

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ19

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ19

Matrix: SOIL Lab Sample ID: P5172-01

% Solids: 98.2 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	1932
7440-36-0	Antimony	5.8	JD	12/19/2024	1932
7440-38-2	Arsenic	40	D	12/19/2024	1932
7440-39-3	Barium	130	D	12/19/2024	1932
7440-41-7	Beryllium	1.3	D	12/19/2024	1932
7440-43-9	Cadmium	0.36	JD	12/19/2024	1932
7440-70-2	Calcium	6000	D	12/19/2024	1932
7440-47-3	Chromium	15	D	12/19/2024	1932
7440-48-4	Cobalt	20	D*	12/19/2024	1932
7440-50-8	Copper	26	D*	12/19/2024	1932
7439-89-6	Iron	35000	D	12/19/2024	1932
7439-92-1	Lead	22	D*	12/19/2024	1932
7439-95-4	Magnesium	6300	D	12/19/2024	1932
7439-96-5	Manganese	730	D	12/19/2024	1932
7440-02-0	Nickel	19	D*	12/19/2024	1932
7440-09-7	Potassium	2800	D	12/19/2024	1932
7782-49-2	Selenium	17	D	12/19/2024	1932
7440-22-4	Silver	0.82	JD [†]	12/19/2024	1932
7440-23-5	Sodium	210	JD	12/19/2024	1932
7440-28-0	Thallium	4.2	UD	12/19/2024	1932
7440-62-2	Vanadium	56	D	12/19/2024	1932
7440-66-6	Zinc	73	D*	12/19/2024	1932

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

Comments:

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MYCZ20

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ19

Matrix: SOIL Lab Sample ID: P5172-02

% 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	14000	D	12/19/2024	1936
7440-36-0	Antimony	5.7	JD	12/19/2024	1936
7440-38-2	Arsenic	41	D	12/19/2024	1936
7440-39-3	Barium	130	D	12/19/2024	1936
7440-41-7	Beryllium	1.2	D	12/19/2024	1936
7440-43-9	Cadmium	0.35	JD	12/19/2024	1936
7440-70-2	Calcium	5600	D	12/19/2024	1936
7440-47-3	Chromium	15	D	12/19/2024	1936
7440-48-4	Cobalt	19	D*	12/19/2024	1936
7440-50-8	Copper	25	D*	12/19/2024	1936
7439-89-6	Iron	34000	D	12/19/2024	1936
7439-92-1	Lead	23	D*	12/19/2024	1936
7439-95-4	Magnesium	6000	D	12/19/2024	1936
7439-96-5	Manganese	710	D	12/19/2024	1936
7440-02-0	Nickel	19	D*	12/19/2024	1936
7440-09-7	Potassium	2700	D	12/19/2024	1936
7782-49-2	Selenium	17	D	12/19/2024	1936
7440-22-4	Silver	0.81	JD [†]	12/19/2024	1936
7440-23-5	Sodium	820	UD	12/19/2024	1936
7440-28-0	Thallium	4.1	UD	12/19/2024	1936
7440-62-2	Vanadium	54	D	12/19/2024	1936
7440-66-6	Zinc	79	D*	12/19/2024	1936

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

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MYCZ21

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ19

Matrix: SOIL Lab Sample ID: P5172-03

% Solids: 98.2 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	12000	D	12/19/2024	1940
7440-36-0	Antimony	6.4	JD	12/19/2024	1940
7440-38-2	Arsenic	80	D	12/19/2024	1940
7440-39-3	Barium	100	D	12/19/2024	1940
7440-41-7	Beryllium	1.3	D	12/19/2024	1940
7440-43-9	Cadmium	0.84	D	12/19/2024	1940
7440-70-2	Calcium	5500	D	12/19/2024	1940
7440-47-3	Chromium	14	D	12/19/2024	1940
7440-48-4	Cobalt	21	D*	12/19/2024	1940
7440-50-8	Copper	53	D*	12/19/2024	1940
7439-89-6	Iron	38000	D	12/19/2024	1940
7439-92-1	Lead	59	D*	12/19/2024	1940
7439-95-4	Magnesium	5600	D	12/19/2024	1940
7439-96-5	Manganese	590	D	12/19/2024	1940
7440-02-0	Nickel	19	D*	12/19/2024	1940
7440-09-7	Potassium	2600	D	12/19/2024	1940
7782-49-2	Selenium	19	D	12/19/2024	1940
7440-22-4	Silver	1.1	JD [†]	12/19/2024	1940
7440-23-5	Sodium	190	JD	12/19/2024	1940
7440-28-0	Thallium	3.5	UD	12/19/2024	1940
7440-62-2	Vanadium	71	D	12/19/2024	1940
7440-66-6	Zinc	170	D*	12/19/2024	1940

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

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MYCZ22

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ19

Matrix: SOIL Lab Sample ID: P5172-04

% Solids: 97.9 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	12000	D	12/19/2024	1944
7440-36-0	Antimony	5.6	JD	12/19/2024	1944
7440-38-2	Arsenic	96	D	12/19/2024	1944
7440-39-3	Barium	110	D	12/19/2024	1944
7440-41-7	Beryllium	1.2	D	12/19/2024	1944
7440-43-9	Cadmium	0.56	JD	12/19/2024	1944
7440-70-2	Calcium	5200	D	12/19/2024	1944
7440-47-3	Chromium	14	D	12/19/2024	1944
7440-48-4	Cobalt	15	D*	12/19/2024	1944
7440-50-8	Copper	27	D*	12/19/2024	1944
7439-89-6	Iron	34000	D	12/19/2024	1944
7439-92-1	Lead	48	D*	12/19/2024	1944
7439-95-4	Magnesium	5900	D	12/19/2024	1944
7439-96-5	Manganese	530	D	12/19/2024	1944
7440-02-0	Nickel	17	D*	12/19/2024	1944
7440-09-7	Potassium	2600	D	12/19/2024	1944
7782-49-2	Selenium	15	D	12/19/2024	1944
7440-22-4	Silver	0.89	JD [†]	12/19/2024	1944
7440-23-5	Sodium	900	UD	12/19/2024	1944
7440-28-0	Thallium	4.5	UD	12/19/2024	1944
7440-62-2	Vanadium	48	D	12/19/2024	1944
7440-66-6	Zinc	160	D*	12/19/2024	1944

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

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MYCZ23

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ19

Matrix: SOIL Lab Sample ID: P5172-05

% 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	1947
7440-36-0	Antimony	6.1	JD	12/19/2024	1947
7440-38-2	Arsenic	91	D	12/19/2024	1947
7440-39-3	Barium	110	D	12/19/2024	1947
7440-41-7	Beryllium	1.2	D	12/19/2024	1947
7440-43-9	Cadmium	0.97	D	12/19/2024	1947
7440-70-2	Calcium	5700	D	12/19/2024	1947
7440-47-3	Chromium	14	D	12/19/2024	1947
7440-48-4	Cobalt	18	D*	12/19/2024	1947
7440-50-8	Copper	40	D*	12/19/2024	1947
7439-89-6	Iron	36000	D	12/19/2024	1947
7439-92-1	Lead	65	D*	12/19/2024	1947
7439-95-4	Magnesium	5900	D	12/19/2024	1947
7439-96-5	Manganese	620	D	12/19/2024	1947
7440-02-0	Nickel	17	D*	12/19/2024	1947
7440-09-7	Potassium	2600	D	12/19/2024	1947
7782-49-2	Selenium	17	D	12/19/2024	1947
7440-22-4	Silver	1.1	JD [†]	12/19/2024	1947
7440-23-5	Sodium	250	JD	12/19/2024	1947
7440-28-0	Thallium	4.1	UD	12/19/2024	1947
7440-62-2	Vanadium	57	D	12/19/2024	1947
7440-66-6	Zinc	210	D*	12/19/2024	1947

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

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MYCZ24

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ19

Matrix: SOIL Lab Sample ID: P5172-06

% 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	13000	D	12/19/2024	1951
7440-36-0	Antimony	7.0	JD	12/19/2024	1951
7440-38-2	Arsenic	79	D	12/19/2024	1951
7440-39-3	Barium	110	D	12/19/2024	1951
7440-41-7	Beryllium	1.4	D	12/19/2024	1951
7440-43-9	Cadmium	0.92	D	12/19/2024	1951
7440-70-2	Calcium	6600	D	12/19/2024	1951
7440-47-3	Chromium	15	D	12/19/2024	1951
7440-48-4	Cobalt	22	D*	12/19/2024	1951
7440-50-8	Copper	53	D*	12/19/2024	1951
7439-89-6	Iron	43000	D	12/19/2024	1951
7439-92-1	Lead	57	D*	12/19/2024	1951
7439-95-4	Magnesium	6000	D	12/19/2024	1951
7439-96-5	Manganese	630	D	12/19/2024	1951
7440-02-0	Nickel	18	D*	12/19/2024	1951
7440-09-7	Potassium	2500	D	12/19/2024	1951
7782-49-2	Selenium	21	D	12/19/2024	1951
7440-22-4	Silver	1.1	JD [†]	12/19/2024	1951
7440-23-5	Sodium	220	JD	12/19/2024	1951
7440-28-0	Thallium	4.5	UD	12/19/2024	1951
7440-62-2	Vanadium	83	D	12/19/2024	1951
7440-66-6	Zinc	150	D*	12/19/2024	1951

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

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MYCZ25

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ19

Matrix: SOIL Lab Sample ID: P5172-07

% Solids: 96.1 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	18000	D	12/19/2024	1955
7440-36-0	Antimony	6.2	JD	12/19/2024	1955
7440-38-2	Arsenic	51	D	12/19/2024	1955
7440-39-3	Barium	210	D	12/19/2024	1955
7440-41-7	Beryllium	1.5	D	12/19/2024	1955
7440-43-9	Cadmium	0.48	JD	12/19/2024	1955
7440-70-2	Calcium	7700	D	12/19/2024	1955
7440-47-3	Chromium	19	D	12/19/2024	1955
7440-48-4	Cobalt	19	D*	12/19/2024	1955
7440-50-8	Copper	40	D*	12/19/2024	1955
7439-89-6	Iron	37000	D	12/19/2024	1955
7439-92-1	Lead	36	D*	12/19/2024	1955
7439-95-4	Magnesium	7200	D	12/19/2024	1955
7439-96-5	Manganese	650	D	12/19/2024	1955
7440-02-0	Nickel	20	D*	12/19/2024	1955
7440-09-7	Potassium	1600	D	12/19/2024	1955
7782-49-2	Selenium	18	D	12/19/2024	1955
7440-22-4	Silver	0.92	JD [†]	12/19/2024	1955
7440-23-5	Sodium	210	JD	12/19/2024	1955
7440-28-0	Thallium	4.9	UD	12/19/2024	1955
7440-62-2	Vanadium	64	D	12/19/2024	1955
7440-66-6	Zinc	94	D*	12/19/2024	1955

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

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MYCZ26

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ19

Matrix: SOIL Lab Sample ID: P5172-08

% Solids: 97.9 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	14000	D	12/19/2024	1959
7440-36-0	Antimony	6.8	JD	12/19/2024	1959
7440-38-2	Arsenic	140	D	12/19/2024	1959
7440-39-3	Barium	160	D	12/19/2024	1959
7440-41-7	Beryllium	1.4	D	12/19/2024	1959
7440-43-9	Cadmium	1.2	D	12/19/2024	1959
7440-70-2	Calcium	5400	D	12/19/2024	1959
7440-47-3	Chromium	70	D	12/19/2024	1959
7440-48-4	Cobalt	18	D*	12/19/2024	1959
7440-50-8	Copper	60	D*	12/19/2024	1959
7439-89-6	Iron	38000	D	12/19/2024	1959
7439-92-1	Lead	92	D*	12/19/2024	1959
7439-95-4	Magnesium	5500	D	12/19/2024	1959
7439-96-5	Manganese	500	D	12/19/2024	1959
7440-02-0	Nickel	39	D*	12/19/2024	1959
7440-09-7	Potassium	2200	D	12/19/2024	1959
7782-49-2	Selenium	19	D	12/19/2024	1959
7440-22-4	Silver	1.2	JD [†]	12/19/2024	1959
7440-23-5	Sodium	230	JD	12/19/2024	1959
7440-28-0	Thallium	3.7	UD	12/19/2024	1959
7440-62-2	Vanadium	64	D	12/19/2024	1959
7440-66-6	Zinc	290	D*	12/19/2024	1959

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

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MYCZ27

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ19

Matrix: SOIL Lab Sample ID: P5172-09

% Solids: 97.1 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	15000	D	12/19/2024	2003
7440-36-0	Antimony	6.1	JD	12/19/2024	2003
7440-38-2	Arsenic	140	D	12/19/2024	2003
7440-39-3	Barium	150	D	12/19/2024	2003
7440-41-7	Beryllium	1.4	D	12/19/2024	2003
7440-43-9	Cadmium	1.2	D	12/19/2024	2003
7440-70-2	Calcium	5400	D	12/19/2024	2003
7440-47-3	Chromium	17	D	12/19/2024	2003
7440-48-4	Cobalt	17	D*	12/19/2024	2003
7440-50-8	Copper	51	D*	12/19/2024	2003
7439-89-6	Iron	37000	D	12/19/2024	2003
7439-92-1	Lead	98	D*	12/19/2024	2003
7439-95-4	Magnesium	5500	D	12/19/2024	2003
7439-96-5	Manganese	540	D	12/19/2024	2003
7440-02-0	Nickel	16	D*	12/19/2024	2003
7440-09-7	Potassium	2000	D	12/19/2024	2003
7782-49-2	Selenium	18	D	12/19/2024	2003
7440-22-4	Silver	1.1	JD [†]	12/19/2024	2003
7440-23-5	Sodium	240	JD	12/19/2024	2003
7440-28-0	Thallium	4.4	UD	12/19/2024	2003
7440-62-2	Vanadium	64	D	12/19/2024	2003
7440-66-6	Zinc	300	D*	12/19/2024	2003

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

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MYCZ28

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ19

Matrix: SOIL Lab Sample ID: P5172-10

% Solids: 96.3 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	20000	D	12/19/2024	2007
7440-36-0	Antimony	6.4	JD	12/19/2024	2007
7440-38-2	Arsenic	58	D	12/19/2024	2007
7440-39-3	Barium	230	D	12/19/2024	2007
7440-41-7	Beryllium	1.6	D	12/19/2024	2007
7440-43-9	Cadmium	0.47	JD	12/19/2024	2007
7440-70-2	Calcium	6300	D	12/19/2024	2007
7440-47-3	Chromium	19	D	12/19/2024	2007
7440-48-4	Cobalt	18	D*	12/19/2024	2007
7440-50-8	Copper	37	D*	12/19/2024	2007
7439-89-6	Iron	38000	D	12/19/2024	2007
7439-92-1	Lead	39	D*	12/19/2024	2007
7439-95-4	Magnesium	5900	D	12/19/2024	2007
7439-96-5	Manganese	560	D	12/19/2024	2007
7440-02-0	Nickel	19	D*	12/19/2024	2007
7440-09-7	Potassium	1400	D	12/19/2024	2007
7782-49-2	Selenium	18	D	12/19/2024	2007
7440-22-4	Silver	0.96	JD [†]	12/19/2024	2007
7440-23-5	Sodium	240	JD	12/19/2024	2007
7440-28-0	Thallium	4.9	UD	12/19/2024	2007
7440-62-2	Vanadium	69	D	12/19/2024	2007
7440-66-6	Zinc	98	D*	12/19/2024	2007

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

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MYCZ29

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ19

Matrix: SOIL Lab Sample ID: P5172-11

% 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	13000	D	12/19/2024	2010
7440-36-0	Antimony	5.5	JD	12/19/2024	2010
7440-38-2	Arsenic	120	D	12/19/2024	2010
7440-39-3	Barium	130	D	12/19/2024	2010
7440-41-7	Beryllium	1.2	D	12/19/2024	2010
7440-43-9	Cadmium	1.1	D	12/19/2024	2010
7440-70-2	Calcium	5000	D	12/19/2024	2010
7440-47-3	Chromium	15	D	12/19/2024	2010
7440-48-4	Cobalt	16	D*	12/19/2024	2010
7440-50-8	Copper	51	D*	12/19/2024	2010
7439-89-6	Iron	33000	D	12/19/2024	2010
7439-92-1	Lead	96	D*	12/19/2024	2010
7439-95-4	Magnesium	5300	D	12/19/2024	2010
7439-96-5	Manganese	520	D	12/19/2024	2010
7440-02-0	Nickel	16	D*	12/19/2024	2010
7440-09-7	Potassium	1800	D	12/19/2024	2010
7782-49-2	Selenium	17	D	12/19/2024	2010
7440-22-4	Silver	1.0	JD [†]	12/19/2024	2010
7440-23-5	Sodium	880	UD	12/19/2024	2010
7440-28-0	Thallium	4.4	UD	12/19/2024	2010
7440-62-2	Vanadium	50	D	12/19/2024	2010
7440-66-6	Zinc	270	D*	12/19/2024	2010

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ30

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ19

Matrix: SOIL Lab Sample ID: P5172-12

% Solids: 98.2 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	2014
7440-36-0	Antimony	5.4	JD	12/19/2024	2014
7440-38-2	Arsenic	98	D	12/19/2024	2014
7440-39-3	Barium	120	D	12/19/2024	2014
7440-41-7	Beryllium	1.2	D	12/19/2024	2014
7440-43-9	Cadmium	0.99	D	12/19/2024	2014
7440-70-2	Calcium	4900	D	12/19/2024	2014
7440-47-3	Chromium	16	D	12/19/2024	2014
7440-48-4	Cobalt	17	D*	12/19/2024	2014
7440-50-8	Copper	44	D*	12/19/2024	2014
7439-89-6	Iron	33000	D	12/19/2024	2014
7439-92-1	Lead	71	D*	12/19/2024	2014
7439-95-4	Magnesium	5400	D	12/19/2024	2014
7439-96-5	Manganese	540	D	12/19/2024	2014
7440-02-0	Nickel	17	D*	12/19/2024	2014
7440-09-7	Potassium	1800	D	12/19/2024	2014
7782-49-2	Selenium	17	D	12/19/2024	2014
7440-22-4	Silver	0.96	JD [†]	12/19/2024	2014
7440-23-5	Sodium	820	UD	12/19/2024	2014
7440-28-0	Thallium	4.1	UD	12/19/2024	2014
7440-62-2	Vanadium	55	D	12/19/2024	2014
7440-66-6	Zinc	240	D*	12/19/2024	2014

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ31

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ19

Matrix: SOIL Lab Sample ID: P5172-13

% Solids: 96.9 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	17000	D	12/19/2024	2018
7440-36-0	Antimony	6.2	JD	12/19/2024	2018
7440-38-2	Arsenic	85	D	12/19/2024	2018
7440-39-3	Barium	200	D	12/19/2024	2018
7440-41-7	Beryllium	1.6	D	12/19/2024	2018
7440-43-9	Cadmium	0.86	D	12/19/2024	2018
7440-70-2	Calcium	6000	D	12/19/2024	2018
7440-47-3	Chromium	18	D	12/19/2024	2018
7440-48-4	Cobalt	19	D*	12/19/2024	2018
7440-50-8	Copper	49	D*	12/19/2024	2018
7439-89-6	Iron	38000	D	12/19/2024	2018
7439-92-1	Lead	56	D*	12/19/2024	2018
7439-95-4	Magnesium	5800	D	12/19/2024	2018
7439-96-5	Manganese	620	D	12/19/2024	2018
7440-02-0	Nickel	20	D*	12/19/2024	2018
7440-09-7	Potassium	1900	D	12/19/2024	2018
7782-49-2	Selenium	18	D	12/19/2024	2018
7440-22-4	Silver	0.89	JD [†]	12/19/2024	2018
7440-23-5	Sodium	170	JD	12/19/2024	2018
7440-28-0	Thallium	3.9	UD	12/19/2024	2018
7440-62-2	Vanadium	68	D	12/19/2024	2018
7440-66-6	Zinc	170	D*	12/19/2024	2018

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ32

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ19

Matrix: SOIL Lab Sample ID: P5172-14

% Solids: 97.3 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	15000	D	12/19/2024	2022
7440-36-0	Antimony	6.7	JD	12/19/2024	2022
7440-38-2	Arsenic	140	D	12/19/2024	2022
7440-39-3	Barium	160	D	12/19/2024	2022
7440-41-7	Beryllium	1.4	D	12/19/2024	2022
7440-43-9	Cadmium	1.1	D	12/19/2024	2022
7440-70-2	Calcium	5500	D	12/19/2024	2022
7440-47-3	Chromium	16	D	12/19/2024	2022
7440-48-4	Cobalt	17	D*	12/19/2024	2022
7440-50-8	Copper	53	D*	12/19/2024	2022
7439-89-6	Iron	39000	D	12/19/2024	2022
7439-92-1	Lead	94	D*	12/19/2024	2022
7439-95-4	Magnesium	5300	D	12/19/2024	2022
7439-96-5	Manganese	470	D	12/19/2024	2022
7440-02-0	Nickel	16	D*	12/19/2024	2022
7440-09-7	Potassium	1900	D	12/19/2024	2022
7782-49-2	Selenium	19	D	12/19/2024	2022
7440-22-4	Silver	1.2	JD [†]	12/19/2024	2022
7440-23-5	Sodium	230	JD	12/19/2024	2022
7440-28-0	Thallium	4.3	UD	12/19/2024	2022
7440-62-2	Vanadium	66	D	12/19/2024	2022
7440-66-6	Zinc	280	D*	12/19/2024	2022

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MYCZ33

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ19

Matrix: SOIL Lab Sample ID: P5172-15

% 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	14000	D	12/19/2024	2026
7440-36-0	Antimony	6.1	JD	12/19/2024	2026
7440-38-2	Arsenic	92	D	12/19/2024	2026
7440-39-3	Barium	150	D	12/19/2024	2026
7440-41-7	Beryllium	1.3	D	12/19/2024	2026
7440-43-9	Cadmium	0.74	JD	12/19/2024	2026
7440-70-2	Calcium	5400	D	12/19/2024	2026
7440-47-3	Chromium	15	D	12/19/2024	2026
7440-48-4	Cobalt	17	D*	12/19/2024	2026
7440-50-8	Copper	41	D*	12/19/2024	2026
7439-89-6	Iron	36000	D	12/19/2024	2026
7439-92-1	Lead	66	D*	12/19/2024	2026
7439-95-4	Magnesium	5300	D	12/19/2024	2026
7439-96-5	Manganese	530	D	12/19/2024	2026
7440-02-0	Nickel	16	D*	12/19/2024	2026
7440-09-7	Potassium	2100	D	12/19/2024	2026
7782-49-2	Selenium	18	D	12/19/2024	2026
7440-22-4	Silver	1.3	JD [†]	12/19/2024	2026
7440-23-5	Sodium	270	JD	12/19/2024	2026
7440-28-0	Thallium	4.5	UD	12/19/2024	2026
7440-62-2	Vanadium	64	D	12/19/2024	2026
7440-66-6	Zinc	190	D*	12/19/2024	2026

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

Comments:

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MYCZ34

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ19

Matrix: SOIL Lab Sample ID: P5172-16

% 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	15000	D	12/19/2024	2030
7440-36-0	Antimony	6.6	JD	12/19/2024	2030
7440-38-2	Arsenic	120	D	12/19/2024	2030
7440-39-3	Barium	150	D	12/19/2024	2030
7440-41-7	Beryllium	1.4	D	12/19/2024	2030
7440-43-9	Cadmium	1.0	D	12/19/2024	2030
7440-70-2	Calcium	5800	D	12/19/2024	2030
7440-47-3	Chromium	16	D	12/19/2024	2030
7440-48-4	Cobalt	18	D*	12/19/2024	2030
7440-50-8	Copper	43	D*	12/19/2024	2030
7439-89-6	Iron	39000	D	12/19/2024	2030
7439-92-1	Lead	82	D*	12/19/2024	2030
7439-95-4	Magnesium	5900	D	12/19/2024	2030
7439-96-5	Manganese	540	D	12/19/2024	2030
7440-02-0	Nickel	17	D*	12/19/2024	2030
7440-09-7	Potassium	2200	D	12/19/2024	2030
7782-49-2	Selenium	20	D	12/19/2024	2030
7440-22-4	Silver	1.8	D*	12/19/2024	2030
7440-23-5	Sodium	830	UD	12/19/2024	2030
7440-28-0	Thallium	4.1	UD	12/19/2024	2030
7440-62-2	Vanadium	66	D	12/19/2024	2030
7440-66-6	Zinc	240	D*	12/19/2024	2030

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

Comments:

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MYCZ35

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ19

Matrix: SOIL Lab Sample ID: P5172-17

% 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	14000	D	12/19/2024	2041
7440-36-0	Antimony	6.1	JD	12/19/2024	2041
7440-38-2	Arsenic	150	D	12/19/2024	2041
7440-39-3	Barium	140	D	12/19/2024	2041
7440-41-7	Beryllium	1.4	D	12/19/2024	2041
7440-43-9	Cadmium	1.2	D	12/19/2024	2041
7440-70-2	Calcium	5400	D	12/19/2024	2041
7440-47-3	Chromium	16	D	12/19/2024	2041
7440-48-4	Cobalt	18	D*	12/19/2024	2041
7440-50-8	Copper	45	D*	12/19/2024	2041
7439-89-6	Iron	37000	D	12/19/2024	2041
7439-92-1	Lead	95	D*	12/19/2024	2041
7439-95-4	Magnesium	5300	D	12/19/2024	2041
7439-96-5	Manganese	460	D	12/19/2024	2041
7440-02-0	Nickel	17	D*	12/19/2024	2041
7440-09-7	Potassium	2000	D	12/19/2024	2041
7782-49-2	Selenium	19	D	12/19/2024	2041
7440-22-4	Silver	1.1	JD [†]	12/19/2024	2041
7440-23-5	Sodium	360	JD	12/19/2024	2041
7440-28-0	Thallium	4.2	UD	12/19/2024	2041
7440-62-2	Vanadium	65	D	12/19/2024	2041
7440-66-6	Zinc	270	D*	12/19/2024	2041

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

Comments:

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MYCZ36

Lab Name: Alliance Technical Group, LLC

Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779

MA No. : 3226.1 SDG No.: MYCZ19

Matrix: SOIL

Lab Sample ID: P5172-18

% 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	13000	D	12/19/2024	2045
7440-36-0	Antimony	5.8	JD	12/19/2024	2045
7440-38-2	Arsenic	84	D	12/19/2024	2045
7440-39-3	Barium	200	D	12/19/2024	2045
7440-41-7	Beryllium	1.3	D	12/19/2024	2045
7440-43-9	Cadmium	0.75	JD	12/19/2024	2045
7440-70-2	Calcium	5400	D	12/19/2024	2045
7440-47-3	Chromium	17	D	12/19/2024	2045
7440-48-4	Cobalt	17	D*	12/19/2024	2045
7440-50-8	Copper	41	D*	12/19/2024	2045
7439-89-6	Iron	34000	D	12/19/2024	2045
7439-92-1	Lead	57	D*	12/19/2024	2045
7439-95-4	Magnesium	5200	D	12/19/2024	2045
7439-96-5	Manganese	750	D	12/19/2024	2045
7440-02-0	Nickel	17	D*	12/19/2024	2045
7440-09-7	Potassium	2100	D	12/19/2024	2045
7782-49-2	Selenium	16	D	12/19/2024	2045
7440-22-4	Silver	0.88	JD [†]	12/19/2024	2045
7440-23-5	Sodium	300	JD	12/19/2024	2045
7440-28-0	Thallium	4.5	UD	12/19/2024	2045
7440-62-2	Vanadium	59	D	12/19/2024	2045
7440-66-6	Zinc	180	D*	12/19/2024	2045

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

Comments:

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MYCZ37

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ19

Matrix: SOIL Lab Sample ID: P5172-19

% 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	13000	D	12/19/2024	2049
7440-36-0	Antimony	4.4	JD	12/19/2024	2049
7440-38-2	Arsenic	39	D	12/19/2024	2049
7440-39-3	Barium	150	D	12/19/2024	2049
7440-41-7	Beryllium	1.2	D	12/19/2024	2049
7440-43-9	Cadmium	0.80	JD	12/19/2024	2049
7440-70-2	Calcium	11000	D	12/19/2024	2049
7440-47-3	Chromium	19	D	12/19/2024	2049
7440-48-4	Cobalt	19	D*	12/19/2024	2049
7440-50-8	Copper	73	D*	12/19/2024	2049
7439-89-6	Iron	30000	D	12/19/2024	2049
7439-92-1	Lead	64	D*	12/19/2024	2049
7439-95-4	Magnesium	6900	D	12/19/2024	2049
7439-96-5	Manganese	630	D	12/19/2024	2049
7440-02-0	Nickel	21	D*	12/19/2024	2049
7440-09-7	Potassium	2700	D	12/19/2024	2049
7782-49-2	Selenium	13	D	12/19/2024	2049
7440-22-4	Silver	1.0	JD*	12/19/2024	2049
7440-23-5	Sodium	890	UD	12/19/2024	2049
7440-28-0	Thallium	4.4	UD	12/19/2024	2049
7440-62-2	Vanadium	48	D	12/19/2024	2049
7440-66-6	Zinc	140	D*	12/19/2024	2049

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ38

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZ19

Matrix: SOIL Lab Sample ID: P5172-20

% Solids: 98.2 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	0147
7440-36-0	Antimony	5.4	JD	12/19/2024	0147
7440-38-2	Arsenic	32	D	12/19/2024	0147
7440-39-3	Barium	200	D	12/19/2024	0147
7440-41-7	Beryllium	1.2	D	12/19/2024	0147
7440-43-9	Cadmium	0.95	D	12/19/2024	0147
7440-70-2	Calcium	9700	D	12/19/2024	0147
7440-47-3	Chromium	22	D	12/19/2024	0147
7440-48-4	Cobalt	18	D*	12/19/2024	0147
7440-50-8	Copper	80	D*	12/19/2024	0147
7439-89-6	Iron	29000	D	12/19/2024	0147
7439-92-1	Lead	90	D*	12/19/2024	0147
7439-95-4	Magnesium	6900	D	12/19/2024	0147
7439-96-5	Manganese	700	D	12/19/2024	0147
7440-02-0	Nickel	31	D*	12/19/2024	0147
7440-09-7	Potassium	4100	D	12/19/2024	0147
7782-49-2	Selenium	14	D	12/19/2024	0147
7440-22-4	Silver	1.1	JD [†]	12/19/2024	0147
7440-23-5	Sodium	290	JD	12/19/2024	0147
7440-28-0	Thallium	4.0	UD	12/19/2024	0147
7440-62-2	Vanadium	47	D	12/19/2024	0147
7440-66-6	Zinc	190	D*	12/19/2024	0147

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

Comments: