

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZH9

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZH9

Matrix: SOIL Lab Sample ID: P5189-01

% 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	9400	D	12/20/2024	0705
7440-36-0	Antimony	2.9	JD	12/20/2024	0705
7440-38-2	Arsenic	44	D	12/20/2024	0705
7440-39-3	Barium	120	D	12/20/2024	0705
7440-41-7	Beryllium	0.90	D	12/20/2024	0705
7440-43-9	Cadmium	0.70	JD	12/20/2024	0705
7440-70-2	Calcium	4700	D	12/20/2024	0705
7440-47-3	Chromium	14	D	12/20/2024	0705
7440-48-4	Cobalt	15	D	12/20/2024	0705
7440-50-8	Copper	36	D	12/20/2024	0705
7439-89-6	Iron	20000	D	12/20/2024	0705
7439-92-1	Lead	57	D	12/20/2024	0705
7439-95-4	Magnesium	4100	D	12/20/2024	0705
7439-96-5	Manganese	600	D	12/20/2024	0705
7440-02-0	Nickel	16	D	12/20/2024	0705
7440-09-7	Potassium	1600	D	12/20/2024	0705
7782-49-2	Selenium	8.7	D	12/20/2024	0705
7440-22-4	Silver	0.34	JD	12/20/2024	0705
7440-23-5	Sodium	670	JD	12/20/2024	0705
7440-28-0	Thallium	3.9	UD	12/20/2024	0705
7440-62-2	Vanadium	30	D	12/20/2024	0705
7440-66-6	Zinc	150	D	12/20/2024	0705

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

Comments:

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MYCZJ0

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZH9

Matrix: SOIL Lab Sample ID: P5189-02

% Solids: 99.1 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	10000	D	12/20/2024	0709
7440-36-0	Antimony	3.1	JD	12/20/2024	0709
7440-38-2	Arsenic	18	D	12/20/2024	0709
7440-39-3	Barium	110	D	12/20/2024	0709
7440-41-7	Beryllium	0.94	D	12/20/2024	0709
7440-43-9	Cadmium	0.17	JD	12/20/2024	0709
7440-70-2	Calcium	4100	D	12/20/2024	0709
7440-47-3	Chromium	16	D	12/20/2024	0709
7440-48-4	Cobalt	15	D	12/20/2024	0709
7440-50-8	Copper	19	D	12/20/2024	0709
7439-89-6	Iron	21000	D	12/20/2024	0709
7439-92-1	Lead	17	D	12/20/2024	0709
7439-95-4	Magnesium	4200	D	12/20/2024	0709
7439-96-5	Manganese	640	D	12/20/2024	0709
7440-02-0	Nickel	14	D	12/20/2024	0709
7440-09-7	Potassium	2200	D	12/20/2024	0709
7782-49-2	Selenium	9.8	D	12/20/2024	0709
7440-22-4	Silver	0.16	JD	12/20/2024	0709
7440-23-5	Sodium	700	JD	12/20/2024	0709
7440-28-0	Thallium	4.0	UD	12/20/2024	0709
7440-62-2	Vanadium	35	D	12/20/2024	0709
7440-66-6	Zinc	50	D	12/20/2024	0709

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

Comments:

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MYCZJ1

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZH9

Matrix: SOIL Lab Sample ID: P5189-03

% Solids: 96.7 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	22000	D	12/20/2024	0713
7440-36-0	Antimony	6.9	JD	12/20/2024	0713
7440-38-2	Arsenic	44	D	12/20/2024	0713
7440-39-3	Barium	82	D	12/20/2024	0713
7440-41-7	Beryllium	1.1	D	12/20/2024	0713
7440-43-9	Cadmium	0.36	JD	12/20/2024	0713
7440-70-2	Calcium	7700	D	12/20/2024	0713
7440-47-3	Chromium	52	D	12/20/2024	0713
7440-48-4	Cobalt	65	D	12/20/2024	0713
7440-50-8	Copper	94	D	12/20/2024	0713
7439-89-6	Iron	48000	D	12/20/2024	0713
7439-92-1	Lead	14	D	12/20/2024	0713
7439-95-4	Magnesium	15000	D	12/20/2024	0713
7439-96-5	Manganese	1500	D	12/20/2024	0713
7440-02-0	Nickel	63	D	12/20/2024	0713
7440-09-7	Potassium	760	JD	12/20/2024	0713
7782-49-2	Selenium	23	D	12/20/2024	0713
7440-22-4	Silver	0.53	JD	12/20/2024	0713
7440-23-5	Sodium	640	JD	12/20/2024	0713
7440-28-0	Thallium	4.0	UD	12/20/2024	0713
7440-62-2	Vanadium	94	D	12/20/2024	0713
7440-66-6	Zinc	59	D	12/20/2024	0713

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

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MYCZJ2

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZH9

Matrix: SOIL Lab Sample ID: P5189-04

% 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	21000	D	12/20/2024	0717
7440-36-0	Antimony	7.0	JD	12/20/2024	0717
7440-38-2	Arsenic	42	D	12/20/2024	0717
7440-39-3	Barium	78	D	12/20/2024	0717
7440-41-7	Beryllium	1.1	D	12/20/2024	0717
7440-43-9	Cadmium	0.32	JD	12/20/2024	0717
7440-70-2	Calcium	7500	D	12/20/2024	0717
7440-47-3	Chromium	48	D	12/20/2024	0717
7440-48-4	Cobalt	64	D	12/20/2024	0717
7440-50-8	Copper	89	D	12/20/2024	0717
7439-89-6	Iron	46000	D	12/20/2024	0717
7439-92-1	Lead	14	D	12/20/2024	0717
7439-95-4	Magnesium	14000	D	12/20/2024	0717
7439-96-5	Manganese	1400	D	12/20/2024	0717
7440-02-0	Nickel	59	D	12/20/2024	0717
7440-09-7	Potassium	660	JD	12/20/2024	0717
7782-49-2	Selenium	21	D	12/20/2024	0717
7440-22-4	Silver	0.46	JD	12/20/2024	0717
7440-23-5	Sodium	580	JD	12/20/2024	0717
7440-28-0	Thallium	3.8	UD	12/20/2024	0717
7440-62-2	Vanadium	88	D	12/20/2024	0717
7440-66-6	Zinc	55	D	12/20/2024	0717

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

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MYCZJ3

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZH9

Matrix: SOIL Lab Sample ID: P5189-05

% 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	18000	D	12/20/2024	0721
7440-36-0	Antimony	5.8	JD	12/20/2024	0721
7440-38-2	Arsenic	27	D	12/20/2024	0721
7440-39-3	Barium	78	D	12/20/2024	0721
7440-41-7	Beryllium	1.1	D	12/20/2024	0721
7440-43-9	Cadmium	0.23	JD	12/20/2024	0721
7440-70-2	Calcium	5400	D	12/20/2024	0721
7440-47-3	Chromium	49	D	12/20/2024	0721
7440-48-4	Cobalt	25	D	12/20/2024	0721
7440-50-8	Copper	46	D	12/20/2024	0721
7439-89-6	Iron	37000	D	12/20/2024	0721
7439-92-1	Lead	15	D	12/20/2024	0721
7439-95-4	Magnesium	13000	D	12/20/2024	0721
7439-96-5	Manganese	710	D	12/20/2024	0721
7440-02-0	Nickel	42	D	12/20/2024	0721
7440-09-7	Potassium	1200	D	12/20/2024	0721
7782-49-2	Selenium	17	D	12/20/2024	0721
7440-22-4	Silver	0.36	JD	12/20/2024	0721
7440-23-5	Sodium	650	JD	12/20/2024	0721
7440-28-0	Thallium	3.9	UD	12/20/2024	0721
7440-62-2	Vanadium	83	D	12/20/2024	0721
7440-66-6	Zinc	76	D	12/20/2024	0721

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

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MYCZJ4

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZH9

Matrix: SOIL Lab Sample ID: P5189-06

% 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	28000	D	12/20/2024	0725
7440-36-0	Antimony	9.4	JD	12/20/2024	0725
7440-38-2	Arsenic	32	D	12/20/2024	0725
7440-39-3	Barium	36	D	12/20/2024	0725
7440-41-7	Beryllium	1.3	D	12/20/2024	0725
7440-43-9	Cadmium	0.22	JD	12/20/2024	0725
7440-70-2	Calcium	6500	D	12/20/2024	0725
7440-47-3	Chromium	94	D	12/20/2024	0725
7440-48-4	Cobalt	40	D	12/20/2024	0725
7440-50-8	Copper	82	D	12/20/2024	0725
7439-89-6	Iron	58000	D	12/20/2024	0725
7439-92-1	Lead	11	D	12/20/2024	0725
7439-95-4	Magnesium	24000	D	12/20/2024	0725
7439-96-5	Manganese	870	D	12/20/2024	0725
7440-02-0	Nickel	73	D	12/20/2024	0725
7440-09-7	Potassium	500	JD	12/20/2024	0725
7782-49-2	Selenium	28	D	12/20/2024	0725
7440-22-4	Silver	0.39	JD	12/20/2024	0725
7440-23-5	Sodium	910	D	12/20/2024	0725
7440-28-0	Thallium	4.0	UD	12/20/2024	0725
7440-62-2	Vanadium	160	D	12/20/2024	0725
7440-66-6	Zinc	99	D	12/20/2024	0725

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

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MYCZJ5

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZH9

Matrix: SOIL Lab Sample ID: P5189-07

% 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	25000	D	12/20/2024	0728
7440-36-0	Antimony	8.5	JD	12/20/2024	0728
7440-38-2	Arsenic	33	D	12/20/2024	0728
7440-39-3	Barium	59	D	12/20/2024	0728
7440-41-7	Beryllium	1.3	D	12/20/2024	0728
7440-43-9	Cadmium	0.24	JD	12/20/2024	0728
7440-70-2	Calcium	6300	D	12/20/2024	0728
7440-47-3	Chromium	80	D	12/20/2024	0728
7440-48-4	Cobalt	35	D	12/20/2024	0728
7440-50-8	Copper	66	D	12/20/2024	0728
7439-89-6	Iron	52000	D	12/20/2024	0728
7439-92-1	Lead	14	D	12/20/2024	0728
7439-95-4	Magnesium	20000	D	12/20/2024	0728
7439-96-5	Manganese	870	D	12/20/2024	0728
7440-02-0	Nickel	64	D	12/20/2024	0728
7440-09-7	Potassium	700	JD	12/20/2024	0728
7782-49-2	Selenium	25	D	12/20/2024	0728
7440-22-4	Silver	0.53	JD	12/20/2024	0728
7440-23-5	Sodium	790	JD	12/20/2024	0728
7440-28-0	Thallium	4.1	UD	12/20/2024	0728
7440-62-2	Vanadium	130	D	12/20/2024	0728
7440-66-6	Zinc	91	D	12/20/2024	0728

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

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MYCZJ6

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZH9

Matrix: SOIL Lab Sample ID: P5189-08

% 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	26000	D	12/20/2024	0732
7440-36-0	Antimony	9.1	JD	12/20/2024	0732
7440-38-2	Arsenic	26	D	12/20/2024	0732
7440-39-3	Barium	36	D	12/20/2024	0732
7440-41-7	Beryllium	1.3	D	12/20/2024	0732
7440-43-9	Cadmium	0.13	JD	12/20/2024	0732
7440-70-2	Calcium	6000	D	12/20/2024	0732
7440-47-3	Chromium	85	D	12/20/2024	0732
7440-48-4	Cobalt	33	D	12/20/2024	0732
7440-50-8	Copper	75	D	12/20/2024	0732
7439-89-6	Iron	54000	D	12/20/2024	0732
7439-92-1	Lead	10	D	12/20/2024	0732
7439-95-4	Magnesium	22000	D	12/20/2024	0732
7439-96-5	Manganese	800	D	12/20/2024	0732
7440-02-0	Nickel	66	D	12/20/2024	0732
7440-09-7	Potassium	200	JD	12/20/2024	0732
7782-49-2	Selenium	25	D	12/20/2024	0732
7440-22-4	Silver	0.27	JD	12/20/2024	0732
7440-23-5	Sodium	840	JD	12/20/2024	0732
7440-28-0	Thallium	4.4	UD	12/20/2024	0732
7440-62-2	Vanadium	140	D	12/20/2024	0732
7440-66-6	Zinc	75	D	12/20/2024	0732

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

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MYCZJ7

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZH9

Matrix: SOIL Lab Sample ID: P5189-09

% 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	8700	D	12/20/2024	0736
7440-36-0	Antimony	9.1	UD	12/20/2024	0736
7440-38-2	Arsenic	26	D	12/20/2024	0736
7440-39-3	Barium	130	D	12/20/2024	0736
7440-41-7	Beryllium	0.63	JD	12/20/2024	0736
7440-43-9	Cadmium	0.20	JD	12/20/2024	0736
7440-70-2	Calcium	38000	D	12/20/2024	0736
7440-47-3	Chromium	30	D	12/20/2024	0736
7440-48-4	Cobalt	17	D	12/20/2024	0736
7440-50-8	Copper	23	D	12/20/2024	0736
7439-89-6	Iron	14000	D	12/20/2024	0736
7439-92-1	Lead	27	D	12/20/2024	0736
7439-95-4	Magnesium	6200	D	12/20/2024	0736
7439-96-5	Manganese	760	D	12/20/2024	0736
7440-02-0	Nickel	31	D	12/20/2024	0736
7440-09-7	Potassium	1300	D	12/20/2024	0736
7782-49-2	Selenium	2.4	JD	12/20/2024	0736
7440-22-4	Silver	0.26	JD	12/20/2024	0736
7440-23-5	Sodium	780	D	12/20/2024	0736
7440-28-0	Thallium	3.8	UD	12/20/2024	0736
7440-62-2	Vanadium	26	D	12/20/2024	0736
7440-66-6	Zinc	62	D	12/20/2024	0736

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

Comments:

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MYCZJ8

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZH9

Matrix: SOIL Lab Sample ID: P5189-10

% 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	8900	D	12/20/2024	0740
7440-36-0	Antimony	1.7	JD	12/20/2024	0740
7440-38-2	Arsenic	29	D	12/20/2024	0740
7440-39-3	Barium	120	D	12/20/2024	0740
7440-41-7	Beryllium	0.76	D	12/20/2024	0740
7440-43-9	Cadmium	0.28	JD	12/20/2024	0740
7440-70-2	Calcium	16000	D	12/20/2024	0740
7440-47-3	Chromium	19	D	12/20/2024	0740
7440-48-4	Cobalt	16	D	12/20/2024	0740
7440-50-8	Copper	22	D	12/20/2024	0740
7439-89-6	Iron	18000	D	12/20/2024	0740
7439-92-1	Lead	24	D	12/20/2024	0740
7439-95-4	Magnesium	4900	D	12/20/2024	0740
7439-96-5	Manganese	580	D	12/20/2024	0740
7440-02-0	Nickel	21	D	12/20/2024	0740
7440-09-7	Potassium	1500	D	12/20/2024	0740
7782-49-2	Selenium	5.8	D	12/20/2024	0740
7440-22-4	Silver	0.18	JD	12/20/2024	0740
7440-23-5	Sodium	560	JD	12/20/2024	0740
7440-28-0	Thallium	3.4	UD	12/20/2024	0740
7440-62-2	Vanadium	30	D	12/20/2024	0740
7440-66-6	Zinc	91	D	12/20/2024	0740

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MYCZJ9

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZH9

Matrix: SOIL Lab Sample ID: P5189-11

% 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	26000	D	12/20/2024	0744
7440-36-0	Antimony	8.2	JD	12/20/2024	0744
7440-38-2	Arsenic	28	D	12/20/2024	0744
7440-39-3	Barium	55	D	12/20/2024	0744
7440-41-7	Beryllium	1.3	D	12/20/2024	0744
7440-43-9	Cadmium	0.23	JD	12/20/2024	0744
7440-70-2	Calcium	7300	D	12/20/2024	0744
7440-47-3	Chromium	87	D	12/20/2024	0744
7440-48-4	Cobalt	41	D	12/20/2024	0744
7440-50-8	Copper	84	D	12/20/2024	0744
7439-89-6	Iron	54000	D	12/20/2024	0744
7439-92-1	Lead	12	D	12/20/2024	0744
7439-95-4	Magnesium	22000	D	12/20/2024	0744
7439-96-5	Manganese	910	D	12/20/2024	0744
7440-02-0	Nickel	72	D	12/20/2024	0744
7440-09-7	Potassium	320	JD	12/20/2024	0744
7782-49-2	Selenium	25	D	12/20/2024	0744
7440-22-4	Silver	1.7	UD	12/20/2024	0744
7440-23-5	Sodium	690	JD	12/20/2024	0744
7440-28-0	Thallium	4.3	UD	12/20/2024	0744
7440-62-2	Vanadium	140	D	12/20/2024	0744
7440-66-6	Zinc	86	D	12/20/2024	0744

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZK0

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZH9

Matrix: SOIL Lab Sample ID: P5189-12

% Solids: 95 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	12/20/2024	0748
7440-36-0	Antimony	3.5	JD	12/20/2024	0748
7440-38-2	Arsenic	26	D	12/20/2024	0748
7440-39-3	Barium	130	D	12/20/2024	0748
7440-41-7	Beryllium	1.1	D	12/20/2024	0748
7440-43-9	Cadmium	0.32	JD	12/20/2024	0748
7440-70-2	Calcium	15000	D	12/20/2024	0748
7440-47-3	Chromium	13	D	12/20/2024	0748
7440-48-4	Cobalt	27	D	12/20/2024	0748
7440-50-8	Copper	31	D	12/20/2024	0748
7439-89-6	Iron	31000	D	12/20/2024	0748
7439-92-1	Lead	32	D	12/20/2024	0748
7439-95-4	Magnesium	9300	D	12/20/2024	0748
7439-96-5	Manganese	1000	D	12/20/2024	0748
7440-02-0	Nickel	18	D	12/20/2024	0748
7440-09-7	Potassium	1100	D	12/20/2024	0748
7782-49-2	Selenium	13	D	12/20/2024	0748
7440-22-4	Silver	0.48	JD	12/20/2024	0748
7440-23-5	Sodium	690	JD	12/20/2024	0748
7440-28-0	Thallium	4.1	UD	12/20/2024	0748
7440-62-2	Vanadium	52	D	12/20/2024	0748
7440-66-6	Zinc	83	D	12/20/2024	0748

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZK1

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZH9

Matrix: SOIL Lab Sample ID: P5189-13

% 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	5600	D	12/20/2024	0759
7440-36-0	Antimony	1.5	JD	12/20/2024	0759
7440-38-2	Arsenic	6.6	D	12/20/2024	0759
7440-39-3	Barium	58	D	12/20/2024	0759
7440-41-7	Beryllium	0.45	JD	12/20/2024	0759
7440-43-9	Cadmium	0.072	JD	12/20/2024	0759
7440-70-2	Calcium	5700	D	12/20/2024	0759
7440-47-3	Chromium	7.8	D	12/20/2024	0759
7440-48-4	Cobalt	10	D	12/20/2024	0759
7440-50-8	Copper	13	D	12/20/2024	0759
7439-89-6	Iron	12000	D	12/20/2024	0759
7439-92-1	Lead	8.5	D	12/20/2024	0759
7439-95-4	Magnesium	3300	D	12/20/2024	0759
7439-96-5	Manganese	330	D	12/20/2024	0759
7440-02-0	Nickel	9.0	D	12/20/2024	0759
7440-09-7	Potassium	740	D	12/20/2024	0759
7782-49-2	Selenium	3.9	JD	12/20/2024	0759
7440-22-4	Silver	0.19	JD	12/20/2024	0759
7440-23-5	Sodium	590	JD	12/20/2024	0759
7440-28-0	Thallium	3.7	UD	12/20/2024	0759
7440-62-2	Vanadium	23	D	12/20/2024	0759
7440-66-6	Zinc	24	D	12/20/2024	0759

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

Comments:

FORM 1 - IN
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MYCZK2

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZH9

Matrix: SOIL Lab Sample ID: P5189-14

% Solids: 94.6 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	14000	D	12/20/2024	0803
7440-36-0	Antimony	2.8	JD	12/20/2024	0803
7440-38-2	Arsenic	20	D	12/20/2024	0803
7440-39-3	Barium	120	D	12/20/2024	0803
7440-41-7	Beryllium	0.93	D	12/20/2024	0803
7440-43-9	Cadmium	0.20	JD	12/20/2024	0803
7440-70-2	Calcium	16000	D	12/20/2024	0803
7440-47-3	Chromium	13	D	12/20/2024	0803
7440-48-4	Cobalt	22	D	12/20/2024	0803
7440-50-8	Copper	24	D	12/20/2024	0803
7439-89-6	Iron	26000	D	12/20/2024	0803
7439-92-1	Lead	20	D	12/20/2024	0803
7439-95-4	Magnesium	8100	D	12/20/2024	0803
7439-96-5	Manganese	840	D	12/20/2024	0803
7440-02-0	Nickel	17	D	12/20/2024	0803
7440-09-7	Potassium	1000	D	12/20/2024	0803
7782-49-2	Selenium	10	D	12/20/2024	0803
7440-22-4	Silver	0.22	JD	12/20/2024	0803
7440-23-5	Sodium	720	JD	12/20/2024	0803
7440-28-0	Thallium	3.8	UD	12/20/2024	0803
7440-62-2	Vanadium	42	D	12/20/2024	0803
7440-66-6	Zinc	66	D	12/20/2024	0803

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZK3

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZH9

Matrix: SOIL Lab Sample ID: P5189-15

% Solids: 97 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	23000	D	12/20/2024	0807
7440-36-0	Antimony	7.9	JD	12/20/2024	0807
7440-38-2	Arsenic	23	D	12/20/2024	0807
7440-39-3	Barium	33	D	12/20/2024	0807
7440-41-7	Beryllium	1.1	D	12/20/2024	0807
7440-43-9	Cadmium	0.15	JD	12/20/2024	0807
7440-70-2	Calcium	5400	D	12/20/2024	0807
7440-47-3	Chromium	76	D	12/20/2024	0807
7440-48-4	Cobalt	30	D	12/20/2024	0807
7440-50-8	Copper	68	D	12/20/2024	0807
7439-89-6	Iron	49000	D	12/20/2024	0807
7439-92-1	Lead	8.7	D	12/20/2024	0807
7439-95-4	Magnesium	20000	D	12/20/2024	0807
7439-96-5	Manganese	720	D	12/20/2024	0807
7440-02-0	Nickel	60	D	12/20/2024	0807
7440-09-7	Potassium	180	JD	12/20/2024	0807
7782-49-2	Selenium	23	D	12/20/2024	0807
7440-22-4	Silver	0.30	JD	12/20/2024	0807
7440-23-5	Sodium	670	JD	12/20/2024	0807
7440-28-0	Thallium	3.9	UD	12/20/2024	0807
7440-62-2	Vanadium	130	D	12/20/2024	0807
7440-66-6	Zinc	70	D	12/20/2024	0807

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZK4

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZH9

Matrix: SOIL Lab Sample ID: P5189-16

% Solids: 96.5 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	15000	D	12/20/2024	0811
7440-36-0	Antimony	3.2	JD	12/20/2024	0811
7440-38-2	Arsenic	16	D	12/20/2024	0811
7440-39-3	Barium	130	D	12/20/2024	0811
7440-41-7	Beryllium	0.99	D	12/20/2024	0811
7440-43-9	Cadmium	0.21	JD	12/20/2024	0811
7440-70-2	Calcium	12000	D	12/20/2024	0811
7440-47-3	Chromium	13	D	12/20/2024	0811
7440-48-4	Cobalt	23	D	12/20/2024	0811
7440-50-8	Copper	27	D	12/20/2024	0811
7439-89-6	Iron	28000	D	12/20/2024	0811
7439-92-1	Lead	14	D	12/20/2024	0811
7439-95-4	Magnesium	8900	D	12/20/2024	0811
7439-96-5	Manganese	880	D	12/20/2024	0811
7440-02-0	Nickel	19	D	12/20/2024	0811
7440-09-7	Potassium	1100	D	12/20/2024	0811
7782-49-2	Selenium	11	D	12/20/2024	0811
7440-22-4	Silver	1.6	UD	12/20/2024	0811
7440-23-5	Sodium	730	JD	12/20/2024	0811
7440-28-0	Thallium	4.1	UD	12/20/2024	0811
7440-62-2	Vanadium	43	D	12/20/2024	0811
7440-66-6	Zinc	58	D	12/20/2024	0811

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

Comments:

FORM 1 - IN
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MYCZK5

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZH9

Matrix: SOIL Lab Sample ID: P5189-17

% Solids: 95.7 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	14000	D	12/20/2024	0815
7440-36-0	Antimony	3.3	JD	12/20/2024	0815
7440-38-2	Arsenic	20	D	12/20/2024	0815
7440-39-3	Barium	140	D	12/20/2024	0815
7440-41-7	Beryllium	0.92	D	12/20/2024	0815
7440-43-9	Cadmium	0.21	JD	12/20/2024	0815
7440-70-2	Calcium	12000	D	12/20/2024	0815
7440-47-3	Chromium	12	D	12/20/2024	0815
7440-48-4	Cobalt	23	D	12/20/2024	0815
7440-50-8	Copper	26	D	12/20/2024	0815
7439-89-6	Iron	27000	D	12/20/2024	0815
7439-92-1	Lead	19	D	12/20/2024	0815
7439-95-4	Magnesium	8100	D	12/20/2024	0815
7439-96-5	Manganese	910	D	12/20/2024	0815
7440-02-0	Nickel	17	D	12/20/2024	0815
7440-09-7	Potassium	1000	D	12/20/2024	0815
7782-49-2	Selenium	11	D	12/20/2024	0815
7440-22-4	Silver	0.20	JD	12/20/2024	0815
7440-23-5	Sodium	560	JD	12/20/2024	0815
7440-28-0	Thallium	4.0	UD	12/20/2024	0815
7440-62-2	Vanadium	46	D	12/20/2024	0815
7440-66-6	Zinc	57	D	12/20/2024	0815

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZK6

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZH9

Matrix: SOIL Lab Sample ID: P5189-18

% Solids: 96.7 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	12000	D	12/20/2024	0818
7440-36-0	Antimony	1.8	JD	12/20/2024	0818
7440-38-2	Arsenic	13	D	12/20/2024	0818
7440-39-3	Barium	200	D	12/20/2024	0818
7440-41-7	Beryllium	0.98	D	12/20/2024	0818
7440-43-9	Cadmium	0.17	JD	12/20/2024	0818
7440-70-2	Calcium	8700	D	12/20/2024	0818
7440-47-3	Chromium	15	D	12/20/2024	0818
7440-48-4	Cobalt	16	D	12/20/2024	0818
7440-50-8	Copper	18	D	12/20/2024	0818
7439-89-6	Iron	18000	D	12/20/2024	0818
7439-92-1	Lead	13	D	12/20/2024	0818
7439-95-4	Magnesium	6500	D	12/20/2024	0818
7439-96-5	Manganese	590	D	12/20/2024	0818
7440-02-0	Nickel	19	D	12/20/2024	0818
7440-09-7	Potassium	1300	D	12/20/2024	0818
7782-49-2	Selenium	6.3	D	12/20/2024	0818
7440-22-4	Silver	0.17	JD	12/20/2024	0818
7440-23-5	Sodium	640	JD	12/20/2024	0818
7440-28-0	Thallium	4.4	UD	12/20/2024	0818
7440-62-2	Vanadium	27	D	12/20/2024	0818
7440-66-6	Zinc	45	D	12/20/2024	0818

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZK7

Lab Name: Alliance Technical Group, LLC

Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779

MA No. : 3226.1 SDG No.: MYCZH9

Matrix: SOIL

Lab Sample ID: P5189-19

% Solids: 96.7

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	12/20/2024	0822
7440-36-0	Antimony	1.7	JD	12/20/2024	0822
7440-38-2	Arsenic	15	D	12/20/2024	0822
7440-39-3	Barium	170	D	12/20/2024	0822
7440-41-7	Beryllium	0.91	D	12/20/2024	0822
7440-43-9	Cadmium	0.23	JD	12/20/2024	0822
7440-70-2	Calcium	11000	D	12/20/2024	0822
7440-47-3	Chromium	16	D	12/20/2024	0822
7440-48-4	Cobalt	15	D	12/20/2024	0822
7440-50-8	Copper	25	D	12/20/2024	0822
7439-89-6	Iron	18000	D	12/20/2024	0822
7439-92-1	Lead	28	D	12/20/2024	0822
7439-95-4	Magnesium	6400	D	12/20/2024	0822
7439-96-5	Manganese	530	D	12/20/2024	0822
7440-02-0	Nickel	18	D	12/20/2024	0822
7440-09-7	Potassium	2500	D	12/20/2024	0822
7782-49-2	Selenium	6.1	D	12/20/2024	0822
7440-22-4	Silver	0.28	JD	12/20/2024	0822
7440-23-5	Sodium	620	JD	12/20/2024	0822
7440-28-0	Thallium	4.3	UD	12/20/2024	0822
7440-62-2	Vanadium	28	D	12/20/2024	0822
7440-66-6	Zinc	67	D	12/20/2024	0822

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZK8

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZH9

Matrix: SOIL Lab Sample ID: P5189-20

% 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	11000	D	12/20/2024	0826
7440-36-0	Antimony	1.7	JD	12/20/2024	0826
7440-38-2	Arsenic	12	D	12/20/2024	0826
7440-39-3	Barium	170	D	12/20/2024	0826
7440-41-7	Beryllium	0.88	D	12/20/2024	0826
7440-43-9	Cadmium	0.17	JD	12/20/2024	0826
7440-70-2	Calcium	7700	D	12/20/2024	0826
7440-47-3	Chromium	13	D	12/20/2024	0826
7440-48-4	Cobalt	15	D	12/20/2024	0826
7440-50-8	Copper	21	D	12/20/2024	0826
7439-89-6	Iron	17000	D	12/20/2024	0826
7439-92-1	Lead	18	D	12/20/2024	0826
7439-95-4	Magnesium	5900	D	12/20/2024	0826
7439-96-5	Manganese	570	D	12/20/2024	0826
7440-02-0	Nickel	17	D	12/20/2024	0826
7440-09-7	Potassium	2200	D	12/20/2024	0826
7782-49-2	Selenium	6.7	D	12/20/2024	0826
7440-22-4	Silver	1.7	UD	12/20/2024	0826
7440-23-5	Sodium	720	JD	12/20/2024	0826
7440-28-0	Thallium	4.2	UD	12/20/2024	0826
7440-62-2	Vanadium	26	D	12/20/2024	0826
7440-66-6	Zinc	65	D	12/20/2024	0826

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

Comments: