

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZG9

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZG9

Matrix: SOIL Lab Sample ID: P5188-01

% 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	11000	D*	12/21/2024	0032
7440-36-0	Antimony	3.5	JD	12/21/2024	0032
7440-38-2	Arsenic	25	D*	12/21/2024	0032
7440-39-3	Barium	120	D*	12/21/2024	0032
7440-41-7	Beryllium	0.90	D	12/21/2024	0032
7440-43-9	Cadmium	0.61	JD	12/21/2024	0032
7440-70-2	Calcium	8400	D*	12/21/2024	0032
7440-47-3	Chromium	21	D*	12/21/2024	0032
7440-48-4	Cobalt	25	D	12/21/2024	0032
7440-50-8	Copper	43	D	12/21/2024	0032
7439-89-6	Iron	22000	D*	12/21/2024	0032
7439-92-1	Lead	41	D*	12/21/2024	0032
7439-95-4	Magnesium	6300	D*	12/21/2024	0032
7439-96-5	Manganese	730	D*	12/21/2024	0032
7440-02-0	Nickel	21	D	12/21/2024	0032
7440-09-7	Potassium	2600	D	12/21/2024	0032
7782-49-2	Selenium	10	D	12/21/2024	0032
7440-22-4	Silver	1.6	JD [†]	12/21/2024	0032
7440-23-5	Sodium	840	UD	12/21/2024	0032
7440-28-0	Thallium	4.2	UD	12/21/2024	0032
7440-62-2	Vanadium	36	D*	12/21/2024	0032
7440-66-6	Zinc	120	D*	12/21/2024	0032

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

Comments:

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MYCZH0

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZG9

Matrix: SOIL Lab Sample ID: P5188-02

% Solids: 97.4 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	8400	D*	12/21/2024	0036
7440-36-0	Antimony	0.85	JD	12/21/2024	0036
7440-38-2	Arsenic	4.4	D*	12/21/2024	0036
7440-39-3	Barium	130	D*	12/21/2024	0036
7440-41-7	Beryllium	0.66	JD	12/21/2024	0036
7440-43-9	Cadmium	0.94	D	12/21/2024	0036
7440-70-2	Calcium	15000	D*	12/21/2024	0036
7440-47-3	Chromium	14	D*	12/21/2024	0036
7440-48-4	Cobalt	13	D	12/21/2024	0036
7440-50-8	Copper	39	D	12/21/2024	0036
7439-89-6	Iron	13000	D*	12/21/2024	0036
7439-92-1	Lead	68	D*	12/21/2024	0036
7439-95-4	Magnesium	5600	D*	12/21/2024	0036
7439-96-5	Manganese	500	D*	12/21/2024	0036
7440-02-0	Nickel	16	D	12/21/2024	0036
7440-09-7	Potassium	2300	D	12/21/2024	0036
7782-49-2	Selenium	4.1	JD	12/21/2024	0036
7440-22-4	Silver	0.96	JD [†]	12/21/2024	0036
7440-23-5	Sodium	320	JD	12/21/2024	0036
7440-28-0	Thallium	3.6	UD	12/21/2024	0036
7440-62-2	Vanadium	11	D*	12/21/2024	0036
7440-66-6	Zinc	850	D*	12/21/2024	0036

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

Comments:

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MYCZH1

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZG9

Matrix: SOIL Lab Sample ID: P5188-03

% 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*	12/21/2024	0040
7440-36-0	Antimony	3.3	JD	12/21/2024	0040
7440-38-2	Arsenic	32	D*	12/21/2024	0040
7440-39-3	Barium	210	D*	12/21/2024	0040
7440-41-7	Beryllium	1.0	D	12/21/2024	0040
7440-43-9	Cadmium	1.1	D	12/21/2024	0040
7440-70-2	Calcium	9700	D*	12/21/2024	0040
7440-47-3	Chromium	17	D*	12/21/2024	0040
7440-48-4	Cobalt	15	D	12/21/2024	0040
7440-50-8	Copper	46	D	12/21/2024	0040
7439-89-6	Iron	22000	D*	12/21/2024	0040
7439-92-1	Lead	110	D*	12/21/2024	0040
7439-95-4	Magnesium	5200	D*	12/21/2024	0040
7439-96-5	Manganese	580	D*	12/21/2024	0040
7440-02-0	Nickel	18	D	12/21/2024	0040
7440-09-7	Potassium	4200	D	12/21/2024	0040
7782-49-2	Selenium	9.1	D	12/21/2024	0040
7440-22-4	Silver	1.5	JD [†]	12/21/2024	0040
7440-23-5	Sodium	320	JD	12/21/2024	0040
7440-28-0	Thallium	4.0	UD	12/21/2024	0040
7440-62-2	Vanadium	34	D*	12/21/2024	0040
7440-66-6	Zinc	270	D*	12/21/2024	0040

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

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MYCZH2

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZG9

Matrix: SOIL Lab Sample ID: P5188-04

% 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	11000	D*	12/21/2024	0051
7440-36-0	Antimony	2.7	JD	12/21/2024	0051
7440-38-2	Arsenic	33	D*	12/21/2024	0051
7440-39-3	Barium	190	D*	12/21/2024	0051
7440-41-7	Beryllium	0.99	D	12/21/2024	0051
7440-43-9	Cadmium	1.2	D	12/21/2024	0051
7440-70-2	Calcium	12000	D*	12/21/2024	0051
7440-47-3	Chromium	20	D*	12/21/2024	0051
7440-48-4	Cobalt	15	D	12/21/2024	0051
7440-50-8	Copper	55	D	12/21/2024	0051
7439-89-6	Iron	20000	D*	12/21/2024	0051
7439-92-1	Lead	120	D*	12/21/2024	0051
7439-95-4	Magnesium	4800	D*	12/21/2024	0051
7439-96-5	Manganese	540	D*	12/21/2024	0051
7440-02-0	Nickel	19	D	12/21/2024	0051
7440-09-7	Potassium	2300	D	12/21/2024	0051
7782-49-2	Selenium	7.6	D	12/21/2024	0051
7440-22-4	Silver	1.7	D*	12/21/2024	0051
7440-23-5	Sodium	210	JD	12/21/2024	0051
7440-28-0	Thallium	4.3	UD	12/21/2024	0051
7440-62-2	Vanadium	33	D*	12/21/2024	0051
7440-66-6	Zinc	280	D*	12/21/2024	0051

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

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MYCZH3

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZG9

Matrix: SOIL Lab Sample ID: P5188-05

% Solids: 93.1 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	12000	D*	12/21/2024	0055
7440-36-0	Antimony	3.2	JD	12/21/2024	0055
7440-38-2	Arsenic	28	D*	12/21/2024	0055
7440-39-3	Barium	180	D*	12/21/2024	0055
7440-41-7	Beryllium	1.1	D	12/21/2024	0055
7440-43-9	Cadmium	0.49	JD	12/21/2024	0055
7440-70-2	Calcium	5400	D*	12/21/2024	0055
7440-47-3	Chromium	17	D*	12/21/2024	0055
7440-48-4	Cobalt	15	D	12/21/2024	0055
7440-50-8	Copper	48	D	12/21/2024	0055
7439-89-6	Iron	22000	D*	12/21/2024	0055
7439-92-1	Lead	49	D*	12/21/2024	0055
7439-95-4	Magnesium	4600	D*	12/21/2024	0055
7439-96-5	Manganese	550	D*	12/21/2024	0055
7440-02-0	Nickel	20	D	12/21/2024	0055
7440-09-7	Potassium	1600	D	12/21/2024	0055
7782-49-2	Selenium	10	D	12/21/2024	0055
7440-22-4	Silver	1.6	D*	12/21/2024	0055
7440-23-5	Sodium	200	JD	12/21/2024	0055
7440-28-0	Thallium	4.0	UD	12/21/2024	0055
7440-62-2	Vanadium	37	D*	12/21/2024	0055
7440-66-6	Zinc	120	D*	12/21/2024	0055

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

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MYCZH4

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZG9

Matrix: SOIL Lab Sample ID: P5188-06

% 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	12000	D*	12/21/2024	0059
7440-36-0	Antimony	3.2	JD	12/21/2024	0059
7440-38-2	Arsenic	21	D*	12/21/2024	0059
7440-39-3	Barium	220	D*	12/21/2024	0059
7440-41-7	Beryllium	1.1	D	12/21/2024	0059
7440-43-9	Cadmium	0.36	JD	12/21/2024	0059
7440-70-2	Calcium	5700	D*	12/21/2024	0059
7440-47-3	Chromium	16	D*	12/21/2024	0059
7440-48-4	Cobalt	15	D	12/21/2024	0059
7440-50-8	Copper	24	D	12/21/2024	0059
7439-89-6	Iron	21000	D*	12/21/2024	0059
7439-92-1	Lead	43	D*	12/21/2024	0059
7439-95-4	Magnesium	5100	D*	12/21/2024	0059
7439-96-5	Manganese	550	D*	12/21/2024	0059
7440-02-0	Nickel	17	D	12/21/2024	0059
7440-09-7	Potassium	2700	D	12/21/2024	0059
7782-49-2	Selenium	10	D	12/21/2024	0059
7440-22-4	Silver	1.4	JD [†]	12/21/2024	0059
7440-23-5	Sodium	810	UD	12/21/2024	0059
7440-28-0	Thallium	4.0	UD	12/21/2024	0059
7440-62-2	Vanadium	35	D*	12/21/2024	0059
7440-66-6	Zinc	130	D*	12/21/2024	0059

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

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MYCZH5

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZG9

Matrix: SOIL Lab Sample ID: P5188-07

% Solids: 97.5 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*	12/21/2024	0103
7440-36-0	Antimony	3.5	JD	12/21/2024	0103
7440-38-2	Arsenic	25	D*	12/21/2024	0103
7440-39-3	Barium	180	D*	12/21/2024	0103
7440-41-7	Beryllium	1.1	D	12/21/2024	0103
7440-43-9	Cadmium	0.76	JD	12/21/2024	0103
7440-70-2	Calcium	7800	D*	12/21/2024	0103
7440-47-3	Chromium	17	D*	12/21/2024	0103
7440-48-4	Cobalt	16	D	12/21/2024	0103
7440-50-8	Copper	38	D	12/21/2024	0103
7439-89-6	Iron	21000	D*	12/21/2024	0103
7439-92-1	Lead	73	D*	12/21/2024	0103
7439-95-4	Magnesium	4900	D*	12/21/2024	0103
7439-96-5	Manganese	600	D*	12/21/2024	0103
7440-02-0	Nickel	19	D	12/21/2024	0103
7440-09-7	Potassium	2800	D	12/21/2024	0103
7782-49-2	Selenium	9.3	D	12/21/2024	0103
7440-22-4	Silver	1.5	JD [†]	12/21/2024	0103
7440-23-5	Sodium	810	UD	12/21/2024	0103
7440-28-0	Thallium	4.1	UD	12/21/2024	0103
7440-62-2	Vanadium	33	D*	12/21/2024	0103
7440-66-6	Zinc	180	D*	12/21/2024	0103

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

Comments:

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MYCZH6

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZG9

Matrix: SOIL Lab Sample ID: P5188-08

% 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	8800	D*	12/21/2024	0106
7440-36-0	Antimony	3.8	JD	12/21/2024	0106
7440-38-2	Arsenic	100	D*	12/21/2024	0106
7440-39-3	Barium	110	D*	12/21/2024	0106
7440-41-7	Beryllium	0.88	D	12/21/2024	0106
7440-43-9	Cadmium	1.3	D	12/21/2024	0106
7440-70-2	Calcium	3400	D*	12/21/2024	0106
7440-47-3	Chromium	12	D*	12/21/2024	0106
7440-48-4	Cobalt	11	D	12/21/2024	0106
7440-50-8	Copper	51	D	12/21/2024	0106
7439-89-6	Iron	21000	D*	12/21/2024	0106
7439-92-1	Lead	150	D*	12/21/2024	0106
7439-95-4	Magnesium	3700	D*	12/21/2024	0106
7439-96-5	Manganese	450	D*	12/21/2024	0106
7440-02-0	Nickel	13	D	12/21/2024	0106
7440-09-7	Potassium	1700	D	12/21/2024	0106
7782-49-2	Selenium	10	D	12/21/2024	0106
7440-22-4	Silver	1.9	D*	12/21/2024	0106
7440-23-5	Sodium	260	JD	12/21/2024	0106
7440-28-0	Thallium	4.3	UD	12/21/2024	0106
7440-62-2	Vanadium	30	D*	12/21/2024	0106
7440-66-6	Zinc	260	D*	12/21/2024	0106

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

Comments:

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MYCZH7

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZG9

Matrix: SOIL Lab Sample ID: P5188-09

% 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	9800	D*	12/21/2024	0110
7440-36-0	Antimony	3.4	JD	12/21/2024	0110
7440-38-2	Arsenic	54	D*	12/21/2024	0110
7440-39-3	Barium	120	D*	12/21/2024	0110
7440-41-7	Beryllium	0.94	D	12/21/2024	0110
7440-43-9	Cadmium	0.89	D	12/21/2024	0110
7440-70-2	Calcium	3800	D*	12/21/2024	0110
7440-47-3	Chromium	14	D*	12/21/2024	0110
7440-48-4	Cobalt	13	D	12/21/2024	0110
7440-50-8	Copper	41	D	12/21/2024	0110
7439-89-6	Iron	20000	D*	12/21/2024	0110
7439-92-1	Lead	63	D*	12/21/2024	0110
7439-95-4	Magnesium	4200	D*	12/21/2024	0110
7439-96-5	Manganese	510	D*	12/21/2024	0110
7440-02-0	Nickel	15	D	12/21/2024	0110
7440-09-7	Potassium	1400	D	12/21/2024	0110
7782-49-2	Selenium	9.9	D	12/21/2024	0110
7440-22-4	Silver	1.5	D*	12/21/2024	0110
7440-23-5	Sodium	760	UD	12/21/2024	0110
7440-28-0	Thallium	3.8	UD	12/21/2024	0110
7440-62-2	Vanadium	32	D*	12/21/2024	0110
7440-66-6	Zinc	160	D*	12/21/2024	0110

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

Comments:

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MYCZH8

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZG9

Matrix: SOIL Lab Sample ID: P5188-10

% 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	9600	D*	12/21/2024	0114
7440-36-0	Antimony	2.7	JD	12/21/2024	0114
7440-38-2	Arsenic	36	D*	12/21/2024	0114
7440-39-3	Barium	130	D*	12/21/2024	0114
7440-41-7	Beryllium	0.87	D	12/21/2024	0114
7440-43-9	Cadmium	0.70	JD	12/21/2024	0114
7440-70-2	Calcium	4800	D*	12/21/2024	0114
7440-47-3	Chromium	14	D*	12/21/2024	0114
7440-48-4	Cobalt	14	D	12/21/2024	0114
7440-50-8	Copper	29	D	12/21/2024	0114
7439-89-6	Iron	18000	D*	12/21/2024	0114
7439-92-1	Lead	44	D*	12/21/2024	0114
7439-95-4	Magnesium	4800	D*	12/21/2024	0114
7439-96-5	Manganese	560	D*	12/21/2024	0114
7440-02-0	Nickel	18	D	12/21/2024	0114
7440-09-7	Potassium	1700	D	12/21/2024	0114
7782-49-2	Selenium	8.3	D	12/21/2024	0114
7440-22-4	Silver	1.4	JD [†]	12/21/2024	0114
7440-23-5	Sodium	830	UD	12/21/2024	0114
7440-28-0	Thallium	4.2	UD	12/21/2024	0114
7440-62-2	Vanadium	26	D*	12/21/2024	0114
7440-66-6	Zinc	140	D*	12/21/2024	0114

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

Comments:

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MYCZQ9

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZG9

Matrix: SOIL Lab Sample ID: P5188-11

% 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	18000	D*	12/21/2024	0118
7440-36-0	Antimony	8.3	JD	12/21/2024	0118
7440-38-2	Arsenic	16	D*	12/21/2024	0118
7440-39-3	Barium	31	D*	12/21/2024	0118
7440-41-7	Beryllium	1.0	D	12/21/2024	0118
7440-43-9	Cadmium	0.21	JD	12/21/2024	0118
7440-70-2	Calcium	4700	D*	12/21/2024	0118
7440-47-3	Chromium	48	D*	12/21/2024	0118
7440-48-4	Cobalt	30	D	12/21/2024	0118
7440-50-8	Copper	92	D	12/21/2024	0118
7439-89-6	Iron	41000	D*	12/21/2024	0118
7439-92-1	Lead	7.8	D*	12/21/2024	0118
7439-95-4	Magnesium	15000	D*	12/21/2024	0118
7439-96-5	Manganese	650	D*	12/21/2024	0118
7440-02-0	Nickel	49	D	12/21/2024	0118
7440-09-7	Potassium	120	JD	12/21/2024	0118
7782-49-2	Selenium	20	D	12/21/2024	0118
7440-22-4	Silver	2.6	D*	12/21/2024	0118
7440-23-5	Sodium	760	UD	12/21/2024	0118
7440-28-0	Thallium	3.8	UD	12/21/2024	0118
7440-62-2	Vanadium	100	D*	12/21/2024	0118
7440-66-6	Zinc	41	D*	12/21/2024	0118

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZR0

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZG9

Matrix: SOIL Lab Sample ID: P5188-12

% 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	18000	D*	12/21/2024	0122
7440-36-0	Antimony	8.4	JD	12/21/2024	0122
7440-38-2	Arsenic	17	D*	12/21/2024	0122
7440-39-3	Barium	27	JD [†]	12/21/2024	0122
7440-41-7	Beryllium	1.0	D	12/21/2024	0122
7440-43-9	Cadmium	0.24	JD	12/21/2024	0122
7440-70-2	Calcium	4500	D*	12/21/2024	0122
7440-47-3	Chromium	50	D*	12/21/2024	0122
7440-48-4	Cobalt	33	D	12/21/2024	0122
7440-50-8	Copper	100	D	12/21/2024	0122
7439-89-6	Iron	42000	D*	12/21/2024	0122
7439-92-1	Lead	8.7	D*	12/21/2024	0122
7439-95-4	Magnesium	15000	D*	12/21/2024	0122
7439-96-5	Manganese	670	D*	12/21/2024	0122
7440-02-0	Nickel	50	D	12/21/2024	0122
7440-09-7	Potassium	550	JD	12/21/2024	0122
7782-49-2	Selenium	20	D	12/21/2024	0122
7440-22-4	Silver	2.6	D*	12/21/2024	0122
7440-23-5	Sodium	800	UD	12/21/2024	0122
7440-28-0	Thallium	4.0	UD	12/21/2024	0122
7440-62-2	Vanadium	100	D*	12/21/2024	0122
7440-66-6	Zinc	50	D*	12/21/2024	0122

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZR1

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZG9

Matrix: SOIL Lab Sample ID: P5188-13

% 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*	12/21/2024	0126
7440-36-0	Antimony	5.1	JD	12/21/2024	0126
7440-38-2	Arsenic	14	D*	12/21/2024	0126
7440-39-3	Barium	72	D*	12/21/2024	0126
7440-41-7	Beryllium	0.84	D	12/21/2024	0126
7440-43-9	Cadmium	0.21	JD	12/21/2024	0126
7440-70-2	Calcium	4800	D*	12/21/2024	0126
7440-47-3	Chromium	29	D*	12/21/2024	0126
7440-48-4	Cobalt	21	D	12/21/2024	0126
7440-50-8	Copper	59	D	12/21/2024	0126
7439-89-6	Iron	28000	D*	12/21/2024	0126
7439-92-1	Lead	9.9	D*	12/21/2024	0126
7439-95-4	Magnesium	9700	D*	12/21/2024	0126
7439-96-5	Manganese	600	D*	12/21/2024	0126
7440-02-0	Nickel	31	D	12/21/2024	0126
7440-09-7	Potassium	1400	D	12/21/2024	0126
7782-49-2	Selenium	14	D	12/21/2024	0126
7440-22-4	Silver	1.8	D*	12/21/2024	0126
7440-23-5	Sodium	270	JD	12/21/2024	0126
7440-28-0	Thallium	3.9	UD	12/21/2024	0126
7440-62-2	Vanadium	62	D*	12/21/2024	0126
7440-66-6	Zinc	41	D*	12/21/2024	0126

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZR2

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZG9

Matrix: SOIL Lab Sample ID: P5188-14

% Solids: 86.8 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*	12/21/2024	0129
7440-36-0	Antimony	3.6	JD	12/21/2024	0129
7440-38-2	Arsenic	12	D*	12/21/2024	0129
7440-39-3	Barium	130	D*	12/21/2024	0129
7440-41-7	Beryllium	0.93	D	12/21/2024	0129
7440-43-9	Cadmium	0.34	JD	12/21/2024	0129
7440-70-2	Calcium	6000	D*	12/21/2024	0129
7440-47-3	Chromium	10	D*	12/21/2024	0129
7440-48-4	Cobalt	16	D	12/21/2024	0129
7440-50-8	Copper	35	D	12/21/2024	0129
7439-89-6	Iron	22000	D*	12/21/2024	0129
7439-92-1	Lead	17	D*	12/21/2024	0129
7439-95-4	Magnesium	5900	D*	12/21/2024	0129
7439-96-5	Manganese	710	D*	12/21/2024	0129
7440-02-0	Nickel	15	D	12/21/2024	0129
7440-09-7	Potassium	1900	D	12/21/2024	0129
7782-49-2	Selenium	9.9	D	12/21/2024	0129
7440-22-4	Silver	1.5	JD [†]	12/21/2024	0129
7440-23-5	Sodium	270	JD	12/21/2024	0129
7440-28-0	Thallium	4.2	UD	12/21/2024	0129
7440-62-2	Vanadium	28	D*	12/21/2024	0129
7440-66-6	Zinc	56	D*	12/21/2024	0129

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZR3

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZG9

Matrix: SOIL Lab Sample ID: P5188-15

% 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*	12/21/2024	0133
7440-36-0	Antimony	4.4	JD	12/21/2024	0133
7440-38-2	Arsenic	13	D*	12/21/2024	0133
7440-39-3	Barium	150	D*	12/21/2024	0133
7440-41-7	Beryllium	1.1	D	12/21/2024	0133
7440-43-9	Cadmium	0.26	JD	12/21/2024	0133
7440-70-2	Calcium	6800	D*	12/21/2024	0133
7440-47-3	Chromium	14	D*	12/21/2024	0133
7440-48-4	Cobalt	18	D	12/21/2024	0133
7440-50-8	Copper	30	D	12/21/2024	0133
7439-89-6	Iron	25000	D*	12/21/2024	0133
7439-92-1	Lead	13	D*	12/21/2024	0133
7439-95-4	Magnesium	6800	D*	12/21/2024	0133
7439-96-5	Manganese	760	D*	12/21/2024	0133
7440-02-0	Nickel	18	D	12/21/2024	0133
7440-09-7	Potassium	2400	D	12/21/2024	0133
7782-49-2	Selenium	11	D	12/21/2024	0133
7440-22-4	Silver	1.6	JD [†]	12/21/2024	0133
7440-23-5	Sodium	870	UD	12/21/2024	0133
7440-28-0	Thallium	4.4	UD	12/21/2024	0133
7440-62-2	Vanadium	35	D*	12/21/2024	0133
7440-66-6	Zinc	56	D*	12/21/2024	0133

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

Comments:

FORM 1 - IN
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MYCZR4

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZG9

Matrix: SOIL Lab Sample ID: P5188-16

% 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	13000	D*	12/21/2024	0137
7440-36-0	Antimony	4.2	JD	12/21/2024	0137
7440-38-2	Arsenic	15	D*	12/21/2024	0137
7440-39-3	Barium	140	D*	12/21/2024	0137
7440-41-7	Beryllium	1.0	D	12/21/2024	0137
7440-43-9	Cadmium	0.34	JD	12/21/2024	0137
7440-70-2	Calcium	6600	D*	12/21/2024	0137
7440-47-3	Chromium	11	D*	12/21/2024	0137
7440-48-4	Cobalt	18	D	12/21/2024	0137
7440-50-8	Copper	39	D	12/21/2024	0137
7439-89-6	Iron	25000	D*	12/21/2024	0137
7439-92-1	Lead	17	D*	12/21/2024	0137
7439-95-4	Magnesium	6800	D*	12/21/2024	0137
7439-96-5	Manganese	760	D*	12/21/2024	0137
7440-02-0	Nickel	16	D	12/21/2024	0137
7440-09-7	Potassium	2300	D	12/21/2024	0137
7782-49-2	Selenium	12	D	12/21/2024	0137
7440-22-4	Silver	1.7	D*	12/21/2024	0137
7440-23-5	Sodium	210	JD	12/21/2024	0137
7440-28-0	Thallium	3.7	UD	12/21/2024	0137
7440-62-2	Vanadium	36	D*	12/21/2024	0137
7440-66-6	Zinc	52	D*	12/21/2024	0137

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

Comments:

FORM 1 - IN
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MYCZR5

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZG9

Matrix: SOIL Lab Sample ID: P5188-17

% Solids: 97.4 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*	12/21/2024	0141
7440-36-0	Antimony	3.7	JD	12/21/2024	0141
7440-38-2	Arsenic	14	D*	12/21/2024	0141
7440-39-3	Barium	140	D*	12/21/2024	0141
7440-41-7	Beryllium	0.99	D	12/21/2024	0141
7440-43-9	Cadmium	0.40	JD	12/21/2024	0141
7440-70-2	Calcium	7400	D*	12/21/2024	0141
7440-47-3	Chromium	12	D*	12/21/2024	0141
7440-48-4	Cobalt	18	D	12/21/2024	0141
7440-50-8	Copper	34	D	12/21/2024	0141
7439-89-6	Iron	23000	D*	12/21/2024	0141
7439-92-1	Lead	19	D*	12/21/2024	0141
7439-95-4	Magnesium	6900	D*	12/21/2024	0141
7439-96-5	Manganese	750	D*	12/21/2024	0141
7440-02-0	Nickel	17	D	12/21/2024	0141
7440-09-7	Potassium	2800	D	12/21/2024	0141
7782-49-2	Selenium	9.9	D	12/21/2024	0141
7440-22-4	Silver	1.6	D*	12/21/2024	0141
7440-23-5	Sodium	750	UD	12/21/2024	0141
7440-28-0	Thallium	3.8	UD	12/21/2024	0141
7440-62-2	Vanadium	32	D*	12/21/2024	0141
7440-66-6	Zinc	61	D*	12/21/2024	0141

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

Comments:

FORM 1 - IN
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MYCZR6

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZG9

Matrix: SOIL Lab Sample ID: P5188-18

% Solids: 97.4 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	12000	D*	12/21/2024	0145
7440-36-0	Antimony	3.6	JD	12/21/2024	0145
7440-38-2	Arsenic	12	D*	12/21/2024	0145
7440-39-3	Barium	140	D*	12/21/2024	0145
7440-41-7	Beryllium	0.93	D	12/21/2024	0145
7440-43-9	Cadmium	0.28	JD	12/21/2024	0145
7440-70-2	Calcium	6500	D*	12/21/2024	0145
7440-47-3	Chromium	11	D*	12/21/2024	0145
7440-48-4	Cobalt	17	D	12/21/2024	0145
7440-50-8	Copper	29	D	12/21/2024	0145
7439-89-6	Iron	23000	D*	12/21/2024	0145
7439-92-1	Lead	14	D*	12/21/2024	0145
7439-95-4	Magnesium	6600	D*	12/21/2024	0145
7439-96-5	Manganese	820	D*	12/21/2024	0145
7440-02-0	Nickel	15	D	12/21/2024	0145
7440-09-7	Potassium	1900	D	12/21/2024	0145
7782-49-2	Selenium	10	D	12/21/2024	0145
7440-22-4	Silver	1.5	JD [†]	12/21/2024	0145
7440-23-5	Sodium	210	JD	12/21/2024	0145
7440-28-0	Thallium	4.0	UD	12/21/2024	0145
7440-62-2	Vanadium	33	D*	12/21/2024	0145
7440-66-6	Zinc	48	D*	12/21/2024	0145

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

Comments:

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MYCZR7

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZG9

Matrix: SOIL Lab Sample ID: P5188-19

% 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	14000	D*	12/21/2024	0149
7440-36-0	Antimony	4.3	JD	12/21/2024	0149
7440-38-2	Arsenic	13	D*	12/21/2024	0149
7440-39-3	Barium	140	D*	12/21/2024	0149
7440-41-7	Beryllium	1.1	D	12/21/2024	0149
7440-43-9	Cadmium	0.33	JD	12/21/2024	0149
7440-70-2	Calcium	7000	D*	12/21/2024	0149
7440-47-3	Chromium	12	D*	12/21/2024	0149
7440-48-4	Cobalt	19	D	12/21/2024	0149
7440-50-8	Copper	31	D	12/21/2024	0149
7439-89-6	Iron	26000	D*	12/21/2024	0149
7439-92-1	Lead	16	D*	12/21/2024	0149
7439-95-4	Magnesium	7200	D*	12/21/2024	0149
7439-96-5	Manganese	820	D*	12/21/2024	0149
7440-02-0	Nickel	17	D	12/21/2024	0149
7440-09-7	Potassium	2100	D	12/21/2024	0149
7782-49-2	Selenium	12	D	12/21/2024	0149
7440-22-4	Silver	1.5	JD [†]	12/21/2024	0149
7440-23-5	Sodium	210	JD	12/21/2024	0149
7440-28-0	Thallium	3.9	UD	12/21/2024	0149
7440-62-2	Vanadium	36	D*	12/21/2024	0149
7440-66-6	Zinc	54	D*	12/21/2024	0149

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

Comments:

FORM 1 - IN
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MYCZR8

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZG9

Matrix: SOIL Lab Sample ID: P5188-20

% 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*	12/21/2024	0153
7440-36-0	Antimony	3.2	JD	12/21/2024	0153
7440-38-2	Arsenic	10	D*	12/21/2024	0153
7440-39-3	Barium	130	D*	12/21/2024	0153
7440-41-7	Beryllium	0.87	D	12/21/2024	0153
7440-43-9	Cadmium	0.24	JD	12/21/2024	0153
7440-70-2	Calcium	6400	D*	12/21/2024	0153
7440-47-3	Chromium	9.4	D*	12/21/2024	0153
7440-48-4	Cobalt	17	D	12/21/2024	0153
7440-50-8	Copper	23	D	12/21/2024	0153
7439-89-6	Iron	22000	D*	12/21/2024	0153
7439-92-1	Lead	13	D*	12/21/2024	0153
7439-95-4	Magnesium	6400	D*	12/21/2024	0153
7439-96-5	Manganese	770	D*	12/21/2024	0153
7440-02-0	Nickel	14	D	12/21/2024	0153
7440-09-7	Potassium	2000	D	12/21/2024	0153
7782-49-2	Selenium	10	D	12/21/2024	0153
7440-22-4	Silver	1.5	JD [†]	12/21/2024	0153
7440-23-5	Sodium	250	JD	12/21/2024	0153
7440-28-0	Thallium	4.2	UD	12/21/2024	0153
7440-62-2	Vanadium	26	D*	12/21/2024	0153
7440-66-6	Zinc	48	D*	12/21/2024	0153

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

Comments: