

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZF9

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZF9

Matrix: SOIL Lab Sample ID: P5185-01

% 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	12/21/2024	0228
7440-36-0	Antimony	4.7	JD	12/21/2024	0228
7440-38-2	Arsenic	38	D	12/21/2024	0228
7440-39-3	Barium	120	D	12/21/2024	0228
7440-41-7	Beryllium	0.99	D	12/21/2024	0228
7440-43-9	Cadmium	0.80	JD	12/21/2024	0228
7440-70-2	Calcium	9300	D	12/21/2024	0228
7440-47-3	Chromium	36	D	12/21/2024	0228
7440-48-4	Cobalt	30	D	12/21/2024	0228
7440-50-8	Copper	60	D	12/21/2024	0228
7439-89-6	Iron	30000	D	12/21/2024	0228
7439-92-1	Lead	48	D	12/21/2024	0228
7439-95-4	Magnesium	9300	D	12/21/2024	0228
7439-96-5	Manganese	900	D	12/21/2024	0228
7440-02-0	Nickel	33	D	12/21/2024	0228
7440-09-7	Potassium	3800	D	12/21/2024	0228
7782-49-2	Selenium	13	D	12/21/2024	0228
7440-22-4	Silver	2.0	D*	12/21/2024	0228
7440-23-5	Sodium	400	JD	12/21/2024	0228
7440-28-0	Thallium	4.6	UD	12/21/2024	0228
7440-62-2	Vanadium	54	D	12/21/2024	0228
7440-66-6	Zinc	160	D	12/21/2024	0228

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZG0

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZF9

Matrix: SOIL Lab Sample ID: P5185-02

% 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	9100	D	12/21/2024	0232
7440-36-0	Antimony	3.6	JD	12/21/2024	0232
7440-38-2	Arsenic	71	D	12/21/2024	0232
7440-39-3	Barium	140	D	12/21/2024	0232
7440-41-7	Beryllium	0.68	JD	12/21/2024	0232
7440-43-9	Cadmium	0.28	JD	12/21/2024	0232
7440-70-2	Calcium	7200	D	12/21/2024	0232
7440-47-3	Chromium	50	D	12/21/2024	0232
7440-48-4	Cobalt	19	D	12/21/2024	0232
7440-50-8	Copper	24	D	12/21/2024	0232
7439-89-6	Iron	22000	D	12/21/2024	0232
7439-92-1	Lead	28	D	12/21/2024	0232
7439-95-4	Magnesium	6000	D	12/21/2024	0232
7439-96-5	Manganese	1700	D	12/21/2024	0232
7440-02-0	Nickel	49	D	12/21/2024	0232
7440-09-7	Potassium	1800	D	12/21/2024	0232
7782-49-2	Selenium	10	D	12/21/2024	0232
7440-22-4	Silver	1.6	D*	12/21/2024	0232
7440-23-5	Sodium	220	JD	12/21/2024	0232
7440-28-0	Thallium	4.1	UD	12/21/2024	0232
7440-62-2	Vanadium	37	D	12/21/2024	0232
7440-66-6	Zinc	56	D	12/21/2024	0232

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZG1

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZF9

Matrix: SOIL Lab Sample ID: P5185-03

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

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	9600	D	12/21/2024	0235
7440-36-0	Antimony	4.5	JD	12/21/2024	0235
7440-38-2	Arsenic	51	D	12/21/2024	0235
7440-39-3	Barium	84	D	12/21/2024	0235
7440-41-7	Beryllium	0.81	JD	12/21/2024	0235
7440-43-9	Cadmium	1.1	D	12/21/2024	0235
7440-70-2	Calcium	5000	D	12/21/2024	0235
7440-47-3	Chromium	20	D	12/21/2024	0235
7440-48-4	Cobalt	16	D	12/21/2024	0235
7440-50-8	Copper	48	D	12/21/2024	0235
7439-89-6	Iron	24000	D	12/21/2024	0235
7439-92-1	Lead	77	D	12/21/2024	0235
7439-95-4	Magnesium	6100	D	12/21/2024	0235
7439-96-5	Manganese	550	D	12/21/2024	0235
7440-02-0	Nickel	19	D	12/21/2024	0235
7440-09-7	Potassium	2700	D	12/21/2024	0235
7782-49-2	Selenium	12	D	12/21/2024	0235
7440-22-4	Silver	1.8	D*	12/21/2024	0235
7440-23-5	Sodium	220	JD	12/21/2024	0235
7440-28-0	Thallium	4.5	UD	12/21/2024	0235
7440-62-2	Vanadium	37	D	12/21/2024	0235
7440-66-6	Zinc	210	D	12/21/2024	0235

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZG2

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZF9

Matrix: SOIL Lab Sample ID: P5185-04

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

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	7600	D	12/21/2024	0239
7440-36-0	Antimony	3.8	JD	12/21/2024	0239
7440-38-2	Arsenic	37	D	12/21/2024	0239
7440-39-3	Barium	140	D	12/21/2024	0239
7440-41-7	Beryllium	0.74	D	12/21/2024	0239
7440-43-9	Cadmium	1.3	D	12/21/2024	0239
7440-70-2	Calcium	4400	D	12/21/2024	0239
7440-47-3	Chromium	13	D	12/21/2024	0239
7440-48-4	Cobalt	13	D	12/21/2024	0239
7440-50-8	Copper	41	D	12/21/2024	0239
7439-89-6	Iron	22000	D	12/21/2024	0239
7439-92-1	Lead	120	D	12/21/2024	0239
7439-95-4	Magnesium	4500	D	12/21/2024	0239
7439-96-5	Manganese	520	D	12/21/2024	0239
7440-02-0	Nickel	13	D	12/21/2024	0239
7440-09-7	Potassium	1900	D	12/21/2024	0239
7782-49-2	Selenium	11	D	12/21/2024	0239
7440-22-4	Silver	1.7	D*	12/21/2024	0239
7440-23-5	Sodium	740	UD	12/21/2024	0239
7440-28-0	Thallium	3.7	UD	12/21/2024	0239
7440-62-2	Vanadium	28	D	12/21/2024	0239
7440-66-6	Zinc	280	D	12/21/2024	0239

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZG3

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZF9

Matrix: SOIL Lab Sample ID: P5185-05

% 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	8700	D	12/21/2024	0243
7440-36-0	Antimony	3.6	JD	12/21/2024	0243
7440-38-2	Arsenic	45	D	12/21/2024	0243
7440-39-3	Barium	95	D	12/21/2024	0243
7440-41-7	Beryllium	0.81	JD	12/21/2024	0243
7440-43-9	Cadmium	1.2	D	12/21/2024	0243
7440-70-2	Calcium	4400	D	12/21/2024	0243
7440-47-3	Chromium	15	D	12/21/2024	0243
7440-48-4	Cobalt	13	D	12/21/2024	0243
7440-50-8	Copper	36	D	12/21/2024	0243
7439-89-6	Iron	22000	D	12/21/2024	0243
7439-92-1	Lead	94	D	12/21/2024	0243
7439-95-4	Magnesium	4900	D	12/21/2024	0243
7439-96-5	Manganese	530	D	12/21/2024	0243
7440-02-0	Nickel	15	D	12/21/2024	0243
7440-09-7	Potassium	2500	D	12/21/2024	0243
7782-49-2	Selenium	10	D	12/21/2024	0243
7440-22-4	Silver	1.5	JD [†]	12/21/2024	0243
7440-23-5	Sodium	250	JD	12/21/2024	0243
7440-28-0	Thallium	4.1	UD	12/21/2024	0243
7440-62-2	Vanadium	32	D	12/21/2024	0243
7440-66-6	Zinc	250	D	12/21/2024	0243

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZG4

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZF9

Matrix: SOIL Lab Sample ID: P5185-06

% 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	9800	D	12/21/2024	0247
7440-36-0	Antimony	3.4	JD	12/21/2024	0247
7440-38-2	Arsenic	27	D	12/21/2024	0247
7440-39-3	Barium	110	D	12/21/2024	0247
7440-41-7	Beryllium	0.84	JD	12/21/2024	0247
7440-43-9	Cadmium	0.56	JD	12/21/2024	0247
7440-70-2	Calcium	6600	D	12/21/2024	0247
7440-47-3	Chromium	17	D	12/21/2024	0247
7440-48-4	Cobalt	16	D	12/21/2024	0247
7440-50-8	Copper	31	D	12/21/2024	0247
7439-89-6	Iron	22000	D	12/21/2024	0247
7439-92-1	Lead	28	D	12/21/2024	0247
7439-95-4	Magnesium	5900	D	12/21/2024	0247
7439-96-5	Manganese	610	D	12/21/2024	0247
7440-02-0	Nickel	18	D	12/21/2024	0247
7440-09-7	Potassium	2900	D	12/21/2024	0247
7782-49-2	Selenium	9.4	D	12/21/2024	0247
7440-22-4	Silver	1.4	JD [†]	12/21/2024	0247
7440-23-5	Sodium	860	UD	12/21/2024	0247
7440-28-0	Thallium	4.3	UD	12/21/2024	0247
7440-62-2	Vanadium	28	D	12/21/2024	0247
7440-66-6	Zinc	96	D	12/21/2024	0247

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZG5

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZF9

Matrix: SOIL Lab Sample ID: P5185-07

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

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	9500	D	12/21/2024	0251
7440-36-0	Antimony	2.6	JD	12/21/2024	0251
7440-38-2	Arsenic	16	D	12/21/2024	0251
7440-39-3	Barium	120	D	12/21/2024	0251
7440-41-7	Beryllium	0.86	D	12/21/2024	0251
7440-43-9	Cadmium	0.32	JD	12/21/2024	0251
7440-70-2	Calcium	5000	D	12/21/2024	0251
7440-47-3	Chromium	23	D	12/21/2024	0251
7440-48-4	Cobalt	15	D	12/21/2024	0251
7440-50-8	Copper	25	D	12/21/2024	0251
7439-89-6	Iron	18000	D	12/21/2024	0251
7439-92-1	Lead	22	D	12/21/2024	0251
7439-95-4	Magnesium	5600	D	12/21/2024	0251
7439-96-5	Manganese	570	D	12/21/2024	0251
7440-02-0	Nickel	26	D	12/21/2024	0251
7440-09-7	Potassium	2600	D	12/21/2024	0251
7782-49-2	Selenium	7.9	D	12/21/2024	0251
7440-22-4	Silver	1.1	JD [†]	12/21/2024	0251
7440-23-5	Sodium	280	JD	12/21/2024	0251
7440-28-0	Thallium	4.1	UD	12/21/2024	0251
7440-62-2	Vanadium	24	D	12/21/2024	0251
7440-66-6	Zinc	75	D	12/21/2024	0251

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZG6

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZF9

Matrix: SOIL Lab Sample ID: P5185-08

% Solids: 79 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	0255
7440-36-0	Antimony	2.7	JD	12/21/2024	0255
7440-38-2	Arsenic	23	D	12/21/2024	0255
7440-39-3	Barium	140	D	12/21/2024	0255
7440-41-7	Beryllium	0.99	JD	12/21/2024	0255
7440-43-9	Cadmium	0.30	JD	12/21/2024	0255
7440-70-2	Calcium	5800	D	12/21/2024	0255
7440-47-3	Chromium	27	D	12/21/2024	0255
7440-48-4	Cobalt	17	D	12/21/2024	0255
7440-50-8	Copper	28	D	12/21/2024	0255
7439-89-6	Iron	20000	D	12/21/2024	0255
7439-92-1	Lead	22	D	12/21/2024	0255
7439-95-4	Magnesium	6300	D	12/21/2024	0255
7439-96-5	Manganese	620	D	12/21/2024	0255
7440-02-0	Nickel	61	D	12/21/2024	0255
7440-09-7	Potassium	3000	D	12/21/2024	0255
7782-49-2	Selenium	9.4	D	12/21/2024	0255
7440-22-4	Silver	1.3	JD [†]	12/21/2024	0255
7440-23-5	Sodium	310	JD	12/21/2024	0255
7440-28-0	Thallium	5.4	UD	12/21/2024	0255
7440-62-2	Vanadium	31	D	12/21/2024	0255
7440-66-6	Zinc	77	D	12/21/2024	0255

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZG7

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZF9

Matrix: SOIL Lab Sample ID: P5185-09

% 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	8600	D	12/21/2024	0259
7440-36-0	Antimony	2.3	JD	12/21/2024	0259
7440-38-2	Arsenic	15	D	12/21/2024	0259
7440-39-3	Barium	140	D	12/21/2024	0259
7440-41-7	Beryllium	0.81	D	12/21/2024	0259
7440-43-9	Cadmium	0.30	JD	12/21/2024	0259
7440-70-2	Calcium	6100	D	12/21/2024	0259
7440-47-3	Chromium	24	D	12/21/2024	0259
7440-48-4	Cobalt	13	D	12/21/2024	0259
7440-50-8	Copper	19	D	12/21/2024	0259
7439-89-6	Iron	16000	D	12/21/2024	0259
7439-92-1	Lead	20	D	12/21/2024	0259
7439-95-4	Magnesium	5700	D	12/21/2024	0259
7439-96-5	Manganese	450	D	12/21/2024	0259
7440-02-0	Nickel	28	D	12/21/2024	0259
7440-09-7	Potassium	3600	D	12/21/2024	0259
7782-49-2	Selenium	6.9	D	12/21/2024	0259
7440-22-4	Silver	1.0	JD [†]	12/21/2024	0259
7440-23-5	Sodium	200	JD	12/21/2024	0259
7440-28-0	Thallium	4.0	UD	12/21/2024	0259
7440-62-2	Vanadium	25	D	12/21/2024	0259
7440-66-6	Zinc	79	D	12/21/2024	0259

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZG8

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZF9

Matrix: SOIL Lab Sample ID: P5185-10

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

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	7800	D	12/21/2024	0302
7440-36-0	Antimony	1.8	JD	12/21/2024	0302
7440-38-2	Arsenic	15	D	12/21/2024	0302
7440-39-3	Barium	110	D	12/21/2024	0302
7440-41-7	Beryllium	0.74	JD	12/21/2024	0302
7440-43-9	Cadmium	0.32	JD	12/21/2024	0302
7440-70-2	Calcium	4100	D	12/21/2024	0302
7440-47-3	Chromium	22	D	12/21/2024	0302
7440-48-4	Cobalt	13	D	12/21/2024	0302
7440-50-8	Copper	18	D	12/21/2024	0302
7439-89-6	Iron	15000	D	12/21/2024	0302
7439-92-1	Lead	19	D	12/21/2024	0302
7439-95-4	Magnesium	5100	D	12/21/2024	0302
7439-96-5	Manganese	400	D	12/21/2024	0302
7440-02-0	Nickel	27	D	12/21/2024	0302
7440-09-7	Potassium	2700	D	12/21/2024	0302
7782-49-2	Selenium	6.0	D	12/21/2024	0302
7440-22-4	Silver	0.88	JD [†]	12/21/2024	0302
7440-23-5	Sodium	750	UD	12/21/2024	0302
7440-28-0	Thallium	3.8	UD	12/21/2024	0302
7440-62-2	Vanadium	23	D	12/21/2024	0302
7440-66-6	Zinc	68	D	12/21/2024	0302

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZM9

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZF9

Matrix: SOIL Lab Sample ID: P5185-11

% 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	4700	D	12/21/2024	0306
7440-36-0	Antimony	1.6	JD	12/21/2024	0306
7440-38-2	Arsenic	10	D	12/21/2024	0306
7440-39-3	Barium	55	D	12/21/2024	0306
7440-41-7	Beryllium	0.47	JD	12/21/2024	0306
7440-43-9	Cadmium	0.14	JD	12/21/2024	0306
7440-70-2	Calcium	4000	D	12/21/2024	0306
7440-47-3	Chromium	10	D	12/21/2024	0306
7440-48-4	Cobalt	9.1	D	12/21/2024	0306
7440-50-8	Copper	16	D	12/21/2024	0306
7439-89-6	Iron	13000	D	12/21/2024	0306
7439-92-1	Lead	8.1	D	12/21/2024	0306
7439-95-4	Magnesium	3200	D	12/21/2024	0306
7439-96-5	Manganese	280	D	12/21/2024	0306
7440-02-0	Nickel	11	D	12/21/2024	0306
7440-09-7	Potassium	490	JD	12/21/2024	0306
7782-49-2	Selenium	5.1	D	12/21/2024	0306
7440-22-4	Silver	0.79	JD [†]	12/21/2024	0306
7440-23-5	Sodium	180	JD	12/21/2024	0306
7440-28-0	Thallium	3.6	UD	12/21/2024	0306
7440-62-2	Vanadium	28	D	12/21/2024	0306
7440-66-6	Zinc	34	D	12/21/2024	0306

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

Comments:

FORM 1 - IN
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MYCZN0

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZF9

Matrix: SOIL Lab Sample ID: P5185-12

% Solids: 93.4 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	6200	D	12/21/2024	0310
7440-36-0	Antimony	2.2	JD	12/21/2024	0310
7440-38-2	Arsenic	19	D	12/21/2024	0310
7440-39-3	Barium	77	D	12/21/2024	0310
7440-41-7	Beryllium	0.60	JD	12/21/2024	0310
7440-43-9	Cadmium	0.26	JD	12/21/2024	0310
7440-70-2	Calcium	4700	D	12/21/2024	0310
7440-47-3	Chromium	12	D	12/21/2024	0310
7440-48-4	Cobalt	11	D	12/21/2024	0310
7440-50-8	Copper	27	D	12/21/2024	0310
7439-89-6	Iron	15000	D	12/21/2024	0310
7439-92-1	Lead	22	D	12/21/2024	0310
7439-95-4	Magnesium	4100	D	12/21/2024	0310
7439-96-5	Manganese	370	D	12/21/2024	0310
7440-02-0	Nickel	16	D	12/21/2024	0310
7440-09-7	Potassium	710	JD	12/21/2024	0310
7782-49-2	Selenium	6.6	D	12/21/2024	0310
7440-22-4	Silver	0.89	JD [†]	12/21/2024	0310
7440-23-5	Sodium	410	JD	12/21/2024	0310
7440-28-0	Thallium	3.9	UD	12/21/2024	0310
7440-62-2	Vanadium	25	D	12/21/2024	0310
7440-66-6	Zinc	160	D	12/21/2024	0310

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZN1

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZF9

Matrix: SOIL Lab Sample ID: P5185-13

% Solids: 80.3 Date Received: 12/06/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	9400	D	12/21/2024	0314
7440-36-0	Antimony	2.6	JD	12/21/2024	0314
7440-38-2	Arsenic	27	D	12/21/2024	0314
7440-39-3	Barium	120	D	12/21/2024	0314
7440-41-7	Beryllium	0.83	JD	12/21/2024	0314
7440-43-9	Cadmium	0.28	JD	12/21/2024	0314
7440-70-2	Calcium	12000	D	12/21/2024	0314
7440-47-3	Chromium	18	D	12/21/2024	0314
7440-48-4	Cobalt	16	D	12/21/2024	0314
7440-50-8	Copper	35	D	12/21/2024	0314
7439-89-6	Iron	20000	D	12/21/2024	0314
7439-92-1	Lead	18	D	12/21/2024	0314
7439-95-4	Magnesium	6000	D	12/21/2024	0314
7439-96-5	Manganese	580	D	12/21/2024	0314
7440-02-0	Nickel	20	D	12/21/2024	0314
7440-09-7	Potassium	1500	D	12/21/2024	0314
7782-49-2	Selenium	8.1	D	12/21/2024	0314
7440-22-4	Silver	1.3	JD [†]	12/21/2024	0314
7440-23-5	Sodium	1900	D	12/21/2024	0314
7440-28-0	Thallium	4.9	UD	12/21/2024	0314
7440-62-2	Vanadium	37	D	12/21/2024	0314
7440-66-6	Zinc	65	D	12/21/2024	0314

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

Comments:

FORM 1 - IN
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MYCZN2

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZF9

Matrix: SOIL Lab Sample ID: P5185-14

% 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	9700	D	12/21/2024	0318
7440-36-0	Antimony	3.7	JD	12/21/2024	0318
7440-38-2	Arsenic	12	D	12/21/2024	0318
7440-39-3	Barium	74	D	12/21/2024	0318
7440-41-7	Beryllium	0.78	JD	12/21/2024	0318
7440-43-9	Cadmium	0.21	JD	12/21/2024	0318
7440-70-2	Calcium	3800	D	12/21/2024	0318
7440-47-3	Chromium	22	D	12/21/2024	0318
7440-48-4	Cobalt	16	D	12/21/2024	0318
7440-50-8	Copper	28	D	12/21/2024	0318
7439-89-6	Iron	22000	D	12/21/2024	0318
7439-92-1	Lead	9.3	D	12/21/2024	0318
7439-95-4	Magnesium	6400	D	12/21/2024	0318
7439-96-5	Manganese	420	D	12/21/2024	0318
7440-02-0	Nickel	19	D	12/21/2024	0318
7440-09-7	Potassium	2800	D	12/21/2024	0318
7782-49-2	Selenium	10	D	12/21/2024	0318
7440-22-4	Silver	1.1	JD [†]	12/21/2024	0318
7440-23-5	Sodium	200	JD	12/21/2024	0318
7440-28-0	Thallium	4.0	UD	12/21/2024	0318
7440-62-2	Vanadium	39	D	12/21/2024	0318
7440-66-6	Zinc	38	D	12/21/2024	0318

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZN3

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZF9

Matrix: SOIL Lab Sample ID: P5185-15

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

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	3800	D	12/21/2024	0322
7440-36-0	Antimony	1.7	JD	12/21/2024	0322
7440-38-2	Arsenic	7.9	D	12/21/2024	0322
7440-39-3	Barium	39	D	12/21/2024	0322
7440-41-7	Beryllium	0.39	JD	12/21/2024	0322
7440-43-9	Cadmium	0.14	JD	12/21/2024	0322
7440-70-2	Calcium	2900	D	12/21/2024	0322
7440-47-3	Chromium	8.4	D	12/21/2024	0322
7440-48-4	Cobalt	7.3	JD	12/21/2024	0322
7440-50-8	Copper	13	D	12/21/2024	0322
7439-89-6	Iron	11000	D	12/21/2024	0322
7439-92-1	Lead	7.4	D	12/21/2024	0322
7439-95-4	Magnesium	2600	D	12/21/2024	0322
7439-96-5	Manganese	240	D	12/21/2024	0322
7440-02-0	Nickel	8.6	D	12/21/2024	0322
7440-09-7	Potassium	300	JD	12/21/2024	0322
7782-49-2	Selenium	4.6	JD	12/21/2024	0322
7440-22-4	Silver	0.63	JD [†]	12/21/2024	0322
7440-23-5	Sodium	740	UD	12/21/2024	0322
7440-28-0	Thallium	3.7	UD	12/21/2024	0322
7440-62-2	Vanadium	25	D	12/21/2024	0322
7440-66-6	Zinc	39	D	12/21/2024	0322

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

Comments:

FORM 1 - IN
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MYCZN4

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZF9

Matrix: SOIL Lab Sample ID: P5185-16

% 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	12000	D	12/21/2024	0326
7440-36-0	Antimony	3.5	JD	12/21/2024	0326
7440-38-2	Arsenic	25	D	12/21/2024	0326
7440-39-3	Barium	120	D	12/21/2024	0326
7440-41-7	Beryllium	0.90	D	12/21/2024	0326
7440-43-9	Cadmium	0.50	JD	12/21/2024	0326
7440-70-2	Calcium	10000	D	12/21/2024	0326
7440-47-3	Chromium	25	D	12/21/2024	0326
7440-48-4	Cobalt	22	D	12/21/2024	0326
7440-50-8	Copper	80	D	12/21/2024	0326
7439-89-6	Iron	25000	D	12/21/2024	0326
7439-92-1	Lead	23	D	12/21/2024	0326
7439-95-4	Magnesium	8100	D	12/21/2024	0326
7439-96-5	Manganese	830	D	12/21/2024	0326
7440-02-0	Nickel	27	D	12/21/2024	0326
7440-09-7	Potassium	1800	D	12/21/2024	0326
7782-49-2	Selenium	11	D	12/21/2024	0326
7440-22-4	Silver	1.4	JD [†]	12/21/2024	0326
7440-23-5	Sodium	310	JD	12/21/2024	0326
7440-28-0	Thallium	4.3	UD	12/21/2024	0326
7440-62-2	Vanadium	52	D	12/21/2024	0326
7440-66-6	Zinc	79	D	12/21/2024	0326

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZN5

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZF9
 Matrix: SOIL Lab Sample ID: P5185-17
 % 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	12000	D	12/21/2024	0330
7440-36-0	Antimony	3.1	JD	12/21/2024	0330
7440-38-2	Arsenic	29	D	12/21/2024	0330
7440-39-3	Barium	160	D	12/21/2024	0330
7440-41-7	Beryllium	1.0	D	12/21/2024	0330
7440-43-9	Cadmium	0.55	JD	12/21/2024	0330
7440-70-2	Calcium	13000	D	12/21/2024	0330
7440-47-3	Chromium	21	D	12/21/2024	0330
7440-48-4	Cobalt	19	D	12/21/2024	0330
7440-50-8	Copper	63	D	12/21/2024	0330
7439-89-6	Iron	23000	D	12/21/2024	0330
7439-92-1	Lead	30	D	12/21/2024	0330
7439-95-4	Magnesium	6900	D	12/21/2024	0330
7439-96-5	Manganese	670	D	12/21/2024	0330
7440-02-0	Nickel	25	D	12/21/2024	0330
7440-09-7	Potassium	2200	D	12/21/2024	0330
7782-49-2	Selenium	8.9	D	12/21/2024	0330
7440-22-4	Silver	1.5	JD [†]	12/21/2024	0330
7440-23-5	Sodium	180	JD	12/21/2024	0330
7440-28-0	Thallium	4.3	UD	12/21/2024	0330
7440-62-2	Vanadium	39	D	12/21/2024	0330
7440-66-6	Zinc	110	D	12/21/2024	0330

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

Comments:

FORM 1 - IN
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MYCZN6

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZF9

Matrix: SOIL Lab Sample ID: P5185-18

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

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	7400	D	12/21/2024	0341
7440-36-0	Antimony	3.0	JD	12/21/2024	0341
7440-38-2	Arsenic	14	D	12/21/2024	0341
7440-39-3	Barium	75	D	12/21/2024	0341
7440-41-7	Beryllium	0.66	JD	12/21/2024	0341
7440-43-9	Cadmium	0.28	JD	12/21/2024	0341
7440-70-2	Calcium	4300	D	12/21/2024	0341
7440-47-3	Chromium	15	D	12/21/2024	0341
7440-48-4	Cobalt	13	D	12/21/2024	0341
7440-50-8	Copper	48	D	12/21/2024	0341
7439-89-6	Iron	18000	D	12/21/2024	0341
7439-92-1	Lead	13	D	12/21/2024	0341
7439-95-4	Magnesium	4800	D	12/21/2024	0341
7439-96-5	Manganese	390	D	12/21/2024	0341
7440-02-0	Nickel	16	D	12/21/2024	0341
7440-09-7	Potassium	970	D	12/21/2024	0341
7782-49-2	Selenium	8.1	D	12/21/2024	0341
7440-22-4	Silver	1.1	JD [†]	12/21/2024	0341
7440-23-5	Sodium	180	JD	12/21/2024	0341
7440-28-0	Thallium	4.2	UD	12/21/2024	0341
7440-62-2	Vanadium	35	D	12/21/2024	0341
7440-66-6	Zinc	74	D	12/21/2024	0341

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

Comments:

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MYCZN7

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZF9

Matrix: SOIL Lab Sample ID: P5185-19

% 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	4300	D	12/21/2024	0345
7440-36-0	Antimony	1.0	JD	12/21/2024	0345
7440-38-2	Arsenic	8.1	D	12/21/2024	0345
7440-39-3	Barium	52	D	12/21/2024	0345
7440-41-7	Beryllium	0.42	JD	12/21/2024	0345
7440-43-9	Cadmium	0.12	JD	12/21/2024	0345
7440-70-2	Calcium	3400	D	12/21/2024	0345
7440-47-3	Chromium	7.8	D	12/21/2024	0345
7440-48-4	Cobalt	7.9	JD	12/21/2024	0345
7440-50-8	Copper	18	D	12/21/2024	0345
7439-89-6	Iron	9800	D	12/21/2024	0345
7439-92-1	Lead	8.0	D	12/21/2024	0345
7439-95-4	Magnesium	2700	D	12/21/2024	0345
7439-96-5	Manganese	260	D	12/21/2024	0345
7440-02-0	Nickel	9.6	D	12/21/2024	0345
7440-09-7	Potassium	520	JD	12/21/2024	0345
7782-49-2	Selenium	4.0	JD	12/21/2024	0345
7440-22-4	Silver	0.74	JD [†]	12/21/2024	0345
7440-23-5	Sodium	890	UD	12/21/2024	0345
7440-28-0	Thallium	4.4	UD	12/21/2024	0345
7440-62-2	Vanadium	20	D	12/21/2024	0345
7440-66-6	Zinc	28	D	12/21/2024	0345

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

Comments:

FORM 1 - IN
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MYCZN8

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZF9

Matrix: SOIL Lab Sample ID: P5185-20

% Solids: 99.4 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	7000	D	12/21/2024	0349
7440-36-0	Antimony	2.6	JD	12/21/2024	0349
7440-38-2	Arsenic	13	D	12/21/2024	0349
7440-39-3	Barium	59	D	12/21/2024	0349
7440-41-7	Beryllium	0.56	JD	12/21/2024	0349
7440-43-9	Cadmium	0.20	JD	12/21/2024	0349
7440-70-2	Calcium	3500	D	12/21/2024	0349
7440-47-3	Chromium	16	D	12/21/2024	0349
7440-48-4	Cobalt	11	D	12/21/2024	0349
7440-50-8	Copper	44	D	12/21/2024	0349
7439-89-6	Iron	16000	D	12/21/2024	0349
7439-92-1	Lead	13	D	12/21/2024	0349
7439-95-4	Magnesium	4700	D	12/21/2024	0349
7439-96-5	Manganese	350	D	12/21/2024	0349
7440-02-0	Nickel	15	D	12/21/2024	0349
7440-09-7	Potassium	890	D	12/21/2024	0349
7782-49-2	Selenium	7.5	D	12/21/2024	0349
7440-22-4	Silver	0.79	JD [†]	12/21/2024	0349
7440-23-5	Sodium	180	JD	12/21/2024	0349
7440-28-0	Thallium	4.0	UD	12/21/2024	0349
7440-62-2	Vanadium	38	D	12/21/2024	0349
7440-66-6	Zinc	55	D	12/21/2024	0349

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

Comments: