

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDA53

Lab Name: Alliance Technical Group, LLC

Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51772

MA No. : 3226.1 SDG No.: MYDA53

Matrix: SOIL

Lab Sample ID: P4297-01

% Solids: 98.7

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	23000	D	10/19/2024	1816
7440-36-0	Antimony	1.6	JD [†]	10/19/2024	1816
7440-38-2	Arsenic	52	D [*]	10/19/2024	1816
7440-39-3	Barium	220	D	10/19/2024	1816
7440-41-7	Beryllium	0.95	D	10/19/2024	1816
7440-43-9	Cadmium	0.38	JD	10/19/2024	1816
7440-70-2	Calcium	3900	D	10/19/2024	1816
7440-47-3	Chromium	78	D	10/19/2024	1816
7440-48-4	Cobalt	38	D	10/19/2024	1816
7440-50-8	Copper	110	D	10/19/2024	1816
7439-89-6	Iron	76000	D	10/19/2024	1816
7439-92-1	Lead	38	D	10/19/2024	1816
7439-95-4	Magnesium	13000	D	10/19/2024	1816
7439-96-5	Manganese	3000	D	10/19/2024	1816
7440-02-0	Nickel	57	D	10/19/2024	1816
7440-09-7	Potassium	6800	D	10/19/2024	1816
7782-49-2	Selenium	6.2	UD [†]	10/19/2024	1816
7440-22-4	Silver	1.8	UD	10/19/2024	1816
7440-23-5	Sodium	280	JD	10/19/2024	1816
7440-28-0	Thallium	4.4	UD	10/19/2024	1816
7440-62-2	Vanadium	160	D	10/19/2024	1816
7440-66-6	Zinc	130	D	10/19/2024	1816

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

Comments:

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MYDA54

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDA53
 Matrix: SOIL Lab Sample ID: P4297-02
 % 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	22000	D	10/19/2024	1820
7440-36-0	Antimony	1.2	JD [†]	10/19/2024	1820
7440-38-2	Arsenic	42	D [*]	10/19/2024	1820
7440-39-3	Barium	220	D	10/19/2024	1820
7440-41-7	Beryllium	1.0	D	10/19/2024	1820
7440-43-9	Cadmium	0.31	JD	10/19/2024	1820
7440-70-2	Calcium	4100	D	10/19/2024	1820
7440-47-3	Chromium	62	D	10/19/2024	1820
7440-48-4	Cobalt	35	D	10/19/2024	1820
7440-50-8	Copper	97	D	10/19/2024	1820
7439-89-6	Iron	66000	D	10/19/2024	1820
7439-92-1	Lead	32	D	10/19/2024	1820
7439-95-4	Magnesium	11000	D	10/19/2024	1820
7439-96-5	Manganese	1600	D	10/19/2024	1820
7440-02-0	Nickel	63	D	10/19/2024	1820
7440-09-7	Potassium	4900	D	10/19/2024	1820
7782-49-2	Selenium	5.6	UD [†]	10/19/2024	1820
7440-22-4	Silver	1.6	UD	10/19/2024	1820
7440-23-5	Sodium	280	JD	10/19/2024	1820
7440-28-0	Thallium	4.0	UD	10/19/2024	1820
7440-62-2	Vanadium	140	D	10/19/2024	1820
7440-66-6	Zinc	96	D	10/19/2024	1820

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

Comments:

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MYDA55

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDA53
 Matrix: SOIL Lab Sample ID: P4297-03
 % Solids: 98.4 Date Received: 10/04/2024
 Analytical Method: ICP_AES
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	12000	D	10/19/2024	1825
7440-36-0	Antimony	1.2	JD [†]	10/19/2024	1825
7440-38-2	Arsenic	27	D [*]	10/19/2024	1825
7440-39-3	Barium	240	D	10/19/2024	1825
7440-41-7	Beryllium	0.68	JD	10/19/2024	1825
7440-43-9	Cadmium	0.27	JD	10/19/2024	1825
7440-70-2	Calcium	2500	D	10/19/2024	1825
7440-47-3	Chromium	39	D	10/19/2024	1825
7440-48-4	Cobalt	23	D	10/19/2024	1825
7440-50-8	Copper	59	D	10/19/2024	1825
7439-89-6	Iron	57000	D	10/19/2024	1825
7439-92-1	Lead	35	D	10/19/2024	1825
7439-95-4	Magnesium	6500	D	10/19/2024	1825
7439-96-5	Manganese	3000	D	10/19/2024	1825
7440-02-0	Nickel	34	D	10/19/2024	1825
7440-09-7	Potassium	2500	D	10/19/2024	1825
7782-49-2	Selenium	5.0	UD [†]	10/19/2024	1825
7440-22-4	Silver	1.4	UD	10/19/2024	1825
7440-23-5	Sodium	250	JD	10/19/2024	1825
7440-28-0	Thallium	3.6	UD	10/19/2024	1825
7440-62-2	Vanadium	110	D	10/19/2024	1825
7440-66-6	Zinc	82	D	10/19/2024	1825

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

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MYDA56

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDA53

Matrix: SOIL Lab Sample ID: P4297-04

% 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	18000	D	10/19/2024	1829
7440-36-0	Antimony	1.5	JD [†]	10/19/2024	1829
7440-38-2	Arsenic	28	D [*]	10/19/2024	1829
7440-39-3	Barium	160	D	10/19/2024	1829
7440-41-7	Beryllium	0.83	D	10/19/2024	1829
7440-43-9	Cadmium	0.064	JD	10/19/2024	1829
7440-70-2	Calcium	4300	D	10/19/2024	1829
7440-47-3	Chromium	55	D	10/19/2024	1829
7440-48-4	Cobalt	26	D	10/19/2024	1829
7440-50-8	Copper	54	D	10/19/2024	1829
7439-89-6	Iron	57000	D	10/19/2024	1829
7439-92-1	Lead	19	D	10/19/2024	1829
7439-95-4	Magnesium	8500	D	10/19/2024	1829
7439-96-5	Manganese	1900	D	10/19/2024	1829
7440-02-0	Nickel	51	D	10/19/2024	1829
7440-09-7	Potassium	2900	D	10/19/2024	1829
7782-49-2	Selenium	4.8	UD [†]	10/19/2024	1829
7440-22-4	Silver	1.4	UD	10/19/2024	1829
7440-23-5	Sodium	220	JD	10/19/2024	1829
7440-28-0	Thallium	3.4	UD	10/19/2024	1829
7440-62-2	Vanadium	110	D	10/19/2024	1829
7440-66-6	Zinc	65	D	10/19/2024	1829

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

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MYDA57

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDA53

Matrix: SOIL Lab Sample ID: P4297-05

% Solids: 96.5 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	22000	D	10/19/2024	1833
7440-36-0	Antimony	1.9	JD [†]	10/19/2024	1833
7440-38-2	Arsenic	46	D [*]	10/19/2024	1833
7440-39-3	Barium	360	D	10/19/2024	1833
7440-41-7	Beryllium	0.98	D	10/19/2024	1833
7440-43-9	Cadmium	0.19	JD	10/19/2024	1833
7440-70-2	Calcium	5800	D	10/19/2024	1833
7440-47-3	Chromium	71	D	10/19/2024	1833
7440-48-4	Cobalt	33	D	10/19/2024	1833
7440-50-8	Copper	70	D	10/19/2024	1833
7439-89-6	Iron	71000	D	10/19/2024	1833
7439-92-1	Lead	32	D	10/19/2024	1833
7439-95-4	Magnesium	11000	D	10/19/2024	1833
7439-96-5	Manganese	4000	D	10/19/2024	1833
7440-02-0	Nickel	60	D	10/19/2024	1833
7440-09-7	Potassium	2000	D	10/19/2024	1833
7782-49-2	Selenium	5.8	UD [†]	10/19/2024	1833
7440-22-4	Silver	1.7	UD	10/19/2024	1833
7440-23-5	Sodium	240	JD	10/19/2024	1833
7440-28-0	Thallium	4.2	UD	10/19/2024	1833
7440-62-2	Vanadium	130	D	10/19/2024	1833
7440-66-6	Zinc	87	D	10/19/2024	1833

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

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MYDA58

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDA53

Matrix: SOIL Lab Sample ID: P4297-06

% 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	16000	D	10/19/2024	1838
7440-36-0	Antimony	1.7	JD [†]	10/19/2024	1838
7440-38-2	Arsenic	45	D [*]	10/19/2024	1838
7440-39-3	Barium	250	D	10/19/2024	1838
7440-41-7	Beryllium	0.73	D	10/19/2024	1838
7440-43-9	Cadmium	0.20	JD	10/19/2024	1838
7440-70-2	Calcium	1800	D	10/19/2024	1838
7440-47-3	Chromium	59	D	10/19/2024	1838
7440-48-4	Cobalt	36	D	10/19/2024	1838
7440-50-8	Copper	80	D	10/19/2024	1838
7439-89-6	Iron	72000	D	10/19/2024	1838
7439-92-1	Lead	28	D	10/19/2024	1838
7439-95-4	Magnesium	10000	D	10/19/2024	1838
7439-96-5	Manganese	4000	D	10/19/2024	1838
7440-02-0	Nickel	46	D	10/19/2024	1838
7440-09-7	Potassium	3800	D	10/19/2024	1838
7782-49-2	Selenium	5.0	UD [†]	10/19/2024	1838
7440-22-4	Silver	1.4	UD	10/19/2024	1838
7440-23-5	Sodium	270	JD	10/19/2024	1838
7440-28-0	Thallium	3.6	UD	10/19/2024	1838
7440-62-2	Vanadium	140	D	10/19/2024	1838
7440-66-6	Zinc	96	D	10/19/2024	1838

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

Comments:

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MYDA59

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDA53

Matrix: SOIL Lab Sample ID: P4297-07

% 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	15000	D	10/19/2024	1842
7440-36-0	Antimony	1.4	JD [†]	10/19/2024	1842
7440-38-2	Arsenic	41	D [*]	10/19/2024	1842
7440-39-3	Barium	190	D	10/19/2024	1842
7440-41-7	Beryllium	0.74	D	10/19/2024	1842
7440-43-9	Cadmium	0.090	JD	10/19/2024	1842
7440-70-2	Calcium	1800	D	10/19/2024	1842
7440-47-3	Chromium	57	D	10/19/2024	1842
7440-48-4	Cobalt	29	D	10/19/2024	1842
7440-50-8	Copper	68	D	10/19/2024	1842
7439-89-6	Iron	70000	D	10/19/2024	1842
7439-92-1	Lead	27	D	10/19/2024	1842
7439-95-4	Magnesium	9400	D	10/19/2024	1842
7439-96-5	Manganese	3000	D	10/19/2024	1842
7440-02-0	Nickel	41	D	10/19/2024	1842
7440-09-7	Potassium	3300	D	10/19/2024	1842
7782-49-2	Selenium	4.9	UD [†]	10/19/2024	1842
7440-22-4	Silver	1.4	UD	10/19/2024	1842
7440-23-5	Sodium	270	JD	10/19/2024	1842
7440-28-0	Thallium	3.5	UD	10/19/2024	1842
7440-62-2	Vanadium	130	D	10/19/2024	1842
7440-66-6	Zinc	87	D	10/19/2024	1842

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

Comments:

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MYDA60

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDA53

Matrix: SOIL Lab Sample ID: P4297-08

% 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	22000	D	10/19/2024	1847
7440-36-0	Antimony	2.5	JD [†]	10/19/2024	1847
7440-38-2	Arsenic	58	D [*]	10/19/2024	1847
7440-39-3	Barium	390	D	10/19/2024	1847
7440-41-7	Beryllium	0.96	D	10/19/2024	1847
7440-43-9	Cadmium	0.28	JD	10/19/2024	1847
7440-70-2	Calcium	3100	D	10/19/2024	1847
7440-47-3	Chromium	82	D	10/19/2024	1847
7440-48-4	Cobalt	55	D	10/19/2024	1847
7440-50-8	Copper	90	D	10/19/2024	1847
7439-89-6	Iron	110000	D	10/19/2024	1847
7439-92-1	Lead	38	D	10/19/2024	1847
7439-95-4	Magnesium	13000	D	10/19/2024	1847
7439-96-5	Manganese	6800	D	10/23/2024	1634
7440-02-0	Nickel	61	D	10/19/2024	1847
7440-09-7	Potassium	4400	D	10/19/2024	1847
7782-49-2	Selenium	6.0	UD [†]	10/19/2024	1847
7440-22-4	Silver	1.7	UD	10/19/2024	1847
7440-23-5	Sodium	340	JD	10/19/2024	1847
7440-28-0	Thallium	4.3	UD	10/19/2024	1847
7440-62-2	Vanadium	190	D	10/19/2024	1847
7440-66-6	Zinc	130	D	10/19/2024	1847

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

Comments:

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MYDA61

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDA53

Matrix: SOIL Lab Sample ID: P4297-09

% 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	27000	D	10/19/2024	1851
7440-36-0	Antimony	2.8	JD [†]	10/19/2024	1851
7440-38-2	Arsenic	81	D [*]	10/19/2024	1851
7440-39-3	Barium	450	D	10/19/2024	1851
7440-41-7	Beryllium	1.5	D	10/19/2024	1851
7440-43-9	Cadmium	0.73	JD	10/19/2024	1851
7440-70-2	Calcium	3600	D	10/19/2024	1851
7440-47-3	Chromium	99	D	10/19/2024	1851
7440-48-4	Cobalt	53	D	10/19/2024	1851
7440-50-8	Copper	140	D	10/19/2024	1851
7439-89-6	Iron	130000	D	10/19/2024	1851
7439-92-1	Lead	48	D	10/19/2024	1851
7439-95-4	Magnesium	15000	D	10/19/2024	1851
7439-96-5	Manganese	4800	D	10/19/2024	1851
7440-02-0	Nickel	79	D	10/19/2024	1851
7440-09-7	Potassium	6700	D	10/19/2024	1851
7782-49-2	Selenium	6.2	UD [†]	10/19/2024	1851
7440-22-4	Silver	1.8	UD	10/19/2024	1851
7440-23-5	Sodium	370	JD	10/19/2024	1851
7440-28-0	Thallium	4.4	UD	10/19/2024	1851
7440-62-2	Vanadium	240	D	10/19/2024	1851
7440-66-6	Zinc	150	D	10/19/2024	1851

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

Comments:

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MYDA62

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDA53

Matrix: SOIL Lab Sample ID: P4297-10

% 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	16000	D	10/19/2024	1855
7440-36-0	Antimony	1.7	JD [†]	10/19/2024	1855
7440-38-2	Arsenic	44	D [*]	10/19/2024	1855
7440-39-3	Barium	160	D	10/19/2024	1855
7440-41-7	Beryllium	0.72	D	10/19/2024	1855
7440-43-9	Cadmium	0.16	JD	10/19/2024	1855
7440-70-2	Calcium	1900	D	10/19/2024	1855
7440-47-3	Chromium	55	D	10/19/2024	1855
7440-48-4	Cobalt	28	D	10/19/2024	1855
7440-50-8	Copper	72	D	10/19/2024	1855
7439-89-6	Iron	61000	D	10/19/2024	1855
7439-92-1	Lead	23	D	10/19/2024	1855
7439-95-4	Magnesium	9600	D	10/19/2024	1855
7439-96-5	Manganese	2300	D	10/19/2024	1855
7440-02-0	Nickel	40	D	10/19/2024	1855
7440-09-7	Potassium	3700	D	10/19/2024	1855
7782-49-2	Selenium	4.8	UD [†]	10/19/2024	1855
7440-22-4	Silver	1.4	UD	10/19/2024	1855
7440-23-5	Sodium	250	JD	10/19/2024	1855
7440-28-0	Thallium	3.5	UD	10/19/2024	1855
7440-62-2	Vanadium	120	D	10/19/2024	1855
7440-66-6	Zinc	83	D	10/19/2024	1855

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MYDA63

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDA53

Matrix: SOIL Lab Sample ID: P4297-11

% 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	16000	D	10/19/2024	1900
7440-36-0	Antimony	1.2	JD [†]	10/19/2024	1900
7440-38-2	Arsenic	39	D [*]	10/19/2024	1900
7440-39-3	Barium	190	D	10/19/2024	1900
7440-41-7	Beryllium	0.74	D	10/19/2024	1900
7440-43-9	Cadmium	0.18	JD	10/19/2024	1900
7440-70-2	Calcium	2800	D	10/19/2024	1900
7440-47-3	Chromium	57	D	10/19/2024	1900
7440-48-4	Cobalt	30	D	10/19/2024	1900
7440-50-8	Copper	80	D	10/19/2024	1900
7439-89-6	Iron	56000	D	10/19/2024	1900
7439-92-1	Lead	26	D	10/19/2024	1900
7439-95-4	Magnesium	8700	D	10/19/2024	1900
7439-96-5	Manganese	2100	D	10/19/2024	1900
7440-02-0	Nickel	44	D	10/19/2024	1900
7440-09-7	Potassium	4100	D	10/19/2024	1900
7782-49-2	Selenium	5.1	UD [†]	10/19/2024	1900
7440-22-4	Silver	1.5	UD	10/19/2024	1900
7440-23-5	Sodium	220	JD	10/19/2024	1900
7440-28-0	Thallium	3.7	UD	10/19/2024	1900
7440-62-2	Vanadium	120	D	10/19/2024	1900
7440-66-6	Zinc	79	D	10/19/2024	1900

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDA64

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDA53

Matrix: SOIL Lab Sample ID: P4297-12

% Solids: 97.9 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	20000	D	10/19/2024	1904
7440-36-0	Antimony	1.6	JD [†]	10/19/2024	1904
7440-38-2	Arsenic	49	D [*]	10/19/2024	1904
7440-39-3	Barium	330	D	10/19/2024	1904
7440-41-7	Beryllium	0.87	JD	10/19/2024	1904
7440-43-9	Cadmium	0.37	JD	10/19/2024	1904
7440-70-2	Calcium	8100	D	10/19/2024	1904
7440-47-3	Chromium	65	D	10/19/2024	1904
7440-48-4	Cobalt	32	D	10/19/2024	1904
7440-50-8	Copper	90	D	10/19/2024	1904
7439-89-6	Iron	69000	D	10/19/2024	1904
7439-92-1	Lead	32	D	10/19/2024	1904
7439-95-4	Magnesium	11000	D	10/19/2024	1904
7439-96-5	Manganese	3600	D	10/19/2024	1904
7440-02-0	Nickel	51	D	10/19/2024	1904
7440-09-7	Potassium	5600	D	10/19/2024	1904
7782-49-2	Selenium	6.7	UD [†]	10/19/2024	1904
7440-22-4	Silver	1.9	UD	10/19/2024	1904
7440-23-5	Sodium	260	JD	10/19/2024	1904
7440-28-0	Thallium	4.8	UD	10/19/2024	1904
7440-62-2	Vanadium	140	D	10/19/2024	1904
7440-66-6	Zinc	140	D	10/19/2024	1904

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDA65

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDA53

Matrix: SOIL Lab Sample ID: P4297-13

% Solids: 98.9 Date Received: 10/04/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	17000	D	10/19/2024	1908
7440-36-0	Antimony	1.6	JD [†]	10/19/2024	1908
7440-38-2	Arsenic	43	D [*]	10/19/2024	1908
7440-39-3	Barium	350	D	10/19/2024	1908
7440-41-7	Beryllium	0.82	D	10/19/2024	1908
7440-43-9	Cadmium	0.36	JD	10/19/2024	1908
7440-70-2	Calcium	8000	D	10/19/2024	1908
7440-47-3	Chromium	58	D	10/19/2024	1908
7440-48-4	Cobalt	32	D	10/19/2024	1908
7440-50-8	Copper	82	D	10/19/2024	1908
7439-89-6	Iron	74000	D	10/19/2024	1908
7439-92-1	Lead	37	D	10/19/2024	1908
7439-95-4	Magnesium	10000	D	10/19/2024	1908
7439-96-5	Manganese	4000	D	10/19/2024	1908
7440-02-0	Nickel	48	D	10/19/2024	1908
7440-09-7	Potassium	4500	D	10/19/2024	1908
7782-49-2	Selenium	5.7	UD [†]	10/19/2024	1908
7440-22-4	Silver	1.6	UD	10/19/2024	1908
7440-23-5	Sodium	320	JD	10/19/2024	1908
7440-28-0	Thallium	4.0	UD	10/19/2024	1908
7440-62-2	Vanadium	150	D	10/19/2024	1908
7440-66-6	Zinc	110	D	10/19/2024	1908

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDA66

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDA53

Matrix: SOIL Lab Sample ID: P4297-14

% 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	19000	D	10/19/2024	1913
7440-36-0	Antimony	1.5	JD [†]	10/19/2024	1913
7440-38-2	Arsenic	41	D [*]	10/19/2024	1913
7440-39-3	Barium	250	D	10/19/2024	1913
7440-41-7	Beryllium	1.0	D	10/19/2024	1913
7440-43-9	Cadmium	0.26	JD	10/19/2024	1913
7440-70-2	Calcium	3700	D	10/19/2024	1913
7440-47-3	Chromium	66	D	10/19/2024	1913
7440-48-4	Cobalt	34	D	10/19/2024	1913
7440-50-8	Copper	69	D	10/19/2024	1913
7439-89-6	Iron	70000	D	10/19/2024	1913
7439-92-1	Lead	24	D	10/19/2024	1913
7439-95-4	Magnesium	9400	D	10/19/2024	1913
7439-96-5	Manganese	2300	D	10/19/2024	1913
7440-02-0	Nickel	57	D	10/19/2024	1913
7440-09-7	Potassium	5200	D	10/19/2024	1913
7782-49-2	Selenium	5.3	UD [†]	10/19/2024	1913
7440-22-4	Silver	1.5	UD	10/19/2024	1913
7440-23-5	Sodium	270	JD	10/19/2024	1913
7440-28-0	Thallium	3.8	UD	10/19/2024	1913
7440-62-2	Vanadium	140	D	10/19/2024	1913
7440-66-6	Zinc	85	D	10/19/2024	1913

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDA67

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDA53

Matrix: SOIL Lab Sample ID: P4297-17

% Solids: 98.9 Date Received: 10/04/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	15000	D	10/19/2024	1939
7440-36-0	Antimony	1.6	JD [†]	10/19/2024	1939
7440-38-2	Arsenic	35	D [*]	10/19/2024	1939
7440-39-3	Barium	210	D	10/19/2024	1939
7440-41-7	Beryllium	0.72	D	10/19/2024	1939
7440-43-9	Cadmium	0.17	JD	10/19/2024	1939
7440-70-2	Calcium	3200	D	10/19/2024	1939
7440-47-3	Chromium	56	D	10/19/2024	1939
7440-48-4	Cobalt	27	D	10/19/2024	1939
7440-50-8	Copper	62	D	10/19/2024	1939
7439-89-6	Iron	65000	D	10/19/2024	1939
7439-92-1	Lead	27	D	10/19/2024	1939
7439-95-4	Magnesium	8800	D	10/19/2024	1939
7439-96-5	Manganese	2700	D	10/19/2024	1939
7440-02-0	Nickel	40	D	10/19/2024	1939
7440-09-7	Potassium	3500	D	10/19/2024	1939
7782-49-2	Selenium	5.0	UD [†]	10/19/2024	1939
7440-22-4	Silver	1.4	UD	10/19/2024	1939
7440-23-5	Sodium	240	JD	10/19/2024	1939
7440-28-0	Thallium	3.6	UD	10/19/2024	1939
7440-62-2	Vanadium	130	D	10/19/2024	1939
7440-66-6	Zinc	90	D	10/19/2024	1939

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDA68

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDA53

Matrix: SOIL Lab Sample ID: P4297-18

% 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	22000	D	10/19/2024	1943
7440-36-0	Antimony	2.4	JD [†]	10/19/2024	1943
7440-38-2	Arsenic	55	D [*]	10/19/2024	1943
7440-39-3	Barium	320	D	10/19/2024	1943
7440-41-7	Beryllium	1.0	D	10/19/2024	1943
7440-43-9	Cadmium	0.45	JD	10/19/2024	1943
7440-70-2	Calcium	3300	D	10/19/2024	1943
7440-47-3	Chromium	100	D	10/19/2024	1943
7440-48-4	Cobalt	41	D	10/19/2024	1943
7440-50-8	Copper	100	D	10/19/2024	1943
7439-89-6	Iron	88000	D	10/19/2024	1943
7439-92-1	Lead	36	D	10/19/2024	1943
7439-95-4	Magnesium	13000	D	10/19/2024	1943
7439-96-5	Manganese	3700	D	10/19/2024	1943
7440-02-0	Nickel	67	D	10/19/2024	1943
7440-09-7	Potassium	5200	D	10/19/2024	1943
7782-49-2	Selenium	5.3	UD [†]	10/19/2024	1943
7440-22-4	Silver	1.5	UD	10/19/2024	1943
7440-23-5	Sodium	330	JD	10/19/2024	1943
7440-28-0	Thallium	3.8	UD	10/19/2024	1943
7440-62-2	Vanadium	180	D	10/19/2024	1943
7440-66-6	Zinc	120	D	10/19/2024	1943

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDA69

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDA53

Matrix: SOIL Lab Sample ID: P4297-19

% 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	10/19/2024	1948
7440-36-0	Antimony	0.75	JD [†]	10/19/2024	1948
7440-38-2	Arsenic	18	D [*]	10/19/2024	1948
7440-39-3	Barium	130	D	10/19/2024	1948
7440-41-7	Beryllium	0.56	JD	10/19/2024	1948
7440-43-9	Cadmium	0.16	JD	10/19/2024	1948
7440-70-2	Calcium	3600	D	10/19/2024	1948
7440-47-3	Chromium	29	D	10/19/2024	1948
7440-48-4	Cobalt	16	D	10/19/2024	1948
7440-50-8	Copper	47	D	10/19/2024	1948
7439-89-6	Iron	37000	D	10/19/2024	1948
7439-92-1	Lead	18	D	10/19/2024	1948
7439-95-4	Magnesium	6300	D	10/19/2024	1948
7439-96-5	Manganese	970	D	10/19/2024	1948
7440-02-0	Nickel	27	D	10/19/2024	1948
7440-09-7	Potassium	3100	D	10/19/2024	1948
7782-49-2	Selenium	5.6	UD [†]	10/19/2024	1948
7440-22-4	Silver	1.6	UD	10/19/2024	1948
7440-23-5	Sodium	800	UD	10/19/2024	1948
7440-28-0	Thallium	4.0	UD	10/19/2024	1948
7440-62-2	Vanadium	72	D	10/19/2024	1948
7440-66-6	Zinc	62	D	10/19/2024	1948

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDA70

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDA53

Matrix: SOIL Lab Sample ID: P4297-20

% 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	15000	D	10/19/2024	1952
7440-36-0	Antimony	1.4	JD [†]	10/19/2024	1952
7440-38-2	Arsenic	42	D [*]	10/19/2024	1952
7440-39-3	Barium	120	D	10/19/2024	1952
7440-41-7	Beryllium	0.64	JD	10/19/2024	1952
7440-43-9	Cadmium	0.074	JD	10/19/2024	1952
7440-70-2	Calcium	4100	D	10/19/2024	1952
7440-47-3	Chromium	46	D	10/19/2024	1952
7440-48-4	Cobalt	22	D	10/19/2024	1952
7440-50-8	Copper	68	D	10/19/2024	1952
7439-89-6	Iron	46000	D	10/19/2024	1952
7439-92-1	Lead	19	D	10/19/2024	1952
7439-95-4	Magnesium	9000	D	10/19/2024	1952
7439-96-5	Manganese	900	D	10/19/2024	1952
7440-02-0	Nickel	34	D	10/19/2024	1952
7440-09-7	Potassium	2800	D	10/19/2024	1952
7782-49-2	Selenium	6.1	UD [†]	10/19/2024	1952
7440-22-4	Silver	1.7	UD	10/19/2024	1952
7440-23-5	Sodium	170	JD	10/19/2024	1952
7440-28-0	Thallium	4.3	UD	10/19/2024	1952
7440-62-2	Vanadium	97	D	10/19/2024	1952
7440-66-6	Zinc	79	D	10/19/2024	1952

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDA71

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDA53

Matrix: SOIL Lab Sample ID: P4297-21

% 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	27000	D	10/19/2024	1957
7440-36-0	Antimony	2.3	JD [†]	10/19/2024	1957
7440-38-2	Arsenic	64	D [*]	10/19/2024	1957
7440-39-3	Barium	300	D	10/19/2024	1957
7440-41-7	Beryllium	1.2	D	10/19/2024	1957
7440-43-9	Cadmium	0.53	JD	10/19/2024	1957
7440-70-2	Calcium	3200	D	10/19/2024	1957
7440-47-3	Chromium	95	D	10/19/2024	1957
7440-48-4	Cobalt	50	D	10/19/2024	1957
7440-50-8	Copper	130	D	10/19/2024	1957
7439-89-6	Iron	110000	D	10/19/2024	1957
7439-92-1	Lead	45	D	10/19/2024	1957
7439-95-4	Magnesium	16000	D	10/19/2024	1957
7439-96-5	Manganese	4000	D	10/19/2024	1957
7440-02-0	Nickel	68	D	10/19/2024	1957
7440-09-7	Potassium	5700	D	10/19/2024	1957
7782-49-2	Selenium	5.7	UD [†]	10/19/2024	1957
7440-22-4	Silver	1.6	UD	10/19/2024	1957
7440-23-5	Sodium	360	JD	10/19/2024	1957
7440-28-0	Thallium	4.1	UD	10/19/2024	1957
7440-62-2	Vanadium	200	D	10/19/2024	1957
7440-66-6	Zinc	140	D	10/19/2024	1957

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDA72

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDA53

Matrix: SOIL Lab Sample ID: P4297-22

% 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	30000	D	10/19/2024	2001
7440-36-0	Antimony	1.3	JD [†]	10/19/2024	2001
7440-38-2	Arsenic	71	D [*]	10/19/2024	2001
7440-39-3	Barium	79	D	10/19/2024	2001
7440-41-7	Beryllium	0.69	JD	10/19/2024	2001
7440-43-9	Cadmium	0.16	JD	10/19/2024	2001
7440-70-2	Calcium	1400	D	10/19/2024	2001
7440-47-3	Chromium	93	D	10/19/2024	2001
7440-48-4	Cobalt	39	D	10/19/2024	2001
7440-50-8	Copper	100	D	10/19/2024	2001
7439-89-6	Iron	70000	D	10/19/2024	2001
7439-92-1	Lead	21	D	10/19/2024	2001
7439-95-4	Magnesium	23000	D	10/19/2024	2001
7439-96-5	Manganese	1200	D	10/19/2024	2001
7440-02-0	Nickel	67	D	10/19/2024	2001
7440-09-7	Potassium	1900	D	10/19/2024	2001
7782-49-2	Selenium	5.2	UD [†]	10/19/2024	2001
7440-22-4	Silver	1.5	UD	10/19/2024	2001
7440-23-5	Sodium	180	JD	10/19/2024	2001
7440-28-0	Thallium	3.7	UD	10/19/2024	2001
7440-62-2	Vanadium	200	D	10/19/2024	2001
7440-66-6	Zinc	94	D	10/19/2024	2001

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

Comments: