

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAQ6

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAQ6

Matrix: SOIL Lab Sample ID: P4309-01

% 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	15000	D	10/25/2024	0343
7440-36-0	Antimony	0.89	JD*	10/25/2024	0343
7440-38-2	Arsenic	38	D	10/25/2024	0343
7440-39-3	Barium	140	D	10/25/2024	0343
7440-41-7	Beryllium	0.98	D	10/25/2024	0343
7440-43-9	Cadmium	1.2	D	10/25/2024	0343
7440-70-2	Calcium	5800	D	10/25/2024	0343
7440-47-3	Chromium	16	D	10/25/2024	0343
7440-48-4	Cobalt	16	D	10/25/2024	0343
7440-50-8	Copper	34	D	10/25/2024	0343
7439-89-6	Iron	37000	D	10/25/2024	0343
7439-92-1	Lead	37	D	10/25/2024	0343
7439-95-4	Magnesium	5000	D	10/25/2024	0343
7439-96-5	Manganese	750	D	10/25/2024	0343
7440-02-0	Nickel	17	D	10/25/2024	0343
7440-09-7	Potassium	3300	D	10/25/2024	0343
7782-49-2	Selenium	6.4	UD*	10/25/2024	0343
7440-22-4	Silver	1.8	UD	10/25/2024	0343
7440-23-5	Sodium	910	UD	10/25/2024	0343
7440-28-0	Thallium	4.5	UD	10/25/2024	0343
7440-62-2	Vanadium	62	D*	10/25/2024	0343
7440-66-6	Zinc	120	D	10/25/2024	0343

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAR4

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAQ6

Matrix: SOIL Lab Sample ID: P4309-04

% 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	17000	D	10/25/2024	0600
7440-36-0	Antimony	11	UD [†]	10/25/2024	0600
7440-38-2	Arsenic	20	D	10/25/2024	0600
7440-39-3	Barium	150	D	10/25/2024	0600
7440-41-7	Beryllium	1.1	D	10/25/2024	0600
7440-43-9	Cadmium	1.3	D	10/25/2024	0600
7440-70-2	Calcium	6100	D	10/25/2024	0600
7440-47-3	Chromium	18	D	10/25/2024	0600
7440-48-4	Cobalt	17	D	10/25/2024	0600
7440-50-8	Copper	33	D	10/25/2024	0600
7439-89-6	Iron	43000	D	10/25/2024	0600
7439-92-1	Lead	19	D	10/25/2024	0600
7439-95-4	Magnesium	5500	D	10/25/2024	0600
7439-96-5	Manganese	620	D	10/25/2024	0600
7440-02-0	Nickel	20	D	10/25/2024	0600
7440-09-7	Potassium	2400	D	10/25/2024	0600
7782-49-2	Selenium	6.2	UD [†]	10/25/2024	0600
7440-22-4	Silver	1.8	UD	10/25/2024	0600
7440-23-5	Sodium	180	JD	10/25/2024	0600
7440-28-0	Thallium	4.4	UD	10/25/2024	0600
7440-62-2	Vanadium	83	D*	10/25/2024	0600
7440-66-6	Zinc	68	D	10/25/2024	0600

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAR5

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAQ6

Matrix: SOIL Lab Sample ID: P4309-05

% 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	10/25/2024	0613
7440-36-0	Antimony	1.8	JD*	10/25/2024	0613
7440-38-2	Arsenic	57	D	10/25/2024	0613
7440-39-3	Barium	120	D	10/25/2024	0613
7440-41-7	Beryllium	1.1	D	10/25/2024	0613
7440-43-9	Cadmium	1.7	D	10/25/2024	0613
7440-70-2	Calcium	6000	D	10/25/2024	0613
7440-47-3	Chromium	17	D	10/25/2024	0613
7440-48-4	Cobalt	20	D	10/25/2024	0613
7440-50-8	Copper	43	D	10/25/2024	0613
7439-89-6	Iron	44000	D	10/25/2024	0613
7439-92-1	Lead	50	D	10/25/2024	0613
7439-95-4	Magnesium	4700	D	10/25/2024	0613
7439-96-5	Manganese	630	D	10/25/2024	0613
7440-02-0	Nickel	18	D	10/25/2024	0613
7440-09-7	Potassium	2800	D	10/25/2024	0613
7782-49-2	Selenium	6.3	UD*	10/25/2024	0613
7440-22-4	Silver	1.8	UD	10/25/2024	0613
7440-23-5	Sodium	180	JD	10/25/2024	0613
7440-28-0	Thallium	4.5	UD	10/25/2024	0613
7440-62-2	Vanadium	84	D*	10/25/2024	0613
7440-66-6	Zinc	140	D	10/25/2024	0613

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAR6

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAQ6

Matrix: SOIL Lab Sample ID: P4309-06

% 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	10/25/2024	0618
7440-36-0	Antimony	2.0	JD [†]	10/25/2024	0618
7440-38-2	Arsenic	25	D	10/25/2024	0618
7440-39-3	Barium	130	D	10/25/2024	0618
7440-41-7	Beryllium	1.1	D	10/25/2024	0618
7440-43-9	Cadmium	1.3	D	10/25/2024	0618
7440-70-2	Calcium	4800	D	10/25/2024	0618
7440-47-3	Chromium	16	D	10/25/2024	0618
7440-48-4	Cobalt	16	D	10/25/2024	0618
7440-50-8	Copper	39	D	10/25/2024	0618
7439-89-6	Iron	40000	D	10/25/2024	0618
7439-92-1	Lead	22	D	10/25/2024	0618
7439-95-4	Magnesium	4700	D	10/25/2024	0618
7439-96-5	Manganese	610	D	10/25/2024	0618
7440-02-0	Nickel	18	D	10/25/2024	0618
7440-09-7	Potassium	2700	D	10/25/2024	0618
7782-49-2	Selenium	6.0	UD [†]	10/25/2024	0618
7440-22-4	Silver	1.7	UD	10/25/2024	0618
7440-23-5	Sodium	170	JD	10/25/2024	0618
7440-28-0	Thallium	4.3	UD	10/25/2024	0618
7440-62-2	Vanadium	77	D*	10/25/2024	0618
7440-66-6	Zinc	72	D	10/25/2024	0618

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAR7

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAQ6

Matrix: SOIL Lab Sample ID: P4309-07

% 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	18000	D	10/25/2024	0622
7440-36-0	Antimony	1.0	JD*	10/25/2024	0622
7440-38-2	Arsenic	30	D	10/25/2024	0622
7440-39-3	Barium	140	D	10/25/2024	0622
7440-41-7	Beryllium	1.2	D	10/25/2024	0622
7440-43-9	Cadmium	1.4	D	10/25/2024	0622
7440-70-2	Calcium	4900	D	10/25/2024	0622
7440-47-3	Chromium	18	D	10/25/2024	0622
7440-48-4	Cobalt	18	D	10/25/2024	0622
7440-50-8	Copper	30	D	10/25/2024	0622
7439-89-6	Iron	42000	D	10/25/2024	0622
7439-92-1	Lead	28	D	10/25/2024	0622
7439-95-4	Magnesium	5000	D	10/25/2024	0622
7439-96-5	Manganese	580	D	10/25/2024	0622
7440-02-0	Nickel	19	D	10/25/2024	0622
7440-09-7	Potassium	2500	D	10/25/2024	0622
7782-49-2	Selenium	5.0	UD*	10/25/2024	0622
7440-22-4	Silver	1.4	UD	10/25/2024	0622
7440-23-5	Sodium	170	JD	10/25/2024	0622
7440-28-0	Thallium	3.6	UD	10/25/2024	0622
7440-62-2	Vanadium	83	D*	10/25/2024	0622
7440-66-6	Zinc	85	D	10/25/2024	0622

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAR8

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAQ6

Matrix: SOIL Lab Sample ID: P4309-08

% 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	16000	D	10/25/2024	0626
7440-36-0	Antimony	0.94	JD*	10/25/2024	0626
7440-38-2	Arsenic	32	D	10/25/2024	0626
7440-39-3	Barium	130	D	10/25/2024	0626
7440-41-7	Beryllium	1.1	D	10/25/2024	0626
7440-43-9	Cadmium	1.6	D	10/25/2024	0626
7440-70-2	Calcium	4900	D	10/25/2024	0626
7440-47-3	Chromium	16	D	10/25/2024	0626
7440-48-4	Cobalt	20	D	10/25/2024	0626
7440-50-8	Copper	36	D	10/25/2024	0626
7439-89-6	Iron	41000	D	10/25/2024	0626
7439-92-1	Lead	30	D	10/25/2024	0626
7439-95-4	Magnesium	4700	D	10/25/2024	0626
7439-96-5	Manganese	640	D	10/25/2024	0626
7440-02-0	Nickel	19	D	10/25/2024	0626
7440-09-7	Potassium	2300	D	10/25/2024	0626
7782-49-2	Selenium	4.9	UD*	10/25/2024	0626
7440-22-4	Silver	1.4	UD	10/25/2024	0626
7440-23-5	Sodium	150	JD	10/25/2024	0626
7440-28-0	Thallium	3.5	UD	10/25/2024	0626
7440-62-2	Vanadium	79	D*	10/25/2024	0626
7440-66-6	Zinc	140	D	10/25/2024	0626

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAR9

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAQ6

Matrix: SOIL Lab Sample ID: P4309-09

% Solids: 98.1 Date Received: 10/04/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	17000	D	10/25/2024	0631
7440-36-0	Antimony	1.1	JD*	10/25/2024	0631
7440-38-2	Arsenic	55	D	10/25/2024	0631
7440-39-3	Barium	140	D	10/25/2024	0631
7440-41-7	Beryllium	1.2	D	10/25/2024	0631
7440-43-9	Cadmium	1.7	D	10/25/2024	0631
7440-70-2	Calcium	4700	D	10/25/2024	0631
7440-47-3	Chromium	14	D	10/25/2024	0631
7440-48-4	Cobalt	22	D	10/25/2024	0631
7440-50-8	Copper	46	D	10/25/2024	0631
7439-89-6	Iron	43000	D	10/25/2024	0631
7439-92-1	Lead	49	D	10/25/2024	0631
7439-95-4	Magnesium	5200	D	10/25/2024	0631
7439-96-5	Manganese	760	D	10/25/2024	0631
7440-02-0	Nickel	18	D	10/25/2024	0631
7440-09-7	Potassium	2100	D	10/25/2024	0631
7782-49-2	Selenium	5.7	UD*	10/25/2024	0631
7440-22-4	Silver	1.6	UD	10/25/2024	0631
7440-23-5	Sodium	220	JD	10/25/2024	0631
7440-28-0	Thallium	4.1	UD	10/25/2024	0631
7440-62-2	Vanadium	78	D*	10/25/2024	0631
7440-66-6	Zinc	150	D	10/25/2024	0631

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAS0

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAQ6

Matrix: SOIL Lab Sample ID: P4309-10

% 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	14000	D	10/25/2024	0635
7440-36-0	Antimony	0.87	JD*	10/25/2024	0635
7440-38-2	Arsenic	20	D	10/25/2024	0635
7440-39-3	Barium	150	D	10/25/2024	0635
7440-41-7	Beryllium	0.99	D	10/25/2024	0635
7440-43-9	Cadmium	1.1	D	10/25/2024	0635
7440-70-2	Calcium	4700	D	10/25/2024	0635
7440-47-3	Chromium	14	D	10/25/2024	0635
7440-48-4	Cobalt	16	D	10/25/2024	0635
7440-50-8	Copper	33	D	10/25/2024	0635
7439-89-6	Iron	38000	D	10/25/2024	0635
7439-92-1	Lead	19	D	10/25/2024	0635
7439-95-4	Magnesium	4700	D	10/25/2024	0635
7439-96-5	Manganese	650	D	10/25/2024	0635
7440-02-0	Nickel	17	D	10/25/2024	0635
7440-09-7	Potassium	2100	D	10/25/2024	0635
7782-49-2	Selenium	6.1	UD*	10/25/2024	0635
7440-22-4	Silver	1.7	UD	10/25/2024	0635
7440-23-5	Sodium	860	UD	10/25/2024	0635
7440-28-0	Thallium	4.3	UD	10/25/2024	0635
7440-62-2	Vanadium	70	D*	10/25/2024	0635
7440-66-6	Zinc	72	D	10/25/2024	0635

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAS1

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAQ6

Matrix: SOIL Lab Sample ID: P4309-11

% 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	22000	D	10/25/2024	0640
7440-36-0	Antimony	0.90	JD*	10/25/2024	0640
7440-38-2	Arsenic	35	D	10/25/2024	0640
7440-39-3	Barium	180	D	10/25/2024	0640
7440-41-7	Beryllium	1.3	D	10/25/2024	0640
7440-43-9	Cadmium	1.3	D	10/25/2024	0640
7440-70-2	Calcium	6400	D	10/25/2024	0640
7440-47-3	Chromium	17	D	10/25/2024	0640
7440-48-4	Cobalt	18	D	10/25/2024	0640
7440-50-8	Copper	42	D	10/25/2024	0640
7439-89-6	Iron	39000	D	10/25/2024	0640
7439-92-1	Lead	26	D	10/25/2024	0640
7439-95-4	Magnesium	6300	D	10/25/2024	0640
7439-96-5	Manganese	500	D	10/25/2024	0640
7440-02-0	Nickel	20	D	10/25/2024	0640
7440-09-7	Potassium	1500	D	10/25/2024	0640
7782-49-2	Selenium	6.2	UD*	10/25/2024	0640
7440-22-4	Silver	1.8	UD	10/25/2024	0640
7440-23-5	Sodium	880	UD	10/25/2024	0640
7440-28-0	Thallium	4.4	UD	10/25/2024	0640
7440-62-2	Vanadium	66	D*	10/25/2024	0640
7440-66-6	Zinc	100	D	10/25/2024	0640

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAS2

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAQ6

Matrix: SOIL Lab Sample ID: P4309-12

% Solids: 95.1 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	21000	D	10/25/2024	0644
7440-36-0	Antimony	11	UD [†]	10/25/2024	0644
7440-38-2	Arsenic	31	D	10/25/2024	0644
7440-39-3	Barium	150	D	10/25/2024	0644
7440-41-7	Beryllium	1.2	D	10/25/2024	0644
7440-43-9	Cadmium	1.3	D	10/25/2024	0644
7440-70-2	Calcium	6900	D	10/25/2024	0644
7440-47-3	Chromium	21	D	10/25/2024	0644
7440-48-4	Cobalt	16	D	10/25/2024	0644
7440-50-8	Copper	34	D	10/25/2024	0644
7439-89-6	Iron	41000	D	10/25/2024	0644
7439-92-1	Lead	29	D	10/25/2024	0644
7439-95-4	Magnesium	6200	D	10/25/2024	0644
7439-96-5	Manganese	550	D	10/25/2024	0644
7440-02-0	Nickel	20	D	10/25/2024	0644
7440-09-7	Potassium	2000	D	10/25/2024	0644
7782-49-2	Selenium	6.6	UD [†]	10/25/2024	0644
7440-22-4	Silver	1.9	UD	10/25/2024	0644
7440-23-5	Sodium	950	UD	10/25/2024	0644
7440-28-0	Thallium	4.7	UD	10/25/2024	0644
7440-62-2	Vanadium	69	D*	10/25/2024	0644
7440-66-6	Zinc	80	D	10/25/2024	0644

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAS3

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAQ6

Matrix: SOIL Lab Sample ID: P4309-13

% Solids: 96.4 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	10/25/2024	0649
7440-36-0	Antimony	1.2	JD*	10/25/2024	0649
7440-38-2	Arsenic	24	D	10/25/2024	0649
7440-39-3	Barium	140	D	10/25/2024	0649
7440-41-7	Beryllium	1.0	D	10/25/2024	0649
7440-43-9	Cadmium	1.2	D	10/25/2024	0649
7440-70-2	Calcium	7500	D	10/25/2024	0649
7440-47-3	Chromium	16	D	10/25/2024	0649
7440-48-4	Cobalt	17	D	10/25/2024	0649
7440-50-8	Copper	32	D	10/25/2024	0649
7439-89-6	Iron	38000	D	10/25/2024	0649
7439-92-1	Lead	19	D	10/25/2024	0649
7439-95-4	Magnesium	6800	D	10/25/2024	0649
7439-96-5	Manganese	590	D	10/25/2024	0649
7440-02-0	Nickel	20	D	10/25/2024	0649
7440-09-7	Potassium	1500	D	10/25/2024	0649
7782-49-2	Selenium	5.3	UD*	10/25/2024	0649
7440-22-4	Silver	1.5	UD	10/25/2024	0649
7440-23-5	Sodium	320	JD	10/25/2024	0649
7440-28-0	Thallium	3.8	UD	10/25/2024	0649
7440-62-2	Vanadium	63	D*	10/25/2024	0649
7440-66-6	Zinc	72	D	10/25/2024	0649

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAS4

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAQ6

Matrix: SOIL Lab Sample ID: P4309-14

% 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	15000	D	10/25/2024	0653
7440-36-0	Antimony	1.7	JD*	10/25/2024	0653
7440-38-2	Arsenic	20	D	10/25/2024	0653
7440-39-3	Barium	43	D	10/25/2024	0653
7440-41-7	Beryllium	0.72	D	10/25/2024	0653
7440-43-9	Cadmium	1.2	D	10/25/2024	0653
7440-70-2	Calcium	22000	D	10/25/2024	0653
7440-47-3	Chromium	43	D	10/25/2024	0653
7440-48-4	Cobalt	28	D	10/25/2024	0653
7440-50-8	Copper	42	D	10/25/2024	0653
7439-89-6	Iron	38000	D	10/25/2024	0653
7439-92-1	Lead	11	D	10/25/2024	0653
7439-95-4	Magnesium	11000	D	10/25/2024	0653
7439-96-5	Manganese	660	D	10/25/2024	0653
7440-02-0	Nickel	37	D	10/25/2024	0653
7440-09-7	Potassium	1000	D	10/25/2024	0653
7782-49-2	Selenium	5.1	UD*	10/25/2024	0653
7440-22-4	Silver	1.4	UD	10/25/2024	0653
7440-23-5	Sodium	230	JD	10/25/2024	0653
7440-28-0	Thallium	3.6	UD	10/25/2024	0653
7440-62-2	Vanadium	81	D*	10/25/2024	0653
7440-66-6	Zinc	59	D	10/25/2024	0653

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAS5

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAQ6

Matrix: SOIL Lab Sample ID: P4309-15

% 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	10/25/2024	0657
7440-36-0	Antimony	0.71	JD*	10/25/2024	0657
7440-38-2	Arsenic	16	D	10/25/2024	0657
7440-39-3	Barium	47	D	10/25/2024	0657
7440-41-7	Beryllium	0.72	D	10/25/2024	0657
7440-43-9	Cadmium	1.2	D	10/25/2024	0657
7440-70-2	Calcium	24000	D	10/25/2024	0657
7440-47-3	Chromium	37	D	10/25/2024	0657
7440-48-4	Cobalt	25	D	10/25/2024	0657
7440-50-8	Copper	56	D	10/25/2024	0657
7439-89-6	Iron	38000	D	10/25/2024	0657
7439-92-1	Lead	10	D	10/25/2024	0657
7439-95-4	Magnesium	11000	D	10/25/2024	0657
7439-96-5	Manganese	680	D	10/25/2024	0657
7440-02-0	Nickel	35	D	10/25/2024	0657
7440-09-7	Potassium	1100	D	10/25/2024	0657
7782-49-2	Selenium	5.0	UD*	10/25/2024	0657
7440-22-4	Silver	1.4	UD	10/25/2024	0657
7440-23-5	Sodium	300	JD	10/25/2024	0657
7440-28-0	Thallium	3.5	UD	10/25/2024	0657
7440-62-2	Vanadium	80	D*	10/25/2024	0657
7440-66-6	Zinc	59	D	10/25/2024	0657

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAS6

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAQ6

Matrix: SOIL Lab Sample ID: P4309-16

% 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	18000	D	10/25/2024	0702
7440-36-0	Antimony	1.5	JD*	10/25/2024	0702
7440-38-2	Arsenic	19	D	10/25/2024	0702
7440-39-3	Barium	140	D	10/25/2024	0702
7440-41-7	Beryllium	1.1	D	10/25/2024	0702
7440-43-9	Cadmium	1.3	D	10/25/2024	0702
7440-70-2	Calcium	5700	D	10/25/2024	0702
7440-47-3	Chromium	16	D	10/25/2024	0702
7440-48-4	Cobalt	18	D	10/25/2024	0702
7440-50-8	Copper	33	D	10/25/2024	0702
7439-89-6	Iron	41000	D	10/25/2024	0702
7439-92-1	Lead	18	D	10/25/2024	0702
7439-95-4	Magnesium	5300	D	10/25/2024	0702
7439-96-5	Manganese	590	D	10/25/2024	0702
7440-02-0	Nickel	19	D	10/25/2024	0702
7440-09-7	Potassium	2400	D	10/25/2024	0702
7782-49-2	Selenium	5.4	UD*	10/25/2024	0702
7440-22-4	Silver	1.5	UD	10/25/2024	0702
7440-23-5	Sodium	200	JD	10/25/2024	0702
7440-28-0	Thallium	3.8	UD	10/25/2024	0702
7440-62-2	Vanadium	78	D*	10/25/2024	0702
7440-66-6	Zinc	68	D	10/25/2024	0702

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAS7

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAQ6

Matrix: SOIL Lab Sample ID: P4309-17

% 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	13000	D	10/25/2024	0706
7440-36-0	Antimony	1.8	JD*	10/25/2024	0706
7440-38-2	Arsenic	46	D	10/25/2024	0706
7440-39-3	Barium	110	D	10/25/2024	0706
7440-41-7	Beryllium	1.0	D	10/25/2024	0706
7440-43-9	Cadmium	1.9	D	10/25/2024	0706
7440-70-2	Calcium	4400	D	10/25/2024	0706
7440-47-3	Chromium	16	D	10/25/2024	0706
7440-48-4	Cobalt	19	D	10/25/2024	0706
7440-50-8	Copper	65	D	10/25/2024	0706
7439-89-6	Iron	41000	D	10/25/2024	0706
7439-92-1	Lead	50	D	10/25/2024	0706
7439-95-4	Magnesium	4300	D	10/25/2024	0706
7439-96-5	Manganese	800	D	10/25/2024	0706
7440-02-0	Nickel	17	D	10/25/2024	0706
7440-09-7	Potassium	2700	D	10/25/2024	0706
7782-49-2	Selenium	5.0	UD*	10/25/2024	0706
7440-22-4	Silver	1.4	UD	10/25/2024	0706
7440-23-5	Sodium	150	JD	10/25/2024	0706
7440-28-0	Thallium	3.6	UD	10/25/2024	0706
7440-62-2	Vanadium	82	D*	10/25/2024	0706
7440-66-6	Zinc	140	D	10/25/2024	0706

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAS8

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAQ6

Matrix: SOIL Lab Sample ID: P4309-18

% Solids: 95.3 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	23000	D	10/25/2024	0710
7440-36-0	Antimony	0.82	JD*	10/25/2024	0710
7440-38-2	Arsenic	24	D	10/25/2024	0710
7440-39-3	Barium	180	D	10/25/2024	0710
7440-41-7	Beryllium	1.2	D	10/25/2024	0710
7440-43-9	Cadmium	1.3	D	10/25/2024	0710
7440-70-2	Calcium	7300	D	10/25/2024	0710
7440-47-3	Chromium	15	D	10/25/2024	0710
7440-48-4	Cobalt	15	D	10/25/2024	0710
7440-50-8	Copper	31	D	10/25/2024	0710
7439-89-6	Iron	38000	D	10/25/2024	0710
7439-92-1	Lead	14	D	10/25/2024	0710
7439-95-4	Magnesium	6100	D	10/25/2024	0710
7439-96-5	Manganese	480	D	10/25/2024	0710
7440-02-0	Nickel	18	D	10/25/2024	0710
7440-09-7	Potassium	1000	D	10/25/2024	0710
7782-49-2	Selenium	4.9	UD*	10/25/2024	0710
7440-22-4	Silver	1.4	UD	10/25/2024	0710
7440-23-5	Sodium	180	JD	10/25/2024	0710
7440-28-0	Thallium	3.5	UD	10/25/2024	0710
7440-62-2	Vanadium	70	D*	10/25/2024	0710
7440-66-6	Zinc	52	D	10/25/2024	0710

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAS9

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAQ6

Matrix: SOIL Lab Sample ID: P4309-19

% 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	16000	D	10/25/2024	0715
7440-36-0	Antimony	0.95	JD*	10/25/2024	0715
7440-38-2	Arsenic	25	D	10/25/2024	0715
7440-39-3	Barium	130	D	10/25/2024	0715
7440-41-7	Beryllium	1.1	D	10/25/2024	0715
7440-43-9	Cadmium	1.4	D	10/25/2024	0715
7440-70-2	Calcium	4700	D	10/25/2024	0715
7440-47-3	Chromium	16	D	10/25/2024	0715
7440-48-4	Cobalt	16	D	10/25/2024	0715
7440-50-8	Copper	42	D	10/25/2024	0715
7439-89-6	Iron	38000	D	10/25/2024	0715
7439-92-1	Lead	23	D	10/25/2024	0715
7439-95-4	Magnesium	4900	D	10/25/2024	0715
7439-96-5	Manganese	600	D	10/25/2024	0715
7440-02-0	Nickel	19	D	10/25/2024	0715
7440-09-7	Potassium	2500	D	10/25/2024	0715
7782-49-2	Selenium	5.7	UD*	10/25/2024	0715
7440-22-4	Silver	1.6	UD	10/25/2024	0715
7440-23-5	Sodium	160	JD	10/25/2024	0715
7440-28-0	Thallium	4.1	UD	10/25/2024	0715
7440-62-2	Vanadium	73	D*	10/25/2024	0715
7440-66-6	Zinc	89	D	10/25/2024	0715

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAT0

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAQ6

Matrix: SOIL Lab Sample ID: P4309-20

% 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	20000	D	10/25/2024	0719
7440-36-0	Antimony	1.2	JD*	10/25/2024	0719
7440-38-2	Arsenic	28	D	10/25/2024	0719
7440-39-3	Barium	170	D	10/25/2024	0719
7440-41-7	Beryllium	1.1	D	10/25/2024	0719
7440-43-9	Cadmium	1.3	D	10/25/2024	0719
7440-70-2	Calcium	7300	D	10/25/2024	0719
7440-47-3	Chromium	20	D	10/25/2024	0719
7440-48-4	Cobalt	17	D	10/25/2024	0719
7440-50-8	Copper	39	D	10/25/2024	0719
7439-89-6	Iron	40000	D	10/25/2024	0719
7439-92-1	Lead	26	D	10/25/2024	0719
7439-95-4	Magnesium	6500	D	10/25/2024	0719
7439-96-5	Manganese	670	D	10/25/2024	0719
7440-02-0	Nickel	21	D	10/25/2024	0719
7440-09-7	Potassium	2300	D	10/25/2024	0719
7782-49-2	Selenium	5.6	UD*	10/25/2024	0719
7440-22-4	Silver	1.6	UD	10/25/2024	0719
7440-23-5	Sodium	210	JD	10/25/2024	0719
7440-28-0	Thallium	4.0	UD	10/25/2024	0719
7440-62-2	Vanadium	71	D*	10/25/2024	0719
7440-66-6	Zinc	88	D	10/25/2024	0719

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAT1

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAQ6

Matrix: SOIL Lab Sample ID: P4309-21

% Solids: 97.1 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	18000	D	10/25/2024	0724
7440-36-0	Antimony	1.1	JD*	10/25/2024	0724
7440-38-2	Arsenic	28	D	10/25/2024	0724
7440-39-3	Barium	140	D	10/25/2024	0724
7440-41-7	Beryllium	1.1	D	10/25/2024	0724
7440-43-9	Cadmium	1.2	D	10/25/2024	0724
7440-70-2	Calcium	6200	D	10/25/2024	0724
7440-47-3	Chromium	16	D	10/25/2024	0724
7440-48-4	Cobalt	17	D	10/25/2024	0724
7440-50-8	Copper	30	D	10/25/2024	0724
7439-89-6	Iron	38000	D	10/25/2024	0724
7439-92-1	Lead	26	D	10/25/2024	0724
7439-95-4	Magnesium	5200	D	10/25/2024	0724
7439-96-5	Manganese	540	D	10/25/2024	0724
7440-02-0	Nickel	18	D	10/25/2024	0724
7440-09-7	Potassium	2100	D	10/25/2024	0724
7782-49-2	Selenium	5.7	UD*	10/25/2024	0724
7440-22-4	Silver	1.6	UD	10/25/2024	0724
7440-23-5	Sodium	810	UD	10/25/2024	0724
7440-28-0	Thallium	4.1	UD	10/25/2024	0724
7440-62-2	Vanadium	73	D*	10/25/2024	0724
7440-66-6	Zinc	81	D	10/25/2024	0724

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAT2

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDAQ6

Matrix: SOIL Lab Sample ID: P4309-22

% Solids: 95.8 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	24000	D	10/25/2024	0728
7440-36-0	Antimony	11	UD [†]	10/25/2024	0728
7440-38-2	Arsenic	25	D	10/25/2024	0728
7440-39-3	Barium	180	D	10/25/2024	0728
7440-41-7	Beryllium	1.4	D	10/25/2024	0728
7440-43-9	Cadmium	1.3	D	10/25/2024	0728
7440-70-2	Calcium	6400	D	10/25/2024	0728
7440-47-3	Chromium	21	D	10/25/2024	0728
7440-48-4	Cobalt	17	D	10/25/2024	0728
7440-50-8	Copper	31	D	10/25/2024	0728
7439-89-6	Iron	43000	D	10/25/2024	0728
7439-92-1	Lead	23	D	10/25/2024	0728
7439-95-4	Magnesium	5900	D	10/25/2024	0728
7439-96-5	Manganese	540	D	10/25/2024	0728
7440-02-0	Nickel	20	D	10/25/2024	0728
7440-09-7	Potassium	1800	D	10/25/2024	0728
7782-49-2	Selenium	6.3	UD [†]	10/25/2024	0728
7440-22-4	Silver	1.8	UD	10/25/2024	0728
7440-23-5	Sodium	220	JD	10/25/2024	0728
7440-28-0	Thallium	4.5	UD	10/25/2024	0728
7440-62-2	Vanadium	82	D*	10/25/2024	0728
7440-66-6	Zinc	76	D	10/25/2024	0728

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

Comments: