

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAT3

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAT3

Matrix: SOIL Lab Sample ID: P4310-01

% 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	17000	D	10/23/2024	2338
7440-36-0	Antimony	1.4	JD*	10/23/2024	2338
7440-38-2	Arsenic	33	D*	10/23/2024	2338
7440-39-3	Barium	130	D	10/23/2024	2338
7440-41-7	Beryllium	1.2	D	10/23/2024	2338
7440-43-9	Cadmium	0.91	JD	10/23/2024	2338
7440-70-2	Calcium	5500	D	10/23/2024	2338
7440-47-3	Chromium	17	D	10/23/2024	2338
7440-48-4	Cobalt	17	D	10/23/2024	2338
7440-50-8	Copper	30	D	10/23/2024	2338
7439-89-6	Iron	41000	D	10/23/2024	2338
7439-92-1	Lead	21	D*	10/23/2024	2338
7439-95-4	Magnesium	5100	D	10/23/2024	2338
7439-96-5	Manganese	560	D	10/23/2024	2338
7440-02-0	Nickel	17	D	10/23/2024	2338
7440-09-7	Potassium	1800	D	10/23/2024	2338
7782-49-2	Selenium	6.7	UD*	10/23/2024	2338
7440-22-4	Silver	1.9	UD	10/23/2024	2338
7440-23-5	Sodium	960	UD	10/23/2024	2338
7440-28-0	Thallium	4.8	UD	10/23/2024	2338
7440-62-2	Vanadium	81	D	10/23/2024	2338
7440-66-6	Zinc	69	D*	10/23/2024	2338

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

Comments:

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MYDAT4

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAT3

Matrix: SOIL Lab Sample ID: P4310-02

% 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	14000	D	10/23/2024	2342
7440-36-0	Antimony	0.78	JD*	10/23/2024	2342
7440-38-2	Arsenic	31	D*	10/23/2024	2342
7440-39-3	Barium	110	D	10/23/2024	2342
7440-41-7	Beryllium	1.0	D	10/23/2024	2342
7440-43-9	Cadmium	0.80	JD	10/23/2024	2342
7440-70-2	Calcium	6100	D	10/23/2024	2342
7440-47-3	Chromium	16	D	10/23/2024	2342
7440-48-4	Cobalt	14	D	10/23/2024	2342
7440-50-8	Copper	27	D	10/23/2024	2342
7439-89-6	Iron	36000	D	10/23/2024	2342
7439-92-1	Lead	63	D*	10/23/2024	2342
7439-95-4	Magnesium	4700	D	10/23/2024	2342
7439-96-5	Manganese	570	D	10/23/2024	2342
7440-02-0	Nickel	17	D	10/23/2024	2342
7440-09-7	Potassium	2500	D	10/23/2024	2342
7782-49-2	Selenium	5.9	UD*	10/23/2024	2342
7440-22-4	Silver	1.7	UD	10/23/2024	2342
7440-23-5	Sodium	200	JD	10/23/2024	2342
7440-28-0	Thallium	4.2	UD	10/23/2024	2342
7440-62-2	Vanadium	61	D	10/23/2024	2342
7440-66-6	Zinc	82	D*	10/23/2024	2342

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

Comments:

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MYDAT5

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAT3

Matrix: SOIL Lab Sample ID: P4310-03

% 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	14000	D	10/23/2024	2347
7440-36-0	Antimony	1.1	JD*	10/23/2024	2347
7440-38-2	Arsenic	31	D*	10/23/2024	2347
7440-39-3	Barium	140	D	10/23/2024	2347
7440-41-7	Beryllium	1.1	D	10/23/2024	2347
7440-43-9	Cadmium	0.96	D	10/23/2024	2347
7440-70-2	Calcium	5800	D	10/23/2024	2347
7440-47-3	Chromium	19	D	10/23/2024	2347
7440-48-4	Cobalt	19	D	10/23/2024	2347
7440-50-8	Copper	33	D	10/23/2024	2347
7439-89-6	Iron	39000	D	10/23/2024	2347
7439-92-1	Lead	26	D*	10/23/2024	2347
7439-95-4	Magnesium	5700	D	10/23/2024	2347
7439-96-5	Manganese	730	D	10/23/2024	2347
7440-02-0	Nickel	20	D	10/23/2024	2347
7440-09-7	Potassium	2000	D	10/23/2024	2347
7782-49-2	Selenium	5.8	UD*	10/23/2024	2347
7440-22-4	Silver	1.7	UD	10/23/2024	2347
7440-23-5	Sodium	820	UD	10/23/2024	2347
7440-28-0	Thallium	4.1	UD	10/23/2024	2347
7440-62-2	Vanadium	69	D	10/23/2024	2347
7440-66-6	Zinc	93	D*	10/23/2024	2347

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

Comments:

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MYDAT6

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAT3

Matrix: SOIL Lab Sample ID: P4310-06

% 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	18000	D	10/24/2024	0004
7440-36-0	Antimony	6.1	JD*	10/24/2024	0004
7440-38-2	Arsenic	37	D*	10/24/2024	0004
7440-39-3	Barium	130	D	10/24/2024	0004
7440-41-7	Beryllium	1.3	D	10/24/2024	0004
7440-43-9	Cadmium	1.5	D	10/24/2024	0004
7440-70-2	Calcium	9500	D	10/24/2024	0004
7440-47-3	Chromium	33	D	10/24/2024	0004
7440-48-4	Cobalt	22	D	10/24/2024	0004
7440-50-8	Copper	39	D	10/24/2024	0004
7439-89-6	Iron	49000	D	10/24/2024	0004
7439-92-1	Lead	35	D*	10/24/2024	0004
7439-95-4	Magnesium	7200	D	10/24/2024	0004
7439-96-5	Manganese	820	D	10/24/2024	0004
7440-02-0	Nickel	31	D	10/24/2024	0004
7440-09-7	Potassium	2900	D	10/24/2024	0004
7782-49-2	Selenium	6.6	UD*	10/24/2024	0004
7440-22-4	Silver	1.9	UD	10/24/2024	0004
7440-23-5	Sodium	230	JD	10/24/2024	0004
7440-28-0	Thallium	4.7	UD	10/24/2024	0004
7440-62-2	Vanadium	89	D	10/24/2024	0004
7440-66-6	Zinc	130	D*	10/24/2024	0004

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

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MYDAT7

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAT3

Matrix: SOIL Lab Sample ID: P4310-07

% 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	21000	D	10/24/2024	0009
7440-36-0	Antimony	1.1	JD*	10/24/2024	0009
7440-38-2	Arsenic	30	D*	10/24/2024	0009
7440-39-3	Barium	170	D	10/24/2024	0009
7440-41-7	Beryllium	1.2	D	10/24/2024	0009
7440-43-9	Cadmium	0.82	D	10/24/2024	0009
7440-70-2	Calcium	12000	D	10/24/2024	0009
7440-47-3	Chromium	56	D	10/24/2024	0009
7440-48-4	Cobalt	17	D	10/24/2024	0009
7440-50-8	Copper	28	D	10/24/2024	0009
7439-89-6	Iron	37000	D	10/24/2024	0009
7439-92-1	Lead	14	D*	10/24/2024	0009
7439-95-4	Magnesium	6700	D	10/24/2024	0009
7439-96-5	Manganese	540	D	10/24/2024	0009
7440-02-0	Nickel	36	D	10/24/2024	0009
7440-09-7	Potassium	1400	D	10/24/2024	0009
7782-49-2	Selenium	5.5	UD*	10/24/2024	0009
7440-22-4	Silver	1.6	UD	10/24/2024	0009
7440-23-5	Sodium	200	JD	10/24/2024	0009
7440-28-0	Thallium	4.0	UD	10/24/2024	0009
7440-62-2	Vanadium	77	D	10/24/2024	0009
7440-66-6	Zinc	51	D*	10/24/2024	0009

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

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MYDAT8

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAT3

Matrix: SOIL Lab Sample ID: P4310-08

% 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	17000	D	10/24/2024	0013
7440-36-0	Antimony	1.1	JD*	10/24/2024	0013
7440-38-2	Arsenic	22	D*	10/24/2024	0013
7440-39-3	Barium	120	D	10/24/2024	0013
7440-41-7	Beryllium	1.2	D	10/24/2024	0013
7440-43-9	Cadmium	1.1	D	10/24/2024	0013
7440-70-2	Calcium	4900	D	10/24/2024	0013
7440-47-3	Chromium	23	D	10/24/2024	0013
7440-48-4	Cobalt	19	D	10/24/2024	0013
7440-50-8	Copper	29	D	10/24/2024	0013
7439-89-6	Iron	46000	D	10/24/2024	0013
7439-92-1	Lead	24	D*	10/24/2024	0013
7439-95-4	Magnesium	5200	D	10/24/2024	0013
7439-96-5	Manganese	600	D	10/24/2024	0013
7440-02-0	Nickel	19	D	10/24/2024	0013
7440-09-7	Potassium	2200	D	10/24/2024	0013
7782-49-2	Selenium	6.6	UD*	10/24/2024	0013
7440-22-4	Silver	1.9	UD	10/24/2024	0013
7440-23-5	Sodium	200	JD	10/24/2024	0013
7440-28-0	Thallium	4.7	UD	10/24/2024	0013
7440-62-2	Vanadium	100	D	10/24/2024	0013
7440-66-6	Zinc	76	D*	10/24/2024	0013

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

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MYDAT9

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAT3

Matrix: SOIL Lab Sample ID: P4310-09

% 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	11000	D	10/24/2024	0032
7440-36-0	Antimony	1.6	JD*	10/24/2024	0032
7440-38-2	Arsenic	29	D*	10/24/2024	0032
7440-39-3	Barium	97	D	10/24/2024	0032
7440-41-7	Beryllium	0.98	D	10/24/2024	0032
7440-43-9	Cadmium	1.0	D	10/24/2024	0032
7440-70-2	Calcium	4700	D	10/24/2024	0032
7440-47-3	Chromium	21	D	10/24/2024	0032
7440-48-4	Cobalt	18	D	10/24/2024	0032
7440-50-8	Copper	30	D	10/24/2024	0032
7439-89-6	Iron	39000	D	10/24/2024	0032
7439-92-1	Lead	26	D*	10/24/2024	0032
7439-95-4	Magnesium	4400	D	10/24/2024	0032
7439-96-5	Manganese	570	D	10/24/2024	0032
7440-02-0	Nickel	18	D	10/24/2024	0032
7440-09-7	Potassium	2200	D	10/24/2024	0032
7782-49-2	Selenium	5.4	UD*	10/24/2024	0032
7440-22-4	Silver	1.6	UD	10/24/2024	0032
7440-23-5	Sodium	770	UD	10/24/2024	0032
7440-28-0	Thallium	3.9	UD	10/24/2024	0032
7440-62-2	Vanadium	80	D	10/24/2024	0032
7440-66-6	Zinc	80	D*	10/24/2024	0032

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

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MYDAW0

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAT3

Matrix: SOIL Lab Sample ID: P4310-10

% 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	15000	D	10/24/2024	0037
7440-36-0	Antimony	1.2	JD*	10/24/2024	0037
7440-38-2	Arsenic	27	D*	10/24/2024	0037
7440-39-3	Barium	130	D	10/24/2024	0037
7440-41-7	Beryllium	1.2	D	10/24/2024	0037
7440-43-9	Cadmium	1.0	D	10/24/2024	0037
7440-70-2	Calcium	4800	D	10/24/2024	0037
7440-47-3	Chromium	19	D	10/24/2024	0037
7440-48-4	Cobalt	18	D	10/24/2024	0037
7440-50-8	Copper	36	D	10/24/2024	0037
7439-89-6	Iron	41000	D	10/24/2024	0037
7439-92-1	Lead	29	D*	10/24/2024	0037
7439-95-4	Magnesium	4700	D	10/24/2024	0037
7439-96-5	Manganese	680	D	10/24/2024	0037
7440-02-0	Nickel	19	D	10/24/2024	0037
7440-09-7	Potassium	2900	D	10/24/2024	0037
7782-49-2	Selenium	5.4	UD*	10/24/2024	0037
7440-22-4	Silver	1.5	UD	10/24/2024	0037
7440-23-5	Sodium	210	JD	10/24/2024	0037
7440-28-0	Thallium	3.8	UD	10/24/2024	0037
7440-62-2	Vanadium	82	D	10/24/2024	0037
7440-66-6	Zinc	88	D*	10/24/2024	0037

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

Comments:

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MYDAW1

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAT3

Matrix: SOIL Lab Sample ID: P4310-11

% 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	10/24/2024	0041
7440-36-0	Antimony	1.0	JD*	10/24/2024	0041
7440-38-2	Arsenic	33	D*	10/24/2024	0041
7440-39-3	Barium	130	D	10/24/2024	0041
7440-41-7	Beryllium	1.1	D	10/24/2024	0041
7440-43-9	Cadmium	1.0	D	10/24/2024	0041
7440-70-2	Calcium	5100	D	10/24/2024	0041
7440-47-3	Chromium	18	D	10/24/2024	0041
7440-48-4	Cobalt	17	D	10/24/2024	0041
7440-50-8	Copper	36	D	10/24/2024	0041
7439-89-6	Iron	40000	D	10/24/2024	0041
7439-92-1	Lead	35	D*	10/24/2024	0041
7439-95-4	Magnesium	5100	D	10/24/2024	0041
7439-96-5	Manganese	690	D	10/24/2024	0041
7440-02-0	Nickel	17	D	10/24/2024	0041
7440-09-7	Potassium	3500	D	10/24/2024	0041
7782-49-2	Selenium	6.5	UD*	10/24/2024	0041
7440-22-4	Silver	1.9	UD	10/24/2024	0041
7440-23-5	Sodium	180	JD	10/24/2024	0041
7440-28-0	Thallium	4.6	UD	10/24/2024	0041
7440-62-2	Vanadium	79	D	10/24/2024	0041
7440-66-6	Zinc	120	D*	10/24/2024	0041

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

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MYDAW2

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAT3

Matrix: SOIL Lab Sample ID: P4310-12

% 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	13000	D	10/24/2024	0046
7440-36-0	Antimony	0.99	JD*	10/24/2024	0046
7440-38-2	Arsenic	23	D*	10/24/2024	0046
7440-39-3	Barium	110	D	10/24/2024	0046
7440-41-7	Beryllium	0.87	D	10/24/2024	0046
7440-43-9	Cadmium	0.76	D	10/24/2024	0046
7440-70-2	Calcium	4200	D	10/24/2024	0046
7440-47-3	Chromium	13	D	10/24/2024	0046
7440-48-4	Cobalt	13	D	10/24/2024	0046
7440-50-8	Copper	27	D	10/24/2024	0046
7439-89-6	Iron	31000	D	10/24/2024	0046
7439-92-1	Lead	23	D*	10/24/2024	0046
7439-95-4	Magnesium	4300	D	10/24/2024	0046
7439-96-5	Manganese	550	D	10/24/2024	0046
7440-02-0	Nickel	14	D	10/24/2024	0046
7440-09-7	Potassium	2200	D	10/24/2024	0046
7782-49-2	Selenium	4.9	UD*	10/24/2024	0046
7440-22-4	Silver	1.4	UD	10/24/2024	0046
7440-23-5	Sodium	150	JD	10/24/2024	0046
7440-28-0	Thallium	3.5	UD	10/24/2024	0046
7440-62-2	Vanadium	53	D	10/24/2024	0046
7440-66-6	Zinc	77	D*	10/24/2024	0046

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

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MYDAW3

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAT3

Matrix: SOIL Lab Sample ID: P4310-13

% 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	15000	D	10/24/2024	0050
7440-36-0	Antimony	0.83	JD*	10/24/2024	0050
7440-38-2	Arsenic	23	D*	10/24/2024	0050
7440-39-3	Barium	120	D	10/24/2024	0050
7440-41-7	Beryllium	1.1	D	10/24/2024	0050
7440-43-9	Cadmium	0.99	D	10/24/2024	0050
7440-70-2	Calcium	5000	D	10/24/2024	0050
7440-47-3	Chromium	17	D	10/24/2024	0050
7440-48-4	Cobalt	18	D	10/24/2024	0050
7440-50-8	Copper	31	D	10/24/2024	0050
7439-89-6	Iron	41000	D	10/24/2024	0050
7439-92-1	Lead	20	D*	10/24/2024	0050
7439-95-4	Magnesium	5000	D	10/24/2024	0050
7439-96-5	Manganese	540	D	10/24/2024	0050
7440-02-0	Nickel	19	D	10/24/2024	0050
7440-09-7	Potassium	1500	D	10/24/2024	0050
7782-49-2	Selenium	5.0	UD*	10/24/2024	0050
7440-22-4	Silver	1.4	UD	10/24/2024	0050
7440-23-5	Sodium	180	JD	10/24/2024	0050
7440-28-0	Thallium	3.6	UD	10/24/2024	0050
7440-62-2	Vanadium	85	D	10/24/2024	0050
7440-66-6	Zinc	66	D*	10/24/2024	0050

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

Comments:

FORM 1 - IN
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MYDAW4

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAT3

Matrix: SOIL Lab Sample ID: P4310-14

% 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	16000	D	10/24/2024	0054
7440-36-0	Antimony	1.8	JD [†]	10/24/2024	0054
7440-38-2	Arsenic	49	D [*]	10/24/2024	0054
7440-39-3	Barium	140	D	10/24/2024	0054
7440-41-7	Beryllium	1.1	D	10/24/2024	0054
7440-43-9	Cadmium	1.3	D	10/24/2024	0054
7440-70-2	Calcium	5000	D	10/24/2024	0054
7440-47-3	Chromium	18	D	10/24/2024	0054
7440-48-4	Cobalt	20	D	10/24/2024	0054
7440-50-8	Copper	41	D	10/24/2024	0054
7439-89-6	Iron	41000	D	10/24/2024	0054
7439-92-1	Lead	42	D [*]	10/24/2024	0054
7439-95-4	Magnesium	5200	D	10/24/2024	0054
7439-96-5	Manganese	790	D	10/24/2024	0054
7440-02-0	Nickel	19	D	10/24/2024	0054
7440-09-7	Potassium	4300	D	10/24/2024	0054
7782-49-2	Selenium	5.6	UD [†]	10/24/2024	0054
7440-22-4	Silver	1.6	UD	10/24/2024	0054
7440-23-5	Sodium	190	JD	10/24/2024	0054
7440-28-0	Thallium	4.0	UD	10/24/2024	0054
7440-62-2	Vanadium	77	D	10/24/2024	0054
7440-66-6	Zinc	130	D [*]	10/24/2024	0054

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAW5

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAT3

Matrix: SOIL Lab Sample ID: P4310-15

% 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	10/24/2024	0059
7440-36-0	Antimony	0.94	JD*	10/24/2024	0059
7440-38-2	Arsenic	24	D*	10/24/2024	0059
7440-39-3	Barium	100	D	10/24/2024	0059
7440-41-7	Beryllium	0.95	D	10/24/2024	0059
7440-43-9	Cadmium	1.0	D	10/24/2024	0059
7440-70-2	Calcium	11000	D	10/24/2024	0059
7440-47-3	Chromium	54	D	10/24/2024	0059
7440-48-4	Cobalt	24	D	10/24/2024	0059
7440-50-8	Copper	34	D	10/24/2024	0059
7439-89-6	Iron	42000	D	10/24/2024	0059
7439-92-1	Lead	17	D*	10/24/2024	0059
7439-95-4	Magnesium	8100	D	10/24/2024	0059
7439-96-5	Manganese	590	D	10/24/2024	0059
7440-02-0	Nickel	43	D	10/24/2024	0059
7440-09-7	Potassium	1800	D	10/24/2024	0059
7782-49-2	Selenium	5.2	UD*	10/24/2024	0059
7440-22-4	Silver	1.5	UD	10/24/2024	0059
7440-23-5	Sodium	310	JD	10/24/2024	0059
7440-28-0	Thallium	3.7	UD	10/24/2024	0059
7440-62-2	Vanadium	120	D	10/24/2024	0059
7440-66-6	Zinc	64	D*	10/24/2024	0059

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAW6

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAT3

Matrix: SOIL Lab Sample ID: P4310-16

% 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	10/24/2024	0103
7440-36-0	Antimony	1.2	JD*	10/24/2024	0103
7440-38-2	Arsenic	30	D*	10/24/2024	0103
7440-39-3	Barium	110	D	10/24/2024	0103
7440-41-7	Beryllium	1.0	D	10/24/2024	0103
7440-43-9	Cadmium	1.0	D	10/24/2024	0103
7440-70-2	Calcium	4800	D	10/24/2024	0103
7440-47-3	Chromium	16	D	10/24/2024	0103
7440-48-4	Cobalt	18	D	10/24/2024	0103
7440-50-8	Copper	31	D	10/24/2024	0103
7439-89-6	Iron	39000	D	10/24/2024	0103
7439-92-1	Lead	30	D*	10/24/2024	0103
7439-95-4	Magnesium	4400	D	10/24/2024	0103
7439-96-5	Manganese	620	D	10/24/2024	0103
7440-02-0	Nickel	16	D	10/24/2024	0103
7440-09-7	Potassium	3400	D	10/24/2024	0103
7782-49-2	Selenium	6.0	UD*	10/24/2024	0103
7440-22-4	Silver	1.7	UD	10/24/2024	0103
7440-23-5	Sodium	850	UD	10/24/2024	0103
7440-28-0	Thallium	4.3	UD	10/24/2024	0103
7440-62-2	Vanadium	67	D	10/24/2024	0103
7440-66-6	Zinc	110	D*	10/24/2024	0103

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAW7

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAT3

Matrix: SOIL Lab Sample ID: P4310-17

% 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	12000	D	10/24/2024	0108
7440-36-0	Antimony	1.1	JD*	10/24/2024	0108
7440-38-2	Arsenic	27	D*	10/24/2024	0108
7440-39-3	Barium	120	D	10/24/2024	0108
7440-41-7	Beryllium	1.1	D	10/24/2024	0108
7440-43-9	Cadmium	1.1	D	10/24/2024	0108
7440-70-2	Calcium	4300	D	10/24/2024	0108
7440-47-3	Chromium	17	D	10/24/2024	0108
7440-48-4	Cobalt	20	D	10/24/2024	0108
7440-50-8	Copper	35	D	10/24/2024	0108
7439-89-6	Iron	44000	D	10/24/2024	0108
7439-92-1	Lead	27	D*	10/24/2024	0108
7439-95-4	Magnesium	4500	D	10/24/2024	0108
7439-96-5	Manganese	670	D	10/24/2024	0108
7440-02-0	Nickel	18	D	10/24/2024	0108
7440-09-7	Potassium	2900	D	10/24/2024	0108
7782-49-2	Selenium	5.2	UD*	10/24/2024	0108
7440-22-4	Silver	1.5	UD	10/24/2024	0108
7440-23-5	Sodium	180	JD	10/24/2024	0108
7440-28-0	Thallium	3.7	UD	10/24/2024	0108
7440-62-2	Vanadium	100	D	10/24/2024	0108
7440-66-6	Zinc	81	D*	10/24/2024	0108

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAW8

Lab Name: Alliance Technical Group, LLC

Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51772

MA No. : 3226.1 SDG No.: MYDAT3

Matrix: SOIL

Lab Sample ID: P4310-18

% Solids: 97.6

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	14000	D	10/24/2024	0112
7440-36-0	Antimony	9.5	UD [†]	10/24/2024	0112
7440-38-2	Arsenic	49	D*	10/24/2024	0112
7440-39-3	Barium	110	D	10/24/2024	0112
7440-41-7	Beryllium	0.91	D	10/24/2024	0112
7440-43-9	Cadmium	0.93	D	10/24/2024	0112
7440-70-2	Calcium	26000	D	10/24/2024	0112
7440-47-3	Chromium	16	D	10/24/2024	0112
7440-48-4	Cobalt	14	D	10/24/2024	0112
7440-50-8	Copper	32	D	10/24/2024	0112
7439-89-6	Iron	30000	D	10/24/2024	0112
7439-92-1	Lead	28	D*	10/24/2024	0112
7439-95-4	Magnesium	6200	D	10/24/2024	0112
7439-96-5	Manganese	610	D	10/24/2024	0112
7440-02-0	Nickel	20	D	10/24/2024	0112
7440-09-7	Potassium	2800	D	10/24/2024	0112
7782-49-2	Selenium	5.6	UD [†]	10/24/2024	0112
7440-22-4	Silver	1.6	UD	10/24/2024	0112
7440-23-5	Sodium	260	JD	10/24/2024	0112
7440-28-0	Thallium	4.0	UD	10/24/2024	0112
7440-62-2	Vanadium	53	D	10/24/2024	0112
7440-66-6	Zinc	93	D*	10/24/2024	0112

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAW9

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAT3

Matrix: SOIL Lab Sample ID: P4310-19

% 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	16000	D	10/24/2024	0116
7440-36-0	Antimony	3.7	JD [†]	10/24/2024	0116
7440-38-2	Arsenic	28	D [*]	10/24/2024	0116
7440-39-3	Barium	150	D	10/24/2024	0116
7440-41-7	Beryllium	1.2	D	10/24/2024	0116
7440-43-9	Cadmium	1.2	D	10/24/2024	0116
7440-70-2	Calcium	4700	D	10/24/2024	0116
7440-47-3	Chromium	18	D	10/24/2024	0116
7440-48-4	Cobalt	19	D	10/24/2024	0116
7440-50-8	Copper	43	D	10/24/2024	0116
7439-89-6	Iron	40000	D	10/24/2024	0116
7439-92-1	Lead	31	D [*]	10/24/2024	0116
7439-95-4	Magnesium	4900	D	10/24/2024	0116
7439-96-5	Manganese	760	D	10/24/2024	0116
7440-02-0	Nickel	27	D	10/24/2024	0116
7440-09-7	Potassium	3100	D	10/24/2024	0116
7782-49-2	Selenium	5.8	UD [†]	10/24/2024	0116
7440-22-4	Silver	1.7	UD	10/24/2024	0116
7440-23-5	Sodium	830	UD	10/24/2024	0116
7440-28-0	Thallium	4.1	UD	10/24/2024	0116
7440-62-2	Vanadium	78	D	10/24/2024	0116
7440-66-6	Zinc	110	D [*]	10/24/2024	0116

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

Comments:

FORM 1 - IN
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MYDAX0

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAT3
 Matrix: SOIL Lab Sample ID: P4310-20
 % 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	10/24/2024	0121
7440-36-0	Antimony	1.5	JD*	10/24/2024	0121
7440-38-2	Arsenic	30	D*	10/24/2024	0121
7440-39-3	Barium	88	D	10/24/2024	0121
7440-41-7	Beryllium	0.96	D	10/24/2024	0121
7440-43-9	Cadmium	0.90	D	10/24/2024	0121
7440-70-2	Calcium	7600	D	10/24/2024	0121
7440-47-3	Chromium	28	D	10/24/2024	0121
7440-48-4	Cobalt	17	D	10/24/2024	0121
7440-50-8	Copper	29	D	10/24/2024	0121
7439-89-6	Iron	36000	D	10/24/2024	0121
7439-92-1	Lead	30	D*	10/24/2024	0121
7439-95-4	Magnesium	4700	D	10/24/2024	0121
7439-96-5	Manganese	540	D	10/24/2024	0121
7440-02-0	Nickel	23	D	10/24/2024	0121
7440-09-7	Potassium	2400	D	10/24/2024	0121
7782-49-2	Selenium	5.9	UD*	10/24/2024	0121
7440-22-4	Silver	1.7	UD	10/24/2024	0121
7440-23-5	Sodium	180	JD	10/24/2024	0121
7440-28-0	Thallium	4.2	UD	10/24/2024	0121
7440-62-2	Vanadium	74	D	10/24/2024	0121
7440-66-6	Zinc	87	D*	10/24/2024	0121

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

Comments:

FORM 1 - IN
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MYDAX1

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAT3

Matrix: SOIL Lab Sample ID: P4310-21

% Solids: 96.2 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	21000	D	10/24/2024	0125
7440-36-0	Antimony	1.4	JD*	10/24/2024	0125
7440-38-2	Arsenic	32	D*	10/24/2024	0125
7440-39-3	Barium	190	D	10/24/2024	0125
7440-41-7	Beryllium	1.2	D	10/24/2024	0125
7440-43-9	Cadmium	1.1	D	10/24/2024	0125
7440-70-2	Calcium	6300	D	10/24/2024	0125
7440-47-3	Chromium	18	D	10/24/2024	0125
7440-48-4	Cobalt	16	D	10/24/2024	0125
7440-50-8	Copper	46	D	10/24/2024	0125
7439-89-6	Iron	37000	D	10/24/2024	0125
7439-92-1	Lead	24	D*	10/24/2024	0125
7439-95-4	Magnesium	6000	D	10/24/2024	0125
7439-96-5	Manganese	550	D	10/24/2024	0125
7440-02-0	Nickel	22	D	10/24/2024	0125
7440-09-7	Potassium	1800	D	10/24/2024	0125
7782-49-2	Selenium	5.4	UD*	10/24/2024	0125
7440-22-4	Silver	1.5	UD	10/24/2024	0125
7440-23-5	Sodium	150	JD	10/24/2024	0125
7440-28-0	Thallium	3.8	UD	10/24/2024	0125
7440-62-2	Vanadium	63	D	10/24/2024	0125
7440-66-6	Zinc	100	D*	10/24/2024	0125

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAX2

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAT3

Matrix: SOIL Lab Sample ID: P4310-22

% 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	10/24/2024	0130
7440-36-0	Antimony	0.73	JD*	10/24/2024	0130
7440-38-2	Arsenic	10	D*	10/24/2024	0130
7440-39-3	Barium	77	D	10/24/2024	0130
7440-41-7	Beryllium	0.72	JD	10/24/2024	0130
7440-43-9	Cadmium	0.94	D	10/24/2024	0130
7440-70-2	Calcium	24000	D	10/24/2024	0130
7440-47-3	Chromium	130	D	10/24/2024	0130
7440-48-4	Cobalt	30	D	10/24/2024	0130
7440-50-8	Copper	32	D	10/24/2024	0130
7439-89-6	Iron	40000	D	10/24/2024	0130
7439-92-1	Lead	12	D*	10/24/2024	0130
7439-95-4	Magnesium	15000	D	10/24/2024	0130
7439-96-5	Manganese	550	D	10/24/2024	0130
7440-02-0	Nickel	93	D	10/24/2024	0130
7440-09-7	Potassium	1400	D	10/24/2024	0130
7782-49-2	Selenium	5.7	UD*	10/24/2024	0130
7440-22-4	Silver	1.6	UD	10/24/2024	0130
7440-23-5	Sodium	430	JD	10/24/2024	0130
7440-28-0	Thallium	4.1	UD	10/24/2024	0130
7440-62-2	Vanadium	120	D	10/24/2024	0130
7440-66-6	Zinc	53	D*	10/24/2024	0130

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

Comments: