

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYD0W8

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0W8

Matrix: SOIL Lab Sample ID: P4296-01

% Solids: 95.7 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	29000	D	10/24/2024	0605
7440-36-0	Antimony	1.0	JD*	10/24/2024	0605
7440-38-2	Arsenic	50	D*	10/24/2024	0605
7440-39-3	Barium	62	D*	10/24/2024	0605
7440-41-7	Beryllium	1.3	D	10/24/2024	0605
7440-43-9	Cadmium	1.6	D	10/24/2024	0605
7440-70-2	Calcium	3300	D*	10/24/2024	0605
7440-47-3	Chromium	51	D*	10/24/2024	0605
7440-48-4	Cobalt	32	D	10/24/2024	0605
7440-50-8	Copper	56	D*	10/24/2024	0605
7439-89-6	Iron	70000	D	10/24/2024	0605
7439-92-1	Lead	13	D*	10/24/2024	0605
7439-95-4	Magnesium	16000	D*	10/24/2024	0605
7439-96-5	Manganese	990	D*	10/24/2024	0605
7440-02-0	Nickel	43	D*	10/24/2024	0605
7440-09-7	Potassium	590	JD	10/24/2024	0605
7782-49-2	Selenium	6.1	UD*	10/24/2024	0605
7440-22-4	Silver	1.7	UD	10/24/2024	0605
7440-23-5	Sodium	250	JD	10/24/2024	0605
7440-28-0	Thallium	4.3	UD	10/24/2024	0605
7440-62-2	Vanadium	170	D*	10/24/2024	0605
7440-66-6	Zinc	75	D*	10/24/2024	0605

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

Comments:

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MYD0W9

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0W8

Matrix: SOIL Lab Sample ID: P4296-02

% Solids: 95.2 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	20000	D	10/24/2024	0609
7440-36-0	Antimony	0.81	JD*	10/24/2024	0609
7440-38-2	Arsenic	36	D*	10/24/2024	0609
7440-39-3	Barium	45	D*	10/24/2024	0609
7440-41-7	Beryllium	0.90	D	10/24/2024	0609
7440-43-9	Cadmium	0.99	D	10/24/2024	0609
7440-70-2	Calcium	2000	D*	10/24/2024	0609
7440-47-3	Chromium	29	D*	10/24/2024	0609
7440-48-4	Cobalt	22	D	10/24/2024	0609
7440-50-8	Copper	34	D*	10/24/2024	0609
7439-89-6	Iron	48000	D	10/24/2024	0609
7439-92-1	Lead	8.8	D*	10/24/2024	0609
7439-95-4	Magnesium	11000	D*	10/24/2024	0609
7439-96-5	Manganese	830	D*	10/24/2024	0609
7440-02-0	Nickel	28	D*	10/24/2024	0609
7440-09-7	Potassium	480	JD	10/24/2024	0609
7782-49-2	Selenium	5.4	UD*	10/24/2024	0609
7440-22-4	Silver	1.5	UD	10/24/2024	0609
7440-23-5	Sodium	180	JD	10/24/2024	0609
7440-28-0	Thallium	3.8	UD	10/24/2024	0609
7440-62-2	Vanadium	130	D*	10/24/2024	0609
7440-66-6	Zinc	53	D*	10/24/2024	0609

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

Comments:

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MYD0X0

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0W8

Matrix: SOIL Lab Sample ID: P4296-03

% Solids: 95.5 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	10/24/2024	0614
7440-36-0	Antimony	0.98	JD*	10/24/2024	0614
7440-38-2	Arsenic	54	D*	10/24/2024	0614
7440-39-3	Barium	51	D*	10/24/2024	0614
7440-41-7	Beryllium	1.4	D	10/24/2024	0614
7440-43-9	Cadmium	1.8	D	10/24/2024	0614
7440-70-2	Calcium	2900	D*	10/24/2024	0614
7440-47-3	Chromium	35	D*	10/24/2024	0614
7440-48-4	Cobalt	30	D	10/24/2024	0614
7440-50-8	Copper	40	D*	10/24/2024	0614
7439-89-6	Iron	71000	D	10/24/2024	0614
7439-92-1	Lead	12	D*	10/24/2024	0614
7439-95-4	Magnesium	14000	D*	10/24/2024	0614
7439-96-5	Manganese	1100	D*	10/24/2024	0614
7440-02-0	Nickel	34	D*	10/24/2024	0614
7440-09-7	Potassium	570	JD	10/24/2024	0614
7782-49-2	Selenium	5.1	UD*	10/24/2024	0614
7440-22-4	Silver	1.5	UD	10/24/2024	0614
7440-23-5	Sodium	250	JD	10/24/2024	0614
7440-28-0	Thallium	3.6	UD	10/24/2024	0614
7440-62-2	Vanadium	150	D*	10/24/2024	0614
7440-66-6	Zinc	83	D*	10/24/2024	0614

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

Comments:

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MYD0Y2

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0W8

Matrix: SOIL Lab Sample ID: P4296-04

% 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	10/24/2024	0618
7440-36-0	Antimony	1.7	JD*	10/24/2024	0618
7440-38-2	Arsenic	56	D*	10/24/2024	0618
7440-39-3	Barium	270	D*	10/24/2024	0618
7440-41-7	Beryllium	1.2	D	10/24/2024	0618
7440-43-9	Cadmium	1.9	D	10/24/2024	0618
7440-70-2	Calcium	1200	D*	10/24/2024	0618
7440-47-3	Chromium	49	D*	10/24/2024	0618
7440-48-4	Cobalt	32	D	10/24/2024	0618
7440-50-8	Copper	84	D*	10/24/2024	0618
7439-89-6	Iron	80000	D	10/24/2024	0618
7439-92-1	Lead	32	D*	10/24/2024	0618
7439-95-4	Magnesium	9100	D*	10/24/2024	0618
7439-96-5	Manganese	3800	D*	10/24/2024	0618
7440-02-0	Nickel	37	D*	10/24/2024	0618
7440-09-7	Potassium	1700	D	10/24/2024	0618
7782-49-2	Selenium	5.3	UD*	10/24/2024	0618
7440-22-4	Silver	1.5	UD	10/24/2024	0618
7440-23-5	Sodium	310	JD	10/24/2024	0618
7440-28-0	Thallium	3.8	UD	10/24/2024	0618
7440-62-2	Vanadium	130	D*	10/24/2024	0618
7440-66-6	Zinc	100	D*	10/24/2024	0618

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

Comments:

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MYD0Y3

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0W8

Matrix: SOIL Lab Sample ID: P4296-05

% Solids: 96.1 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	29000	D	10/24/2024	0622
7440-36-0	Antimony	2.2	JD*	10/24/2024	0622
7440-38-2	Arsenic	92	D*	10/24/2024	0622
7440-39-3	Barium	190	D*	10/24/2024	0622
7440-41-7	Beryllium	1.5	D	10/24/2024	0622
7440-43-9	Cadmium	2.1	D	10/24/2024	0622
7440-70-2	Calcium	5200	D*	10/24/2024	0622
7440-47-3	Chromium	92	D*	10/24/2024	0622
7440-48-4	Cobalt	54	D	10/24/2024	0622
7440-50-8	Copper	140	D*	10/24/2024	0622
7439-89-6	Iron	96000	D	10/24/2024	0622
7439-92-1	Lead	32	D*	10/24/2024	0622
7439-95-4	Magnesium	16000	D*	10/24/2024	0622
7439-96-5	Manganese	3200	D*	10/24/2024	0622
7440-02-0	Nickel	66	D*	10/24/2024	0622
7440-09-7	Potassium	630	JD	10/24/2024	0622
7782-49-2	Selenium	6.9	UD*	10/24/2024	0622
7440-22-4	Silver	2.0	UD	10/24/2024	0622
7440-23-5	Sodium	420	JD	10/24/2024	0622
7440-28-0	Thallium	5.0	UD	10/24/2024	0622
7440-62-2	Vanadium	190	D*	10/24/2024	0622
7440-66-6	Zinc	100	D*	10/24/2024	0622

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

Comments:

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MYD0Y4

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0W8

Matrix: SOIL Lab Sample ID: P4296-06

% 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	26000	D	10/24/2024	0627
7440-36-0	Antimony	2.0	JD*	10/24/2024	0627
7440-38-2	Arsenic	56	D*	10/24/2024	0627
7440-39-3	Barium	47	D*	10/24/2024	0627
7440-41-7	Beryllium	1.1	D	10/24/2024	0627
7440-43-9	Cadmium	1.3	D	10/24/2024	0627
7440-70-2	Calcium	6400	D*	10/24/2024	0627
7440-47-3	Chromium	110	D*	10/24/2024	0627
7440-48-4	Cobalt	53	D	10/24/2024	0627
7440-50-8	Copper	140	D*	10/24/2024	0627
7439-89-6	Iron	66000	D	10/24/2024	0627
7439-92-1	Lead	10	D*	10/24/2024	0627
7439-95-4	Magnesium	16000	D*	10/24/2024	0627
7439-96-5	Manganese	1100	D*	10/24/2024	0627
7440-02-0	Nickel	70	D*	10/24/2024	0627
7440-09-7	Potassium	150	JD	10/24/2024	0627
7782-49-2	Selenium	6.2	UD*	10/24/2024	0627
7440-22-4	Silver	1.8	UD	10/24/2024	0627
7440-23-5	Sodium	380	JD	10/24/2024	0627
7440-28-0	Thallium	4.4	UD	10/24/2024	0627
7440-62-2	Vanadium	160	D*	10/24/2024	0627
7440-66-6	Zinc	71	D*	10/24/2024	0627

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

Comments:

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MYD0Y5

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0W8

Matrix: SOIL Lab Sample ID: P4296-07

% Solids: 95 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	10/24/2024	0631
7440-36-0	Antimony	2.0	JD*	10/24/2024	0631
7440-38-2	Arsenic	75	D*	10/24/2024	0631
7440-39-3	Barium	95	D*	10/24/2024	0631
7440-41-7	Beryllium	1.3	D	10/24/2024	0631
7440-43-9	Cadmium	1.6	D	10/24/2024	0631
7440-70-2	Calcium	6500	D*	10/24/2024	0631
7440-47-3	Chromium	100	D*	10/24/2024	0631
7440-48-4	Cobalt	51	D	10/24/2024	0631
7440-50-8	Copper	140	D*	10/24/2024	0631
7439-89-6	Iron	79000	D	10/24/2024	0631
7439-92-1	Lead	15	D*	10/24/2024	0631
7439-95-4	Magnesium	17000	D*	10/24/2024	0631
7439-96-5	Manganese	2300	D*	10/24/2024	0631
7440-02-0	Nickel	70	D*	10/24/2024	0631
7440-09-7	Potassium	250	JD	10/24/2024	0631
7782-49-2	Selenium	6.0	UD*	10/24/2024	0631
7440-22-4	Silver	1.7	UD	10/24/2024	0631
7440-23-5	Sodium	420	JD	10/24/2024	0631
7440-28-0	Thallium	4.3	UD	10/24/2024	0631
7440-62-2	Vanadium	190	D*	10/24/2024	0631
7440-66-6	Zinc	86	D*	10/24/2024	0631

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

Comments:

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MYD0Y9

Lab Name: Alliance Technical Group, LLC

Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51772

MA No. : 3226.1 SDG No.: MYD0W8

Matrix: SOIL

Lab Sample ID: P4296-10

% 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	13000	D	10/24/2024	0649
7440-36-0	Antimony	1.6	JD*	10/24/2024	0649
7440-38-2	Arsenic	70	D*	10/24/2024	0649
7440-39-3	Barium	250	D*	10/24/2024	0649
7440-41-7	Beryllium	1.2	D	10/24/2024	0649
7440-43-9	Cadmium	1.9	D	10/24/2024	0649
7440-70-2	Calcium	3000	D*	10/24/2024	0649
7440-47-3	Chromium	26	D*	10/24/2024	0649
7440-48-4	Cobalt	32	D	10/24/2024	0649
7440-50-8	Copper	91	D*	10/24/2024	0649
7439-89-6	Iron	67000	D	10/24/2024	0649
7439-92-1	Lead	32	D*	10/24/2024	0649
7439-95-4	Magnesium	4300	D*	10/24/2024	0649
7439-96-5	Manganese	4300	D*	10/24/2024	0649
7440-02-0	Nickel	47	D*	10/24/2024	0649
7440-09-7	Potassium	2500	D	10/24/2024	0649
7782-49-2	Selenium	6.2	UD*	10/24/2024	0649
7440-22-4	Silver	1.8	UD	10/24/2024	0649
7440-23-5	Sodium	240	JD	10/24/2024	0649
7440-28-0	Thallium	4.4	UD	10/24/2024	0649
7440-62-2	Vanadium	73	D*	10/24/2024	0649
7440-66-6	Zinc	120	D*	10/24/2024	0649

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

Comments:

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EPA SAMPLE NO.

MYD0Z0

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0W8
 Matrix: SOIL Lab Sample ID: P4296-11
 % Solids: 95.5 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	14000	D	10/24/2024	0702
7440-36-0	Antimony	1.6	JD*	10/24/2024	0702
7440-38-2	Arsenic	87	D*	10/24/2024	0702
7440-39-3	Barium	240	D*	10/24/2024	0702
7440-41-7	Beryllium	1.3	D	10/24/2024	0702
7440-43-9	Cadmium	1.5	D	10/24/2024	0702
7440-70-2	Calcium	2800	D*	10/24/2024	0702
7440-47-3	Chromium	26	D*	10/24/2024	0702
7440-48-4	Cobalt	32	D	10/24/2024	0702
7440-50-8	Copper	76	D*	10/24/2024	0702
7439-89-6	Iron	68000	D	10/24/2024	0702
7439-92-1	Lead	51	D*	10/24/2024	0702
7439-95-4	Magnesium	3800	D*	10/24/2024	0702
7439-96-5	Manganese	4300	D*	10/24/2024	0702
7440-02-0	Nickel	46	D*	10/24/2024	0702
7440-09-7	Potassium	1700	D	10/24/2024	0702
7782-49-2	Selenium	6.7	UD*	10/24/2024	0702
7440-22-4	Silver	1.9	UD	10/24/2024	0702
7440-23-5	Sodium	280	JD	10/24/2024	0702
7440-28-0	Thallium	4.8	UD	10/24/2024	0702
7440-62-2	Vanadium	71	D*	10/24/2024	0702
7440-66-6	Zinc	110	D*	10/24/2024	0702

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

Comments:

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MYD0Z1

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0W8

Matrix: SOIL Lab Sample ID: P4296-12

% 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	8100	D	10/24/2024	0706
7440-36-0	Antimony	1.5	JD*	10/24/2024	0706
7440-38-2	Arsenic	45	D*	10/24/2024	0706
7440-39-3	Barium	170	D*	10/24/2024	0706
7440-41-7	Beryllium	0.90	D	10/24/2024	0706
7440-43-9	Cadmium	1.0	D	10/24/2024	0706
7440-70-2	Calcium	1700	D*	10/24/2024	0706
7440-47-3	Chromium	14	D*	10/24/2024	0706
7440-48-4	Cobalt	24	D	10/24/2024	0706
7440-50-8	Copper	42	D*	10/24/2024	0706
7439-89-6	Iron	49000	D	10/24/2024	0706
7439-92-1	Lead	14	D*	10/24/2024	0706
7439-95-4	Magnesium	2400	D*	10/24/2024	0706
7439-96-5	Manganese	3300	D*	10/24/2024	0706
7440-02-0	Nickel	29	D*	10/24/2024	0706
7440-09-7	Potassium	890	D	10/24/2024	0706
7782-49-2	Selenium	5.4	UD*	10/24/2024	0706
7440-22-4	Silver	1.5	UD	10/24/2024	0706
7440-23-5	Sodium	170	JD	10/24/2024	0706
7440-28-0	Thallium	3.9	UD	10/24/2024	0706
7440-62-2	Vanadium	39	D*	10/24/2024	0706
7440-66-6	Zinc	93	D*	10/24/2024	0706

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

Comments:

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MYDA43

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0W8

Matrix: SOIL Lab Sample ID: P4296-13

% 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	22000	D	10/24/2024	0711
7440-36-0	Antimony	1.1	JD*	10/24/2024	0711
7440-38-2	Arsenic	53	D*	10/24/2024	0711
7440-39-3	Barium	210	D*	10/24/2024	0711
7440-41-7	Beryllium	1.4	D	10/24/2024	0711
7440-43-9	Cadmium	1.7	D	10/24/2024	0711
7440-70-2	Calcium	3800	D*	10/24/2024	0711
7440-47-3	Chromium	51	D*	10/24/2024	0711
7440-48-4	Cobalt	32	D	10/24/2024	0711
7440-50-8	Copper	98	D*	10/24/2024	0711
7439-89-6	Iron	61000	D	10/24/2024	0711
7439-92-1	Lead	29	D*	10/24/2024	0711
7439-95-4	Magnesium	11000	D*	10/24/2024	0711
7439-96-5	Manganese	1200	D*	10/24/2024	0711
7440-02-0	Nickel	55	D*	10/24/2024	0711
7440-09-7	Potassium	4100	D	10/24/2024	0711
7782-49-2	Selenium	5.5	UD*	10/24/2024	0711
7440-22-4	Silver	1.6	UD	10/24/2024	0711
7440-23-5	Sodium	260	JD	10/24/2024	0711
7440-28-0	Thallium	4.0	UD	10/24/2024	0711
7440-62-2	Vanadium	150	D*	10/24/2024	0711
7440-66-6	Zinc	94	D*	10/24/2024	0711

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDA44

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0W8
 Matrix: SOIL Lab Sample ID: P4296-14
 % 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	20000	D	10/24/2024	0715
7440-36-0	Antimony	1.3	JD*	10/24/2024	0715
7440-38-2	Arsenic	58	D*	10/24/2024	0715
7440-39-3	Barium	180	D*	10/24/2024	0715
7440-41-7	Beryllium	1.3	D	10/24/2024	0715
7440-43-9	Cadmium	1.9	D	10/24/2024	0715
7440-70-2	Calcium	1500	D*	10/24/2024	0715
7440-47-3	Chromium	66	D*	10/24/2024	0715
7440-48-4	Cobalt	35	D	10/24/2024	0715
7440-50-8	Copper	100	D*	10/24/2024	0715
7439-89-6	Iron	71000	D	10/24/2024	0715
7439-92-1	Lead	33	D*	10/24/2024	0715
7439-95-4	Magnesium	11000	D*	10/24/2024	0715
7439-96-5	Manganese	2400	D*	10/24/2024	0715
7440-02-0	Nickel	50	D*	10/24/2024	0715
7440-09-7	Potassium	4800	D	10/24/2024	0715
7782-49-2	Selenium	5.4	UD*	10/24/2024	0715
7440-22-4	Silver	1.5	UD	10/24/2024	0715
7440-23-5	Sodium	280	JD	10/24/2024	0715
7440-28-0	Thallium	3.9	UD	10/24/2024	0715
7440-62-2	Vanadium	150	D*	10/24/2024	0715
7440-66-6	Zinc	100	D*	10/24/2024	0715

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDA45

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0W8

Matrix: SOIL Lab Sample ID: P4296-15

% 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	22000	D	10/24/2024	0720
7440-36-0	Antimony	1.0	JD*	10/24/2024	0720
7440-38-2	Arsenic	45	D*	10/24/2024	0720
7440-39-3	Barium	210	D*	10/24/2024	0720
7440-41-7	Beryllium	1.2	D	10/24/2024	0720
7440-43-9	Cadmium	1.5	D	10/24/2024	0720
7440-70-2	Calcium	3800	D*	10/24/2024	0720
7440-47-3	Chromium	43	D*	10/24/2024	0720
7440-48-4	Cobalt	29	D	10/24/2024	0720
7440-50-8	Copper	98	D*	10/24/2024	0720
7439-89-6	Iron	54000	D	10/24/2024	0720
7439-92-1	Lead	28	D*	10/24/2024	0720
7439-95-4	Magnesium	11000	D*	10/24/2024	0720
7439-96-5	Manganese	920	D*	10/24/2024	0720
7440-02-0	Nickel	51	D*	10/24/2024	0720
7440-09-7	Potassium	3800	D	10/24/2024	0720
7782-49-2	Selenium	5.0	UD*	10/24/2024	0720
7440-22-4	Silver	1.4	UD	10/24/2024	0720
7440-23-5	Sodium	180	JD	10/24/2024	0720
7440-28-0	Thallium	3.6	UD	10/24/2024	0720
7440-62-2	Vanadium	140	D*	10/24/2024	0720
7440-66-6	Zinc	86	D*	10/24/2024	0720

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDA46

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0W8

Matrix: SOIL Lab Sample ID: P4296-16

% 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	22000	D	10/24/2024	0724
7440-36-0	Antimony	0.99	JD*	10/24/2024	0724
7440-38-2	Arsenic	58	D*	10/24/2024	0724
7440-39-3	Barium	210	D*	10/24/2024	0724
7440-41-7	Beryllium	1.4	D	10/24/2024	0724
7440-43-9	Cadmium	1.8	D	10/24/2024	0724
7440-70-2	Calcium	3200	D*	10/24/2024	0724
7440-47-3	Chromium	52	D*	10/24/2024	0724
7440-48-4	Cobalt	33	D	10/24/2024	0724
7440-50-8	Copper	110	D*	10/24/2024	0724
7439-89-6	Iron	65000	D	10/24/2024	0724
7439-92-1	Lead	31	D*	10/24/2024	0724
7439-95-4	Magnesium	12000	D*	10/24/2024	0724
7439-96-5	Manganese	1100	D*	10/24/2024	0724
7440-02-0	Nickel	57	D*	10/24/2024	0724
7440-09-7	Potassium	3700	D	10/24/2024	0724
7782-49-2	Selenium	6.0	UD*	10/24/2024	0724
7440-22-4	Silver	1.7	UD	10/24/2024	0724
7440-23-5	Sodium	260	JD	10/24/2024	0724
7440-28-0	Thallium	4.3	UD	10/24/2024	0724
7440-62-2	Vanadium	170	D*	10/24/2024	0724
7440-66-6	Zinc	100	D*	10/24/2024	0724

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDA47

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0W8

Matrix: SOIL Lab Sample ID: P4296-17

% 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	25000	D	10/24/2024	0728
7440-36-0	Antimony	1.5	JD*	10/24/2024	0728
7440-38-2	Arsenic	69	D*	10/24/2024	0728
7440-39-3	Barium	350	D*	10/24/2024	0728
7440-41-7	Beryllium	1.7	D	10/24/2024	0728
7440-43-9	Cadmium	2.7	D	10/24/2024	0728
7440-70-2	Calcium	5300	D*	10/24/2024	0728
7440-47-3	Chromium	74	D*	10/24/2024	0728
7440-48-4	Cobalt	44	D	10/24/2024	0728
7440-50-8	Copper	130	D*	10/24/2024	0728
7439-89-6	Iron	82000	D	10/24/2024	0728
7439-92-1	Lead	49	D*	10/24/2024	0728
7439-95-4	Magnesium	13000	D*	10/24/2024	0728
7439-96-5	Manganese	3000	D*	10/24/2024	0728
7440-02-0	Nickel	74	D*	10/24/2024	0728
7440-09-7	Potassium	6100	D	10/24/2024	0728
7782-49-2	Selenium	6.7	UD*	10/24/2024	0728
7440-22-4	Silver	1.9	UD	10/24/2024	0728
7440-23-5	Sodium	270	JD	10/24/2024	0728
7440-28-0	Thallium	4.8	UD	10/24/2024	0728
7440-62-2	Vanadium	180	D*	10/24/2024	0728
7440-66-6	Zinc	140	D*	10/24/2024	0728

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDA48

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0W8

Matrix: SOIL Lab Sample ID: P4296-18

% 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	18000	D	10/24/2024	0733
7440-36-0	Antimony	1.4	JD [†]	10/24/2024	0733
7440-38-2	Arsenic	50	D [*]	10/24/2024	0733
7440-39-3	Barium	220	D [*]	10/24/2024	0733
7440-41-7	Beryllium	1.3	D	10/24/2024	0733
7440-43-9	Cadmium	1.8	D	10/24/2024	0733
7440-70-2	Calcium	2400	D [*]	10/24/2024	0733
7440-47-3	Chromium	57	D [*]	10/24/2024	0733
7440-48-4	Cobalt	33	D	10/24/2024	0733
7440-50-8	Copper	110	D [*]	10/24/2024	0733
7439-89-6	Iron	60000	D	10/24/2024	0733
7439-92-1	Lead	36	D [*]	10/24/2024	0733
7439-95-4	Magnesium	8500	D [*]	10/24/2024	0733
7439-96-5	Manganese	2200	D [*]	10/24/2024	0733
7440-02-0	Nickel	48	D [*]	10/24/2024	0733
7440-09-7	Potassium	4700	D	10/24/2024	0733
7782-49-2	Selenium	5.4	UD [†]	10/24/2024	0733
7440-22-4	Silver	1.5	UD	10/24/2024	0733
7440-23-5	Sodium	230	JD	10/24/2024	0733
7440-28-0	Thallium	3.8	UD	10/24/2024	0733
7440-62-2	Vanadium	120	D [*]	10/24/2024	0733
7440-66-6	Zinc	99	D [*]	10/24/2024	0733

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDA49

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0W8

Matrix: SOIL Lab Sample ID: P4296-19

% 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	19000	D	10/24/2024	0737
7440-36-0	Antimony	0.91	JD*	10/24/2024	0737
7440-38-2	Arsenic	54	D*	10/24/2024	0737
7440-39-3	Barium	160	D*	10/24/2024	0737
7440-41-7	Beryllium	1.2	D	10/24/2024	0737
7440-43-9	Cadmium	1.4	D	10/24/2024	0737
7440-70-2	Calcium	2500	D*	10/24/2024	0737
7440-47-3	Chromium	63	D*	10/24/2024	0737
7440-48-4	Cobalt	30	D	10/24/2024	0737
7440-50-8	Copper	77	D*	10/24/2024	0737
7439-89-6	Iron	59000	D	10/24/2024	0737
7439-92-1	Lead	27	D*	10/24/2024	0737
7439-95-4	Magnesium	10000	D*	10/24/2024	0737
7439-96-5	Manganese	1900	D*	10/24/2024	0737
7440-02-0	Nickel	48	D*	10/24/2024	0737
7440-09-7	Potassium	4700	D	10/24/2024	0737
7782-49-2	Selenium	5.7	UD*	10/24/2024	0737
7440-22-4	Silver	1.6	UD	10/24/2024	0737
7440-23-5	Sodium	210	JD	10/24/2024	0737
7440-28-0	Thallium	4.1	UD	10/24/2024	0737
7440-62-2	Vanadium	120	D*	10/24/2024	0737
7440-66-6	Zinc	93	D*	10/24/2024	0737

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDA50

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0W8

Matrix: SOIL Lab Sample ID: P4296-20

% 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	10/24/2024	0741
7440-36-0	Antimony	0.67	JD*	10/24/2024	0741
7440-38-2	Arsenic	33	D*	10/24/2024	0741
7440-39-3	Barium	180	D*	10/24/2024	0741
7440-41-7	Beryllium	1.0	D	10/24/2024	0741
7440-43-9	Cadmium	1.4	D	10/24/2024	0741
7440-70-2	Calcium	4600	D*	10/24/2024	0741
7440-47-3	Chromium	49	D*	10/24/2024	0741
7440-48-4	Cobalt	24	D	10/24/2024	0741
7440-50-8	Copper	68	D*	10/24/2024	0741
7439-89-6	Iron	49000	D	10/24/2024	0741
7439-92-1	Lead	24	D*	10/24/2024	0741
7439-95-4	Magnesium	7800	D*	10/24/2024	0741
7439-96-5	Manganese	1600	D*	10/24/2024	0741
7440-02-0	Nickel	40	D*	10/24/2024	0741
7440-09-7	Potassium	4000	D	10/24/2024	0741
7782-49-2	Selenium	5.3	UD*	10/24/2024	0741
7440-22-4	Silver	1.5	UD	10/24/2024	0741
7440-23-5	Sodium	200	JD	10/24/2024	0741
7440-28-0	Thallium	3.8	UD	10/24/2024	0741
7440-62-2	Vanadium	100	D*	10/24/2024	0741
7440-66-6	Zinc	82	D*	10/24/2024	0741

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDA51

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0W8

Matrix: SOIL Lab Sample ID: P4296-21

% 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	21000	D	10/24/2024	0746
7440-36-0	Antimony	0.89	JD*	10/24/2024	0746
7440-38-2	Arsenic	53	D*	10/24/2024	0746
7440-39-3	Barium	250	D*	10/24/2024	0746
7440-41-7	Beryllium	1.3	D	10/24/2024	0746
7440-43-9	Cadmium	1.6	D	10/24/2024	0746
7440-70-2	Calcium	5100	D*	10/24/2024	0746
7440-47-3	Chromium	62	D*	10/24/2024	0746
7440-48-4	Cobalt	34	D	10/24/2024	0746
7440-50-8	Copper	84	D*	10/24/2024	0746
7439-89-6	Iron	59000	D	10/24/2024	0746
7439-92-1	Lead	26	D*	10/24/2024	0746
7439-95-4	Magnesium	10000	D*	10/24/2024	0746
7439-96-5	Manganese	2000	D*	10/24/2024	0746
7440-02-0	Nickel	57	D*	10/24/2024	0746
7440-09-7	Potassium	5100	D	10/24/2024	0746
7782-49-2	Selenium	6.3	UD*	10/24/2024	0746
7440-22-4	Silver	1.8	UD	10/24/2024	0746
7440-23-5	Sodium	220	JD	10/24/2024	0746
7440-28-0	Thallium	4.5	UD	10/24/2024	0746
7440-62-2	Vanadium	130	D*	10/24/2024	0746
7440-66-6	Zinc	99	D*	10/24/2024	0746

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDA52

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0W8

Matrix: SOIL Lab Sample ID: P4296-22

% 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	22000	D	10/24/2024	0750
7440-36-0	Antimony	1.4	JD*	10/24/2024	0750
7440-38-2	Arsenic	57	D*	10/24/2024	0750
7440-39-3	Barium	290	D*	10/24/2024	0750
7440-41-7	Beryllium	1.6	D	10/24/2024	0750
7440-43-9	Cadmium	2.5	D	10/24/2024	0750
7440-70-2	Calcium	2900	D*	10/24/2024	0750
7440-47-3	Chromium	68	D*	10/24/2024	0750
7440-48-4	Cobalt	39	D	10/24/2024	0750
7440-50-8	Copper	110	D*	10/24/2024	0750
7439-89-6	Iron	77000	D	10/24/2024	0750
7439-92-1	Lead	39	D*	10/24/2024	0750
7439-95-4	Magnesium	11000	D*	10/24/2024	0750
7439-96-5	Manganese	2800	D*	10/24/2024	0750
7440-02-0	Nickel	63	D*	10/24/2024	0750
7440-09-7	Potassium	5300	D	10/24/2024	0750
7782-49-2	Selenium	5.5	UD*	10/24/2024	0750
7440-22-4	Silver	1.6	UD	10/24/2024	0750
7440-23-5	Sodium	290	JD	10/24/2024	0750
7440-28-0	Thallium	3.9	UD	10/24/2024	0750
7440-62-2	Vanadium	150	D*	10/24/2024	0750
7440-66-6	Zinc	120	D*	10/24/2024	0750

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

Comments: