

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAH3

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAH3

Matrix: SOIL Lab Sample ID: P4304-01

% Solids: 97 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	10/19/2024	1626
7440-36-0	Antimony	1.1	JD [†]	10/19/2024	1626
7440-38-2	Arsenic	26	D	10/19/2024	1626
7440-39-3	Barium	150	D	10/19/2024	1626
7440-41-7	Beryllium	0.84	D	10/19/2024	1626
7440-43-9	Cadmium	0.18	JD	10/19/2024	1626
7440-70-2	Calcium	6700	D	10/19/2024	1626
7440-47-3	Chromium	26	D	10/19/2024	1626
7440-48-4	Cobalt	18	D	10/19/2024	1626
7440-50-8	Copper	38	D	10/19/2024	1626
7439-89-6	Iron	38000	D	10/19/2024	1626
7439-92-1	Lead	24	D	10/19/2024	1626
7439-95-4	Magnesium	6800	D	10/19/2024	1626
7439-96-5	Manganese	680	D	10/19/2024	1626
7440-02-0	Nickel	25	D	10/19/2024	1626
7440-09-7	Potassium	2000	D	10/19/2024	1626
7782-49-2	Selenium	5.2	UD [†]	10/19/2024	1626
7440-22-4	Silver	1.5	UD	10/19/2024	1626
7440-23-5	Sodium	150	JD	10/19/2024	1626
7440-28-0	Thallium	3.7	UD	10/19/2024	1626
7440-62-2	Vanadium	67	D	10/19/2024	1626
7440-66-6	Zinc	87	D	10/19/2024	1626

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

Comments:

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MYDAH4

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAH3
 Matrix: SOIL Lab Sample ID: P4304-02
 % 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	10/19/2024	1630
7440-36-0	Antimony	1.4	JD [†]	10/19/2024	1630
7440-38-2	Arsenic	35	D	10/19/2024	1630
7440-39-3	Barium	110	D	10/19/2024	1630
7440-41-7	Beryllium	0.75	D	10/19/2024	1630
7440-43-9	Cadmium	0.51	JD	10/19/2024	1630
7440-70-2	Calcium	3700	D	10/19/2024	1630
7440-47-3	Chromium	15	D	10/19/2024	1630
7440-48-4	Cobalt	15	D	10/19/2024	1630
7440-50-8	Copper	52	D	10/19/2024	1630
7439-89-6	Iron	35000	D	10/19/2024	1630
7439-92-1	Lead	41	D	10/19/2024	1630
7439-95-4	Magnesium	4200	D	10/19/2024	1630
7439-96-5	Manganese	750	D	10/19/2024	1630
7440-02-0	Nickel	17	D	10/19/2024	1630
7440-09-7	Potassium	3100	D	10/19/2024	1630
7782-49-2	Selenium	5.2	UD [†]	10/19/2024	1630
7440-22-4	Silver	1.5	UD	10/19/2024	1630
7440-23-5	Sodium	750	UD	10/19/2024	1630
7440-28-0	Thallium	3.7	UD	10/19/2024	1630
7440-62-2	Vanadium	61	D	10/19/2024	1630
7440-66-6	Zinc	140	D	10/19/2024	1630

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

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MYDAH5

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAH3

Matrix: SOIL Lab Sample ID: P4304-03

% 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	15000	D	10/19/2024	1634
7440-36-0	Antimony	1.1	JD [†]	10/19/2024	1634
7440-38-2	Arsenic	22	D	10/19/2024	1634
7440-39-3	Barium	130	D	10/19/2024	1634
7440-41-7	Beryllium	0.77	D	10/19/2024	1634
7440-43-9	Cadmium	0.089	JD	10/19/2024	1634
7440-70-2	Calcium	5800	D	10/19/2024	1634
7440-47-3	Chromium	23	D	10/19/2024	1634
7440-48-4	Cobalt	17	D	10/19/2024	1634
7440-50-8	Copper	30	D	10/19/2024	1634
7439-89-6	Iron	37000	D	10/19/2024	1634
7439-92-1	Lead	22	D	10/19/2024	1634
7439-95-4	Magnesium	5500	D	10/19/2024	1634
7439-96-5	Manganese	680	D	10/19/2024	1634
7440-02-0	Nickel	22	D	10/19/2024	1634
7440-09-7	Potassium	2200	D	10/19/2024	1634
7782-49-2	Selenium	5.3	UD [†]	10/19/2024	1634
7440-22-4	Silver	1.5	UD	10/19/2024	1634
7440-23-5	Sodium	170	JD	10/19/2024	1634
7440-28-0	Thallium	3.8	UD	10/19/2024	1634
7440-62-2	Vanadium	68	D	10/19/2024	1634
7440-66-6	Zinc	75	D	10/19/2024	1634

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

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MYDAH6

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAH3

Matrix: SOIL Lab Sample ID: P4304-04

% 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	17000	D	10/19/2024	1639
7440-36-0	Antimony	1.3	JD [†]	10/19/2024	1639
7440-38-2	Arsenic	21	D	10/19/2024	1639
7440-39-3	Barium	140	D	10/19/2024	1639
7440-41-7	Beryllium	0.83	D	10/19/2024	1639
7440-43-9	Cadmium	0.13	JD	10/19/2024	1639
7440-70-2	Calcium	5600	D	10/19/2024	1639
7440-47-3	Chromium	24	D	10/19/2024	1639
7440-48-4	Cobalt	18	D	10/19/2024	1639
7440-50-8	Copper	32	D	10/19/2024	1639
7439-89-6	Iron	38000	D	10/19/2024	1639
7439-92-1	Lead	23	D	10/19/2024	1639
7439-95-4	Magnesium	5800	D	10/19/2024	1639
7439-96-5	Manganese	710	D	10/19/2024	1639
7440-02-0	Nickel	22	D	10/19/2024	1639
7440-09-7	Potassium	2400	D	10/19/2024	1639
7782-49-2	Selenium	5.1	UD [†]	10/19/2024	1639
7440-22-4	Silver	1.5	UD	10/19/2024	1639
7440-23-5	Sodium	180	JD	10/19/2024	1639
7440-28-0	Thallium	3.6	UD	10/19/2024	1639
7440-62-2	Vanadium	67	D	10/19/2024	1639
7440-66-6	Zinc	78	D	10/19/2024	1639

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

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MYDAH7

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAH3

Matrix: SOIL Lab Sample ID: P4304-05

% 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	7400	D	10/19/2024	1643
7440-36-0	Antimony	0.94	JD [†]	10/19/2024	1643
7440-38-2	Arsenic	9.3	D	10/19/2024	1643
7440-39-3	Barium	77	D	10/19/2024	1643
7440-41-7	Beryllium	0.50	JD	10/19/2024	1643
7440-43-9	Cadmium	0.74	UD	10/19/2024	1643
7440-70-2	Calcium	8700	D	10/19/2024	1643
7440-47-3	Chromium	10	D	10/19/2024	1643
7440-48-4	Cobalt	11	D	10/19/2024	1643
7440-50-8	Copper	18	D	10/19/2024	1643
7439-89-6	Iron	26000	D	10/19/2024	1643
7439-92-1	Lead	12	D	10/19/2024	1643
7439-95-4	Magnesium	3700	D	10/19/2024	1643
7439-96-5	Manganese	440	D	10/19/2024	1643
7440-02-0	Nickel	14	D	10/19/2024	1643
7440-09-7	Potassium	1300	D	10/19/2024	1643
7782-49-2	Selenium	5.2	UD [†]	10/19/2024	1643
7440-22-4	Silver	1.5	UD	10/19/2024	1643
7440-23-5	Sodium	740	UD	10/19/2024	1643
7440-28-0	Thallium	3.7	UD	10/19/2024	1643
7440-62-2	Vanadium	42	D	10/19/2024	1643
7440-66-6	Zinc	41	D	10/19/2024	1643

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

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MYDAH8

Lab Name: Alliance Technical Group, LLC

Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51772

MA No. : 3226.1 SDG No.: MYDAH3

Matrix: SOIL

Lab Sample ID: P4304-06

% 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	13000	D	10/19/2024	1648
7440-36-0	Antimony	1.3	JD [†]	10/19/2024	1648
7440-38-2	Arsenic	25	D	10/19/2024	1648
7440-39-3	Barium	120	D	10/19/2024	1648
7440-41-7	Beryllium	0.75	JD	10/19/2024	1648
7440-43-9	Cadmium	0.20	JD	10/19/2024	1648
7440-70-2	Calcium	4400	D	10/19/2024	1648
7440-47-3	Chromium	17	D	10/19/2024	1648
7440-48-4	Cobalt	15	D	10/19/2024	1648
7440-50-8	Copper	31	D	10/19/2024	1648
7439-89-6	Iron	36000	D	10/19/2024	1648
7439-92-1	Lead	30	D	10/19/2024	1648
7439-95-4	Magnesium	4600	D	10/19/2024	1648
7439-96-5	Manganese	710	D	10/19/2024	1648
7440-02-0	Nickel	17	D	10/19/2024	1648
7440-09-7	Potassium	3200	D	10/19/2024	1648
7782-49-2	Selenium	5.4	UD [†]	10/19/2024	1648
7440-22-4	Silver	1.6	UD	10/19/2024	1648
7440-23-5	Sodium	770	UD	10/19/2024	1648
7440-28-0	Thallium	3.9	UD	10/19/2024	1648
7440-62-2	Vanadium	67	D	10/19/2024	1648
7440-66-6	Zinc	96	D	10/19/2024	1648

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

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MYDAH9

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAH3

Matrix: SOIL Lab Sample ID: P4304-07

% 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	12000	D	10/19/2024	1652
7440-36-0	Antimony	1.1	JD [†]	10/19/2024	1652
7440-38-2	Arsenic	33	D	10/19/2024	1652
7440-39-3	Barium	110	D	10/19/2024	1652
7440-41-7	Beryllium	0.67	JD	10/19/2024	1652
7440-43-9	Cadmium	0.38	JD	10/19/2024	1652
7440-70-2	Calcium	4600	D	10/19/2024	1652
7440-47-3	Chromium	14	D	10/19/2024	1652
7440-48-4	Cobalt	14	D	10/19/2024	1652
7440-50-8	Copper	37	D	10/19/2024	1652
7439-89-6	Iron	32000	D	10/19/2024	1652
7439-92-1	Lead	37	D	10/19/2024	1652
7439-95-4	Magnesium	4300	D	10/19/2024	1652
7439-96-5	Manganese	650	D	10/19/2024	1652
7440-02-0	Nickel	15	D	10/19/2024	1652
7440-09-7	Potassium	3200	D	10/19/2024	1652
7782-49-2	Selenium	5.7	UD [†]	10/19/2024	1652
7440-22-4	Silver	1.6	UD	10/19/2024	1652
7440-23-5	Sodium	170	JD	10/19/2024	1652
7440-28-0	Thallium	4.1	UD	10/19/2024	1652
7440-62-2	Vanadium	58	D	10/19/2024	1652
7440-66-6	Zinc	130	D	10/19/2024	1652

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

Comments:

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MYDAJ0

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAH3

Matrix: SOIL Lab Sample ID: P4304-14

% Solids: 99.8 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	10/19/2024	1727
7440-36-0	Antimony	1.4	JD [†]	10/19/2024	1727
7440-38-2	Arsenic	60	D	10/19/2024	1727
7440-39-3	Barium	110	D	10/19/2024	1727
7440-41-7	Beryllium	0.69	JD	10/19/2024	1727
7440-43-9	Cadmium	0.58	JD	10/19/2024	1727
7440-70-2	Calcium	4200	D	10/19/2024	1727
7440-47-3	Chromium	16	D	10/19/2024	1727
7440-48-4	Cobalt	13	D	10/19/2024	1727
7440-50-8	Copper	42	D	10/19/2024	1727
7439-89-6	Iron	33000	D	10/19/2024	1727
7439-92-1	Lead	59	D	10/19/2024	1727
7439-95-4	Magnesium	4600	D	10/19/2024	1727
7439-96-5	Manganese	470	D	10/19/2024	1727
7440-02-0	Nickel	17	D	10/19/2024	1727
7440-09-7	Potassium	3300	D	10/19/2024	1727
7782-49-2	Selenium	5.3	UD [†]	10/19/2024	1727
7440-22-4	Silver	1.5	UD	10/19/2024	1727
7440-23-5	Sodium	150	JD	10/19/2024	1727
7440-28-0	Thallium	3.8	UD	10/19/2024	1727
7440-62-2	Vanadium	53	D	10/19/2024	1727
7440-66-6	Zinc	190	D	10/19/2024	1727

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

Comments:

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MYDAJ1

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAH3

Matrix: SOIL Lab Sample ID: P4304-15

% Solids: 99.8 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	10/19/2024	1732
7440-36-0	Antimony	1.3	JD [†]	10/19/2024	1732
7440-38-2	Arsenic	35	D	10/19/2024	1732
7440-39-3	Barium	110	D	10/19/2024	1732
7440-41-7	Beryllium	0.65	JD	10/19/2024	1732
7440-43-9	Cadmium	0.38	JD	10/19/2024	1732
7440-70-2	Calcium	4100	D	10/19/2024	1732
7440-47-3	Chromium	13	D	10/19/2024	1732
7440-48-4	Cobalt	13	D	10/19/2024	1732
7440-50-8	Copper	31	D	10/19/2024	1732
7439-89-6	Iron	30000	D	10/19/2024	1732
7439-92-1	Lead	38	D	10/19/2024	1732
7439-95-4	Magnesium	4500	D	10/19/2024	1732
7439-96-5	Manganese	670	D	10/19/2024	1732
7440-02-0	Nickel	14	D	10/19/2024	1732
7440-09-7	Potassium	3500	D	10/19/2024	1732
7782-49-2	Selenium	4.9	UD [†]	10/19/2024	1732
7440-22-4	Silver	1.4	UD	10/19/2024	1732
7440-23-5	Sodium	140	JD	10/19/2024	1732
7440-28-0	Thallium	3.5	UD	10/19/2024	1732
7440-62-2	Vanadium	49	D	10/19/2024	1732
7440-66-6	Zinc	120	D	10/19/2024	1732

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

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MYDAJ2

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAH3

Matrix: SOIL Lab Sample ID: P4304-16

% 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	18000	D	10/19/2024	1736
7440-36-0	Antimony	0.88	JD [†]	10/19/2024	1736
7440-38-2	Arsenic	9.9	D	10/19/2024	1736
7440-39-3	Barium	140	D	10/19/2024	1736
7440-41-7	Beryllium	0.86	D	10/19/2024	1736
7440-43-9	Cadmium	0.73	UD	10/19/2024	1736
7440-70-2	Calcium	4200	D	10/19/2024	1736
7440-47-3	Chromium	18	D	10/19/2024	1736
7440-48-4	Cobalt	16	D	10/19/2024	1736
7440-50-8	Copper	24	D	10/19/2024	1736
7439-89-6	Iron	36000	D	10/19/2024	1736
7439-92-1	Lead	14	D	10/19/2024	1736
7439-95-4	Magnesium	4900	D	10/19/2024	1736
7439-96-5	Manganese	560	D	10/19/2024	1736
7440-02-0	Nickel	17	D	10/19/2024	1736
7440-09-7	Potassium	1900	D	10/19/2024	1736
7782-49-2	Selenium	5.1	UD [†]	10/19/2024	1736
7440-22-4	Silver	1.5	UD	10/19/2024	1736
7440-23-5	Sodium	160	JD	10/19/2024	1736
7440-28-0	Thallium	3.7	UD	10/19/2024	1736
7440-62-2	Vanadium	68	D	10/19/2024	1736
7440-66-6	Zinc	47	D	10/19/2024	1736

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MYDAJ3

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAH3

Matrix: SOIL Lab Sample ID: P4304-17

% 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	1741
7440-36-0	Antimony	1.4	JD [†]	10/19/2024	1741
7440-38-2	Arsenic	22	D	10/19/2024	1741
7440-39-3	Barium	96	D	10/19/2024	1741
7440-41-7	Beryllium	0.63	JD	10/19/2024	1741
7440-43-9	Cadmium	0.090	JD	10/19/2024	1741
7440-70-2	Calcium	4300	D	10/19/2024	1741
7440-47-3	Chromium	14	D	10/19/2024	1741
7440-48-4	Cobalt	14	D	10/19/2024	1741
7440-50-8	Copper	25	D	10/19/2024	1741
7439-89-6	Iron	33000	D	10/19/2024	1741
7439-92-1	Lead	23	D	10/19/2024	1741
7439-95-4	Magnesium	4300	D	10/19/2024	1741
7439-96-5	Manganese	570	D	10/19/2024	1741
7440-02-0	Nickel	15	D	10/19/2024	1741
7440-09-7	Potassium	2500	D	10/19/2024	1741
7782-49-2	Selenium	4.9	UD [†]	10/19/2024	1741
7440-22-4	Silver	1.4	UD	10/19/2024	1741
7440-23-5	Sodium	140	JD	10/19/2024	1741
7440-28-0	Thallium	3.5	UD	10/19/2024	1741
7440-62-2	Vanadium	61	D	10/19/2024	1741
7440-66-6	Zinc	72	D	10/19/2024	1741

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

Comments:

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MYDAJ4

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAH3

Matrix: SOIL Lab Sample ID: P4304-18

% 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	13000	D	10/19/2024	1745
7440-36-0	Antimony	1.0	JD [†]	10/19/2024	1745
7440-38-2	Arsenic	24	D	10/19/2024	1745
7440-39-3	Barium	120	D	10/19/2024	1745
7440-41-7	Beryllium	0.72	JD	10/19/2024	1745
7440-43-9	Cadmium	0.22	JD	10/19/2024	1745
7440-70-2	Calcium	5100	D	10/19/2024	1745
7440-47-3	Chromium	15	D	10/19/2024	1745
7440-48-4	Cobalt	17	D	10/19/2024	1745
7440-50-8	Copper	43	D	10/19/2024	1745
7439-89-6	Iron	35000	D	10/19/2024	1745
7439-92-1	Lead	29	D	10/19/2024	1745
7439-95-4	Magnesium	4800	D	10/19/2024	1745
7439-96-5	Manganese	600	D	10/19/2024	1745
7440-02-0	Nickel	18	D	10/19/2024	1745
7440-09-7	Potassium	4100	D	10/19/2024	1745
7782-49-2	Selenium	5.5	UD [†]	10/19/2024	1745
7440-22-4	Silver	1.6	UD	10/19/2024	1745
7440-23-5	Sodium	160	JD	10/19/2024	1745
7440-28-0	Thallium	4.0	UD	10/19/2024	1745
7440-62-2	Vanadium	61	D	10/19/2024	1745
7440-66-6	Zinc	100	D	10/19/2024	1745

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAJ6

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAH3

Matrix: SOIL Lab Sample ID: P4304-19

% 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	13000	D	10/19/2024	1750
7440-36-0	Antimony	1.2	JD [†]	10/19/2024	1750
7440-38-2	Arsenic	37	D	10/19/2024	1750
7440-39-3	Barium	120	D	10/19/2024	1750
7440-41-7	Beryllium	0.74	D	10/19/2024	1750
7440-43-9	Cadmium	0.37	JD	10/19/2024	1750
7440-70-2	Calcium	4900	D	10/19/2024	1750
7440-47-3	Chromium	17	D	10/19/2024	1750
7440-48-4	Cobalt	18	D	10/19/2024	1750
7440-50-8	Copper	35	D	10/19/2024	1750
7439-89-6	Iron	37000	D	10/19/2024	1750
7439-92-1	Lead	38	D	10/19/2024	1750
7439-95-4	Magnesium	4800	D	10/19/2024	1750
7439-96-5	Manganese	650	D	10/19/2024	1750
7440-02-0	Nickel	18	D	10/19/2024	1750
7440-09-7	Potassium	3500	D	10/19/2024	1750
7782-49-2	Selenium	5.1	UD [†]	10/19/2024	1750
7440-22-4	Silver	1.5	UD	10/19/2024	1750
7440-23-5	Sodium	150	JD	10/19/2024	1750
7440-28-0	Thallium	3.7	UD	10/19/2024	1750
7440-62-2	Vanadium	68	D	10/19/2024	1750
7440-66-6	Zinc	120	D	10/19/2024	1750

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

Comments:

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MYDAJ7

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAH3

Matrix: SOIL Lab Sample ID: P4304-20

% 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	15000	D	10/19/2024	1803
7440-36-0	Antimony	0.96	JD [†]	10/19/2024	1803
7440-38-2	Arsenic	16	D	10/19/2024	1803
7440-39-3	Barium	150	D	10/19/2024	1803
7440-41-7	Beryllium	0.83	D	10/19/2024	1803
7440-43-9	Cadmium	0.16	JD	10/19/2024	1803
7440-70-2	Calcium	5300	D	10/19/2024	1803
7440-47-3	Chromium	16	D	10/19/2024	1803
7440-48-4	Cobalt	18	D	10/19/2024	1803
7440-50-8	Copper	34	D	10/19/2024	1803
7439-89-6	Iron	39000	D	10/19/2024	1803
7439-92-1	Lead	23	D	10/19/2024	1803
7439-95-4	Magnesium	5600	D	10/19/2024	1803
7439-96-5	Manganese	800	D	10/19/2024	1803
7440-02-0	Nickel	19	D	10/19/2024	1803
7440-09-7	Potassium	3500	D	10/19/2024	1803
7782-49-2	Selenium	5.0	UD [†]	10/19/2024	1803
7440-22-4	Silver	1.4	UD	10/19/2024	1803
7440-23-5	Sodium	180	JD	10/19/2024	1803
7440-28-0	Thallium	3.6	UD	10/19/2024	1803
7440-62-2	Vanadium	68	D	10/19/2024	1803
7440-66-6	Zinc	82	D	10/19/2024	1803

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

Comments:

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MYDAJ8

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAH3

Matrix: SOIL Lab Sample ID: P4304-21

% 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	13000	D	10/19/2024	1807
7440-36-0	Antimony	1.3	JD [†]	10/19/2024	1807
7440-38-2	Arsenic	24	D	10/19/2024	1807
7440-39-3	Barium	130	D	10/19/2024	1807
7440-41-7	Beryllium	0.72	JD	10/19/2024	1807
7440-43-9	Cadmium	0.15	JD	10/19/2024	1807
7440-70-2	Calcium	4600	D	10/19/2024	1807
7440-47-3	Chromium	14	D	10/19/2024	1807
7440-48-4	Cobalt	15	D	10/19/2024	1807
7440-50-8	Copper	30	D	10/19/2024	1807
7439-89-6	Iron	33000	D	10/19/2024	1807
7439-92-1	Lead	24	D	10/19/2024	1807
7439-95-4	Magnesium	4500	D	10/19/2024	1807
7439-96-5	Manganese	730	D	10/19/2024	1807
7440-02-0	Nickel	16	D	10/19/2024	1807
7440-09-7	Potassium	3200	D	10/19/2024	1807
7782-49-2	Selenium	5.5	UD [†]	10/19/2024	1807
7440-22-4	Silver	1.6	UD	10/19/2024	1807
7440-23-5	Sodium	790	UD	10/19/2024	1807
7440-28-0	Thallium	3.9	UD	10/19/2024	1807
7440-62-2	Vanadium	59	D	10/19/2024	1807
7440-66-6	Zinc	81	D	10/19/2024	1807

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

Comments:

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MYDAJ9

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAH3

Matrix: SOIL Lab Sample ID: P4304-22

% 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	15000	D	10/19/2024	1811
7440-36-0	Antimony	1.2	JD [†]	10/19/2024	1811
7440-38-2	Arsenic	20	D	10/19/2024	1811
7440-39-3	Barium	140	D	10/19/2024	1811
7440-41-7	Beryllium	0.76	D	10/19/2024	1811
7440-43-9	Cadmium	0.18	JD	10/19/2024	1811
7440-70-2	Calcium	8000	D	10/19/2024	1811
7440-47-3	Chromium	17	D	10/19/2024	1811
7440-48-4	Cobalt	17	D	10/19/2024	1811
7440-50-8	Copper	32	D	10/19/2024	1811
7439-89-6	Iron	37000	D	10/19/2024	1811
7439-92-1	Lead	24	D	10/19/2024	1811
7439-95-4	Magnesium	5500	D	10/19/2024	1811
7439-96-5	Manganese	700	D	10/19/2024	1811
7440-02-0	Nickel	19	D	10/19/2024	1811
7440-09-7	Potassium	4400	D	10/19/2024	1811
7782-49-2	Selenium	5.1	UD [†]	10/19/2024	1811
7440-22-4	Silver	1.5	UD	10/19/2024	1811
7440-23-5	Sodium	210	JD	10/19/2024	1811
7440-28-0	Thallium	3.6	UD	10/19/2024	1811
7440-62-2	Vanadium	74	D	10/19/2024	1811
7440-66-6	Zinc	83	D	10/19/2024	1811

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

Comments:

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MYDAP2

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAH3

Matrix: SOIL Lab Sample ID: P4304-08

% 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	10/19/2024	1657
7440-36-0	Antimony	1.8	JD [†]	10/19/2024	1657
7440-38-2	Arsenic	90	D	10/19/2024	1657
7440-39-3	Barium	140	D	10/19/2024	1657
7440-41-7	Beryllium	0.74	JD	10/19/2024	1657
7440-43-9	Cadmium	0.92	D	10/19/2024	1657
7440-70-2	Calcium	5200	D	10/19/2024	1657
7440-47-3	Chromium	14	D	10/19/2024	1657
7440-48-4	Cobalt	14	D	10/19/2024	1657
7440-50-8	Copper	50	D	10/19/2024	1657
7439-89-6	Iron	39000	D	10/19/2024	1657
7439-92-1	Lead	87	D	10/19/2024	1657
7439-95-4	Magnesium	4400	D	10/19/2024	1657
7439-96-5	Manganese	790	D	10/19/2024	1657
7440-02-0	Nickel	16	D	10/19/2024	1657
7440-09-7	Potassium	3100	D	10/19/2024	1657
7782-49-2	Selenium	5.5	UD [†]	10/19/2024	1657
7440-22-4	Silver	1.6	UD	10/19/2024	1657
7440-23-5	Sodium	160	JD	10/19/2024	1657
7440-28-0	Thallium	3.9	UD	10/19/2024	1657
7440-62-2	Vanadium	62	D	10/19/2024	1657
7440-66-6	Zinc	250	D	10/19/2024	1657

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

Comments:

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MYDAP3

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAH3

Matrix: SOIL Lab Sample ID: P4304-11

% 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	10/19/2024	1714
7440-36-0	Antimony	1.7	JD [†]	10/19/2024	1714
7440-38-2	Arsenic	96	D	10/19/2024	1714
7440-39-3	Barium	110	D	10/19/2024	1714
7440-41-7	Beryllium	0.81	D	10/19/2024	1714
7440-43-9	Cadmium	0.68	JD	10/19/2024	1714
7440-70-2	Calcium	4700	D	10/19/2024	1714
7440-47-3	Chromium	17	D	10/19/2024	1714
7440-48-4	Cobalt	16	D	10/19/2024	1714
7440-50-8	Copper	45	D	10/19/2024	1714
7439-89-6	Iron	40000	D	10/19/2024	1714
7439-92-1	Lead	89	D	10/19/2024	1714
7439-95-4	Magnesium	4700	D	10/19/2024	1714
7439-96-5	Manganese	680	D	10/19/2024	1714
7440-02-0	Nickel	16	D	10/19/2024	1714
7440-09-7	Potassium	2600	D	10/19/2024	1714
7782-49-2	Selenium	4.9	UD [†]	10/19/2024	1714
7440-22-4	Silver	1.4	UD	10/19/2024	1714
7440-23-5	Sodium	170	JD	10/19/2024	1714
7440-28-0	Thallium	3.5	UD	10/19/2024	1714
7440-62-2	Vanadium	77	D	10/19/2024	1714
7440-66-6	Zinc	190	D	10/19/2024	1714

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

Comments:

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MYDAP4

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAH3

Matrix: SOIL Lab Sample ID: P4304-12

% 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	11000	D	10/19/2024	1719
7440-36-0	Antimony	0.79	JD [†]	10/19/2024	1719
7440-38-2	Arsenic	14	D	10/19/2024	1719
7440-39-3	Barium	110	D	10/19/2024	1719
7440-41-7	Beryllium	0.59	JD	10/19/2024	1719
7440-43-9	Cadmium	0.75	UD	10/19/2024	1719
7440-70-2	Calcium	5100	D	10/19/2024	1719
7440-47-3	Chromium	18	D	10/19/2024	1719
7440-48-4	Cobalt	14	D	10/19/2024	1719
7440-50-8	Copper	26	D	10/19/2024	1719
7439-89-6	Iron	32000	D	10/19/2024	1719
7439-92-1	Lead	18	D	10/19/2024	1719
7439-95-4	Magnesium	4200	D	10/19/2024	1719
7439-96-5	Manganese	460	D	10/19/2024	1719
7440-02-0	Nickel	17	D	10/19/2024	1719
7440-09-7	Potassium	1700	D	10/19/2024	1719
7782-49-2	Selenium	5.3	UD [†]	10/19/2024	1719
7440-22-4	Silver	1.5	UD	10/19/2024	1719
7440-23-5	Sodium	170	JD	10/19/2024	1719
7440-28-0	Thallium	3.8	UD	10/19/2024	1719
7440-62-2	Vanadium	81	D	10/19/2024	1719
7440-66-6	Zinc	57	D	10/19/2024	1719

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

Comments:

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MYDAP5

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAH3

Matrix: SOIL Lab Sample ID: P4304-13

% 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	7300	D	10/19/2024	1723
7440-36-0	Antimony	0.91	JD [†]	10/19/2024	1723
7440-38-2	Arsenic	3.8	D	10/19/2024	1723
7440-39-3	Barium	48	D	10/19/2024	1723
7440-41-7	Beryllium	0.41	JD	10/19/2024	1723
7440-43-9	Cadmium	0.74	UD	10/19/2024	1723
7440-70-2	Calcium	4400	D	10/19/2024	1723
7440-47-3	Chromium	21	D	10/19/2024	1723
7440-48-4	Cobalt	12	D	10/19/2024	1723
7440-50-8	Copper	23	D	10/19/2024	1723
7439-89-6	Iron	27000	D	10/19/2024	1723
7439-92-1	Lead	9.9	D	10/19/2024	1723
7439-95-4	Magnesium	3800	D	10/19/2024	1723
7439-96-5	Manganese	310	D	10/19/2024	1723
7440-02-0	Nickel	17	D	10/19/2024	1723
7440-09-7	Potassium	810	D	10/19/2024	1723
7782-49-2	Selenium	5.2	UD [†]	10/19/2024	1723
7440-22-4	Silver	1.5	UD	10/19/2024	1723
7440-23-5	Sodium	160	JD	10/19/2024	1723
7440-28-0	Thallium	3.7	UD	10/19/2024	1723
7440-62-2	Vanadium	83	D	10/19/2024	1723
7440-66-6	Zinc	33	D	10/19/2024	1723

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

Comments: