

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAD3

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAD3

Matrix: SOIL Lab Sample ID: P4302-01

% Solids: 99.3 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	13000	D	10/21/2024	0122
7440-36-0	Antimony	8.2	UD [†]	10/21/2024	0122
7440-38-2	Arsenic	19	D [*]	10/21/2024	0122
7440-39-3	Barium	47	D	10/21/2024	0122
7440-41-7	Beryllium	0.52	JD	10/21/2024	0122
7440-43-9	Cadmium	0.69	UD	10/21/2024	0122
7440-70-2	Calcium	12000	D	10/21/2024	0122
7440-47-3	Chromium	36	D	10/21/2024	0122
7440-48-4	Cobalt	16	D	10/21/2024	0122
7440-50-8	Copper	41	D	10/21/2024	0122
7439-89-6	Iron	29000	D	10/21/2024	0122
7439-92-1	Lead	10	D	10/21/2024	0122
7439-95-4	Magnesium	7700	D	10/21/2024	0122
7439-96-5	Manganese	450	D	10/21/2024	0122
7440-02-0	Nickel	31	D	10/21/2024	0122
7440-09-7	Potassium	610	JD	10/21/2024	0122
7782-49-2	Selenium	4.8	UD [†]	10/21/2024	0122
7440-22-4	Silver	1.4	UD	10/21/2024	0122
7440-23-5	Sodium	250	JD	10/21/2024	0122
7440-28-0	Thallium	3.4	UD	10/21/2024	0122
7440-62-2	Vanadium	64	D	10/21/2024	0122
7440-66-6	Zinc	40	D	10/21/2024	0122

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

Comments:

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MYDAD4

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAD3

Matrix: SOIL Lab Sample ID: P4302-02

% 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	14000	D	10/21/2024	0126
7440-36-0	Antimony	0.95	JD [†]	10/21/2024	0126
7440-38-2	Arsenic	23	D [*]	10/21/2024	0126
7440-39-3	Barium	110	D	10/21/2024	0126
7440-41-7	Beryllium	1.0	D	10/21/2024	0126
7440-43-9	Cadmium	0.16	JD	10/21/2024	0126
7440-70-2	Calcium	4400	D	10/21/2024	0126
7440-47-3	Chromium	15	D	10/21/2024	0126
7440-48-4	Cobalt	14	D	10/21/2024	0126
7440-50-8	Copper	33	D	10/21/2024	0126
7439-89-6	Iron	34000	D	10/21/2024	0126
7439-92-1	Lead	32	D	10/21/2024	0126
7439-95-4	Magnesium	4400	D	10/21/2024	0126
7439-96-5	Manganese	630	D	10/21/2024	0126
7440-02-0	Nickel	16	D	10/21/2024	0126
7440-09-7	Potassium	3300	D	10/21/2024	0126
7782-49-2	Selenium	5.6	UD [†]	10/21/2024	0126
7440-22-4	Silver	1.6	UD	10/21/2024	0126
7440-23-5	Sodium	800	UD	10/21/2024	0126
7440-28-0	Thallium	4.0	UD	10/21/2024	0126
7440-62-2	Vanadium	62	D	10/21/2024	0126
7440-66-6	Zinc	91	D	10/21/2024	0126

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

Comments:

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MYDAD5

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAD3

Matrix: SOIL Lab Sample ID: P4302-03

% 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	16000	D	10/21/2024	0130
7440-36-0	Antimony	8.7	UD [†]	10/21/2024	0130
7440-38-2	Arsenic	14	D [*]	10/21/2024	0130
7440-39-3	Barium	150	D	10/21/2024	0130
7440-41-7	Beryllium	1.0	D	10/21/2024	0130
7440-43-9	Cadmium	0.72	UD	10/21/2024	0130
7440-70-2	Calcium	5100	D	10/21/2024	0130
7440-47-3	Chromium	16	D	10/21/2024	0130
7440-48-4	Cobalt	16	D	10/21/2024	0130
7440-50-8	Copper	28	D	10/21/2024	0130
7439-89-6	Iron	35000	D	10/21/2024	0130
7439-92-1	Lead	20	D	10/21/2024	0130
7439-95-4	Magnesium	5400	D	10/21/2024	0130
7439-96-5	Manganese	670	D	10/21/2024	0130
7440-02-0	Nickel	18	D	10/21/2024	0130
7440-09-7	Potassium	2800	D	10/21/2024	0130
7782-49-2	Selenium	5.1	UD [†]	10/21/2024	0130
7440-22-4	Silver	1.4	UD	10/21/2024	0130
7440-23-5	Sodium	150	JD	10/21/2024	0130
7440-28-0	Thallium	3.6	UD	10/21/2024	0130
7440-62-2	Vanadium	64	D	10/21/2024	0130
7440-66-6	Zinc	62	D	10/21/2024	0130

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

Comments:

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MYDAD6

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAD3

Matrix: SOIL Lab Sample ID: P4302-04

% Solids: 99 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	10/21/2024	0135
7440-36-0	Antimony	0.92	JD [†]	10/21/2024	0135
7440-38-2	Arsenic	44	D [*]	10/21/2024	0135
7440-39-3	Barium	99	D	10/21/2024	0135
7440-41-7	Beryllium	0.95	JD	10/21/2024	0135
7440-43-9	Cadmium	0.50	JD	10/21/2024	0135
7440-70-2	Calcium	3400	D	10/21/2024	0135
7440-47-3	Chromium	15	D	10/21/2024	0135
7440-48-4	Cobalt	16	D	10/21/2024	0135
7440-50-8	Copper	41	D	10/21/2024	0135
7439-89-6	Iron	36000	D	10/21/2024	0135
7439-92-1	Lead	51	D	10/21/2024	0135
7439-95-4	Magnesium	3700	D	10/21/2024	0135
7439-96-5	Manganese	780	D	10/21/2024	0135
7440-02-0	Nickel	15	D	10/21/2024	0135
7440-09-7	Potassium	2600	D	10/21/2024	0135
7782-49-2	Selenium	6.8	UD [†]	10/21/2024	0135
7440-22-4	Silver	1.9	UD	10/21/2024	0135
7440-23-5	Sodium	970	UD	10/21/2024	0135
7440-28-0	Thallium	4.9	UD	10/21/2024	0135
7440-62-2	Vanadium	69	D	10/21/2024	0135
7440-66-6	Zinc	160	D	10/21/2024	0135

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

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MYDAD7

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAD3

Matrix: SOIL Lab Sample ID: P4302-05

% Solids: 98.3 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	17000	D	10/21/2024	0139
7440-36-0	Antimony	11	UD [†]	10/21/2024	0139
7440-38-2	Arsenic	16	D [*]	10/21/2024	0139
7440-39-3	Barium	140	D	10/21/2024	0139
7440-41-7	Beryllium	1.0	D	10/21/2024	0139
7440-43-9	Cadmium	0.89	UD	10/21/2024	0139
7440-70-2	Calcium	5000	D	10/21/2024	0139
7440-47-3	Chromium	17	D	10/21/2024	0139
7440-48-4	Cobalt	15	D	10/21/2024	0139
7440-50-8	Copper	29	D	10/21/2024	0139
7439-89-6	Iron	34000	D	10/21/2024	0139
7439-92-1	Lead	21	D	10/21/2024	0139
7439-95-4	Magnesium	5600	D	10/21/2024	0139
7439-96-5	Manganese	620	D	10/21/2024	0139
7440-02-0	Nickel	18	D	10/21/2024	0139
7440-09-7	Potassium	2800	D	10/21/2024	0139
7782-49-2	Selenium	6.3	UD [†]	10/21/2024	0139
7440-22-4	Silver	1.8	UD	10/21/2024	0139
7440-23-5	Sodium	890	UD	10/21/2024	0139
7440-28-0	Thallium	4.5	UD	10/21/2024	0139
7440-62-2	Vanadium	58	D	10/21/2024	0139
7440-66-6	Zinc	89	D	10/21/2024	0139

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

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MYDAD8

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAD3

Matrix: SOIL Lab Sample ID: P4302-06

% Solids: 98.4 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	10/21/2024	0144
7440-36-0	Antimony	0.83	JD [†]	10/21/2024	0144
7440-38-2	Arsenic	24	D [*]	10/21/2024	0144
7440-39-3	Barium	160	D	10/21/2024	0144
7440-41-7	Beryllium	1.1	D	10/21/2024	0144
7440-43-9	Cadmium	0.19	JD	10/21/2024	0144
7440-70-2	Calcium	6300	D	10/21/2024	0144
7440-47-3	Chromium	28	D	10/21/2024	0144
7440-48-4	Cobalt	17	D	10/21/2024	0144
7440-50-8	Copper	35	D	10/21/2024	0144
7439-89-6	Iron	39000	D	10/21/2024	0144
7439-92-1	Lead	27	D	10/21/2024	0144
7439-95-4	Magnesium	6500	D	10/21/2024	0144
7439-96-5	Manganese	740	D	10/21/2024	0144
7440-02-0	Nickel	25	D	10/21/2024	0144
7440-09-7	Potassium	3700	D	10/21/2024	0144
7782-49-2	Selenium	5.4	UD [†]	10/21/2024	0144
7440-22-4	Silver	1.5	UD	10/21/2024	0144
7440-23-5	Sodium	180	JD	10/21/2024	0144
7440-28-0	Thallium	3.9	UD	10/21/2024	0144
7440-62-2	Vanadium	63	D	10/21/2024	0144
7440-66-6	Zinc	99	D	10/21/2024	0144

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

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MYDAD9

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAD3

Matrix: SOIL Lab Sample ID: P4302-07

% Solids: 99.5 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	10/21/2024	0148
7440-36-0	Antimony	1.5	JD [†]	10/21/2024	0148
7440-38-2	Arsenic	36	D [*]	10/21/2024	0148
7440-39-3	Barium	90	D	10/21/2024	0148
7440-41-7	Beryllium	0.92	D	10/21/2024	0148
7440-43-9	Cadmium	0.38	JD	10/21/2024	0148
7440-70-2	Calcium	3200	D	10/21/2024	0148
7440-47-3	Chromium	14	D	10/21/2024	0148
7440-48-4	Cobalt	15	D	10/21/2024	0148
7440-50-8	Copper	42	D	10/21/2024	0148
7439-89-6	Iron	37000	D	10/21/2024	0148
7439-92-1	Lead	42	D	10/21/2024	0148
7439-95-4	Magnesium	3700	D	10/21/2024	0148
7439-96-5	Manganese	610	D	10/21/2024	0148
7440-02-0	Nickel	14	D	10/21/2024	0148
7440-09-7	Potassium	2600	D	10/21/2024	0148
7782-49-2	Selenium	5.0	UD [†]	10/21/2024	0148
7440-22-4	Silver	1.4	UD	10/21/2024	0148
7440-23-5	Sodium	720	UD	10/21/2024	0148
7440-28-0	Thallium	3.6	UD	10/21/2024	0148
7440-62-2	Vanadium	74	D	10/21/2024	0148
7440-66-6	Zinc	120	D	10/21/2024	0148

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

Comments:

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MYDAE0

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAD3

Matrix: SOIL Lab Sample ID: P4302-08

% 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	13000	D	10/21/2024	0153
7440-36-0	Antimony	1.1	JD [†]	10/21/2024	0153
7440-38-2	Arsenic	34	D [*]	10/21/2024	0153
7440-39-3	Barium	120	D	10/21/2024	0153
7440-41-7	Beryllium	0.94	D	10/21/2024	0153
7440-43-9	Cadmium	0.31	JD	10/21/2024	0153
7440-70-2	Calcium	4300	D	10/21/2024	0153
7440-47-3	Chromium	13	D	10/21/2024	0153
7440-48-4	Cobalt	15	D	10/21/2024	0153
7440-50-8	Copper	33	D	10/21/2024	0153
7439-89-6	Iron	34000	D	10/21/2024	0153
7439-92-1	Lead	39	D	10/21/2024	0153
7439-95-4	Magnesium	4600	D	10/21/2024	0153
7439-96-5	Manganese	700	D	10/21/2024	0153
7440-02-0	Nickel	16	D	10/21/2024	0153
7440-09-7	Potassium	3200	D	10/21/2024	0153
7782-49-2	Selenium	5.2	UD [†]	10/21/2024	0153
7440-22-4	Silver	1.5	UD	10/21/2024	0153
7440-23-5	Sodium	150	JD	10/21/2024	0153
7440-28-0	Thallium	3.7	UD	10/21/2024	0153
7440-62-2	Vanadium	59	D	10/21/2024	0153
7440-66-6	Zinc	120	D	10/21/2024	0153

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

Comments:

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MYDAE1

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAD3

Matrix: SOIL Lab Sample ID: P4302-09

% Solids: 98.9 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	10/21/2024	0157
7440-36-0	Antimony	0.94	JD [†]	10/21/2024	0157
7440-38-2	Arsenic	31	D [*]	10/21/2024	0157
7440-39-3	Barium	130	D	10/21/2024	0157
7440-41-7	Beryllium	0.93	D	10/21/2024	0157
7440-43-9	Cadmium	0.21	JD	10/21/2024	0157
7440-70-2	Calcium	4200	D	10/21/2024	0157
7440-47-3	Chromium	15	D	10/21/2024	0157
7440-48-4	Cobalt	15	D	10/21/2024	0157
7440-50-8	Copper	31	D	10/21/2024	0157
7439-89-6	Iron	34000	D	10/21/2024	0157
7439-92-1	Lead	34	D	10/21/2024	0157
7439-95-4	Magnesium	4500	D	10/21/2024	0157
7439-96-5	Manganese	630	D	10/21/2024	0157
7440-02-0	Nickel	16	D	10/21/2024	0157
7440-09-7	Potassium	2700	D	10/21/2024	0157
7782-49-2	Selenium	4.9	UD [†]	10/21/2024	0157
7440-22-4	Silver	1.4	UD	10/21/2024	0157
7440-23-5	Sodium	140	JD	10/21/2024	0157
7440-28-0	Thallium	3.5	UD	10/21/2024	0157
7440-62-2	Vanadium	64	D	10/21/2024	0157
7440-66-6	Zinc	97	D	10/21/2024	0157

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

Comments:

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MYDAE2

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAD3

Matrix: SOIL Lab Sample ID: P4302-12

% 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	15000	D	10/21/2024	0215
7440-36-0	Antimony	11	UD [†]	10/21/2024	0215
7440-38-2	Arsenic	21	D [*]	10/21/2024	0215
7440-39-3	Barium	130	D	10/21/2024	0215
7440-41-7	Beryllium	1.0	D	10/21/2024	0215
7440-43-9	Cadmium	0.14	JD	10/21/2024	0215
7440-70-2	Calcium	5000	D	10/21/2024	0215
7440-47-3	Chromium	16	D	10/21/2024	0215
7440-48-4	Cobalt	14	D	10/21/2024	0215
7440-50-8	Copper	32	D	10/21/2024	0215
7439-89-6	Iron	36000	D	10/21/2024	0215
7439-92-1	Lead	28	D	10/21/2024	0215
7439-95-4	Magnesium	5200	D	10/21/2024	0215
7439-96-5	Manganese	630	D	10/21/2024	0215
7440-02-0	Nickel	17	D	10/21/2024	0215
7440-09-7	Potassium	3000	D	10/21/2024	0215
7782-49-2	Selenium	6.2	UD [†]	10/21/2024	0215
7440-22-4	Silver	1.8	UD	10/21/2024	0215
7440-23-5	Sodium	890	UD	10/21/2024	0215
7440-28-0	Thallium	4.4	UD	10/21/2024	0215
7440-62-2	Vanadium	65	D	10/21/2024	0215
7440-66-6	Zinc	91	D	10/21/2024	0215

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

Comments:

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MYDAE3

Lab Name: Alliance Technical Group, LLC

Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51772

MA No. : 3226.1 SDG No.: MYDAD3

Matrix: SOIL

Lab Sample ID: P4302-13

% Solids: 99

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	11000	D	10/21/2024	0219
7440-36-0	Antimony	8.1	UD [†]	10/21/2024	0219
7440-38-2	Arsenic	11	D [*]	10/21/2024	0219
7440-39-3	Barium	94	D	10/21/2024	0219
7440-41-7	Beryllium	0.74	D	10/21/2024	0219
7440-43-9	Cadmium	0.68	UD	10/21/2024	0219
7440-70-2	Calcium	12000	D	10/21/2024	0219
7440-47-3	Chromium	14	D	10/21/2024	0219
7440-48-4	Cobalt	13	D	10/21/2024	0219
7440-50-8	Copper	23	D	10/21/2024	0219
7439-89-6	Iron	25000	D	10/21/2024	0219
7439-92-1	Lead	17	D	10/21/2024	0219
7439-95-4	Magnesium	4500	D	10/21/2024	0219
7439-96-5	Manganese	530	D	10/21/2024	0219
7440-02-0	Nickel	16	D	10/21/2024	0219
7440-09-7	Potassium	2000	D	10/21/2024	0219
7782-49-2	Selenium	4.8	UD [†]	10/21/2024	0219
7440-22-4	Silver	1.4	UD	10/21/2024	0219
7440-23-5	Sodium	680	UD	10/21/2024	0219
7440-28-0	Thallium	3.4	UD	10/21/2024	0219
7440-62-2	Vanadium	45	D	10/21/2024	0219
7440-66-6	Zinc	49	D	10/21/2024	0219

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

Comments:

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MYDAE4

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAD3

Matrix: SOIL Lab Sample ID: P4302-14

% Solids: 98.1 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	17000	D	10/23/2024	1732
7440-36-0	Antimony	10	UD [†]	10/23/2024	1732
7440-38-2	Arsenic	28	D [*]	10/23/2024	1732
7440-39-3	Barium	130	D	10/23/2024	1732
7440-41-7	Beryllium	1.1	D	10/23/2024	1732
7440-43-9	Cadmium	0.83	JD	10/23/2024	1732
7440-70-2	Calcium	5100	D	10/23/2024	1732
7440-47-3	Chromium	18	D	10/23/2024	1732
7440-48-4	Cobalt	16	D	10/23/2024	1732
7440-50-8	Copper	32	D	10/23/2024	1732
7439-89-6	Iron	37000	D	10/23/2024	1732
7439-92-1	Lead	26	D	10/23/2024	1732
7439-95-4	Magnesium	5800	D	10/23/2024	1732
7439-96-5	Manganese	600	D	10/23/2024	1732
7440-02-0	Nickel	18	D	10/23/2024	1732
7440-09-7	Potassium	2800	D	10/23/2024	1732
7782-49-2	Selenium	6.1	UD [†]	10/23/2024	1732
7440-22-4	Silver	1.7	UD	10/23/2024	1732
7440-23-5	Sodium	170	JD	10/23/2024	1732
7440-28-0	Thallium	4.3	UD	10/23/2024	1732
7440-62-2	Vanadium	64	D	10/23/2024	1732
7440-66-6	Zinc	93	D	10/23/2024	1732

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

Comments:

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MYDAE5

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAD3

Matrix: SOIL Lab Sample ID: P4302-15

% Solids: 99.6 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	1736
7440-36-0	Antimony	1.7	JD [†]	10/23/2024	1736
7440-38-2	Arsenic	92	D [*]	10/23/2024	1736
7440-39-3	Barium	70	D	10/23/2024	1736
7440-41-7	Beryllium	1.0	D	10/23/2024	1736
7440-43-9	Cadmium	1.3	D	10/23/2024	1736
7440-70-2	Calcium	2600	D	10/23/2024	1736
7440-47-3	Chromium	15	D	10/23/2024	1736
7440-48-4	Cobalt	14	D	10/23/2024	1736
7440-50-8	Copper	41	D	10/23/2024	1736
7439-89-6	Iron	39000	D	10/23/2024	1736
7439-92-1	Lead	74	D	10/23/2024	1736
7439-95-4	Magnesium	3500	D	10/23/2024	1736
7439-96-5	Manganese	440	D	10/23/2024	1736
7440-02-0	Nickel	14	D	10/23/2024	1736
7440-09-7	Potassium	2500	D	10/23/2024	1736
7782-49-2	Selenium	6.2	UD [†]	10/23/2024	1736
7440-22-4	Silver	1.8	UD	10/23/2024	1736
7440-23-5	Sodium	880	UD	10/23/2024	1736
7440-28-0	Thallium	4.4	UD	10/23/2024	1736
7440-62-2	Vanadium	75	D	10/23/2024	1736
7440-66-6	Zinc	180	D	10/23/2024	1736

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

Comments:

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MYDAE6

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAD3

Matrix: SOIL Lab Sample ID: P4302-16

% Solids: 99.1 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	10/21/2024	1908
7440-36-0	Antimony	0.94	JD [†]	10/21/2024	1908
7440-38-2	Arsenic	28	D [*]	10/21/2024	1908
7440-39-3	Barium	120	D	10/21/2024	1908
7440-41-7	Beryllium	0.74	JD	10/21/2024	1908
7440-43-9	Cadmium	0.89	D	10/21/2024	1908
7440-70-2	Calcium	4000	D	10/21/2024	1908
7440-47-3	Chromium	12	D	10/21/2024	1908
7440-48-4	Cobalt	13	D	10/21/2024	1908
7440-50-8	Copper	30	D	10/21/2024	1908
7439-89-6	Iron	29000	D	10/21/2024	1908
7439-92-1	Lead	30	D	10/21/2024	1908
7439-95-4	Magnesium	4100	D	10/21/2024	1908
7439-96-5	Manganese	600	D	10/21/2024	1908
7440-02-0	Nickel	14	D	10/21/2024	1908
7440-09-7	Potassium	3000	D	10/21/2024	1908
7782-49-2	Selenium	5.7	UD [†]	10/21/2024	1908
7440-22-4	Silver	1.6	UD	10/21/2024	1908
7440-23-5	Sodium	810	UD	10/21/2024	1908
7440-28-0	Thallium	4.1	UD	10/21/2024	1908
7440-62-2	Vanadium	51	D	10/21/2024	1908
7440-66-6	Zinc	120	D	10/21/2024	1908

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

Comments:

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MYDAE8

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAD3

Matrix: SOIL Lab Sample ID: P4302-17

% Solids: 95.2 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	17000	D	10/21/2024	1917
7440-36-0	Antimony	9.6	UD [†]	10/21/2024	1917
7440-38-2	Arsenic	21	D [*]	10/21/2024	1917
7440-39-3	Barium	140	D	10/21/2024	1917
7440-41-7	Beryllium	0.93	D	10/21/2024	1917
7440-43-9	Cadmium	0.88	D	10/21/2024	1917
7440-70-2	Calcium	14000	D	10/21/2024	1917
7440-47-3	Chromium	25	D	10/21/2024	1917
7440-48-4	Cobalt	16	D	10/21/2024	1917
7440-50-8	Copper	32	D	10/21/2024	1917
7439-89-6	Iron	31000	D	10/21/2024	1917
7439-92-1	Lead	24	D	10/21/2024	1917
7439-95-4	Magnesium	6100	D	10/21/2024	1917
7439-96-5	Manganese	660	D	10/21/2024	1917
7440-02-0	Nickel	24	D	10/21/2024	1917
7440-09-7	Potassium	2700	D	10/21/2024	1917
7782-49-2	Selenium	5.6	UD [†]	10/21/2024	1917
7440-22-4	Silver	1.6	UD	10/21/2024	1917
7440-23-5	Sodium	800	UD	10/21/2024	1917
7440-28-0	Thallium	4.0	UD	10/21/2024	1917
7440-62-2	Vanadium	53	D	10/21/2024	1917
7440-66-6	Zinc	82	D	10/21/2024	1917

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

Comments:

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MYDAE9

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAD3

Matrix: SOIL Lab Sample ID: P4302-18

% 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	8800	D	10/21/2024	1921
7440-36-0	Antimony	8.7	UD [†]	10/21/2024	1921
7440-38-2	Arsenic	13	D [*]	10/21/2024	1921
7440-39-3	Barium	77	D	10/21/2024	1921
7440-41-7	Beryllium	0.77	D	10/21/2024	1921
7440-43-9	Cadmium	0.66	JD	10/21/2024	1921
7440-70-2	Calcium	11000	D	10/21/2024	1921
7440-47-3	Chromium	13	D	10/21/2024	1921
7440-48-4	Cobalt	15	D	10/21/2024	1921
7440-50-8	Copper	23	D	10/21/2024	1921
7439-89-6	Iron	33000	D	10/21/2024	1921
7439-92-1	Lead	14	D	10/21/2024	1921
7439-95-4	Magnesium	3700	D	10/21/2024	1921
7439-96-5	Manganese	430	D	10/21/2024	1921
7440-02-0	Nickel	14	D	10/21/2024	1921
7440-09-7	Potassium	1400	D	10/21/2024	1921
7782-49-2	Selenium	5.1	UD [†]	10/21/2024	1921
7440-22-4	Silver	1.5	UD	10/21/2024	1921
7440-23-5	Sodium	720	UD	10/21/2024	1921
7440-28-0	Thallium	3.6	UD	10/21/2024	1921
7440-62-2	Vanadium	68	D	10/21/2024	1921
7440-66-6	Zinc	44	D	10/21/2024	1921

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

Comments:

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MYDAF0

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAD3

Matrix: SOIL Lab Sample ID: P4302-19

% 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	12000	D	10/21/2024	1926
7440-36-0	Antimony	9.2	UD [†]	10/21/2024	1926
7440-38-2	Arsenic	18	D [*]	10/21/2024	1926
7440-39-3	Barium	100	D	10/21/2024	1926
7440-41-7	Beryllium	0.87	D	10/21/2024	1926
7440-43-9	Cadmium	0.83	D	10/21/2024	1926
7440-70-2	Calcium	11000	D	10/21/2024	1926
7440-47-3	Chromium	18	D	10/21/2024	1926
7440-48-4	Cobalt	16	D	10/21/2024	1926
7440-50-8	Copper	26	D	10/21/2024	1926
7439-89-6	Iron	34000	D	10/21/2024	1926
7439-92-1	Lead	22	D	10/21/2024	1926
7439-95-4	Magnesium	4700	D	10/21/2024	1926
7439-96-5	Manganese	540	D	10/21/2024	1926
7440-02-0	Nickel	18	D	10/21/2024	1926
7440-09-7	Potassium	2200	D	10/21/2024	1926
7782-49-2	Selenium	5.4	UD [†]	10/21/2024	1926
7440-22-4	Silver	1.5	UD	10/21/2024	1926
7440-23-5	Sodium	770	UD	10/21/2024	1926
7440-28-0	Thallium	3.8	UD	10/21/2024	1926
7440-62-2	Vanadium	69	D	10/21/2024	1926
7440-66-6	Zinc	70	D	10/21/2024	1926

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

Comments:

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MYDAF1

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAD3

Matrix: SOIL Lab Sample ID: P4302-20

% 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	16000	D	10/21/2024	1944
7440-36-0	Antimony	10	UD [†]	10/21/2024	1944
7440-38-2	Arsenic	19	D [*]	10/21/2024	1944
7440-39-3	Barium	140	D	10/21/2024	1944
7440-41-7	Beryllium	0.95	D	10/21/2024	1944
7440-43-9	Cadmium	0.83	JD	10/21/2024	1944
7440-70-2	Calcium	5500	D	10/21/2024	1944
7440-47-3	Chromium	17	D	10/21/2024	1944
7440-48-4	Cobalt	15	D	10/21/2024	1944
7440-50-8	Copper	32	D	10/21/2024	1944
7439-89-6	Iron	32000	D	10/21/2024	1944
7439-92-1	Lead	25	D	10/21/2024	1944
7439-95-4	Magnesium	5500	D	10/21/2024	1944
7439-96-5	Manganese	700	D	10/21/2024	1944
7440-02-0	Nickel	19	D	10/21/2024	1944
7440-09-7	Potassium	3500	D	10/21/2024	1944
7782-49-2	Selenium	6.1	UD [†]	10/21/2024	1944
7440-22-4	Silver	1.7	UD	10/21/2024	1944
7440-23-5	Sodium	870	UD	10/21/2024	1944
7440-28-0	Thallium	4.4	UD	10/21/2024	1944
7440-62-2	Vanadium	52	D	10/21/2024	1944
7440-66-6	Zinc	88	D	10/21/2024	1944

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

Comments:

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MYDAF2

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAD3

Matrix: SOIL Lab Sample ID: P4302-21

% Solids: 99 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	10/21/2024	1948
7440-36-0	Antimony	9.4	UD [†]	10/21/2024	1948
7440-38-2	Arsenic	24	D [*]	10/21/2024	1948
7440-39-3	Barium	140	D	10/21/2024	1948
7440-41-7	Beryllium	0.95	D	10/21/2024	1948
7440-43-9	Cadmium	0.94	D	10/21/2024	1948
7440-70-2	Calcium	4900	D	10/21/2024	1948
7440-47-3	Chromium	16	D	10/21/2024	1948
7440-48-4	Cobalt	15	D	10/21/2024	1948
7440-50-8	Copper	33	D	10/21/2024	1948
7439-89-6	Iron	31000	D	10/21/2024	1948
7439-92-1	Lead	28	D	10/21/2024	1948
7439-95-4	Magnesium	5200	D	10/21/2024	1948
7439-96-5	Manganese	720	D	10/21/2024	1948
7440-02-0	Nickel	19	D	10/21/2024	1948
7440-09-7	Potassium	3500	D	10/21/2024	1948
7782-49-2	Selenium	5.5	UD [†]	10/21/2024	1948
7440-22-4	Silver	1.6	UD	10/21/2024	1948
7440-23-5	Sodium	780	UD	10/21/2024	1948
7440-28-0	Thallium	3.9	UD	10/21/2024	1948
7440-62-2	Vanadium	50	D	10/21/2024	1948
7440-66-6	Zinc	97	D	10/21/2024	1948

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

Comments:

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MYDAF3

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAD3

Matrix: SOIL Lab Sample ID: P4302-22

% Solids: 99.6 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	10/21/2024	1953
7440-36-0	Antimony	8.6	UD [†]	10/21/2024	1953
7440-38-2	Arsenic	12	D [*]	10/21/2024	1953
7440-39-3	Barium	93	D	10/21/2024	1953
7440-41-7	Beryllium	0.72	D	10/21/2024	1953
7440-43-9	Cadmium	0.63	JD	10/21/2024	1953
7440-70-2	Calcium	14000	D	10/21/2024	1953
7440-47-3	Chromium	16	D	10/21/2024	1953
7440-48-4	Cobalt	12	D	10/21/2024	1953
7440-50-8	Copper	21	D	10/21/2024	1953
7439-89-6	Iron	27000	D	10/21/2024	1953
7439-92-1	Lead	15	D	10/21/2024	1953
7439-95-4	Magnesium	4500	D	10/21/2024	1953
7439-96-5	Manganese	500	D	10/21/2024	1953
7440-02-0	Nickel	17	D	10/21/2024	1953
7440-09-7	Potassium	2500	D	10/21/2024	1953
7782-49-2	Selenium	5.0	UD [†]	10/21/2024	1953
7440-22-4	Silver	1.4	UD	10/21/2024	1953
7440-23-5	Sodium	720	UD	10/21/2024	1953
7440-28-0	Thallium	3.6	UD	10/21/2024	1953
7440-62-2	Vanadium	47	D	10/21/2024	1953
7440-66-6	Zinc	53	D	10/21/2024	1953

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

Comments: