

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ39

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ39

Matrix: SOIL Lab Sample ID: P5173-01

% Solids: 97.6 Date Received: 12/06/2024

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	12/19/2024	0521
7440-36-0	Antimony	2.8	JD	12/19/2024	0521
7440-38-2	Arsenic	31	D	12/19/2024	0521
7440-39-3	Barium	170	D	12/19/2024	0521
7440-41-7	Beryllium	0.87	D	12/19/2024	0521
7440-43-9	Cadmium	0.71	JD	12/19/2024	0521
7440-70-2	Calcium	10000	D	12/19/2024	0521
7440-47-3	Chromium	16	D	12/19/2024	0521
7440-48-4	Cobalt	16	D	12/19/2024	0521
7440-50-8	Copper	40	D	12/19/2024	0521
7439-89-6	Iron	20000	D	12/19/2024	0521
7439-92-1	Lead	50	D	12/19/2024	0521
7439-95-4	Magnesium	6500	D	12/19/2024	0521
7439-96-5	Manganese	650	D	12/19/2024	0521
7440-02-0	Nickel	18	D	12/19/2024	0521
7440-09-7	Potassium	2300	D	12/19/2024	0521
7782-49-2	Selenium	7.9	D	12/19/2024	0521
7440-22-4	Silver	0.91	JD [†]	12/19/2024	0521
7440-23-5	Sodium	290	JD	12/19/2024	0521
7440-28-0	Thallium	4.3	UD	12/19/2024	0521
7440-62-2	Vanadium	32	D	12/19/2024	0521
7440-66-6	Zinc	130	D	12/19/2024	0521

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

Comments:

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MYCZ40

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ39

Matrix: SOIL Lab Sample ID: P5173-02

% Solids: 98 Date Received: 12/06/2024

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	12/19/2024	0525
7440-36-0	Antimony	4.9	JD	12/19/2024	0525
7440-38-2	Arsenic	22	D	12/19/2024	0525
7440-39-3	Barium	170	D	12/19/2024	0525
7440-41-7	Beryllium	0.98	D	12/19/2024	0525
7440-43-9	Cadmium	0.75	JD	12/19/2024	0525
7440-70-2	Calcium	11000	D	12/19/2024	0525
7440-47-3	Chromium	16	D	12/19/2024	0525
7440-48-4	Cobalt	17	D	12/19/2024	0525
7440-50-8	Copper	46	D	12/19/2024	0525
7439-89-6	Iron	21000	D	12/19/2024	0525
7439-92-1	Lead	81	D	12/19/2024	0525
7439-95-4	Magnesium	6500	D	12/19/2024	0525
7439-96-5	Manganese	600	D	12/19/2024	0525
7440-02-0	Nickel	23	D	12/19/2024	0525
7440-09-7	Potassium	2600	D	12/19/2024	0525
7782-49-2	Selenium	9.3	D	12/19/2024	0525
7440-22-4	Silver	1.1	JD [†]	12/19/2024	0525
7440-23-5	Sodium	230	JD	12/19/2024	0525
7440-28-0	Thallium	4.0	UD	12/19/2024	0525
7440-62-2	Vanadium	34	D	12/19/2024	0525
7440-66-6	Zinc	130	D	12/19/2024	0525

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

Comments:

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MYCZ41

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ39

Matrix: SOIL Lab Sample ID: P5173-03

% Solids: 97.6 Date Received: 12/06/2024

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	12/19/2024	0529
7440-36-0	Antimony	3.1	JD	12/19/2024	0529
7440-38-2	Arsenic	34	D	12/19/2024	0529
7440-39-3	Barium	150	D	12/19/2024	0529
7440-41-7	Beryllium	0.88	D	12/19/2024	0529
7440-43-9	Cadmium	0.97	D	12/19/2024	0529
7440-70-2	Calcium	16000	D	12/19/2024	0529
7440-47-3	Chromium	15	D	12/19/2024	0529
7440-48-4	Cobalt	17	D	12/19/2024	0529
7440-50-8	Copper	63	D	12/19/2024	0529
7439-89-6	Iron	22000	D	12/19/2024	0529
7439-92-1	Lead	71	D	12/19/2024	0529
7439-95-4	Magnesium	7000	D	12/19/2024	0529
7439-96-5	Manganese	670	D	12/19/2024	0529
7440-02-0	Nickel	20	D	12/19/2024	0529
7440-09-7	Potassium	1800	D	12/19/2024	0529
7782-49-2	Selenium	8.9	D	12/19/2024	0529
7440-22-4	Silver	1.4	JD [†]	12/19/2024	0529
7440-23-5	Sodium	200	JD	12/19/2024	0529
7440-28-0	Thallium	4.3	UD	12/19/2024	0529
7440-62-2	Vanadium	33	D	12/19/2024	0529
7440-66-6	Zinc	170	D	12/19/2024	0529

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

Comments:

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MYCZ42

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ39

Matrix: SOIL Lab Sample ID: P5173-04

% Solids: 98.5 Date Received: 12/06/2024

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	12/19/2024	0533
7440-36-0	Antimony	3.2	JD	12/19/2024	0533
7440-38-2	Arsenic	22	D	12/19/2024	0533
7440-39-3	Barium	150	D	12/19/2024	0533
7440-41-7	Beryllium	0.83	JD	12/19/2024	0533
7440-43-9	Cadmium	0.67	JD	12/19/2024	0533
7440-70-2	Calcium	8000	D	12/19/2024	0533
7440-47-3	Chromium	13	D	12/19/2024	0533
7440-48-4	Cobalt	15	D	12/19/2024	0533
7440-50-8	Copper	47	D	12/19/2024	0533
7439-89-6	Iron	19000	D	12/19/2024	0533
7439-92-1	Lead	59	D	12/19/2024	0533
7439-95-4	Magnesium	5900	D	12/19/2024	0533
7439-96-5	Manganese	610	D	12/19/2024	0533
7440-02-0	Nickel	17	D	12/19/2024	0533
7440-09-7	Potassium	2500	D	12/19/2024	0533
7782-49-2	Selenium	9.3	D	12/19/2024	0533
7440-22-4	Silver	0.97	JD [†]	12/19/2024	0533
7440-23-5	Sodium	300	JD	12/19/2024	0533
7440-28-0	Thallium	4.5	UD	12/19/2024	0533
7440-62-2	Vanadium	31	D	12/19/2024	0533
7440-66-6	Zinc	120	D	12/19/2024	0533

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MYCZ43

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ39

Matrix: SOIL Lab Sample ID: P5173-05

% Solids: 97.8 Date Received: 12/06/2024

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	12/19/2024	0537
7440-36-0	Antimony	2.8	JD	12/19/2024	0537
7440-38-2	Arsenic	230	D	12/19/2024	0537
7440-39-3	Barium	150	D	12/19/2024	0537
7440-41-7	Beryllium	0.84	D	12/19/2024	0537
7440-43-9	Cadmium	0.63	JD	12/19/2024	0537
7440-70-2	Calcium	11000	D	12/19/2024	0537
7440-47-3	Chromium	15	D	12/19/2024	0537
7440-48-4	Cobalt	16	D	12/19/2024	0537
7440-50-8	Copper	36	D	12/19/2024	0537
7439-89-6	Iron	19000	D	12/19/2024	0537
7439-92-1	Lead	59	D	12/19/2024	0537
7439-95-4	Magnesium	6100	D	12/19/2024	0537
7439-96-5	Manganese	580	D	12/19/2024	0537
7440-02-0	Nickel	19	D	12/19/2024	0537
7440-09-7	Potassium	1500	D	12/19/2024	0537
7782-49-2	Selenium	8.1	D	12/19/2024	0537
7440-22-4	Silver	0.84	JD [†]	12/19/2024	0537
7440-23-5	Sodium	160	JD	12/19/2024	0537
7440-28-0	Thallium	4.0	UD	12/19/2024	0537
7440-62-2	Vanadium	33	D	12/19/2024	0537
7440-66-6	Zinc	100	D	12/19/2024	0537

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MYCZ44

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ39

Matrix: SOIL Lab Sample ID: P5173-06

% Solids: 98.6 Date Received: 12/06/2024

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	8800	D	12/19/2024	0540
7440-36-0	Antimony	3.1	JD	12/19/2024	0540
7440-38-2	Arsenic	22	D	12/19/2024	0540
7440-39-3	Barium	100	D	12/19/2024	0540
7440-41-7	Beryllium	0.73	JD	12/19/2024	0540
7440-43-9	Cadmium	0.51	JD	12/19/2024	0540
7440-70-2	Calcium	6700	D	12/19/2024	0540
7440-47-3	Chromium	12	D	12/19/2024	0540
7440-48-4	Cobalt	13	D	12/19/2024	0540
7440-50-8	Copper	36	D	12/19/2024	0540
7439-89-6	Iron	19000	D	12/19/2024	0540
7439-92-1	Lead	34	D	12/19/2024	0540
7439-95-4	Magnesium	5100	D	12/19/2024	0540
7439-96-5	Manganese	530	D	12/19/2024	0540
7440-02-0	Nickel	13	D	12/19/2024	0540
7440-09-7	Potassium	2500	D	12/19/2024	0540
7782-49-2	Selenium	8.4	D	12/19/2024	0540
7440-22-4	Silver	0.88	JD [†]	12/19/2024	0540
7440-23-5	Sodium	340	JD	12/19/2024	0540
7440-28-0	Thallium	4.0	UD	12/19/2024	0540
7440-62-2	Vanadium	29	D	12/19/2024	0540
7440-66-6	Zinc	98	D	12/19/2024	0540

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

Comments:

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MYCZ45

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ39

Matrix: SOIL Lab Sample ID: P5173-07

% Solids: 98.3 Date Received: 12/06/2024

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	9400	D	12/19/2024	0544
7440-36-0	Antimony	2.2	JD	12/19/2024	0544
7440-38-2	Arsenic	14	D	12/19/2024	0544
7440-39-3	Barium	140	D	12/19/2024	0544
7440-41-7	Beryllium	0.76	JD	12/19/2024	0544
7440-43-9	Cadmium	0.59	JD	12/19/2024	0544
7440-70-2	Calcium	7500	D	12/19/2024	0544
7440-47-3	Chromium	12	D	12/19/2024	0544
7440-48-4	Cobalt	13	D	12/19/2024	0544
7440-50-8	Copper	42	D	12/19/2024	0544
7439-89-6	Iron	17000	D	12/19/2024	0544
7439-92-1	Lead	190	D	12/19/2024	0544
7439-95-4	Magnesium	5300	D	12/19/2024	0544
7439-96-5	Manganese	540	D	12/19/2024	0544
7440-02-0	Nickel	16	D	12/19/2024	0544
7440-09-7	Potassium	1400	D	12/19/2024	0544
7782-49-2	Selenium	7.4	D	12/19/2024	0544
7440-22-4	Silver	0.78	JD [†]	12/19/2024	0544
7440-23-5	Sodium	260	JD	12/19/2024	0544
7440-28-0	Thallium	4.1	UD	12/19/2024	0544
7440-62-2	Vanadium	28	D	12/19/2024	0544
7440-66-6	Zinc	120	D	12/19/2024	0544

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

Comments:

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MYCZ46

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ39

Matrix: SOIL Lab Sample ID: P5173-08

% Solids: 98.9 Date Received: 12/06/2024

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	7800	D	12/19/2024	0548
7440-36-0	Antimony	2.0	JD	12/19/2024	0548
7440-38-2	Arsenic	15	D	12/19/2024	0548
7440-39-3	Barium	110	D	12/19/2024	0548
7440-41-7	Beryllium	0.65	JD	12/19/2024	0548
7440-43-9	Cadmium	0.38	JD	12/19/2024	0548
7440-70-2	Calcium	11000	D	12/19/2024	0548
7440-47-3	Chromium	10	D	12/19/2024	0548
7440-48-4	Cobalt	13	D	12/19/2024	0548
7440-50-8	Copper	21	D	12/19/2024	0548
7439-89-6	Iron	15000	D	12/19/2024	0548
7439-92-1	Lead	31	D	12/19/2024	0548
7439-95-4	Magnesium	4800	D	12/19/2024	0548
7439-96-5	Manganese	480	D	12/19/2024	0548
7440-02-0	Nickel	13	D	12/19/2024	0548
7440-09-7	Potassium	1900	D	12/19/2024	0548
7782-49-2	Selenium	5.6	JD	12/19/2024	0548
7440-22-4	Silver	0.71	JD [†]	12/19/2024	0548
7440-23-5	Sodium	180	JD	12/19/2024	0548
7440-28-0	Thallium	4.3	UD	12/19/2024	0548
7440-62-2	Vanadium	25	D	12/19/2024	0548
7440-66-6	Zinc	78	D	12/19/2024	0548

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

Comments:

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MYCZ47

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ39

Matrix: SOIL Lab Sample ID: P5173-09

% Solids: 99 Date Received: 12/06/2024

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	8300	D	12/19/2024	0552
7440-36-0	Antimony	1.7	JD	12/19/2024	0552
7440-38-2	Arsenic	14	D	12/19/2024	0552
7440-39-3	Barium	110	D	12/19/2024	0552
7440-41-7	Beryllium	0.67	JD	12/19/2024	0552
7440-43-9	Cadmium	0.37	JD	12/19/2024	0552
7440-70-2	Calcium	14000	D	12/19/2024	0552
7440-47-3	Chromium	11	D	12/19/2024	0552
7440-48-4	Cobalt	15	D	12/19/2024	0552
7440-50-8	Copper	24	D	12/19/2024	0552
7439-89-6	Iron	16000	D	12/19/2024	0552
7439-92-1	Lead	37	D	12/19/2024	0552
7439-95-4	Magnesium	5200	D	12/19/2024	0552
7439-96-5	Manganese	500	D	12/19/2024	0552
7440-02-0	Nickel	16	D	12/19/2024	0552
7440-09-7	Potassium	1900	D	12/19/2024	0552
7782-49-2	Selenium	5.2	JD	12/19/2024	0552
7440-22-4	Silver	0.68	JD [†]	12/19/2024	0552
7440-23-5	Sodium	940	UD	12/19/2024	0552
7440-28-0	Thallium	4.7	UD	12/19/2024	0552
7440-62-2	Vanadium	26	D	12/19/2024	0552
7440-66-6	Zinc	80	D	12/19/2024	0552

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MYCZ48

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ39

Matrix: SOIL Lab Sample ID: P5173-10

% Solids: 99.2 Date Received: 12/06/2024

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	7100	D	12/19/2024	0556
7440-36-0	Antimony	10	UD	12/19/2024	0556
7440-38-2	Arsenic	12	D	12/19/2024	0556
7440-39-3	Barium	95	D	12/19/2024	0556
7440-41-7	Beryllium	0.54	JD	12/19/2024	0556
7440-43-9	Cadmium	0.36	JD	12/19/2024	0556
7440-70-2	Calcium	17000	D	12/19/2024	0556
7440-47-3	Chromium	8.5	D	12/19/2024	0556
7440-48-4	Cobalt	13	D	12/19/2024	0556
7440-50-8	Copper	22	D	12/19/2024	0556
7439-89-6	Iron	13000	D	12/19/2024	0556
7439-92-1	Lead	24	D	12/19/2024	0556
7439-95-4	Magnesium	4500	D	12/19/2024	0556
7439-96-5	Manganese	430	D	12/19/2024	0556
7440-02-0	Nickel	12	D	12/19/2024	0556
7440-09-7	Potassium	1200	D	12/19/2024	0556
7782-49-2	Selenium	3.5	JD	12/19/2024	0556
7440-22-4	Silver	0.56	JD [†]	12/19/2024	0556
7440-23-5	Sodium	240	JD	12/19/2024	0556
7440-28-0	Thallium	4.3	UD	12/19/2024	0556
7440-62-2	Vanadium	21	D	12/19/2024	0556
7440-66-6	Zinc	64	D	12/19/2024	0556

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

Comments:

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MYCZ49

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ39

Matrix: SOIL Lab Sample ID: P5173-11

% Solids: 97.7 Date Received: 12/06/2024

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	12/19/2024	0600
7440-36-0	Antimony	2.0	JD	12/19/2024	0600
7440-38-2	Arsenic	17	D	12/19/2024	0600
7440-39-3	Barium	160	D	12/19/2024	0600
7440-41-7	Beryllium	0.84	JD	12/19/2024	0600
7440-43-9	Cadmium	0.72	JD	12/19/2024	0600
7440-70-2	Calcium	9900	D	12/19/2024	0600
7440-47-3	Chromium	14	D	12/19/2024	0600
7440-48-4	Cobalt	16	D	12/19/2024	0600
7440-50-8	Copper	65	D	12/19/2024	0600
7439-89-6	Iron	19000	D	12/19/2024	0600
7439-92-1	Lead	74	D	12/19/2024	0600
7439-95-4	Magnesium	6000	D	12/19/2024	0600
7439-96-5	Manganese	610	D	12/19/2024	0600
7440-02-0	Nickel	18	D	12/19/2024	0600
7440-09-7	Potassium	2200	D	12/19/2024	0600
7782-49-2	Selenium	7.7	D	12/19/2024	0600
7440-22-4	Silver	1.0	JD [†]	12/19/2024	0600
7440-23-5	Sodium	240	JD	12/19/2024	0600
7440-28-0	Thallium	4.5	UD	12/19/2024	0600
7440-62-2	Vanadium	29	D	12/19/2024	0600
7440-66-6	Zinc	110	D	12/19/2024	0600

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ50

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ39

Matrix: SOIL Lab Sample ID: P5173-12

% Solids: 98.5 Date Received: 12/06/2024

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	12/19/2024	0604
7440-36-0	Antimony	9.3	JD	12/19/2024	0604
7440-38-2	Arsenic	32	D	12/19/2024	0604
7440-39-3	Barium	240	D	12/19/2024	0604
7440-41-7	Beryllium	0.73	JD	12/19/2024	0604
7440-43-9	Cadmium	0.73	JD	12/19/2024	0604
7440-70-2	Calcium	4200	D	12/19/2024	0604
7440-47-3	Chromium	45	D	12/19/2024	0604
7440-48-4	Cobalt	38	D	12/19/2024	0604
7440-50-8	Copper	100	D	12/19/2024	0604
7439-89-6	Iron	42000	D	12/19/2024	0604
7439-92-1	Lead	43	D	12/19/2024	0604
7439-95-4	Magnesium	11000	D	12/19/2024	0604
7439-96-5	Manganese	4800	D	12/19/2024	0604
7440-02-0	Nickel	39	D	12/19/2024	0604
7440-09-7	Potassium	2000	D	12/19/2024	0604
7782-49-2	Selenium	24	D	12/19/2024	0604
7440-22-4	Silver	2.3	D*	12/19/2024	0604
7440-23-5	Sodium	280	JD	12/19/2024	0604
7440-28-0	Thallium	4.5	UD	12/19/2024	0604
7440-62-2	Vanadium	73	D	12/19/2024	0604
7440-66-6	Zinc	100	D	12/19/2024	0604

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ51

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ39

Matrix: SOIL Lab Sample ID: P5173-13

% Solids: 96.8 Date Received: 12/06/2024

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	12/19/2024	0608
7440-36-0	Antimony	4.5	JD	12/19/2024	0608
7440-38-2	Arsenic	40	D	12/19/2024	0608
7440-39-3	Barium	220	D	12/19/2024	0608
7440-41-7	Beryllium	1.2	D	12/19/2024	0608
7440-43-9	Cadmium	0.95	D	12/19/2024	0608
7440-70-2	Calcium	22000	D	12/19/2024	0608
7440-47-3	Chromium	22	D	12/19/2024	0608
7440-48-4	Cobalt	21	D	12/19/2024	0608
7440-50-8	Copper	46	D	12/19/2024	0608
7439-89-6	Iron	31000	D	12/19/2024	0608
7439-92-1	Lead	67	D	12/19/2024	0608
7439-95-4	Magnesium	8600	D	12/19/2024	0608
7439-96-5	Manganese	710	D	12/19/2024	0608
7440-02-0	Nickel	26	D	12/19/2024	0608
7440-09-7	Potassium	3000	D	12/19/2024	0608
7782-49-2	Selenium	13	D	12/19/2024	0608
7440-22-4	Silver	1.6	JD [†]	12/19/2024	0608
7440-23-5	Sodium	380	JD	12/19/2024	0608
7440-28-0	Thallium	4.5	UD	12/19/2024	0608
7440-62-2	Vanadium	49	D	12/19/2024	0608
7440-66-6	Zinc	200	D	12/19/2024	0608

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ52

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ39

Matrix: SOIL Lab Sample ID: P5173-14

% Solids: 98.1 Date Received: 12/06/2024

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	12/19/2024	0611
7440-36-0	Antimony	4.4	JD	12/19/2024	0611
7440-38-2	Arsenic	28	D	12/19/2024	0611
7440-39-3	Barium	140	D	12/19/2024	0611
7440-41-7	Beryllium	0.99	D	12/19/2024	0611
7440-43-9	Cadmium	0.68	JD	12/19/2024	0611
7440-70-2	Calcium	15000	D	12/19/2024	0611
7440-47-3	Chromium	15	D	12/19/2024	0611
7440-48-4	Cobalt	17	D	12/19/2024	0611
7440-50-8	Copper	41	D	12/19/2024	0611
7439-89-6	Iron	27000	D	12/19/2024	0611
7439-92-1	Lead	48	D	12/19/2024	0611
7439-95-4	Magnesium	5600	D	12/19/2024	0611
7439-96-5	Manganese	500	D	12/19/2024	0611
7440-02-0	Nickel	16	D	12/19/2024	0611
7440-09-7	Potassium	2100	D	12/19/2024	0611
7782-49-2	Selenium	12	D	12/19/2024	0611
7440-22-4	Silver	1.1	JD [†]	12/19/2024	0611
7440-23-5	Sodium	190	JD	12/19/2024	0611
7440-28-0	Thallium	3.5	UD	12/19/2024	0611
7440-62-2	Vanadium	49	D	12/19/2024	0611
7440-66-6	Zinc	130	D	12/19/2024	0611

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ53

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ39

Matrix: SOIL Lab Sample ID: P5173-15

% Solids: 98.7 Date Received: 12/06/2024

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	8900	D	12/19/2024	0615
7440-36-0	Antimony	3.1	JD	12/19/2024	0615
7440-38-2	Arsenic	24	D	12/19/2024	0615
7440-39-3	Barium	110	D	12/19/2024	0615
7440-41-7	Beryllium	0.83	JD	12/19/2024	0615
7440-43-9	Cadmium	0.35	JD	12/19/2024	0615
7440-70-2	Calcium	20000	D	12/19/2024	0615
7440-47-3	Chromium	13	D	12/19/2024	0615
7440-48-4	Cobalt	15	D	12/19/2024	0615
7440-50-8	Copper	23	D	12/19/2024	0615
7439-89-6	Iron	22000	D	12/19/2024	0615
7439-92-1	Lead	25	D	12/19/2024	0615
7439-95-4	Magnesium	5100	D	12/19/2024	0615
7439-96-5	Manganese	480	D	12/19/2024	0615
7440-02-0	Nickel	14	D	12/19/2024	0615
7440-09-7	Potassium	1600	D	12/19/2024	0615
7782-49-2	Selenium	8.1	D	12/19/2024	0615
7440-22-4	Silver	0.90	JD [†]	12/19/2024	0615
7440-23-5	Sodium	360	JD	12/19/2024	0615
7440-28-0	Thallium	4.3	UD	12/19/2024	0615
7440-62-2	Vanadium	37	D	12/19/2024	0615
7440-66-6	Zinc	70	D	12/19/2024	0615

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ54

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ39

Matrix: SOIL Lab Sample ID: P5173-16

% Solids: 98.8 Date Received: 12/06/2024

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	12/19/2024	1917
7440-36-0	Antimony	5.3	JD	12/19/2024	1917
7440-38-2	Arsenic	45	D	12/19/2024	1917
7440-39-3	Barium	140	D	12/19/2024	1917
7440-41-7	Beryllium	1.2	D	12/19/2024	1917
7440-43-9	Cadmium	0.83	D	12/19/2024	1917
7440-70-2	Calcium	8900	D	12/19/2024	1917
7440-47-3	Chromium	20	D	12/19/2024	1917
7440-48-4	Cobalt	20	D	12/19/2024	1917
7440-50-8	Copper	53	D	12/19/2024	1917
7439-89-6	Iron	35000	D	12/19/2024	1917
7439-92-1	Lead	170	D	12/19/2024	1917
7439-95-4	Magnesium	6500	D	12/19/2024	1917
7439-96-5	Manganese	670	D	12/19/2024	1917
7440-02-0	Nickel	20	D	12/19/2024	1917
7440-09-7	Potassium	4200	D	12/19/2024	1917
7782-49-2	Selenium	16	D	12/19/2024	1917
7440-22-4	Silver	0.94	JD [†]	12/19/2024	1917
7440-23-5	Sodium	350	JD	12/19/2024	1917
7440-28-0	Thallium	3.6	UD	12/19/2024	1917
7440-62-2	Vanadium	56	D	12/19/2024	1917
7440-66-6	Zinc	200	D	12/19/2024	1917

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ55

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ39

Matrix: SOIL Lab Sample ID: P5173-17

% Solids: 96.2 Date Received: 12/06/2024

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	12/19/2024	1921
7440-36-0	Antimony	5.5	JD	12/19/2024	1921
7440-38-2	Arsenic	39	D	12/19/2024	1921
7440-39-3	Barium	140	D	12/19/2024	1921
7440-41-7	Beryllium	1.2	D	12/19/2024	1921
7440-43-9	Cadmium	0.66	JD	12/19/2024	1921
7440-70-2	Calcium	8000	D	12/19/2024	1921
7440-47-3	Chromium	22	D	12/19/2024	1921
7440-48-4	Cobalt	20	D	12/19/2024	1921
7440-50-8	Copper	49	D	12/19/2024	1921
7439-89-6	Iron	35000	D	12/19/2024	1921
7439-92-1	Lead	54	D	12/19/2024	1921
7439-95-4	Magnesium	6800	D	12/19/2024	1921
7439-96-5	Manganese	690	D	12/19/2024	1921
7440-02-0	Nickel	21	D	12/19/2024	1921
7440-09-7	Potassium	3600	D	12/19/2024	1921
7782-49-2	Selenium	16	D	12/19/2024	1921
7440-22-4	Silver	0.68	JD [†]	12/19/2024	1921
7440-23-5	Sodium	280	JD	12/19/2024	1921
7440-28-0	Thallium	4.6	UD	12/19/2024	1921
7440-62-2	Vanadium	58	D	12/19/2024	1921
7440-66-6	Zinc	190	D	12/19/2024	1921

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ56

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ39

Matrix: SOIL Lab Sample ID: P5173-18

% Solids: 99.2 Date Received: 12/06/2024

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	12/19/2024	1924
7440-36-0	Antimony	5.7	JD	12/19/2024	1924
7440-38-2	Arsenic	33	D	12/19/2024	1924
7440-39-3	Barium	120	D	12/19/2024	1924
7440-41-7	Beryllium	1.2	D	12/19/2024	1924
7440-43-9	Cadmium	0.54	JD	12/19/2024	1924
7440-70-2	Calcium	7500	D	12/19/2024	1924
7440-47-3	Chromium	21	D	12/19/2024	1924
7440-48-4	Cobalt	25	D	12/19/2024	1924
7440-50-8	Copper	30	D	12/19/2024	1924
7439-89-6	Iron	35000	D	12/19/2024	1924
7439-92-1	Lead	26	D	12/19/2024	1924
7439-95-4	Magnesium	6700	D	12/19/2024	1924
7439-96-5	Manganese	670	D	12/19/2024	1924
7440-02-0	Nickel	22	D	12/19/2024	1924
7440-09-7	Potassium	3200	D	12/19/2024	1924
7782-49-2	Selenium	16	D	12/19/2024	1924
7440-22-4	Silver	0.63	JD [†]	12/19/2024	1924
7440-23-5	Sodium	760	UD	12/19/2024	1924
7440-28-0	Thallium	3.8	UD	12/19/2024	1924
7440-62-2	Vanadium	59	D	12/19/2024	1924
7440-66-6	Zinc	70	D	12/19/2024	1924

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ57

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ39

Matrix: SOIL Lab Sample ID: P5173-19

% Solids: 98.4 Date Received: 12/06/2024

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	12/19/2024	1928
7440-36-0	Antimony	5.3	JD	12/19/2024	1928
7440-38-2	Arsenic	35	D	12/19/2024	1928
7440-39-3	Barium	130	D	12/19/2024	1928
7440-41-7	Beryllium	1.2	D	12/19/2024	1928
7440-43-9	Cadmium	0.58	JD	12/19/2024	1928
7440-70-2	Calcium	7400	D	12/19/2024	1928
7440-47-3	Chromium	20	D	12/19/2024	1928
7440-48-4	Cobalt	20	D	12/19/2024	1928
7440-50-8	Copper	33	D	12/19/2024	1928
7439-89-6	Iron	35000	D	12/19/2024	1928
7439-92-1	Lead	28	D	12/19/2024	1928
7439-95-4	Magnesium	6600	D	12/19/2024	1928
7439-96-5	Manganese	650	D	12/19/2024	1928
7440-02-0	Nickel	21	D	12/19/2024	1928
7440-09-7	Potassium	3100	D	12/19/2024	1928
7782-49-2	Selenium	16	D	12/19/2024	1928
7440-22-4	Silver	0.71	JD [†]	12/19/2024	1928
7440-23-5	Sodium	260	JD	12/19/2024	1928
7440-28-0	Thallium	4.7	UD	12/19/2024	1928
7440-62-2	Vanadium	59	D	12/19/2024	1928
7440-66-6	Zinc	73	D	12/19/2024	1928

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ58

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ39

Matrix: SOIL Lab Sample ID: P5173-20

% Solids: 99.3 Date Received: 12/06/2024

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	12/19/2024	0132
7440-36-0	Antimony	8.1	JD	12/19/2024	0132
7440-38-2	Arsenic	46	D	12/19/2024	0132
7440-39-3	Barium	120	D	12/19/2024	0132
7440-41-7	Beryllium	1.3	D	12/19/2024	0132
7440-43-9	Cadmium	0.70	JD	12/19/2024	0132
7440-70-2	Calcium	5600	D	12/19/2024	0132
7440-47-3	Chromium	21	D	12/19/2024	0132
7440-48-4	Cobalt	21	D	12/19/2024	0132
7440-50-8	Copper	43	D	12/19/2024	0132
7439-89-6	Iron	37000	D	12/19/2024	0132
7439-92-1	Lead	67	D	12/19/2024	0132
7439-95-4	Magnesium	6600	D	12/19/2024	0132
7439-96-5	Manganese	610	D	12/19/2024	0132
7440-02-0	Nickel	20	D	12/19/2024	0132
7440-09-7	Potassium	3900	D	12/19/2024	0132
7782-49-2	Selenium	19	D	12/19/2024	0132
7440-22-4	Silver	1.2	JD [†]	12/19/2024	0132
7440-23-5	Sodium	430	JD	12/19/2024	0132
7440-28-0	Thallium	4.5	UD	12/19/2024	0132
7440-62-2	Vanadium	64	D	12/19/2024	0132
7440-66-6	Zinc	140	D	12/19/2024	0132

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

Comments: