2232
7440-70-2	Calcium	12000	D*	10/23/2024	2232
7440-47-3	Chromium	31	D	10/23/2024	2232
7440-48-4	Cobalt	16	D	10/23/2024	2232
7440-50-8	Copper	40	D	10/23/2024	2232
7439-89-6	Iron	33000	D	10/23/2024	2232
7439-92-1	Lead	19	D	10/23/2024	2232
7439-95-4	Magnesium	6300	D*	10/23/2024	2232
7439-96-5	Manganese	680	D	10/23/2024	2232
7440-02-0	Nickel	32	D*	10/23/2024	2232
7440-09-7	Potassium	1700	D	10/23/2024	2232
7782-49-2	Selenium	5.7	UD*	10/23/2024	2232
7440-22-4	Silver	1.6	UD	10/23/2024	2232
7440-23-5	Sodium	810	UD	10/23/2024	2232
7440-28-0	Thallium	4.0	UD	10/23/2024	2232
7440-62-2	Vanadium	67	D	10/23/2024	2232
7440-66-6	Zinc	61	D	10/23/2024	2232

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

Comments:

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MYD102

Lab Name: Alliance Technical Group, LLC

Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51772

MA No. : 3226.1 SDG No.: MYD0Z2

Matrix: SOIL

Lab Sample ID: P4295-13

% Solids: 93.7

Date Received: 10/04/2024

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	25000	D	10/23/2024	2236
7440-36-0	Antimony	1.6	JD [†]	10/23/2024	2236
7440-38-2	Arsenic	73	D	10/23/2024	2236
7440-39-3	Barium	320	D	10/23/2024	2236
7440-41-7	Beryllium	1.6	D	10/23/2024	2236
7440-43-9	Cadmium	1.6	D	10/23/2024	2236
7440-70-2	Calcium	7000	D*	10/23/2024	2236
7440-47-3	Chromium	64	D	10/23/2024	2236
7440-48-4	Cobalt	31	D	10/23/2024	2236
7440-50-8	Copper	72	D	10/23/2024	2236
7439-89-6	Iron	59000	D	10/23/2024	2236
7439-92-1	Lead	28	D	10/23/2024	2236
7439-95-4	Magnesium	11000	D*	10/23/2024	2236
7439-96-5	Manganese	1200	D	10/23/2024	2236
7440-02-0	Nickel	76	D*	10/23/2024	2236
7440-09-7	Potassium	3700	D	10/23/2024	2236
7782-49-2	Selenium	5.3	UD [†]	10/23/2024	2236
7440-22-4	Silver	1.5	UD	10/23/2024	2236
7440-23-5	Sodium	250	JD	10/23/2024	2236
7440-28-0	Thallium	3.8	UD	10/23/2024	2236
7440-62-2	Vanadium	110	D	10/23/2024	2236
7440-66-6	Zinc	97	D	10/23/2024	2236

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYD103

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0Z2

Matrix: SOIL Lab Sample ID: P4295-14

% Solids: 90.4 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	19000	D	10/23/2024	2249
7440-36-0	Antimony	1.6	JD [†]	10/23/2024	2249
7440-38-2	Arsenic	37	D	10/23/2024	2249
7440-39-3	Barium	270	D	10/23/2024	2249
7440-41-7	Beryllium	1.0	D	10/23/2024	2249
7440-43-9	Cadmium	0.91	D	10/23/2024	2249
7440-70-2	Calcium	4500	D*	10/23/2024	2249
7440-47-3	Chromium	49	D	10/23/2024	2249
7440-48-4	Cobalt	27	D	10/23/2024	2249
7440-50-8	Copper	41	D	10/23/2024	2249
7439-89-6	Iron	39000	D	10/23/2024	2249
7439-92-1	Lead	15	D	10/23/2024	2249
7439-95-4	Magnesium	8000	D*	10/23/2024	2249
7439-96-5	Manganese	3800	D	10/23/2024	2249
7440-02-0	Nickel	56	D*	10/23/2024	2249
7440-09-7	Potassium	2700	D	10/23/2024	2249
7782-49-2	Selenium	5.7	UD [†]	10/23/2024	2249
7440-22-4	Silver	1.6	UD	10/23/2024	2249
7440-23-5	Sodium	810	UD	10/23/2024	2249
7440-28-0	Thallium	4.0	UD	10/23/2024	2249
7440-62-2	Vanadium	74	D	10/23/2024	2249
7440-66-6	Zinc	62	D	10/23/2024	2249

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYD104

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0Z2

Matrix: SOIL Lab Sample ID: P4295-15

% Solids: 89.9 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	27000	D	10/23/2024	2254
7440-36-0	Antimony	1.1	JD [†]	10/23/2024	2254
7440-38-2	Arsenic	43	D	10/23/2024	2254
7440-39-3	Barium	280	D	10/23/2024	2254
7440-41-7	Beryllium	1.6	D	10/23/2024	2254
7440-43-9	Cadmium	1.1	D	10/23/2024	2254
7440-70-2	Calcium	6000	D*	10/23/2024	2254
7440-47-3	Chromium	62	D	10/23/2024	2254
7440-48-4	Cobalt	25	D	10/23/2024	2254
7440-50-8	Copper	47	D	10/23/2024	2254
7439-89-6	Iron	52000	D	10/23/2024	2254
7439-92-1	Lead	17	D	10/23/2024	2254
7439-95-4	Magnesium	10000	D*	10/23/2024	2254
7439-96-5	Manganese	930	D	10/23/2024	2254
7440-02-0	Nickel	73	D*	10/23/2024	2254
7440-09-7	Potassium	3300	D	10/23/2024	2254
7782-49-2	Selenium	6.4	UD [†]	10/23/2024	2254
7440-22-4	Silver	1.8	UD	10/23/2024	2254
7440-23-5	Sodium	910	UD	10/23/2024	2254
7440-28-0	Thallium	4.6	UD	10/23/2024	2254
7440-62-2	Vanadium	100	D	10/23/2024	2254
7440-66-6	Zinc	72	D	10/23/2024	2254

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYD105

Lab Name: Alliance Technical Group, LLC

Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51772

MA No. : 3226.1 SDG No.: MYD0Z2

Matrix: SOIL

Lab Sample ID: P4295-16

% Solids: 86.2

Date Received: 10/04/2024

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	29000	D	10/23/2024	2258
7440-36-0	Antimony	12	UD [†]	10/23/2024	2258
7440-38-2	Arsenic	43	D	10/23/2024	2258
7440-39-3	Barium	1100	D	10/23/2024	2258
7440-41-7	Beryllium	1.7	D	10/23/2024	2258
7440-43-9	Cadmium	1.4	D	10/23/2024	2258
7440-70-2	Calcium	13000	D*	10/23/2024	2258
7440-47-3	Chromium	89	D	10/23/2024	2258
7440-48-4	Cobalt	32	D	10/23/2024	2258
7440-50-8	Copper	120	D	10/23/2024	2258
7439-89-6	Iron	34000	D	10/23/2024	2258
7439-92-1	Lead	46	D	10/23/2024	2258
7439-95-4	Magnesium	15000	D*	10/23/2024	2258
7439-96-5	Manganese	940	D	10/23/2024	2258
7440-02-0	Nickel	170	D*	10/23/2024	2258
7440-09-7	Potassium	1700	D	10/23/2024	2258
7782-49-2	Selenium	6.8	UD [†]	10/23/2024	2258
7440-22-4	Silver	2.0	UD	10/23/2024	2258
7440-23-5	Sodium	1700	D	10/23/2024	2258
7440-28-0	Thallium	4.9	UD	10/23/2024	2258
7440-62-2	Vanadium	72	D	10/23/2024	2258
7440-66-6	Zinc	90	D	10/23/2024	2258

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDA38

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0Z2

Matrix: SOIL Lab Sample ID: P4295-17

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

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	32000	D	10/23/2024	2302
7440-36-0	Antimony	1.4	JD [†]	10/23/2024	2302
7440-38-2	Arsenic	32	D	10/23/2024	2302
7440-39-3	Barium	150	D	10/23/2024	2302
7440-41-7	Beryllium	1.4	D	10/23/2024	2302
7440-43-9	Cadmium	2.2	D	10/23/2024	2302
7440-70-2	Calcium	6000	D*	10/23/2024	2302
7440-47-3	Chromium	58	D	10/23/2024	2302
7440-48-4	Cobalt	49	D	10/23/2024	2302
7440-50-8	Copper	140	D	10/23/2024	2302
7439-89-6	Iron	81000	D	10/23/2024	2302
7439-92-1	Lead	35	D	10/23/2024	2302
7439-95-4	Magnesium	21000	D*	10/23/2024	2302
7439-96-5	Manganese	1600	D	10/23/2024	2302
7440-02-0	Nickel	64	D*	10/23/2024	2302
7440-09-7	Potassium	4800	D	10/23/2024	2302
7782-49-2	Selenium	6.7	UD [†]	10/23/2024	2302
7440-22-4	Silver	1.9	UD	10/23/2024	2302
7440-23-5	Sodium	360	JD	10/23/2024	2302
7440-28-0	Thallium	4.8	UD	10/23/2024	2302
7440-62-2	Vanadium	230	D	10/23/2024	2302
7440-66-6	Zinc	150	D	10/23/2024	2302

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDA39

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0Z2

Matrix: SOIL Lab Sample ID: P4295-18

% 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	19000	D	10/23/2024	2307
7440-36-0	Antimony	0.81	JD [†]	10/23/2024	2307
7440-38-2	Arsenic	49	D	10/23/2024	2307
7440-39-3	Barium	190	D	10/23/2024	2307
7440-41-7	Beryllium	1.2	D	10/23/2024	2307
7440-43-9	Cadmium	1.7	D	10/23/2024	2307
7440-70-2	Calcium	2800	D*	10/23/2024	2307
7440-47-3	Chromium	62	D	10/23/2024	2307
7440-48-4	Cobalt	35	D	10/23/2024	2307
7440-50-8	Copper	91	D	10/23/2024	2307
7439-89-6	Iron	62000	D	10/23/2024	2307
7439-92-1	Lead	33	D	10/23/2024	2307
7439-95-4	Magnesium	9700	D*	10/23/2024	2307
7439-96-5	Manganese	2200	D	10/23/2024	2307
7440-02-0	Nickel	48	D*	10/23/2024	2307
7440-09-7	Potassium	4300	D	10/23/2024	2307
7782-49-2	Selenium	5.3	UD [†]	10/23/2024	2307
7440-22-4	Silver	1.5	UD	10/23/2024	2307
7440-23-5	Sodium	240	JD	10/23/2024	2307
7440-28-0	Thallium	3.8	UD	10/23/2024	2307
7440-62-2	Vanadium	130	D	10/23/2024	2307
7440-66-6	Zinc	99	D	10/23/2024	2307

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDA40

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0Z2

Matrix: SOIL Lab Sample ID: P4295-19

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

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	13000	D	10/23/2024	2311
7440-36-0	Antimony	0.89	JD [†]	10/23/2024	2311
7440-38-2	Arsenic	40	D	10/23/2024	2311
7440-39-3	Barium	210	D	10/23/2024	2311
7440-41-7	Beryllium	0.91	D	10/23/2024	2311
7440-43-9	Cadmium	1.2	D	10/23/2024	2311
7440-70-2	Calcium	2000	D*	10/23/2024	2311
7440-47-3	Chromium	44	D	10/23/2024	2311
7440-48-4	Cobalt	23	D	10/23/2024	2311
7440-50-8	Copper	66	D	10/23/2024	2311
7439-89-6	Iron	48000	D	10/23/2024	2311
7439-92-1	Lead	22	D	10/23/2024	2311
7439-95-4	Magnesium	7100	D*	10/23/2024	2311
7439-96-5	Manganese	2600	D	10/23/2024	2311
7440-02-0	Nickel	36	D*	10/23/2024	2311
7440-09-7	Potassium	3300	D	10/23/2024	2311
7782-49-2	Selenium	4.9	UD [†]	10/23/2024	2311
7440-22-4	Silver	1.4	UD	10/23/2024	2311
7440-23-5	Sodium	160	JD	10/23/2024	2311
7440-28-0	Thallium	3.5	UD	10/23/2024	2311
7440-62-2	Vanadium	93	D	10/23/2024	2311
7440-66-6	Zinc	74	D	10/23/2024	2311

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDA41

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0Z2

Matrix: SOIL Lab Sample ID: P4295-20

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

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	14000	D	10/23/2024	2316
7440-36-0	Antimony	0.66	JD [†]	10/23/2024	2316
7440-38-2	Arsenic	39	D	10/23/2024	2316
7440-39-3	Barium	500	D	10/23/2024	2316
7440-41-7	Beryllium	0.82	D	10/23/2024	2316
7440-43-9	Cadmium	1.2	D	10/23/2024	2316
7440-70-2	Calcium	3200	D*	10/23/2024	2316
7440-47-3	Chromium	55	D	10/23/2024	2316
7440-48-4	Cobalt	25	D	10/23/2024	2316
7440-50-8	Copper	63	D	10/23/2024	2316
7439-89-6	Iron	48000	D	10/23/2024	2316
7439-92-1	Lead	23	D	10/23/2024	2316
7439-95-4	Magnesium	7800	D*	10/23/2024	2316
7439-96-5	Manganese	4300	D	10/23/2024	2316
7440-02-0	Nickel	38	D*	10/23/2024	2316
7440-09-7	Potassium	3500	D	10/23/2024	2316
7782-49-2	Selenium	5.2	UD [†]	10/23/2024	2316
7440-22-4	Silver	1.5	UD	10/23/2024	2316
7440-23-5	Sodium	190	JD	10/23/2024	2316
7440-28-0	Thallium	3.7	UD	10/23/2024	2316
7440-62-2	Vanadium	99	D	10/23/2024	2316
7440-66-6	Zinc	87	D	10/23/2024	2316

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDBB3

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0Z2

Matrix: SOIL Lab Sample ID: P4295-21

% 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	20000	D	10/23/2024	2320
7440-36-0	Antimony	2.0	JD*	10/23/2024	2320
7440-38-2	Arsenic	46	D	10/23/2024	2320
7440-39-3	Barium	270	D	10/23/2024	2320
7440-41-7	Beryllium	1.3	D	10/23/2024	2320
7440-43-9	Cadmium	5.9	D	10/23/2024	2320
7440-70-2	Calcium	16000	D*	10/23/2024	2320
7440-47-3	Chromium	42	D	10/23/2024	2320
7440-48-4	Cobalt	22	D	10/23/2024	2320
7440-50-8	Copper	740	D	10/23/2024	2320
7439-89-6	Iron	35000	D	10/23/2024	2320
7439-92-1	Lead	190	D	10/23/2024	2320
7439-95-4	Magnesium	9000	D*	10/23/2024	2320
7439-96-5	Manganese	850	D	10/23/2024	2320
7440-02-0	Nickel	64	D*	10/23/2024	2320
7440-09-7	Potassium	3700	D	10/23/2024	2320
7782-49-2	Selenium	6.0	UD*	10/23/2024	2320
7440-22-4	Silver	1.7	UD	10/23/2024	2320
7440-23-5	Sodium	240	JD	10/23/2024	2320
7440-28-0	Thallium	4.3	UD	10/23/2024	2320
7440-62-2	Vanadium	59	D	10/23/2024	2320
7440-66-6	Zinc	440	D	10/23/2024	2320

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

Comments: