

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAB3

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAB3

Matrix: SOIL Lab Sample ID: P4301-01

% 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	34000	D	10/19/2024	2156
7440-36-0	Antimony	2.0	JD*	10/19/2024	2156
7440-38-2	Arsenic	41	D*	10/19/2024	2156
7440-39-3	Barium	130	D	10/19/2024	2156
7440-41-7	Beryllium	0.94	D	10/19/2024	2156
7440-43-9	Cadmium	1.6	D	10/19/2024	2156
7440-70-2	Calcium	2600	D	10/19/2024	2156
7440-47-3	Chromium	57	D	10/19/2024	2156
7440-48-4	Cobalt	42	D	10/19/2024	2156
7440-50-8	Copper	200	D*	10/19/2024	2156
7439-89-6	Iron	77000	D	10/19/2024	2156
7439-92-1	Lead	74	D	10/19/2024	2156
7439-95-4	Magnesium	22000	D	10/19/2024	2156
7439-96-5	Manganese	1600	D	10/19/2024	2156
7440-02-0	Nickel	54	D	10/19/2024	2156
7440-09-7	Potassium	2400	D	10/19/2024	2156
7782-49-2	Selenium	4.9	UD*	10/19/2024	2156
7440-22-4	Silver	1.4	UD	10/19/2024	2156
7440-23-5	Sodium	280	JD	10/19/2024	2156
7440-28-0	Thallium	3.5	UD	10/19/2024	2156
7440-62-2	Vanadium	250	D	10/19/2024	2156
7440-66-6	Zinc	160	D*	10/19/2024	2156

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

Comments:

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MYDAB4

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAB3

Matrix: SOIL Lab Sample ID: P4301-02

% 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	32000	D	10/19/2024	2200
7440-36-0	Antimony	1.5	JD*	10/19/2024	2200
7440-38-2	Arsenic	75	D*	10/19/2024	2200
7440-39-3	Barium	130	D	10/19/2024	2200
7440-41-7	Beryllium	0.91	D	10/19/2024	2200
7440-43-9	Cadmium	1.2	D	10/19/2024	2200
7440-70-2	Calcium	2300	D	10/19/2024	2200
7440-47-3	Chromium	62	D	10/19/2024	2200
7440-48-4	Cobalt	40	D	10/19/2024	2200
7440-50-8	Copper	190	D*	10/19/2024	2200
7439-89-6	Iron	77000	D	10/19/2024	2200
7439-92-1	Lead	68	D	10/19/2024	2200
7439-95-4	Magnesium	20000	D	10/19/2024	2200
7439-96-5	Manganese	1400	D	10/19/2024	2200
7440-02-0	Nickel	62	D	10/19/2024	2200
7440-09-7	Potassium	3300	D	10/19/2024	2200
7782-49-2	Selenium	5.4	UD*	10/19/2024	2200
7440-22-4	Silver	1.6	UD	10/19/2024	2200
7440-23-5	Sodium	330	JD	10/19/2024	2200
7440-28-0	Thallium	3.9	UD	10/19/2024	2200
7440-62-2	Vanadium	240	D	10/19/2024	2200
7440-66-6	Zinc	150	D*	10/19/2024	2200

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

Comments:

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MYDAB5

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAB3

Matrix: SOIL Lab Sample ID: P4301-03

% 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	34000	D	10/19/2024	2205
7440-36-0	Antimony	1.4	JD*	10/19/2024	2205
7440-38-2	Arsenic	36	D*	10/19/2024	2205
7440-39-3	Barium	110	D	10/19/2024	2205
7440-41-7	Beryllium	0.89	D	10/19/2024	2205
7440-43-9	Cadmium	1.3	D	10/19/2024	2205
7440-70-2	Calcium	3200	D	10/19/2024	2205
7440-47-3	Chromium	61	D	10/19/2024	2205
7440-48-4	Cobalt	44	D	10/19/2024	2205
7440-50-8	Copper	200	D*	10/19/2024	2205
7439-89-6	Iron	78000	D	10/19/2024	2205
7439-92-1	Lead	66	D	10/19/2024	2205
7439-95-4	Magnesium	22000	D	10/19/2024	2205
7439-96-5	Manganese	1500	D	10/19/2024	2205
7440-02-0	Nickel	60	D	10/19/2024	2205
7440-09-7	Potassium	2600	D	10/19/2024	2205
7782-49-2	Selenium	5.0	UD*	10/19/2024	2205
7440-22-4	Silver	1.4	UD	10/19/2024	2205
7440-23-5	Sodium	300	JD	10/19/2024	2205
7440-28-0	Thallium	3.6	UD	10/19/2024	2205
7440-62-2	Vanadium	230	D	10/19/2024	2205
7440-66-6	Zinc	170	D*	10/19/2024	2205

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

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MYDAB6

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAB3

Matrix: SOIL Lab Sample ID: P4301-04

% 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	26000	D	10/19/2024	2209
7440-36-0	Antimony	2.0	JD*	10/19/2024	2209
7440-38-2	Arsenic	47	D*	10/19/2024	2209
7440-39-3	Barium	77	D	10/19/2024	2209
7440-41-7	Beryllium	0.71	JD	10/19/2024	2209
7440-43-9	Cadmium	0.77	D	10/19/2024	2209
7440-70-2	Calcium	4000	D	10/19/2024	2209
7440-47-3	Chromium	89	D	10/19/2024	2209
7440-48-4	Cobalt	44	D	10/19/2024	2209
7440-50-8	Copper	170	D*	10/19/2024	2209
7439-89-6	Iron	63000	D	10/19/2024	2209
7439-92-1	Lead	44	D	10/19/2024	2209
7439-95-4	Magnesium	17000	D	10/19/2024	2209
7439-96-5	Manganese	1400	D	10/19/2024	2209
7440-02-0	Nickel	64	D	10/19/2024	2209
7440-09-7	Potassium	2000	D	10/19/2024	2209
7782-49-2	Selenium	5.1	UD*	10/19/2024	2209
7440-22-4	Silver	1.5	UD	10/19/2024	2209
7440-23-5	Sodium	230	JD	10/19/2024	2209
7440-28-0	Thallium	3.6	UD	10/19/2024	2209
7440-62-2	Vanadium	140	D	10/19/2024	2209
7440-66-6	Zinc	120	D*	10/19/2024	2209

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

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MYDAB7

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAB3

Matrix: SOIL Lab Sample ID: P4301-05

% 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	35000	D	10/19/2024	2213
7440-36-0	Antimony	1.8	JD*	10/19/2024	2213
7440-38-2	Arsenic	62	D*	10/19/2024	2213
7440-39-3	Barium	91	D	10/19/2024	2213
7440-41-7	Beryllium	0.88	D	10/19/2024	2213
7440-43-9	Cadmium	1.2	D	10/19/2024	2213
7440-70-2	Calcium	3000	D	10/19/2024	2213
7440-47-3	Chromium	64	D	10/19/2024	2213
7440-48-4	Cobalt	41	D	10/19/2024	2213
7440-50-8	Copper	190	D*	10/19/2024	2213
7439-89-6	Iron	78000	D	10/19/2024	2213
7439-92-1	Lead	56	D	10/19/2024	2213
7439-95-4	Magnesium	22000	D	10/19/2024	2213
7439-96-5	Manganese	1300	D	10/19/2024	2213
7440-02-0	Nickel	65	D	10/19/2024	2213
7440-09-7	Potassium	1700	D	10/19/2024	2213
7782-49-2	Selenium	5.2	UD*	10/19/2024	2213
7440-22-4	Silver	1.5	UD	10/19/2024	2213
7440-23-5	Sodium	290	JD	10/19/2024	2213
7440-28-0	Thallium	3.7	UD	10/19/2024	2213
7440-62-2	Vanadium	250	D	10/19/2024	2213
7440-66-6	Zinc	160	D*	10/19/2024	2213

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

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MYDAB8

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAB3

Matrix: SOIL Lab Sample ID: P4301-06

% 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	25000	D	10/19/2024	2218
7440-36-0	Antimony	2.4	JD [†]	10/19/2024	2218
7440-38-2	Arsenic	42	D [*]	10/19/2024	2218
7440-39-3	Barium	66	D	10/19/2024	2218
7440-41-7	Beryllium	0.69	JD	10/19/2024	2218
7440-43-9	Cadmium	0.94	D	10/19/2024	2218
7440-70-2	Calcium	4300	D	10/19/2024	2218
7440-47-3	Chromium	86	D	10/19/2024	2218
7440-48-4	Cobalt	47	D	10/19/2024	2218
7440-50-8	Copper	190	D [*]	10/19/2024	2218
7439-89-6	Iron	59000	D	10/19/2024	2218
7439-92-1	Lead	51	D	10/19/2024	2218
7439-95-4	Magnesium	15000	D	10/19/2024	2218
7439-96-5	Manganese	1200	D	10/19/2024	2218
7440-02-0	Nickel	61	D	10/19/2024	2218
7440-09-7	Potassium	1900	D	10/19/2024	2218
7782-49-2	Selenium	5.4	UD [†]	10/19/2024	2218
7440-22-4	Silver	1.5	UD	10/19/2024	2218
7440-23-5	Sodium	220	JD	10/19/2024	2218
7440-28-0	Thallium	3.8	UD	10/19/2024	2218
7440-62-2	Vanadium	130	D	10/19/2024	2218
7440-66-6	Zinc	140	D [*]	10/19/2024	2218

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

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MYDAB9

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAB3

Matrix: SOIL Lab Sample ID: P4301-07

% 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	24000	D	10/19/2024	2222
7440-36-0	Antimony	1.9	JD*	10/19/2024	2222
7440-38-2	Arsenic	40	D*	10/19/2024	2222
7440-39-3	Barium	81	D	10/19/2024	2222
7440-41-7	Beryllium	0.71	D	10/19/2024	2222
7440-43-9	Cadmium	0.71	D	10/19/2024	2222
7440-70-2	Calcium	3600	D	10/19/2024	2222
7440-47-3	Chromium	77	D	10/19/2024	2222
7440-48-4	Cobalt	47	D	10/19/2024	2222
7440-50-8	Copper	180	D*	10/19/2024	2222
7439-89-6	Iron	57000	D	10/19/2024	2222
7439-92-1	Lead	43	D	10/19/2024	2222
7439-95-4	Magnesium	14000	D	10/19/2024	2222
7439-96-5	Manganese	1200	D	10/19/2024	2222
7440-02-0	Nickel	62	D	10/19/2024	2222
7440-09-7	Potassium	3100	D	10/19/2024	2222
7782-49-2	Selenium	5.0	UD*	10/19/2024	2222
7440-22-4	Silver	1.4	UD	10/19/2024	2222
7440-23-5	Sodium	220	JD	10/19/2024	2222
7440-28-0	Thallium	3.6	UD	10/19/2024	2222
7440-62-2	Vanadium	120	D	10/19/2024	2222
7440-66-6	Zinc	110	D*	10/19/2024	2222

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

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MYDAC0

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAB3

Matrix: SOIL Lab Sample ID: P4301-08

% 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	25000	D	10/19/2024	2226
7440-36-0	Antimony	2.6	JD*	10/19/2024	2226
7440-38-2	Arsenic	46	D*	10/19/2024	2226
7440-39-3	Barium	92	D	10/19/2024	2226
7440-41-7	Beryllium	0.77	D	10/19/2024	2226
7440-43-9	Cadmium	0.75	D	10/19/2024	2226
7440-70-2	Calcium	4400	D	10/19/2024	2226
7440-47-3	Chromium	81	D	10/19/2024	2226
7440-48-4	Cobalt	48	D	10/19/2024	2226
7440-50-8	Copper	190	D*	10/19/2024	2226
7439-89-6	Iron	60000	D	10/19/2024	2226
7439-92-1	Lead	40	D	10/19/2024	2226
7439-95-4	Magnesium	14000	D	10/19/2024	2226
7439-96-5	Manganese	1400	D	10/19/2024	2226
7440-02-0	Nickel	62	D	10/19/2024	2226
7440-09-7	Potassium	1700	D	10/19/2024	2226
7782-49-2	Selenium	5.1	UD*	10/19/2024	2226
7440-22-4	Silver	1.4	UD	10/19/2024	2226
7440-23-5	Sodium	230	JD	10/19/2024	2226
7440-28-0	Thallium	3.6	UD	10/19/2024	2226
7440-62-2	Vanadium	130	D	10/19/2024	2226
7440-66-6	Zinc	110	D*	10/19/2024	2226

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

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MYDAC1

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAB3

Matrix: SOIL Lab Sample ID: P4301-09

% 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	24000	D	10/19/2024	2231
7440-36-0	Antimony	2.1	JD*	10/19/2024	2231
7440-38-2	Arsenic	49	D*	10/19/2024	2231
7440-39-3	Barium	78	D	10/19/2024	2231
7440-41-7	Beryllium	0.69	D	10/19/2024	2231
7440-43-9	Cadmium	1.0	D	10/19/2024	2231
7440-70-2	Calcium	3900	D	10/19/2024	2231
7440-47-3	Chromium	73	D	10/19/2024	2231
7440-48-4	Cobalt	48	D	10/19/2024	2231
7440-50-8	Copper	200	D*	10/19/2024	2231
7439-89-6	Iron	56000	D	10/19/2024	2231
7439-92-1	Lead	60	D	10/19/2024	2231
7439-95-4	Magnesium	14000	D	10/19/2024	2231
7439-96-5	Manganese	1100	D	10/19/2024	2231
7440-02-0	Nickel	59	D	10/19/2024	2231
7440-09-7	Potassium	2200	D	10/19/2024	2231
7782-49-2	Selenium	4.8	UD*	10/19/2024	2231
7440-22-4	Silver	1.4	UD	10/19/2024	2231
7440-23-5	Sodium	230	JD	10/19/2024	2231
7440-28-0	Thallium	3.4	UD	10/19/2024	2231
7440-62-2	Vanadium	130	D	10/19/2024	2231
7440-66-6	Zinc	130	D*	10/19/2024	2231

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

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MYDAC2

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAB3

Matrix: SOIL Lab Sample ID: P4301-12

% 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	26000	D	10/19/2024	2257
7440-36-0	Antimony	2.2	JD*	10/19/2024	2257
7440-38-2	Arsenic	56	D*	10/19/2024	2257
7440-39-3	Barium	84	D	10/19/2024	2257
7440-41-7	Beryllium	0.74	JD	10/19/2024	2257
7440-43-9	Cadmium	1.0	D	10/19/2024	2257
7440-70-2	Calcium	3900	D	10/19/2024	2257
7440-47-3	Chromium	78	D	10/19/2024	2257
7440-48-4	Cobalt	46	D	10/19/2024	2257
7440-50-8	Copper	210	D*	10/19/2024	2257
7439-89-6	Iron	62000	D	10/19/2024	2257
7439-92-1	Lead	63	D	10/19/2024	2257
7439-95-4	Magnesium	15000	D	10/19/2024	2257
7439-96-5	Manganese	1300	D	10/19/2024	2257
7440-02-0	Nickel	59	D	10/19/2024	2257
7440-09-7	Potassium	3000	D	10/19/2024	2257
7782-49-2	Selenium	5.3	UD*	10/19/2024	2257
7440-22-4	Silver	1.5	UD	10/19/2024	2257
7440-23-5	Sodium	260	JD	10/19/2024	2257
7440-28-0	Thallium	3.8	UD	10/19/2024	2257
7440-62-2	Vanadium	130	D	10/19/2024	2257
7440-66-6	Zinc	140	D*	10/19/2024	2257

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

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MYDAC3

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAB3

Matrix: SOIL Lab Sample ID: P4301-13

% 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	28000	D	10/19/2024	2301
7440-36-0	Antimony	1.4	JD*	10/19/2024	2301
7440-38-2	Arsenic	72	D*	10/19/2024	2301
7440-39-3	Barium	160	D	10/19/2024	2301
7440-41-7	Beryllium	0.86	D	10/19/2024	2301
7440-43-9	Cadmium	0.90	D	10/19/2024	2301
7440-70-2	Calcium	3200	D	10/19/2024	2301
7440-47-3	Chromium	57	D	10/19/2024	2301
7440-48-4	Cobalt	40	D	10/19/2024	2301
7440-50-8	Copper	160	D*	10/19/2024	2301
7439-89-6	Iron	67000	D	10/19/2024	2301
7439-92-1	Lead	46	D	10/19/2024	2301
7439-95-4	Magnesium	16000	D	10/19/2024	2301
7439-96-5	Manganese	1400	D	10/19/2024	2301
7440-02-0	Nickel	58	D	10/19/2024	2301
7440-09-7	Potassium	3800	D	10/19/2024	2301
7782-49-2	Selenium	4.9	UD*	10/19/2024	2301
7440-22-4	Silver	1.4	UD	10/19/2024	2301
7440-23-5	Sodium	270	JD	10/19/2024	2301
7440-28-0	Thallium	3.5	UD	10/19/2024	2301
7440-62-2	Vanadium	200	D	10/19/2024	2301
7440-66-6	Zinc	130	D*	10/19/2024	2301

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

Comments:

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MYDAC4

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAB3

Matrix: SOIL Lab Sample ID: P4301-14

% 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	10/19/2024	2306
7440-36-0	Antimony	0.76	JD*	10/19/2024	2306
7440-38-2	Arsenic	11	D*	10/19/2024	2306
7440-39-3	Barium	100	D	10/19/2024	2306
7440-41-7	Beryllium	0.55	JD	10/19/2024	2306
7440-43-9	Cadmium	0.26	JD	10/19/2024	2306
7440-70-2	Calcium	4400	D	10/19/2024	2306
7440-47-3	Chromium	17	D	10/19/2024	2306
7440-48-4	Cobalt	10	D	10/19/2024	2306
7440-50-8	Copper	33	D*	10/19/2024	2306
7439-89-6	Iron	22000	D	10/19/2024	2306
7439-92-1	Lead	30	D	10/19/2024	2306
7439-95-4	Magnesium	4500	D	10/19/2024	2306
7439-96-5	Manganese	450	D	10/19/2024	2306
7440-02-0	Nickel	15	D	10/19/2024	2306
7440-09-7	Potassium	3100	D	10/19/2024	2306
7782-49-2	Selenium	5.4	UD*	10/19/2024	2306
7440-22-4	Silver	1.5	UD	10/19/2024	2306
7440-23-5	Sodium	760	UD	10/19/2024	2306
7440-28-0	Thallium	3.8	UD	10/19/2024	2306
7440-62-2	Vanadium	37	D	10/19/2024	2306
7440-66-6	Zinc	97	D*	10/19/2024	2306

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAC5

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAB3

Matrix: SOIL Lab Sample ID: P4301-15

% 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	8700	D	10/19/2024	2310
7440-36-0	Antimony	8.8	UD [†]	10/19/2024	2310
7440-38-2	Arsenic	7.5	D [*]	10/19/2024	2310
7440-39-3	Barium	79	D	10/19/2024	2310
7440-41-7	Beryllium	0.45	JD	10/19/2024	2310
7440-43-9	Cadmium	0.12	JD	10/19/2024	2310
7440-70-2	Calcium	4400	D	10/19/2024	2310
7440-47-3	Chromium	18	D	10/19/2024	2310
7440-48-4	Cobalt	7.9	D	10/19/2024	2310
7440-50-8	Copper	23	D [*]	10/19/2024	2310
7439-89-6	Iron	16000	D	10/19/2024	2310
7439-92-1	Lead	18	D	10/19/2024	2310
7439-95-4	Magnesium	3500	D	10/19/2024	2310
7439-96-5	Manganese	320	D	10/19/2024	2310
7440-02-0	Nickel	17	D	10/19/2024	2310
7440-09-7	Potassium	2500	D	10/19/2024	2310
7782-49-2	Selenium	5.1	UD [†]	10/19/2024	2310
7440-22-4	Silver	1.5	UD	10/19/2024	2310
7440-23-5	Sodium	730	UD	10/19/2024	2310
7440-28-0	Thallium	3.7	UD	10/19/2024	2310
7440-62-2	Vanadium	30	D	10/19/2024	2310
7440-66-6	Zinc	47	D [*]	10/19/2024	2310

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

Comments:

FORM 1 - IN
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MYDAC6

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAB3

Matrix: SOIL Lab Sample ID: P4301-16

% 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	14000	D	10/19/2024	2315
7440-36-0	Antimony	0.83	JD*	10/19/2024	2315
7440-38-2	Arsenic	13	D*	10/19/2024	2315
7440-39-3	Barium	150	D	10/19/2024	2315
7440-41-7	Beryllium	0.73	JD	10/19/2024	2315
7440-43-9	Cadmium	0.67	JD	10/19/2024	2315
7440-70-2	Calcium	8000	D	10/19/2024	2315
7440-47-3	Chromium	19	D	10/19/2024	2315
7440-48-4	Cobalt	14	D	10/19/2024	2315
7440-50-8	Copper	51	D*	10/19/2024	2315
7439-89-6	Iron	29000	D	10/19/2024	2315
7439-92-1	Lead	44	D	10/19/2024	2315
7439-95-4	Magnesium	5900	D	10/19/2024	2315
7439-96-5	Manganese	620	D	10/19/2024	2315
7440-02-0	Nickel	22	D	10/19/2024	2315
7440-09-7	Potassium	3300	D	10/19/2024	2315
7782-49-2	Selenium	5.2	UD*	10/19/2024	2315
7440-22-4	Silver	1.5	UD	10/19/2024	2315
7440-23-5	Sodium	740	UD	10/19/2024	2315
7440-28-0	Thallium	3.7	UD	10/19/2024	2315
7440-62-2	Vanadium	48	D	10/19/2024	2315
7440-66-6	Zinc	100	D*	10/19/2024	2315

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

Comments:

FORM 1 - IN
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MYDAC7

Lab Name: Alliance Technical Group, LLC

Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51772

MA No. : 3226.1 SDG No.: MYDAB3

Matrix: SOIL

Lab Sample ID: P4301-17

% 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	18000	D	10/19/2024	2319
7440-36-0	Antimony	0.96	JD*	10/19/2024	2319
7440-38-2	Arsenic	12	D*	10/19/2024	2319
7440-39-3	Barium	200	D	10/19/2024	2319
7440-41-7	Beryllium	0.82	D	10/19/2024	2319
7440-43-9	Cadmium	0.29	JD	10/19/2024	2319
7440-70-2	Calcium	13000	D	10/19/2024	2319
7440-47-3	Chromium	23	D	10/19/2024	2319
7440-48-4	Cobalt	15	D	10/19/2024	2319
7440-50-8	Copper	35	D*	10/19/2024	2319
7439-89-6	Iron	31000	D	10/19/2024	2319
7439-92-1	Lead	24	D	10/19/2024	2319
7439-95-4	Magnesium	6800	D	10/19/2024	2319
7439-96-5	Manganese	670	D	10/19/2024	2319
7440-02-0	Nickel	24	D	10/19/2024	2319
7440-09-7	Potassium	2600	D	10/19/2024	2319
7782-49-2	Selenium	5.3	UD*	10/19/2024	2319
7440-22-4	Silver	1.5	UD	10/19/2024	2319
7440-23-5	Sodium	150	JD	10/19/2024	2319
7440-28-0	Thallium	3.8	UD	10/19/2024	2319
7440-62-2	Vanadium	53	D	10/19/2024	2319
7440-66-6	Zinc	68	D*	10/19/2024	2319

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

Comments:

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MYDAC8

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAB3
 Matrix: SOIL Lab Sample ID: P4301-18
 % 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	14000	D	10/19/2024	2323
7440-36-0	Antimony	9.4	UD [†]	10/19/2024	2323
7440-38-2	Arsenic	14	D [*]	10/19/2024	2323
7440-39-3	Barium	150	D	10/19/2024	2323
7440-41-7	Beryllium	0.70	JD	10/19/2024	2323
7440-43-9	Cadmium	0.39	JD	10/19/2024	2323
7440-70-2	Calcium	8400	D	10/19/2024	2323
7440-47-3	Chromium	18	D	10/19/2024	2323
7440-48-4	Cobalt	13	D	10/19/2024	2323
7440-50-8	Copper	91	D [*]	10/19/2024	2323
7439-89-6	Iron	28000	D	10/19/2024	2323
7439-92-1	Lead	54	D	10/19/2024	2323
7439-95-4	Magnesium	5600	D	10/19/2024	2323
7439-96-5	Manganese	590	D	10/19/2024	2323
7440-02-0	Nickel	20	D	10/19/2024	2323
7440-09-7	Potassium	2500	D	10/19/2024	2323
7782-49-2	Selenium	5.5	UD [†]	10/19/2024	2323
7440-22-4	Silver	1.6	UD	10/19/2024	2323
7440-23-5	Sodium	170	JD	10/19/2024	2323
7440-28-0	Thallium	3.9	UD	10/19/2024	2323
7440-62-2	Vanadium	46	D	10/19/2024	2323
7440-66-6	Zinc	92	D [*]	10/19/2024	2323

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

Comments:

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MYDAC9

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAB3

Matrix: SOIL Lab Sample ID: P4301-19

% Solids: 99.7 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	10/19/2024	2328
7440-36-0	Antimony	0.85	JD*	10/19/2024	2328
7440-38-2	Arsenic	15	D*	10/19/2024	2328
7440-39-3	Barium	82	D	10/19/2024	2328
7440-41-7	Beryllium	0.34	JD	10/19/2024	2328
7440-43-9	Cadmium	0.68	UD	10/19/2024	2328
7440-70-2	Calcium	9700	D	10/19/2024	2328
7440-47-3	Chromium	34	D	10/19/2024	2328
7440-48-4	Cobalt	18	D	10/19/2024	2328
7440-50-8	Copper	35	D*	10/19/2024	2328
7439-89-6	Iron	25000	D	10/19/2024	2328
7439-92-1	Lead	7.2	D	10/19/2024	2328
7439-95-4	Magnesium	6200	D	10/19/2024	2328
7439-96-5	Manganese	610	D	10/19/2024	2328
7440-02-0	Nickel	28	D	10/19/2024	2328
7440-09-7	Potassium	650	JD	10/19/2024	2328
7782-49-2	Selenium	4.8	UD*	10/19/2024	2328
7440-22-4	Silver	1.4	UD	10/19/2024	2328
7440-23-5	Sodium	270	JD	10/19/2024	2328
7440-28-0	Thallium	3.4	UD	10/19/2024	2328
7440-62-2	Vanadium	56	D	10/19/2024	2328
7440-66-6	Zinc	32	D*	10/19/2024	2328

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

Comments:

FORM 1 - IN
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MYDAD0

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAB3

Matrix: SOIL Lab Sample ID: P4301-20

% 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	11000	D	10/19/2024	2332
7440-36-0	Antimony	9.0	UD*	10/19/2024	2332
7440-38-2	Arsenic	11	D*	10/19/2024	2332
7440-39-3	Barium	52	D	10/19/2024	2332
7440-41-7	Beryllium	0.45	JD	10/19/2024	2332
7440-43-9	Cadmium	0.75	UD	10/19/2024	2332
7440-70-2	Calcium	11000	D	10/19/2024	2332
7440-47-3	Chromium	35	D	10/19/2024	2332
7440-48-4	Cobalt	15	D	10/19/2024	2332
7440-50-8	Copper	34	D*	10/19/2024	2332
7439-89-6	Iron	26000	D	10/19/2024	2332
7439-92-1	Lead	7.2	D	10/19/2024	2332
7439-95-4	Magnesium	6100	D	10/19/2024	2332
7439-96-5	Manganese	380	D	10/19/2024	2332
7440-02-0	Nickel	28	D	10/19/2024	2332
7440-09-7	Potassium	890	D	10/19/2024	2332
7782-49-2	Selenium	5.3	UD*	10/19/2024	2332
7440-22-4	Silver	1.5	UD	10/19/2024	2332
7440-23-5	Sodium	380	JD	10/19/2024	2332
7440-28-0	Thallium	3.8	UD	10/19/2024	2332
7440-62-2	Vanadium	59	D	10/19/2024	2332
7440-66-6	Zinc	34	D*	10/19/2024	2332

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

Comments:

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MYDAD1

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAB3

Matrix: SOIL Lab Sample ID: P4301-21

% 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	10000	D	10/19/2024	2337
7440-36-0	Antimony	8.5	UD [†]	10/19/2024	2337
7440-38-2	Arsenic	8.9	D [*]	10/19/2024	2337
7440-39-3	Barium	51	D	10/19/2024	2337
7440-41-7	Beryllium	0.39	JD	10/19/2024	2337
7440-43-9	Cadmium	0.71	UD	10/19/2024	2337
7440-70-2	Calcium	11000	D	10/19/2024	2337
7440-47-3	Chromium	24	D	10/19/2024	2337
7440-48-4	Cobalt	11	D	10/19/2024	2337
7440-50-8	Copper	23	D [*]	10/19/2024	2337
7439-89-6	Iron	22000	D	10/19/2024	2337
7439-92-1	Lead	6.8	D	10/19/2024	2337
7439-95-4	Magnesium	5300	D	10/19/2024	2337
7439-96-5	Manganese	350	D	10/19/2024	2337
7440-02-0	Nickel	22	D	10/19/2024	2337
7440-09-7	Potassium	790	D	10/19/2024	2337
7782-49-2	Selenium	5.0	UD [†]	10/19/2024	2337
7440-22-4	Silver	1.4	UD	10/19/2024	2337
7440-23-5	Sodium	200	JD	10/19/2024	2337
7440-28-0	Thallium	3.6	UD	10/19/2024	2337
7440-62-2	Vanadium	45	D	10/19/2024	2337
7440-66-6	Zinc	33	D [*]	10/19/2024	2337

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

Comments:

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MYDAD2

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAB3

Matrix: SOIL Lab Sample ID: P4301-22

% 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	12000	D	10/19/2024	2341
7440-36-0	Antimony	0.68	JD*	10/19/2024	2341
7440-38-2	Arsenic	13	D*	10/19/2024	2341
7440-39-3	Barium	40	D	10/19/2024	2341
7440-41-7	Beryllium	0.37	JD	10/19/2024	2341
7440-43-9	Cadmium	0.69	UD	10/19/2024	2341
7440-70-2	Calcium	9400	D	10/19/2024	2341
7440-47-3	Chromium	28	D	10/19/2024	2341
7440-48-4	Cobalt	12	D	10/19/2024	2341
7440-50-8	Copper	35	D*	10/19/2024	2341
7439-89-6	Iron	29000	D	10/19/2024	2341
7439-92-1	Lead	7.5	D	10/19/2024	2341
7439-95-4	Magnesium	6900	D	10/19/2024	2341
7439-96-5	Manganese	340	D	10/19/2024	2341
7440-02-0	Nickel	26	D	10/19/2024	2341
7440-09-7	Potassium	610	JD	10/19/2024	2341
7782-49-2	Selenium	4.9	UD*	10/19/2024	2341
7440-22-4	Silver	1.4	UD	10/19/2024	2341
7440-23-5	Sodium	220	JD	10/19/2024	2341
7440-28-0	Thallium	3.5	UD	10/19/2024	2341
7440-62-2	Vanadium	66	D	10/19/2024	2341
7440-66-6	Zinc	35	D*	10/19/2024	2341

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

Comments: