

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCYW9

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-01

% 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	17000	D	12/21/2024	1201
7440-36-0	Antimony	21	D	12/21/2024	1201
7440-38-2	Arsenic	81	D	12/21/2024	1201
7440-39-3	Barium	270	D	12/21/2024	1201
7440-41-7	Beryllium	2.1	D	12/21/2024	1201
7440-43-9	Cadmium	0.64	JD	12/21/2024	1201
7440-70-2	Calcium	6100	D	12/21/2024	1201
7440-47-3	Chromium	41	D	12/21/2024	1201
7440-48-4	Cobalt	37	D	12/21/2024	1201
7440-50-8	Copper	58	D	12/21/2024	1201
7439-89-6	Iron	96000	D	12/21/2024	1201
7439-92-1	Lead	40	D	12/21/2024	1201
7439-95-4	Magnesium	10000	D	12/21/2024	1201
7439-96-5	Manganese	5400	D	12/23/2024	1633
7440-02-0	Nickel	40	D	12/21/2024	1201
7440-09-7	Potassium	2600	D	12/21/2024	1201
7782-49-2	Selenium	51	D	12/21/2024	1201
7440-22-4	Silver	7.8	D	12/21/2024	1201
7440-23-5	Sodium	460	JD	12/21/2024	1201
7440-28-0	Thallium	3.8	UD	12/21/2024	1201
7440-62-2	Vanadium	110	D	12/21/2024	1201
7440-66-6	Zinc	97	D	12/21/2024	1201

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

Comments:

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MYCYX0

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-02

% 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	25000	D	12/21/2024	1213
7440-36-0	Antimony	19	D	12/21/2024	1213
7440-38-2	Arsenic	130	D	12/21/2024	1213
7440-39-3	Barium	150	D	12/21/2024	1213
7440-41-7	Beryllium	2.1	D	12/21/2024	1213
7440-43-9	Cadmium	1.4	D	12/21/2024	1213
7440-70-2	Calcium	5400	D	12/21/2024	1213
7440-47-3	Chromium	81	D	12/21/2024	1213
7440-48-4	Cobalt	49	D	12/21/2024	1213
7440-50-8	Copper	170	D	12/21/2024	1213
7439-89-6	Iron	85000	D	12/21/2024	1213
7439-92-1	Lead	73	D	12/21/2024	1213
7439-95-4	Magnesium	17000	D	12/21/2024	1213
7439-96-5	Manganese	2400	D	12/21/2024	1213
7440-02-0	Nickel	62	D	12/21/2024	1213
7440-09-7	Potassium	2400	D	12/21/2024	1213
7782-49-2	Selenium	45	D	12/21/2024	1213
7440-22-4	Silver	6.3	D	12/21/2024	1213
7440-23-5	Sodium	350	JD	12/21/2024	1213
7440-28-0	Thallium	3.7	UD	12/21/2024	1213
7440-62-2	Vanadium	190	D	12/21/2024	1213
7440-66-6	Zinc	100	D	12/21/2024	1213

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

Comments:

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MYCYX1

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-03

% 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	22000	D	12/21/2024	1217
7440-36-0	Antimony	19	D	12/21/2024	1217
7440-38-2	Arsenic	110	D	12/21/2024	1217
7440-39-3	Barium	360	D	12/21/2024	1217
7440-41-7	Beryllium	1.9	D	12/21/2024	1217
7440-43-9	Cadmium	0.74	JD	12/21/2024	1217
7440-70-2	Calcium	5300	D	12/21/2024	1217
7440-47-3	Chromium	72	D	12/21/2024	1217
7440-48-4	Cobalt	46	D	12/21/2024	1217
7440-50-8	Copper	100	D	12/21/2024	1217
7439-89-6	Iron	89000	D	12/21/2024	1217
7439-92-1	Lead	35	D	12/21/2024	1217
7439-95-4	Magnesium	14000	D	12/21/2024	1217
7439-96-5	Manganese	5300	D	12/23/2024	1637
7440-02-0	Nickel	55	D	12/21/2024	1217
7440-09-7	Potassium	2900	D	12/21/2024	1217
7782-49-2	Selenium	48	D	12/21/2024	1217
7440-22-4	Silver	6.8	D	12/21/2024	1217
7440-23-5	Sodium	250	JD	12/21/2024	1217
7440-28-0	Thallium	3.7	UD	12/21/2024	1217
7440-62-2	Vanadium	160	D	12/21/2024	1217
7440-66-6	Zinc	78	D	12/21/2024	1217

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

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MYCYX2

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-04

% 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	9800	D	12/21/2024	1220
7440-36-0	Antimony	23	D	12/21/2024	1220
7440-38-2	Arsenic	46	D	12/21/2024	1220
7440-39-3	Barium	440	D	12/21/2024	1220
7440-41-7	Beryllium	1.8	D	12/21/2024	1220
7440-43-9	Cadmium	1.1	D	12/21/2024	1220
7440-70-2	Calcium	4600	D	12/21/2024	1220
7440-47-3	Chromium	21	D	12/21/2024	1220
7440-48-4	Cobalt	35	D	12/21/2024	1220
7440-50-8	Copper	84	D	12/21/2024	1220
7439-89-6	Iron	100000	D	12/21/2024	1220
7439-92-1	Lead	69	D	12/21/2024	1220
7439-95-4	Magnesium	5900	D	12/21/2024	1220
7439-96-5	Manganese	7700	D	12/23/2024	1641
7440-02-0	Nickel	28	D	12/21/2024	1220
7440-09-7	Potassium	2600	D	12/21/2024	1220
7782-49-2	Selenium	56	D	12/21/2024	1220
7440-22-4	Silver	9.6	D	12/21/2024	1220
7440-23-5	Sodium	350	JD	12/21/2024	1220
7440-28-0	Thallium	3.6	UD	12/21/2024	1220
7440-62-2	Vanadium	51	D	12/21/2024	1220
7440-66-6	Zinc	140	D	12/21/2024	1220

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

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MYCYX3

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-05

% 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	19000	D	12/21/2024	1224
7440-36-0	Antimony	23	D	12/21/2024	1224
7440-38-2	Arsenic	120	D	12/21/2024	1224
7440-39-3	Barium	400	D	12/21/2024	1224
7440-41-7	Beryllium	1.9	D	12/21/2024	1224
7440-43-9	Cadmium	1.4	D	12/21/2024	1224
7440-70-2	Calcium	6400	D	12/21/2024	1224
7440-47-3	Chromium	54	D	12/21/2024	1224
7440-48-4	Cobalt	43	D	12/21/2024	1224
7440-50-8	Copper	110	D	12/21/2024	1224
7439-89-6	Iron	100000	D	12/21/2024	1224
7439-92-1	Lead	64	D	12/21/2024	1224
7439-95-4	Magnesium	12000	D	12/21/2024	1224
7439-96-5	Manganese	6800	D	12/23/2024	1645
7440-02-0	Nickel	51	D	12/21/2024	1224
7440-09-7	Potassium	1900	D	12/21/2024	1224
7782-49-2	Selenium	55	D	12/21/2024	1224
7440-22-4	Silver	9.0	D	12/21/2024	1224
7440-23-5	Sodium	300	JD	12/21/2024	1224
7440-28-0	Thallium	4.1	UD	12/21/2024	1224
7440-62-2	Vanadium	140	D	12/21/2024	1224
7440-66-6	Zinc	96	D	12/21/2024	1224

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

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MYCYX4

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-06

% 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	17000	D	12/21/2024	1228
7440-36-0	Antimony	22	D	12/21/2024	1228
7440-38-2	Arsenic	84	D	12/21/2024	1228
7440-39-3	Barium	400	D	12/21/2024	1228
7440-41-7	Beryllium	1.9	D	12/21/2024	1228
7440-43-9	Cadmium	0.92	D	12/21/2024	1228
7440-70-2	Calcium	4200	D	12/21/2024	1228
7440-47-3	Chromium	42	D	12/21/2024	1228
7440-48-4	Cobalt	36	D	12/21/2024	1228
7440-50-8	Copper	91	D	12/21/2024	1228
7439-89-6	Iron	97000	D	12/21/2024	1228
7439-92-1	Lead	50	D	12/21/2024	1228
7439-95-4	Magnesium	11000	D	12/21/2024	1228
7439-96-5	Manganese	7200	D	12/23/2024	1649
7440-02-0	Nickel	40	D	12/21/2024	1228
7440-09-7	Potassium	3500	D	12/21/2024	1228
7782-49-2	Selenium	53	D	12/21/2024	1228
7440-22-4	Silver	8.9	D	12/21/2024	1228
7440-23-5	Sodium	370	JD	12/21/2024	1228
7440-28-0	Thallium	3.9	UD	12/21/2024	1228
7440-62-2	Vanadium	120	D	12/21/2024	1228
7440-66-6	Zinc	100	D	12/21/2024	1228

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

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MYCYX5

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-07

% 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	11000	D	12/21/2024	1232
7440-36-0	Antimony	25	D	12/21/2024	1232
7440-38-2	Arsenic	50	D	12/21/2024	1232
7440-39-3	Barium	310	D	12/21/2024	1232
7440-41-7	Beryllium	2.1	D	12/21/2024	1232
7440-43-9	Cadmium	1.0	D	12/21/2024	1232
7440-70-2	Calcium	4800	D	12/21/2024	1232
7440-47-3	Chromium	19	D	12/21/2024	1232
7440-48-4	Cobalt	38	D	12/21/2024	1232
7440-50-8	Copper	88	D	12/21/2024	1232
7439-89-6	Iron	120000	D	12/21/2024	1232
7439-92-1	Lead	72	D	12/21/2024	1232
7439-95-4	Magnesium	6000	D	12/21/2024	1232
7439-96-5	Manganese	7600	D	12/23/2024	1653
7440-02-0	Nickel	29	D	12/21/2024	1232
7440-09-7	Potassium	2000	D	12/21/2024	1232
7782-49-2	Selenium	63	D	12/21/2024	1232
7440-22-4	Silver	11	D	12/21/2024	1232
7440-23-5	Sodium	320	JD	12/21/2024	1232
7440-28-0	Thallium	4.0	UD	12/21/2024	1232
7440-62-2	Vanadium	53	D	12/21/2024	1232
7440-66-6	Zinc	120	D	12/21/2024	1232

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

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MYCYX6

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-08

% 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	17000	D	12/21/2024	1236
7440-36-0	Antimony	21	D	12/21/2024	1236
7440-38-2	Arsenic	74	D	12/21/2024	1236
7440-39-3	Barium	320	D	12/21/2024	1236
7440-41-7	Beryllium	1.9	D	12/21/2024	1236
7440-43-9	Cadmium	0.85	D	12/21/2024	1236
7440-70-2	Calcium	5600	D	12/21/2024	1236
7440-47-3	Chromium	40	D	12/21/2024	1236
7440-48-4	Cobalt	38	D	12/21/2024	1236
7440-50-8	Copper	79	D	12/21/2024	1236
7439-89-6	Iron	94000	D	12/21/2024	1236
7439-92-1	Lead	49	D	12/21/2024	1236
7439-95-4	Magnesium	11000	D	12/21/2024	1236
7439-96-5	Manganese	6300	D	12/23/2024	1657
7440-02-0	Nickel	41	D	12/21/2024	1236
7440-09-7	Potassium	3100	D	12/21/2024	1236
7782-49-2	Selenium	51	D	12/21/2024	1236
7440-22-4	Silver	8.9	D	12/21/2024	1236
7440-23-5	Sodium	340	JD	12/21/2024	1236
7440-28-0	Thallium	3.8	UD	12/21/2024	1236
7440-62-2	Vanadium	100	D	12/21/2024	1236
7440-66-6	Zinc	120	D	12/21/2024	1236

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

Comments:

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MYCYX7

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-09

% 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	12000	D	12/21/2024	1240
7440-36-0	Antimony	24	D	12/21/2024	1240
7440-38-2	Arsenic	44	D	12/21/2024	1240
7440-39-3	Barium	340	D	12/21/2024	1240
7440-41-7	Beryllium	2.2	D	12/21/2024	1240
7440-43-9	Cadmium	0.77	D	12/21/2024	1240
7440-70-2	Calcium	4900	D	12/21/2024	1240
7440-47-3	Chromium	19	D	12/21/2024	1240
7440-48-4	Cobalt	36	D	12/21/2024	1240
7440-50-8	Copper	62	D	12/21/2024	1240
7439-89-6	Iron	110000	D	12/21/2024	1240
7439-92-1	Lead	56	D	12/21/2024	1240
7439-95-4	Magnesium	6800	D	12/21/2024	1240
7439-96-5	Manganese	6400	D	12/23/2024	1701
7440-02-0	Nickel	30	D	12/21/2024	1240
7440-09-7	Potassium	3300	D	12/21/2024	1240
7782-49-2	Selenium	60	D	12/21/2024	1240
7440-22-4	Silver	11	D	12/21/2024	1240
7440-23-5	Sodium	370	JD	12/21/2024	1240
7440-28-0	Thallium	3.7	UD	12/21/2024	1240
7440-62-2	Vanadium	50	D	12/21/2024	1240
7440-66-6	Zinc	120	D	12/21/2024	1240

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

Comments:

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MYCYX8

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-10

% 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	12000	D	12/21/2024	1244
7440-36-0	Antimony	24	D	12/21/2024	1244
7440-38-2	Arsenic	56	D	12/21/2024	1244
7440-39-3	Barium	640	D	12/21/2024	1244
7440-41-7	Beryllium	1.9	D	12/21/2024	1244
7440-43-9	Cadmium	1.3	D	12/21/2024	1244
7440-70-2	Calcium	4400	D	12/21/2024	1244
7440-47-3	Chromium	26	D	12/21/2024	1244
7440-48-4	Cobalt	37	D	12/21/2024	1244
7440-50-8	Copper	130	D	12/21/2024	1244
7439-89-6	Iron	110000	D	12/21/2024	1244
7439-92-1	Lead	91	D	12/21/2024	1244
7439-95-4	Magnesium	7400	D	12/21/2024	1244
7439-96-5	Manganese	8300	D	12/23/2024	1705
7440-02-0	Nickel	34	D	12/21/2024	1244
7440-09-7	Potassium	2600	D	12/21/2024	1244
7782-49-2	Selenium	60	D	12/21/2024	1244
7440-22-4	Silver	11	D	12/21/2024	1244
7440-23-5	Sodium	380	JD	12/21/2024	1244
7440-28-0	Thallium	3.9	UD	12/21/2024	1244
7440-62-2	Vanadium	69	D	12/21/2024	1244
7440-66-6	Zinc	140	D	12/21/2024	1244

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MYCZA9

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-11

% 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	32000	D	12/21/2024	1247
7440-36-0	Antimony	17	D	12/21/2024	1247
7440-38-2	Arsenic	62	D	12/21/2024	1247
7440-39-3	Barium	52	D	12/21/2024	1247
7440-41-7	Beryllium	1.8	D	12/21/2024	1247
7440-43-9	Cadmium	0.78	D	12/21/2024	1247
7440-70-2	Calcium	9500	D	12/21/2024	1247
7440-47-3	Chromium	97	D	12/21/2024	1247
7440-48-4	Cobalt	71	D	12/21/2024	1247
7440-50-8	Copper	200	D	12/21/2024	1247
7439-89-6	Iron	79000	D	12/21/2024	1247
7439-92-1	Lead	20	D	12/21/2024	1247
7439-95-4	Magnesium	22000	D	12/21/2024	1247
7439-96-5	Manganese	2000	D	12/21/2024	1247
7440-02-0	Nickel	83	D	12/21/2024	1247
7440-09-7	Potassium	760	UD	12/21/2024	1247
7782-49-2	Selenium	40	D	12/21/2024	1247
7440-22-4	Silver	6.2	D	12/21/2024	1247
7440-23-5	Sodium	440	JD	12/21/2024	1247
7440-28-0	Thallium	3.8	UD	12/21/2024	1247
7440-62-2	Vanadium	210	D	12/21/2024	1247
7440-66-6	Zinc	60	D	12/21/2024	1247

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZB0

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-12

% 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	33000	D	12/21/2024	1251
7440-36-0	Antimony	18	D	12/21/2024	1251
7440-38-2	Arsenic	62	D	12/21/2024	1251
7440-39-3	Barium	57	D	12/21/2024	1251
7440-41-7	Beryllium	1.9	D	12/21/2024	1251
7440-43-9	Cadmium	0.73	JD	12/21/2024	1251
7440-70-2	Calcium	12000	D	12/21/2024	1251
7440-47-3	Chromium	96	D	12/21/2024	1251
7440-48-4	Cobalt	73	D	12/21/2024	1251
7440-50-8	Copper	290	D	12/21/2024	1251
7439-89-6	Iron	81000	D	12/21/2024	1251
7439-92-1	Lead	19	D	12/21/2024	1251
7439-95-4	Magnesium	23000	D	12/21/2024	1251
7439-96-5	Manganese	2000	D	12/21/2024	1251
7440-02-0	Nickel	84	D	12/21/2024	1251
7440-09-7	Potassium	150	JD	12/21/2024	1251
7782-49-2	Selenium	41	D	12/21/2024	1251
7440-22-4	Silver	6.5	D	12/21/2024	1251
7440-23-5	Sodium	440	JD	12/21/2024	1251
7440-28-0	Thallium	4.1	UD	12/21/2024	1251
7440-62-2	Vanadium	220	D	12/21/2024	1251
7440-66-6	Zinc	61	D	12/21/2024	1251

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZB1

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-13

% 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	35000	D	12/21/2024	1255
7440-36-0	Antimony	19	D	12/21/2024	1255
7440-38-2	Arsenic	55	D	12/21/2024	1255
7440-39-3	Barium	44	D	12/21/2024	1255
7440-41-7	Beryllium	1.9	D	12/21/2024	1255
7440-43-9	Cadmium	0.66	JD	12/21/2024	1255
7440-70-2	Calcium	8100	D	12/21/2024	1255
7440-47-3	Chromium	110	D	12/21/2024	1255
7440-48-4	Cobalt	77	D	12/21/2024	1255
7440-50-8	Copper	190	D	12/21/2024	1255
7439-89-6	Iron	85000	D	12/21/2024	1255
7439-92-1	Lead	14	D	12/21/2024	1255
7439-95-4	Magnesium	26000	D	12/21/2024	1255
7439-96-5	Manganese	2200	D	12/21/2024	1255
7440-02-0	Nickel	92	D	12/21/2024	1255
7440-09-7	Potassium	780	UD	12/21/2024	1255
7782-49-2	Selenium	43	D	12/21/2024	1255
7440-22-4	Silver	6.7	D	12/21/2024	1255
7440-23-5	Sodium	520	JD	12/21/2024	1255
7440-28-0	Thallium	3.9	UD	12/21/2024	1255
7440-62-2	Vanadium	230	D	12/21/2024	1255
7440-66-6	Zinc	57	D	12/21/2024	1255

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZB2

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-14

% Solids: 94.7 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	36000	D	12/21/2024	1259
7440-36-0	Antimony	18	D	12/21/2024	1259
7440-38-2	Arsenic	70	D	12/21/2024	1259
7440-39-3	Barium	71	D	12/21/2024	1259
7440-41-7	Beryllium	1.9	D	12/21/2024	1259
7440-43-9	Cadmium	0.57	JD	12/21/2024	1259
7440-70-2	Calcium	9400	D	12/21/2024	1259
7440-47-3	Chromium	110	D	12/21/2024	1259
7440-48-4	Cobalt	98	D	12/21/2024	1259
7440-50-8	Copper	200	D	12/21/2024	1259
7439-89-6	Iron	83000	D	12/21/2024	1259
7439-92-1	Lead	14	D	12/21/2024	1259
7439-95-4	Magnesium	26000	D	12/21/2024	1259
7439-96-5	Manganese	2700	D	12/21/2024	1259
7440-02-0	Nickel	96	D	12/21/2024	1259
7440-09-7	Potassium	900	UD	12/21/2024	1259
7782-49-2	Selenium	44	D	12/21/2024	1259
7440-22-4	Silver	6.6	D	12/21/2024	1259
7440-23-5	Sodium	350	JD	12/21/2024	1259
7440-28-0	Thallium	4.5	UD	12/21/2024	1259
7440-62-2	Vanadium	230	D	12/21/2024	1259
7440-66-6	Zinc	51	D	12/21/2024	1259

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZB3

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-15

% 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	34000	D	12/21/2024	1303
7440-36-0	Antimony	19	D	12/21/2024	1303
7440-38-2	Arsenic	48	D	12/21/2024	1303
7440-39-3	Barium	35	D	12/21/2024	1303
7440-41-7	Beryllium	1.9	D	12/21/2024	1303
7440-43-9	Cadmium	0.58	JD	12/21/2024	1303
7440-70-2	Calcium	8100	D	12/21/2024	1303
7440-47-3	Chromium	120	D	12/21/2024	1303
7440-48-4	Cobalt	67	D	12/21/2024	1303
7440-50-8	Copper	160	D	12/21/2024	1303
7439-89-6	Iron	83000	D	12/21/2024	1303
7439-92-1	Lead	12	D	12/21/2024	1303
7439-95-4	Magnesium	26000	D	12/21/2024	1303
7439-96-5	Manganese	1800	D	12/21/2024	1303
7440-02-0	Nickel	89	D	12/21/2024	1303
7440-09-7	Potassium	120	JD	12/21/2024	1303
7782-49-2	Selenium	41	D	12/21/2024	1303
7440-22-4	Silver	6.5	D	12/21/2024	1303
7440-23-5	Sodium	540	JD	12/21/2024	1303
7440-28-0	Thallium	3.9	UD	12/21/2024	1303
7440-62-2	Vanadium	220	D	12/21/2024	1303
7440-66-6	Zinc	53	D	12/21/2024	1303

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZB4

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-16

% 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	38000	D	12/21/2024	1306
7440-36-0	Antimony	19	D	12/21/2024	1306
7440-38-2	Arsenic	64	D	12/21/2024	1306
7440-39-3	Barium	50	D	12/21/2024	1306
7440-41-7	Beryllium	1.9	D	12/21/2024	1306
7440-43-9	Cadmium	0.65	JD	12/21/2024	1306
7440-70-2	Calcium	8500	D	12/21/2024	1306
7440-47-3	Chromium	110	D	12/21/2024	1306
7440-48-4	Cobalt	77	D	12/21/2024	1306
7440-50-8	Copper	190	D	12/21/2024	1306
7439-89-6	Iron	87000	D	12/21/2024	1306
7439-92-1	Lead	13	D	12/21/2024	1306
7439-95-4	Magnesium	30000	D	12/21/2024	1306
7439-96-5	Manganese	2400	D	12/21/2024	1306
7440-02-0	Nickel	100	D	12/21/2024	1306
7440-09-7	Potassium	770	UD	12/21/2024	1306
7782-49-2	Selenium	44	D	12/21/2024	1306
7440-22-4	Silver	6.8	D	12/21/2024	1306
7440-23-5	Sodium	510	JD	12/21/2024	1306
7440-28-0	Thallium	3.9	UD	12/21/2024	1306
7440-62-2	Vanadium	240	D	12/21/2024	1306
7440-66-6	Zinc	59	D	12/21/2024	1306

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZB5

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-17

% 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	14000	D	12/21/2024	1310
7440-36-0	Antimony	6.3	JD	12/21/2024	1310
7440-38-2	Arsenic	27	D	12/21/2024	1310
7440-39-3	Barium	110	D	12/21/2024	1310
7440-41-7	Beryllium	1.1	D	12/21/2024	1310
7440-43-9	Cadmium	0.47	JD	12/21/2024	1310
7440-70-2	Calcium	9400	D	12/21/2024	1310
7440-47-3	Chromium	29	D	12/21/2024	1310
7440-48-4	Cobalt	20	D	12/21/2024	1310
7440-50-8	Copper	65	D	12/21/2024	1310
7439-89-6	Iron	34000	D	12/21/2024	1310
7439-92-1	Lead	20	D	12/21/2024	1310
7439-95-4	Magnesium	7400	D	12/21/2024	1310
7439-96-5	Manganese	680	D	12/21/2024	1310
7440-02-0	Nickel	25	D	12/21/2024	1310
7440-09-7	Potassium	2300	D	12/21/2024	1310
7782-49-2	Selenium	16	D	12/21/2024	1310
7440-22-4	Silver	2.9	D	12/21/2024	1310
7440-23-5	Sodium	410	JD	12/21/2024	1310
7440-28-0	Thallium	3.9	UD	12/21/2024	1310
7440-62-2	Vanadium	70	D	12/21/2024	1310
7440-66-6	Zinc	51	D	12/21/2024	1310

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZB6

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-18

% 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	32000	D	12/21/2024	1314
7440-36-0	Antimony	19	D	12/21/2024	1314
7440-38-2	Arsenic	40	D	12/21/2024	1314
7440-39-3	Barium	25	JD	12/21/2024	1314
7440-41-7	Beryllium	1.8	D	12/21/2024	1314
7440-43-9	Cadmium	0.52	JD	12/21/2024	1314
7440-70-2	Calcium	7600	D	12/21/2024	1314
7440-47-3	Chromium	92	D	12/21/2024	1314
7440-48-4	Cobalt	61	D	12/21/2024	1314
7440-50-8	Copper	170	D	12/21/2024	1314
7439-89-6	Iron	80000	D	12/21/2024	1314
7439-92-1	Lead	12	D	12/21/2024	1314
7439-95-4	Magnesium	24000	D	12/21/2024	1314
7439-96-5	Manganese	1800	D	12/21/2024	1314
7440-02-0	Nickel	77	D	12/21/2024	1314
7440-09-7	Potassium	780	UD	12/21/2024	1314
7782-49-2	Selenium	41	D	12/21/2024	1314
7440-22-4	Silver	6.7	D	12/21/2024	1314
7440-23-5	Sodium	350	JD	12/21/2024	1314
7440-28-0	Thallium	3.9	UD	12/21/2024	1314
7440-62-2	Vanadium	200	D	12/21/2024	1314
7440-66-6	Zinc	55	D	12/21/2024	1314

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZB7

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-19

% 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	30000	D	12/21/2024	1318
7440-36-0	Antimony	16	D	12/21/2024	1318
7440-38-2	Arsenic	48	D	12/21/2024	1318
7440-39-3	Barium	33	D	12/21/2024	1318
7440-41-7	Beryllium	1.6	D	12/21/2024	1318
7440-43-9	Cadmium	0.67	JD	12/21/2024	1318
7440-70-2	Calcium	7500	D	12/21/2024	1318
7440-47-3	Chromium	120	D	12/21/2024	1318
7440-48-4	Cobalt	53	D	12/21/2024	1318
7440-50-8	Copper	180	D	12/21/2024	1318
7439-89-6	Iron	71000	D	12/21/2024	1318
7439-92-1	Lead	19	D	12/21/2024	1318
7439-95-4	Magnesium	23000	D	12/21/2024	1318
7439-96-5	Manganese	1300	D	12/21/2024	1318
7440-02-0	Nickel	83	D	12/21/2024	1318
7440-09-7	Potassium	760	UD	12/21/2024	1318
7782-49-2	Selenium	37	D	12/21/2024	1318
7440-22-4	Silver	5.9	D	12/21/2024	1318
7440-23-5	Sodium	390	JD	12/21/2024	1318
7440-28-0	Thallium	3.8	UD	12/21/2024	1318
7440-62-2	Vanadium	180	D	12/21/2024	1318
7440-66-6	Zinc	56	D	12/21/2024	1318

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZB8

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-20

% 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	22000	D	12/21/2024	1322
7440-36-0	Antimony	12	D	12/21/2024	1322
7440-38-2	Arsenic	29	D	12/21/2024	1322
7440-39-3	Barium	70	D	12/21/2024	1322
7440-41-7	Beryllium	1.3	D	12/21/2024	1322
7440-43-9	Cadmium	0.39	JD	12/21/2024	1322
7440-70-2	Calcium	13000	D	12/21/2024	1322
7440-47-3	Chromium	59	D	12/21/2024	1322
7440-48-4	Cobalt	49	D	12/21/2024	1322
7440-50-8	Copper	130	D	12/21/2024	1322
7439-89-6	Iron	55000	D	12/21/2024	1322
7439-92-1	Lead	11	D	12/21/2024	1322
7439-95-4	Magnesium	16000	D	12/21/2024	1322
7439-96-5	Manganese	1500	D	12/21/2024	1322
7440-02-0	Nickel	56	D	12/21/2024	1322
7440-09-7	Potassium	240	JD	12/21/2024	1322
7782-49-2	Selenium	27	D	12/21/2024	1322
7440-22-4	Silver	4.4	D	12/21/2024	1322
7440-23-5	Sodium	480	JD	12/21/2024	1322
7440-28-0	Thallium	4.2	UD	12/21/2024	1322
7440-62-2	Vanadium	140	D	12/21/2024	1322
7440-66-6	Zinc	43	D	12/21/2024	1322

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

Comments: