

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAE7

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAE7

Matrix: SOIL Lab Sample ID: P4303-01

% 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	8100	D	10/21/2024	2147
7440-36-0	Antimony	0.94	JD [†]	10/21/2024	2147
7440-38-2	Arsenic	49	D	10/21/2024	2147
7440-39-3	Barium	77	D	10/21/2024	2147
7440-41-7	Beryllium	0.83	D	10/21/2024	2147
7440-43-9	Cadmium	1.3	D	10/21/2024	2147
7440-70-2	Calcium	2300	D	10/21/2024	2147
7440-47-3	Chromium	9.2	D	10/21/2024	2147
7440-48-4	Cobalt	12	D	10/21/2024	2147
7440-50-8	Copper	34	D	10/21/2024	2147
7439-89-6	Iron	33000	D	10/21/2024	2147
7439-92-1	Lead	62	D	10/21/2024	2147
7439-95-4	Magnesium	3000	D	10/21/2024	2147
7439-96-5	Manganese	430	D	10/21/2024	2147
7440-02-0	Nickel	11	D	10/21/2024	2147
7440-09-7	Potassium	2100	D	10/21/2024	2147
7782-49-2	Selenium	5.0	UD [†]	10/21/2024	2147
7440-22-4	Silver	1.4	UD	10/21/2024	2147
7440-23-5	Sodium	710	UD	10/21/2024	2147
7440-28-0	Thallium	3.6	UD	10/21/2024	2147
7440-62-2	Vanadium	49	D	10/21/2024	2147
7440-66-6	Zinc	170	D	10/21/2024	2147

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

Comments:

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MYDAF4

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAE7

Matrix: SOIL Lab Sample ID: P4303-04

% 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	12000	D	10/21/2024	2204
7440-36-0	Antimony	9.6	UD [†]	10/21/2024	2204
7440-38-2	Arsenic	17	D	10/21/2024	2204
7440-39-3	Barium	110	D	10/21/2024	2204
7440-41-7	Beryllium	0.81	D	10/21/2024	2204
7440-43-9	Cadmium	0.74	JD	10/21/2024	2204
7440-70-2	Calcium	10000	D	10/21/2024	2204
7440-47-3	Chromium	17	D	10/21/2024	2204
7440-48-4	Cobalt	16	D	10/21/2024	2204
7440-50-8	Copper	26	D	10/21/2024	2204
7439-89-6	Iron	30000	D	10/21/2024	2204
7439-92-1	Lead	18	D	10/21/2024	2204
7439-95-4	Magnesium	5100	D	10/21/2024	2204
7439-96-5	Manganese	630	D	10/21/2024	2204
7440-02-0	Nickel	18	D	10/21/2024	2204
7440-09-7	Potassium	2100	D	10/21/2024	2204
7782-49-2	Selenium	5.6	UD [†]	10/21/2024	2204
7440-22-4	Silver	1.6	UD	10/21/2024	2204
7440-23-5	Sodium	800	UD	10/21/2024	2204
7440-28-0	Thallium	4.0	UD	10/21/2024	2204
7440-62-2	Vanadium	53	D	10/21/2024	2204
7440-66-6	Zinc	67	D	10/21/2024	2204

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

Comments:

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MYDAF5

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAE7

Matrix: SOIL Lab Sample ID: P4303-05

% 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	10000	D	10/21/2024	2209
7440-36-0	Antimony	8.6	UD [†]	10/21/2024	2209
7440-38-2	Arsenic	43	D	10/21/2024	2209
7440-39-3	Barium	95	D	10/21/2024	2209
7440-41-7	Beryllium	0.75	D	10/21/2024	2209
7440-43-9	Cadmium	1.1	D	10/21/2024	2209
7440-70-2	Calcium	3100	D	10/21/2024	2209
7440-47-3	Chromium	11	D	10/21/2024	2209
7440-48-4	Cobalt	13	D	10/21/2024	2209
7440-50-8	Copper	38	D	10/21/2024	2209
7439-89-6	Iron	27000	D	10/21/2024	2209
7439-92-1	Lead	44	D	10/21/2024	2209
7439-95-4	Magnesium	4000	D	10/21/2024	2209
7439-96-5	Manganese	680	D	10/21/2024	2209
7440-02-0	Nickel	13	D	10/21/2024	2209
7440-09-7	Potassium	2800	D	10/21/2024	2209
7782-49-2	Selenium	5.0	UD [†]	10/21/2024	2209
7440-22-4	Silver	1.4	UD	10/21/2024	2209
7440-23-5	Sodium	720	UD	10/21/2024	2209
7440-28-0	Thallium	3.6	UD	10/21/2024	2209
7440-62-2	Vanadium	47	D	10/21/2024	2209
7440-66-6	Zinc	140	D	10/21/2024	2209

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

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MYDAF6

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAE7

Matrix: SOIL Lab Sample ID: P4303-06

% 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	16000	D	10/21/2024	2213
7440-36-0	Antimony	8.6	UD [†]	10/21/2024	2213
7440-38-2	Arsenic	9.3	D	10/21/2024	2213
7440-39-3	Barium	170	D	10/21/2024	2213
7440-41-7	Beryllium	1.1	D	10/21/2024	2213
7440-43-9	Cadmium	0.92	D	10/21/2024	2213
7440-70-2	Calcium	4500	D	10/21/2024	2213
7440-47-3	Chromium	16	D	10/21/2024	2213
7440-48-4	Cobalt	19	D	10/21/2024	2213
7440-50-8	Copper	28	D	10/21/2024	2213
7439-89-6	Iron	37000	D	10/21/2024	2213
7439-92-1	Lead	17	D	10/21/2024	2213
7439-95-4	Magnesium	5500	D	10/21/2024	2213
7439-96-5	Manganese	780	D	10/21/2024	2213
7440-02-0	Nickel	19	D	10/21/2024	2213
7440-09-7	Potassium	3000	D	10/21/2024	2213
7782-49-2	Selenium	5.0	UD [†]	10/21/2024	2213
7440-22-4	Silver	1.4	UD	10/21/2024	2213
7440-23-5	Sodium	710	UD	10/21/2024	2213
7440-28-0	Thallium	3.6	UD	10/21/2024	2213
7440-62-2	Vanadium	67	D	10/21/2024	2213
7440-66-6	Zinc	62	D	10/21/2024	2213

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

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MYDAF7

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAE7

Matrix: SOIL Lab Sample ID: P4303-07

% 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	12000	D	10/21/2024	2217
7440-36-0	Antimony	9.2	UD [†]	10/21/2024	2217
7440-38-2	Arsenic	15	D	10/21/2024	2217
7440-39-3	Barium	120	D	10/21/2024	2217
7440-41-7	Beryllium	0.87	D	10/21/2024	2217
7440-43-9	Cadmium	0.81	D	10/21/2024	2217
7440-70-2	Calcium	4400	D	10/21/2024	2217
7440-47-3	Chromium	13	D	10/21/2024	2217
7440-48-4	Cobalt	16	D	10/21/2024	2217
7440-50-8	Copper	38	D	10/21/2024	2217
7439-89-6	Iron	31000	D	10/21/2024	2217
7439-92-1	Lead	20	D	10/21/2024	2217
7439-95-4	Magnesium	4500	D	10/21/2024	2217
7439-96-5	Manganese	710	D	10/21/2024	2217
7440-02-0	Nickel	16	D	10/21/2024	2217
7440-09-7	Potassium	2700	D	10/21/2024	2217
7782-49-2	Selenium	5.4	UD [†]	10/21/2024	2217
7440-22-4	Silver	1.5	UD	10/21/2024	2217
7440-23-5	Sodium	770	UD	10/21/2024	2217
7440-28-0	Thallium	3.8	UD	10/21/2024	2217
7440-62-2	Vanadium	57	D	10/21/2024	2217
7440-66-6	Zinc	60	D	10/21/2024	2217

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

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MYDAF8

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAE7

Matrix: SOIL Lab Sample ID: P4303-08

% 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	11000	D	10/21/2024	2222
7440-36-0	Antimony	0.84	JD [†]	10/21/2024	2222
7440-38-2	Arsenic	19	D	10/21/2024	2222
7440-39-3	Barium	98	D	10/21/2024	2222
7440-41-7	Beryllium	0.84	D	10/21/2024	2222
7440-43-9	Cadmium	0.77	JD	10/21/2024	2222
7440-70-2	Calcium	5800	D	10/21/2024	2222
7440-47-3	Chromium	19	D	10/21/2024	2222
7440-48-4	Cobalt	17	D	10/21/2024	2222
7440-50-8	Copper	25	D	10/21/2024	2222
7439-89-6	Iron	33000	D	10/21/2024	2222
7439-92-1	Lead	21	D	10/21/2024	2222
7439-95-4	Magnesium	4800	D	10/21/2024	2222
7439-96-5	Manganese	620	D	10/21/2024	2222
7440-02-0	Nickel	19	D	10/21/2024	2222
7440-09-7	Potassium	1800	D	10/21/2024	2222
7782-49-2	Selenium	5.7	UD [†]	10/21/2024	2222
7440-22-4	Silver	1.6	UD	10/21/2024	2222
7440-23-5	Sodium	820	UD	10/21/2024	2222
7440-28-0	Thallium	4.1	UD	10/21/2024	2222
7440-62-2	Vanadium	63	D	10/21/2024	2222
7440-66-6	Zinc	64	D	10/21/2024	2222

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

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MYDAF9

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAE7

Matrix: SOIL Lab Sample ID: P4303-09

% Solids: 97.2 Date Received: 10/04/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	14000	D	10/21/2024	2226
7440-36-0	Antimony	8.8	UD [†]	10/21/2024	2226
7440-38-2	Arsenic	21	D	10/21/2024	2226
7440-39-3	Barium	130	D	10/21/2024	2226
7440-41-7	Beryllium	0.91	D	10/21/2024	2226
7440-43-9	Cadmium	0.80	D	10/21/2024	2226
7440-70-2	Calcium	7100	D	10/21/2024	2226
7440-47-3	Chromium	26	D	10/21/2024	2226
7440-48-4	Cobalt	18	D	10/21/2024	2226
7440-50-8	Copper	30	D	10/21/2024	2226
7439-89-6	Iron	31000	D	10/21/2024	2226
7439-92-1	Lead	22	D	10/21/2024	2226
7439-95-4	Magnesium	5800	D	10/21/2024	2226
7439-96-5	Manganese	720	D	10/21/2024	2226
7440-02-0	Nickel	24	D	10/21/2024	2226
7440-09-7	Potassium	2000	D	10/21/2024	2226
7782-49-2	Selenium	5.1	UD [†]	10/21/2024	2226
7440-22-4	Silver	1.5	UD	10/21/2024	2226
7440-23-5	Sodium	740	UD	10/21/2024	2226
7440-28-0	Thallium	3.7	UD	10/21/2024	2226
7440-62-2	Vanadium	55	D	10/21/2024	2226
7440-66-6	Zinc	76	D	10/21/2024	2226

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

Comments:

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MYDAG0

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAE7

Matrix: SOIL Lab Sample ID: P4303-10

% 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	8700	D	10/21/2024	2231
7440-36-0	Antimony	8.3	UD [†]	10/21/2024	2231
7440-38-2	Arsenic	15	D	10/21/2024	2231
7440-39-3	Barium	75	D	10/21/2024	2231
7440-41-7	Beryllium	0.65	JD	10/21/2024	2231
7440-43-9	Cadmium	0.61	JD	10/21/2024	2231
7440-70-2	Calcium	11000	D	10/21/2024	2231
7440-47-3	Chromium	11	D	10/21/2024	2231
7440-48-4	Cobalt	13	D	10/21/2024	2231
7440-50-8	Copper	22	D	10/21/2024	2231
7439-89-6	Iron	28000	D	10/21/2024	2231
7439-92-1	Lead	11	D	10/21/2024	2231
7439-95-4	Magnesium	4300	D	10/21/2024	2231
7439-96-5	Manganese	450	D	10/21/2024	2231
7440-02-0	Nickel	14	D	10/21/2024	2231
7440-09-7	Potassium	1100	D	10/21/2024	2231
7782-49-2	Selenium	4.9	UD [†]	10/21/2024	2231
7440-22-4	Silver	1.4	UD	10/21/2024	2231
7440-23-5	Sodium	700	UD	10/21/2024	2231
7440-28-0	Thallium	3.5	UD	10/21/2024	2231
7440-62-2	Vanadium	54	D	10/21/2024	2231
7440-66-6	Zinc	44	D	10/21/2024	2231

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

Comments:

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MYDAG1

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAE7

Matrix: SOIL Lab Sample ID: P4303-11

% 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	16000	D	10/21/2024	2235
7440-36-0	Antimony	0.71	JD [†]	10/21/2024	2235
7440-38-2	Arsenic	19	D	10/21/2024	2235
7440-39-3	Barium	130	D	10/21/2024	2235
7440-41-7	Beryllium	0.97	D	10/21/2024	2235
7440-43-9	Cadmium	1.0	D	10/21/2024	2235
7440-70-2	Calcium	4600	D	10/21/2024	2235
7440-47-3	Chromium	17	D	10/21/2024	2235
7440-48-4	Cobalt	16	D	10/21/2024	2235
7440-50-8	Copper	43	D	10/21/2024	2235
7439-89-6	Iron	34000	D	10/21/2024	2235
7439-92-1	Lead	25	D	10/21/2024	2235
7439-95-4	Magnesium	5300	D	10/21/2024	2235
7439-96-5	Manganese	730	D	10/21/2024	2235
7440-02-0	Nickel	19	D	10/21/2024	2235
7440-09-7	Potassium	3800	D	10/21/2024	2235
7782-49-2	Selenium	5.5	UD [†]	10/21/2024	2235
7440-22-4	Silver	1.6	UD	10/21/2024	2235
7440-23-5	Sodium	790	UD	10/21/2024	2235
7440-28-0	Thallium	3.9	UD	10/21/2024	2235
7440-62-2	Vanadium	62	D	10/21/2024	2235
7440-66-6	Zinc	92	D	10/21/2024	2235

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

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MYDAG2

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAE7

Matrix: SOIL Lab Sample ID: P4303-12

% 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	9800	D	10/21/2024	2240
7440-36-0	Antimony	0.93	JD [†]	10/21/2024	2240
7440-38-2	Arsenic	56	D	10/21/2024	2240
7440-39-3	Barium	120	D	10/21/2024	2240
7440-41-7	Beryllium	0.74	JD	10/21/2024	2240
7440-43-9	Cadmium	1.4	D	10/21/2024	2240
7440-70-2	Calcium	6300	D	10/21/2024	2240
7440-47-3	Chromium	11	D	10/21/2024	2240
7440-48-4	Cobalt	17	D	10/21/2024	2240
7440-50-8	Copper	46	D	10/21/2024	2240
7439-89-6	Iron	28000	D	10/21/2024	2240
7439-92-1	Lead	76	D	10/21/2024	2240
7439-95-4	Magnesium	3900	D	10/21/2024	2240
7439-96-5	Manganese	790	D	10/21/2024	2240
7440-02-0	Nickel	13	D	10/21/2024	2240
7440-09-7	Potassium	3200	D	10/21/2024	2240
7782-49-2	Selenium	5.9	UD [†]	10/21/2024	2240
7440-22-4	Silver	1.7	UD	10/21/2024	2240
7440-23-5	Sodium	840	UD	10/21/2024	2240
7440-28-0	Thallium	4.2	UD	10/21/2024	2240
7440-62-2	Vanadium	45	D	10/21/2024	2240
7440-66-6	Zinc	220	D	10/21/2024	2240

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

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MYDAG3

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAE7

Matrix: SOIL Lab Sample ID: P4303-13

% Solids: 98.5 Date Received: 10/04/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	13000	D	10/21/2024	2244
7440-36-0	Antimony	9.6	UD [†]	10/21/2024	2244
7440-38-2	Arsenic	8.1	D	10/21/2024	2244
7440-39-3	Barium	140	D	10/21/2024	2244
7440-41-7	Beryllium	0.89	D	10/21/2024	2244
7440-43-9	Cadmium	0.66	JD	10/21/2024	2244
7440-70-2	Calcium	4200	D	10/21/2024	2244
7440-47-3	Chromium	15	D	10/21/2024	2244
7440-48-4	Cobalt	14	D	10/21/2024	2244
7440-50-8	Copper	23	D	10/21/2024	2244
7439-89-6	Iron	31000	D	10/21/2024	2244
7439-92-1	Lead	13	D	10/21/2024	2244
7439-95-4	Magnesium	4700	D	10/21/2024	2244
7439-96-5	Manganese	650	D	10/21/2024	2244
7440-02-0	Nickel	16	D	10/21/2024	2244
7440-09-7	Potassium	2700	D	10/21/2024	2244
7782-49-2	Selenium	5.6	UD [†]	10/21/2024	2244
7440-22-4	Silver	1.6	UD	10/21/2024	2244
7440-23-5	Sodium	800	UD	10/21/2024	2244
7440-28-0	Thallium	4.0	UD	10/21/2024	2244
7440-62-2	Vanadium	51	D	10/21/2024	2244
7440-66-6	Zinc	50	D	10/21/2024	2244

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

Comments:

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MYDAG4

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAE7

Matrix: SOIL Lab Sample ID: P4303-14

% 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	14000	D	10/21/2024	2257
7440-36-0	Antimony	0.90	JD [†]	10/21/2024	2257
7440-38-2	Arsenic	37	D	10/21/2024	2257
7440-39-3	Barium	150	D	10/21/2024	2257
7440-41-7	Beryllium	0.93	D	10/21/2024	2257
7440-43-9	Cadmium	0.91	D	10/21/2024	2257
7440-70-2	Calcium	7800	D	10/21/2024	2257
7440-47-3	Chromium	47	D	10/21/2024	2257
7440-48-4	Cobalt	21	D	10/21/2024	2257
7440-50-8	Copper	33	D	10/21/2024	2257
7439-89-6	Iron	38000	D	10/21/2024	2257
7439-92-1	Lead	20	D	10/21/2024	2257
7439-95-4	Magnesium	6200	D	10/21/2024	2257
7439-96-5	Manganese	1100	D	10/21/2024	2257
7440-02-0	Nickel	34	D	10/21/2024	2257
7440-09-7	Potassium	1500	D	10/21/2024	2257
7782-49-2	Selenium	5.0	UD [†]	10/21/2024	2257
7440-22-4	Silver	1.4	UD	10/21/2024	2257
7440-23-5	Sodium	720	UD	10/21/2024	2257
7440-28-0	Thallium	3.6	UD	10/21/2024	2257
7440-62-2	Vanadium	78	D	10/21/2024	2257
7440-66-6	Zinc	67	D	10/21/2024	2257

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAG5

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAE7

Matrix: SOIL Lab Sample ID: P4303-15

% Solids: 98.6 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	10000	D	10/21/2024	2302
7440-36-0	Antimony	9.2	UD [†]	10/21/2024	2302
7440-38-2	Arsenic	16	D	10/21/2024	2302
7440-39-3	Barium	100	D	10/21/2024	2302
7440-41-7	Beryllium	0.81	D	10/21/2024	2302
7440-43-9	Cadmium	0.67	JD	10/21/2024	2302
7440-70-2	Calcium	3400	D	10/21/2024	2302
7440-47-3	Chromium	13	D	10/21/2024	2302
7440-48-4	Cobalt	13	D	10/21/2024	2302
7440-50-8	Copper	25	D	10/21/2024	2302
7439-89-6	Iron	28000	D	10/21/2024	2302
7439-92-1	Lead	18	D	10/21/2024	2302
7439-95-4	Magnesium	3900	D	10/21/2024	2302
7439-96-5	Manganese	590	D	10/21/2024	2302
7440-02-0	Nickel	13	D	10/21/2024	2302
7440-09-7	Potassium	2700	D	10/21/2024	2302
7782-49-2	Selenium	5.4	UD [†]	10/21/2024	2302
7440-22-4	Silver	1.5	UD	10/21/2024	2302
7440-23-5	Sodium	770	UD	10/21/2024	2302
7440-28-0	Thallium	3.8	UD	10/21/2024	2302
7440-62-2	Vanadium	48	D	10/21/2024	2302
7440-66-6	Zinc	67	D	10/21/2024	2302

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

Comments:

FORM 1 - IN
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MYDAG6

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAE7

Matrix: SOIL Lab Sample ID: P4303-16

% 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	11000	D	10/21/2024	2306
7440-36-0	Antimony	1.2	JD [†]	10/21/2024	2306
7440-38-2	Arsenic	31	D	10/21/2024	2306
7440-39-3	Barium	100	D	10/21/2024	2306
7440-41-7	Beryllium	0.93	D	10/21/2024	2306
7440-43-9	Cadmium	1.4	D	10/21/2024	2306
7440-70-2	Calcium	2800	D	10/21/2024	2306
7440-47-3	Chromium	13	D	10/21/2024	2306
7440-48-4	Cobalt	21	D	10/21/2024	2306
7440-50-8	Copper	41	D	10/21/2024	2306
7439-89-6	Iron	35000	D	10/21/2024	2306
7439-92-1	Lead	36	D	10/21/2024	2306
7439-95-4	Magnesium	3700	D	10/21/2024	2306
7439-96-5	Manganese	850	D	10/21/2024	2306
7440-02-0	Nickel	16	D	10/21/2024	2306
7440-09-7	Potassium	3000	D	10/21/2024	2306
7782-49-2	Selenium	5.0	UD [†]	10/21/2024	2306
7440-22-4	Silver	1.4	UD	10/21/2024	2306
7440-23-5	Sodium	720	UD	10/21/2024	2306
7440-28-0	Thallium	3.6	UD	10/21/2024	2306
7440-62-2	Vanadium	65	D	10/21/2024	2306
7440-66-6	Zinc	180	D	10/21/2024	2306

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

Comments:

FORM 1 - IN
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MYDAG7

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAE7

Matrix: SOIL Lab Sample ID: P4303-17

% 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	14000	D	10/21/2024	2310
7440-36-0	Antimony	8.9	UD [†]	10/21/2024	2310
7440-38-2	Arsenic	10	D	10/21/2024	2310
7440-39-3	Barium	120	D	10/21/2024	2310
7440-41-7	Beryllium	0.95	D	10/21/2024	2310
7440-43-9	Cadmium	0.74	D	10/21/2024	2310
7440-70-2	Calcium	4100	D	10/21/2024	2310
7440-47-3	Chromium	15	D	10/21/2024	2310
7440-48-4	Cobalt	17	D	10/21/2024	2310
7440-50-8	Copper	24	D	10/21/2024	2310
7439-89-6	Iron	34000	D	10/21/2024	2310
7439-92-1	Lead	14	D	10/21/2024	2310
7439-95-4	Magnesium	5000	D	10/21/2024	2310
7439-96-5	Manganese	620	D	10/21/2024	2310
7440-02-0	Nickel	16	D	10/21/2024	2310
7440-09-7	Potassium	2700	D	10/21/2024	2310
7782-49-2	Selenium	5.2	UD [†]	10/21/2024	2310
7440-22-4	Silver	1.5	UD	10/21/2024	2310
7440-23-5	Sodium	740	UD	10/21/2024	2310
7440-28-0	Thallium	3.7	UD	10/21/2024	2310
7440-62-2	Vanadium	59	D	10/21/2024	2310
7440-66-6	Zinc	54	D	10/21/2024	2310

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAG8

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAE7

Matrix: SOIL Lab Sample ID: P4303-18

% Solids: 97.4 Date Received: 10/04/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	18000	D	10/21/2024	2315
7440-36-0	Antimony	9.1	UD [†]	10/21/2024	2315
7440-38-2	Arsenic	29	D	10/21/2024	2315
7440-39-3	Barium	150	D	10/21/2024	2315
7440-41-7	Beryllium	1.0	D	10/21/2024	2315
7440-43-9	Cadmium	1.0	D	10/21/2024	2315
7440-70-2	Calcium	6400	D	10/21/2024	2315
7440-47-3	Chromium	28	D	10/21/2024	2315
7440-48-4	Cobalt	17	D	10/21/2024	2315
7440-50-8	Copper	37	D	10/21/2024	2315
7439-89-6	Iron	34000	D	10/21/2024	2315
7439-92-1	Lead	27	D	10/21/2024	2315
7439-95-4	Magnesium	6600	D	10/21/2024	2315
7439-96-5	Manganese	710	D	10/21/2024	2315
7440-02-0	Nickel	25	D	10/21/2024	2315
7440-09-7	Potassium	3000	D	10/21/2024	2315
7782-49-2	Selenium	5.3	UD [†]	10/21/2024	2315
7440-22-4	Silver	1.5	UD	10/21/2024	2315
7440-23-5	Sodium	760	UD	10/21/2024	2315
7440-28-0	Thallium	3.8	UD	10/21/2024	2315
7440-62-2	Vanadium	60	D	10/21/2024	2315
7440-66-6	Zinc	98	D	10/21/2024	2315

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAG9

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAE7

Matrix: SOIL Lab Sample ID: P4303-19

% 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	9800	D	10/21/2024	2319
7440-36-0	Antimony	0.93	JD [†]	10/21/2024	2319
7440-38-2	Arsenic	56	D	10/21/2024	2319
7440-39-3	Barium	81	D	10/21/2024	2319
7440-41-7	Beryllium	0.79	D	10/21/2024	2319
7440-43-9	Cadmium	1.2	D	10/21/2024	2319
7440-70-2	Calcium	2500	D	10/21/2024	2319
7440-47-3	Chromium	12	D	10/21/2024	2319
7440-48-4	Cobalt	13	D	10/21/2024	2319
7440-50-8	Copper	48	D	10/21/2024	2319
7439-89-6	Iron	30000	D	10/21/2024	2319
7439-92-1	Lead	59	D	10/21/2024	2319
7439-95-4	Magnesium	3500	D	10/21/2024	2319
7439-96-5	Manganese	580	D	10/21/2024	2319
7440-02-0	Nickel	13	D	10/21/2024	2319
7440-09-7	Potassium	2300	D	10/21/2024	2319
7782-49-2	Selenium	4.9	UD [†]	10/21/2024	2319
7440-22-4	Silver	1.4	UD	10/21/2024	2319
7440-23-5	Sodium	700	UD	10/21/2024	2319
7440-28-0	Thallium	3.5	UD	10/21/2024	2319
7440-62-2	Vanadium	54	D	10/21/2024	2319
7440-66-6	Zinc	140	D	10/21/2024	2319

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

Comments:

FORM 1 - IN
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MYDAH0

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAE7

Matrix: SOIL Lab Sample ID: P4303-20

% Solids: 98.5 Date Received: 10/04/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	12000	D	10/21/2024	2324
7440-36-0	Antimony	0.89	JD [†]	10/21/2024	2324
7440-38-2	Arsenic	8.1	D	10/21/2024	2324
7440-39-3	Barium	120	D	10/21/2024	2324
7440-41-7	Beryllium	0.91	D	10/21/2024	2324
7440-43-9	Cadmium	0.67	JD	10/21/2024	2324
7440-70-2	Calcium	3900	D	10/21/2024	2324
7440-47-3	Chromium	14	D	10/21/2024	2324
7440-48-4	Cobalt	15	D	10/21/2024	2324
7440-50-8	Copper	23	D	10/21/2024	2324
7439-89-6	Iron	32000	D	10/21/2024	2324
7439-92-1	Lead	13	D	10/21/2024	2324
7439-95-4	Magnesium	4600	D	10/21/2024	2324
7439-96-5	Manganese	620	D	10/21/2024	2324
7440-02-0	Nickel	16	D	10/21/2024	2324
7440-09-7	Potassium	2300	D	10/21/2024	2324
7782-49-2	Selenium	5.5	UD [†]	10/21/2024	2324
7440-22-4	Silver	1.6	UD	10/21/2024	2324
7440-23-5	Sodium	790	UD	10/21/2024	2324
7440-28-0	Thallium	3.9	UD	10/21/2024	2324
7440-62-2	Vanadium	56	D	10/21/2024	2324
7440-66-6	Zinc	47	D	10/21/2024	2324

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

Comments:

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MYDAH1

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAE7
 Matrix: SOIL Lab Sample ID: P4303-21
 % 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	15000	D	10/21/2024	2328
7440-36-0	Antimony	0.91	JD [†]	10/21/2024	2328
7440-38-2	Arsenic	25	D	10/21/2024	2328
7440-39-3	Barium	130	D	10/21/2024	2328
7440-41-7	Beryllium	1.0	D	10/21/2024	2328
7440-43-9	Cadmium	1.0	D	10/21/2024	2328
7440-70-2	Calcium	5500	D	10/21/2024	2328
7440-47-3	Chromium	25	D	10/21/2024	2328
7440-48-4	Cobalt	19	D	10/21/2024	2328
7440-50-8	Copper	33	D	10/21/2024	2328
7439-89-6	Iron	40000	D	10/21/2024	2328
7439-92-1	Lead	25	D	10/21/2024	2328
7439-95-4	Magnesium	5500	D	10/21/2024	2328
7439-96-5	Manganese	640	D	10/21/2024	2328
7440-02-0	Nickel	23	D	10/21/2024	2328
7440-09-7	Potassium	1900	D	10/21/2024	2328
7782-49-2	Selenium	5.4	UD [†]	10/21/2024	2328
7440-22-4	Silver	1.5	UD	10/21/2024	2328
7440-23-5	Sodium	770	UD	10/21/2024	2328
7440-28-0	Thallium	3.9	UD	10/21/2024	2328
7440-62-2	Vanadium	79	D	10/21/2024	2328
7440-66-6	Zinc	81	D	10/21/2024	2328

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

Comments:

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MYDAH2

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAE7

Matrix: SOIL Lab Sample ID: P4303-22

% 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	12000	D	10/21/2024	2333
7440-36-0	Antimony	0.63	JD [†]	10/21/2024	2333
7440-38-2	Arsenic	9.9	D	10/21/2024	2333
7440-39-3	Barium	95	D	10/21/2024	2333
7440-41-7	Beryllium	0.96	D	10/21/2024	2333
7440-43-9	Cadmium	0.72	D	10/21/2024	2333
7440-70-2	Calcium	3700	D	10/21/2024	2333
7440-47-3	Chromium	13	D	10/21/2024	2333
7440-48-4	Cobalt	15	D	10/21/2024	2333
7440-50-8	Copper	23	D	10/21/2024	2333
7439-89-6	Iron	33000	D	10/21/2024	2333
7439-92-1	Lead	18	D	10/21/2024	2333
7439-95-4	Magnesium	4300	D	10/21/2024	2333
7439-96-5	Manganese	570	D	10/21/2024	2333
7440-02-0	Nickel	15	D	10/21/2024	2333
7440-09-7	Potassium	2800	D	10/21/2024	2333
7782-49-2	Selenium	5.0	UD [†]	10/21/2024	2333
7440-22-4	Silver	1.4	UD	10/21/2024	2333
7440-23-5	Sodium	720	UD	10/21/2024	2333
7440-28-0	Thallium	3.6	UD	10/21/2024	2333
7440-62-2	Vanadium	63	D	10/21/2024	2333
7440-66-6	Zinc	56	D	10/21/2024	2333

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

Comments: