

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZD9

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZD9

Matrix: SOIL Lab Sample ID: P5184-01

% 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	32000	D	12/20/2024	2245
7440-36-0	Antimony	16	D	12/20/2024	2245
7440-38-2	Arsenic	48	D	12/20/2024	2245
7440-39-3	Barium	46	D	12/20/2024	2245
7440-41-7	Beryllium	1.8	D	12/20/2024	2245
7440-43-9	Cadmium	0.56	JD	12/20/2024	2245
7440-70-2	Calcium	7600	D	12/20/2024	2245
7440-47-3	Chromium	140	D*	12/20/2024	2245
7440-48-4	Cobalt	59	D	12/20/2024	2245
7440-50-8	Copper	190	D	12/20/2024	2245
7439-89-6	Iron	73000	D	12/20/2024	2245
7439-92-1	Lead	20	D	12/20/2024	2245
7439-95-4	Magnesium	23000	D	12/20/2024	2245
7439-96-5	Manganese	1600	D	12/20/2024	2245
7440-02-0	Nickel	91	D	12/20/2024	2245
7440-09-7	Potassium	910	UD	12/20/2024	2245
7782-49-2	Selenium	36	D	12/20/2024	2245
7440-22-4	Silver	3.8	D*	12/20/2024	2245
7440-23-5	Sodium	910	UD	12/20/2024	2245
7440-28-0	Thallium	4.6	UD	12/20/2024	2245
7440-62-2	Vanadium	180	D	12/20/2024	2245
7440-66-6	Zinc	61	D*	12/20/2024	2245

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZE0

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZD9

Matrix: SOIL Lab Sample ID: P5184-02

% 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	22000	D	12/20/2024	2249
7440-36-0	Antimony	11	D	12/20/2024	2249
7440-38-2	Arsenic	42	D	12/20/2024	2249
7440-39-3	Barium	67	D	12/20/2024	2249
7440-41-7	Beryllium	1.4	D	12/20/2024	2249
7440-43-9	Cadmium	0.60	JD	12/20/2024	2249
7440-70-2	Calcium	6000	D	12/20/2024	2249
7440-47-3	Chromium	79	D*	12/20/2024	2249
7440-48-4	Cobalt	35	D	12/20/2024	2249
7440-50-8	Copper	120	D	12/20/2024	2249
7439-89-6	Iron	50000	D	12/20/2024	2249
7439-92-1	Lead	23	D	12/20/2024	2249
7439-95-4	Magnesium	15000	D	12/20/2024	2249
7439-96-5	Manganese	880	D	12/20/2024	2249
7440-02-0	Nickel	55	D	12/20/2024	2249
7440-09-7	Potassium	1200	D	12/20/2024	2249
7782-49-2	Selenium	24	D	12/20/2024	2249
7440-22-4	Silver	2.7	D*	12/20/2024	2249
7440-23-5	Sodium	790	UD	12/20/2024	2249
7440-28-0	Thallium	4.0	UD	12/20/2024	2249
7440-62-2	Vanadium	120	D	12/20/2024	2249
7440-66-6	Zinc	64	D*	12/20/2024	2249

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

Comments:

FORM 1 - IN
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MYCZE1

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZD9

Matrix: SOIL Lab Sample ID: P5184-03

% 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	21000	D	12/20/2024	2252
7440-36-0	Antimony	10	D	12/20/2024	2252
7440-38-2	Arsenic	40	D	12/20/2024	2252
7440-39-3	Barium	69	D	12/20/2024	2252
7440-41-7	Beryllium	1.3	D	12/20/2024	2252
7440-43-9	Cadmium	0.56	JD	12/20/2024	2252
7440-70-2	Calcium	5700	D	12/20/2024	2252
7440-47-3	Chromium	74	D*	12/20/2024	2252
7440-48-4	Cobalt	34	D	12/20/2024	2252
7440-50-8	Copper	110	D	12/20/2024	2252
7439-89-6	Iron	47000	D	12/20/2024	2252
7439-92-1	Lead	22	D	12/20/2024	2252
7439-95-4	Magnesium	14000	D	12/20/2024	2252
7439-96-5	Manganese	850	D	12/20/2024	2252
7440-02-0	Nickel	52	D	12/20/2024	2252
7440-09-7	Potassium	1100	D	12/20/2024	2252
7782-49-2	Selenium	23	D	12/20/2024	2252
7440-22-4	Silver	2.6	D*	12/20/2024	2252
7440-23-5	Sodium	760	UD	12/20/2024	2252
7440-28-0	Thallium	3.8	UD	12/20/2024	2252
7440-62-2	Vanadium	110	D	12/20/2024	2252
7440-66-6	Zinc	60	D*	12/20/2024	2252

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

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FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZE2

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZD9

Matrix: SOIL Lab Sample ID: P5184-04

% 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	28000	D	12/20/2024	2256
7440-36-0	Antimony	16	D	12/20/2024	2256
7440-38-2	Arsenic	160	D	12/20/2024	2256
7440-39-3	Barium	89	D	12/20/2024	2256
7440-41-7	Beryllium	1.8	D	12/20/2024	2256
7440-43-9	Cadmium	1.8	D	12/20/2024	2256
7440-70-2	Calcium	6700	D	12/20/2024	2256
7440-47-3	Chromium	130	D*	12/20/2024	2256
7440-48-4	Cobalt	58	D	12/20/2024	2256
7440-50-8	Copper	390	D	12/20/2024	2256
7439-89-6	Iron	73000	D	12/20/2024	2256
7439-92-1	Lead	58	D	12/20/2024	2256
7439-95-4	Magnesium	21000	D	12/20/2024	2256
7439-96-5	Manganese	1600	D	12/20/2024	2256
7440-02-0	Nickel	94	D	12/20/2024	2256
7440-09-7	Potassium	370	JD	12/20/2024	2256
7782-49-2	Selenium	36	D	12/20/2024	2256
7440-22-4	Silver	4.2	D*	12/20/2024	2256
7440-23-5	Sodium	720	UD	12/20/2024	2256
7440-28-0	Thallium	3.6	UD	12/20/2024	2256
7440-62-2	Vanadium	190	D	12/20/2024	2256
7440-66-6	Zinc	120	D*	12/20/2024	2256

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZE3

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZD9

Matrix: SOIL Lab Sample ID: P5184-05

% 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	36000	D	12/20/2024	2300
7440-36-0	Antimony	17	D	12/20/2024	2300
7440-38-2	Arsenic	150	D	12/20/2024	2300
7440-39-3	Barium	58	D	12/20/2024	2300
7440-41-7	Beryllium	1.8	D	12/20/2024	2300
7440-43-9	Cadmium	3.1	D	12/20/2024	2300
7440-70-2	Calcium	5500	D	12/20/2024	2300
7440-47-3	Chromium	160	D*	12/20/2024	2300
7440-48-4	Cobalt	51	D	12/20/2024	2300
7440-50-8	Copper	490	D	12/20/2024	2300
7439-89-6	Iron	74000	D	12/20/2024	2300
7439-92-1	Lead	120	D	12/20/2024	2300
7439-95-4	Magnesium	28000	D	12/20/2024	2300
7439-96-5	Manganese	1300	D	12/20/2024	2300
7440-02-0	Nickel	100	D	12/20/2024	2300
7440-09-7	Potassium	560	JD	12/20/2024	2300
7782-49-2	Selenium	37	D	12/20/2024	2300
7440-22-4	Silver	3.8	D*	12/20/2024	2300
7440-23-5	Sodium	760	UD	12/20/2024	2300
7440-28-0	Thallium	3.8	UD	12/20/2024	2300
7440-62-2	Vanadium	200	D	12/20/2024	2300
7440-66-6	Zinc	220	D*	12/20/2024	2300

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZE4

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZD9

Matrix: SOIL Lab Sample ID: P5184-06

% 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	34000	D	12/20/2024	2304
7440-36-0	Antimony	16	D	12/20/2024	2304
7440-38-2	Arsenic	42	D	12/20/2024	2304
7440-39-3	Barium	39	D	12/20/2024	2304
7440-41-7	Beryllium	1.8	D	12/20/2024	2304
7440-43-9	Cadmium	0.61	JD	12/20/2024	2304
7440-70-2	Calcium	9600	D	12/20/2024	2304
7440-47-3	Chromium	140	D*	12/20/2024	2304
7440-48-4	Cobalt	51	D	12/20/2024	2304
7440-50-8	Copper	140	D	12/20/2024	2304
7439-89-6	Iron	76000	D	12/20/2024	2304
7439-92-1	Lead	26	D	12/20/2024	2304
7439-95-4	Magnesium	28000	D	12/20/2024	2304
7439-96-5	Manganese	1300	D	12/20/2024	2304
7440-02-0	Nickel	88	D	12/20/2024	2304
7440-09-7	Potassium	840	UD	12/20/2024	2304
7782-49-2	Selenium	38	D	12/20/2024	2304
7440-22-4	Silver	3.6	D*	12/20/2024	2304
7440-23-5	Sodium	840	UD	12/20/2024	2304
7440-28-0	Thallium	4.2	UD	12/20/2024	2304
7440-62-2	Vanadium	220	D	12/20/2024	2304
7440-66-6	Zinc	55	D*	12/20/2024	2304

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZE5

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZD9

Matrix: SOIL Lab Sample ID: P5184-07

% 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	38000	D	12/20/2024	2308
7440-36-0	Antimony	18	D	12/20/2024	2308
7440-38-2	Arsenic	130	D	12/20/2024	2308
7440-39-3	Barium	93	D	12/20/2024	2308
7440-41-7	Beryllium	2.0	D	12/20/2024	2308
7440-43-9	Cadmium	4.1	D	12/20/2024	2308
7440-70-2	Calcium	6900	D	12/20/2024	2308
7440-47-3	Chromium	170	D*	12/20/2024	2308
7440-48-4	Cobalt	54	D	12/20/2024	2308
7440-50-8	Copper	420	D	12/20/2024	2308
7439-89-6	Iron	78000	D	12/20/2024	2308
7439-92-1	Lead	67	D	12/20/2024	2308
7439-95-4	Magnesium	28000	D	12/20/2024	2308
7439-96-5	Manganese	1600	D	12/20/2024	2308
7440-02-0	Nickel	100	D	12/20/2024	2308
7440-09-7	Potassium	790	JD	12/20/2024	2308
7782-49-2	Selenium	39	D	12/20/2024	2308
7440-22-4	Silver	4.1	D*	12/20/2024	2308
7440-23-5	Sodium	210	JD	12/20/2024	2308
7440-28-0	Thallium	4.7	UD	12/20/2024	2308
7440-62-2	Vanadium	210	D	12/20/2024	2308
7440-66-6	Zinc	180	D*	12/20/2024	2308

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZE6

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZD9

Matrix: SOIL Lab Sample ID: P5184-08

% 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	24000	D	12/20/2024	2311
7440-36-0	Antimony	12	D	12/20/2024	2311
7440-38-2	Arsenic	41	D	12/20/2024	2311
7440-39-3	Barium	40	D	12/20/2024	2311
7440-41-7	Beryllium	1.3	D	12/20/2024	2311
7440-43-9	Cadmium	0.34	JD	12/20/2024	2311
7440-70-2	Calcium	6700	D	12/20/2024	2311
7440-47-3	Chromium	72	D*	12/20/2024	2311
7440-48-4	Cobalt	55	D	12/20/2024	2311
7440-50-8	Copper	120	D	12/20/2024	2311
7439-89-6	Iron	55000	D	12/20/2024	2311
7439-92-1	Lead	13	D	12/20/2024	2311
7439-95-4	Magnesium	18000	D	12/20/2024	2311
7439-96-5	Manganese	1100	D	12/20/2024	2311
7440-02-0	Nickel	67	D	12/20/2024	2311
7440-09-7	Potassium	130	JD	12/20/2024	2311
7782-49-2	Selenium	27	D	12/20/2024	2311
7440-22-4	Silver	3.1	D*	12/20/2024	2311
7440-23-5	Sodium	720	UD	12/20/2024	2311
7440-28-0	Thallium	3.6	UD	12/20/2024	2311
7440-62-2	Vanadium	130	D	12/20/2024	2311
7440-66-6	Zinc	38	D*	12/20/2024	2311

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZE7

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZD9

Matrix: SOIL Lab Sample ID: P5184-09

% 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	30000	D	12/20/2024	2315
7440-36-0	Antimony	16	D	12/20/2024	2315
7440-38-2	Arsenic	200	D	12/20/2024	2315
7440-39-3	Barium	76	D	12/20/2024	2315
7440-41-7	Beryllium	1.7	D	12/20/2024	2315
7440-43-9	Cadmium	3.8	D	12/20/2024	2315
7440-70-2	Calcium	6500	D	12/20/2024	2315
7440-47-3	Chromium	120	D*	12/20/2024	2315
7440-48-4	Cobalt	44	D	12/20/2024	2315
7440-50-8	Copper	640	D	12/20/2024	2315
7439-89-6	Iron	68000	D	12/20/2024	2315
7439-92-1	Lead	210	D	12/20/2024	2315
7439-95-4	Magnesium	23000	D	12/20/2024	2315
7439-96-5	Manganese	1100	D	12/20/2024	2315
7440-02-0	Nickel	77	D	12/20/2024	2315
7440-09-7	Potassium	2000	D	12/20/2024	2315
7782-49-2	Selenium	36	D	12/20/2024	2315
7440-22-4	Silver	5.1	D*	12/20/2024	2315
7440-23-5	Sodium	970	UD	12/20/2024	2315
7440-28-0	Thallium	4.8	UD	12/20/2024	2315
7440-62-2	Vanadium	180	D	12/20/2024	2315
7440-66-6	Zinc	320	D*	12/20/2024	2315

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZE8

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZD9

Matrix: SOIL Lab Sample ID: P5184-10

% 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	29000	D	12/20/2024	2327
7440-36-0	Antimony	14	D	12/20/2024	2327
7440-38-2	Arsenic	97	D	12/20/2024	2327
7440-39-3	Barium	85	D	12/20/2024	2327
7440-41-7	Beryllium	1.7	D	12/20/2024	2327
7440-43-9	Cadmium	1.8	D	12/20/2024	2327
7440-70-2	Calcium	7800	D	12/20/2024	2327
7440-47-3	Chromium	150	D*	12/20/2024	2327
7440-48-4	Cobalt	54	D	12/20/2024	2327
7440-50-8	Copper	350	D	12/20/2024	2327
7439-89-6	Iron	62000	D	12/20/2024	2327
7439-92-1	Lead	53	D	12/20/2024	2327
7439-95-4	Magnesium	17000	D	12/20/2024	2327
7439-96-5	Manganese	1100	D	12/20/2024	2327
7440-02-0	Nickel	98	D	12/20/2024	2327
7440-09-7	Potassium	740	D	12/20/2024	2327
7782-49-2	Selenium	32	D	12/20/2024	2327
7440-22-4	Silver	4.3	D*	12/20/2024	2327
7440-23-5	Sodium	740	UD	12/20/2024	2327
7440-28-0	Thallium	3.7	UD	12/20/2024	2327
7440-62-2	Vanadium	120	D	12/20/2024	2327
7440-66-6	Zinc	130	D*	12/20/2024	2327

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZE9

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZD9

Matrix: SOIL Lab Sample ID: P5184-11

% 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	29000	D	12/20/2024	2330
7440-36-0	Antimony	14	D	12/20/2024	2330
7440-38-2	Arsenic	150	D	12/20/2024	2330
7440-39-3	Barium	87	D	12/20/2024	2330
7440-41-7	Beryllium	1.7	D	12/20/2024	2330
7440-43-9	Cadmium	6.4	D	12/20/2024	2330
7440-70-2	Calcium	6300	D	12/20/2024	2330
7440-47-3	Chromium	140	D*	12/20/2024	2330
7440-48-4	Cobalt	55	D	12/20/2024	2330
7440-50-8	Copper	570	D	12/20/2024	2330
7439-89-6	Iron	62000	D	12/20/2024	2330
7439-92-1	Lead	110	D	12/20/2024	2330
7439-95-4	Magnesium	18000	D	12/20/2024	2330
7439-96-5	Manganese	1400	D	12/20/2024	2330
7440-02-0	Nickel	95	D	12/20/2024	2330
7440-09-7	Potassium	910	D	12/20/2024	2330
7782-49-2	Selenium	32	D	12/20/2024	2330
7440-22-4	Silver	4.8	D*	12/20/2024	2330
7440-23-5	Sodium	810	UD	12/20/2024	2330
7440-28-0	Thallium	4.1	UD	12/20/2024	2330
7440-62-2	Vanadium	120	D	12/20/2024	2330
7440-66-6	Zinc	260	D*	12/20/2024	2330

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZF0

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZD9

Matrix: SOIL Lab Sample ID: P5184-12

% Solids: 98.2 Date Received: 12/06/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	29000	D	12/20/2024	2334
7440-36-0	Antimony	15	D	12/20/2024	2334
7440-38-2	Arsenic	160	D	12/20/2024	2334
7440-39-3	Barium	59	D	12/20/2024	2334
7440-41-7	Beryllium	1.7	D	12/20/2024	2334
7440-43-9	Cadmium	3.0	D	12/20/2024	2334
7440-70-2	Calcium	5200	D	12/20/2024	2334
7440-47-3	Chromium	140	D*	12/20/2024	2334
7440-48-4	Cobalt	50	D	12/20/2024	2334
7440-50-8	Copper	510	D	12/20/2024	2334
7439-89-6	Iron	64000	D	12/20/2024	2334
7439-92-1	Lead	160	D	12/20/2024	2334
7439-95-4	Magnesium	22000	D	12/20/2024	2334
7439-96-5	Manganese	1100	D	12/20/2024	2334
7440-02-0	Nickel	95	D	12/20/2024	2334
7440-09-7	Potassium	950	D	12/20/2024	2334
7782-49-2	Selenium	33	D	12/20/2024	2334
7440-22-4	Silver	5.0	D*	12/20/2024	2334
7440-23-5	Sodium	780	UD	12/20/2024	2334
7440-28-0	Thallium	3.9	UD	12/20/2024	2334
7440-62-2	Vanadium	140	D	12/20/2024	2334
7440-66-6	Zinc	280	D*	12/20/2024	2334

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZF1

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZD9

Matrix: SOIL Lab Sample ID: P5184-13

% 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	30000	D	12/20/2024	2338
7440-36-0	Antimony	14	D	12/20/2024	2338
7440-38-2	Arsenic	120	D	12/20/2024	2338
7440-39-3	Barium	73	D	12/20/2024	2338
7440-41-7	Beryllium	1.7	D	12/20/2024	2338
7440-43-9	Cadmium	5.1	D	12/20/2024	2338
7440-70-2	Calcium	5800	D	12/20/2024	2338
7440-47-3	Chromium	120	D*	12/20/2024	2338
7440-48-4	Cobalt	50	D	12/20/2024	2338
7440-50-8	Copper	370	D	12/20/2024	2338
7439-89-6	Iron	63000	D	12/20/2024	2338
7439-92-1	Lead	65	D	12/20/2024	2338
7439-95-4	Magnesium	20000	D	12/20/2024	2338
7439-96-5	Manganese	1400	D	12/20/2024	2338
7440-02-0	Nickel	78	D	12/20/2024	2338
7440-09-7	Potassium	590	JD	12/20/2024	2338
7782-49-2	Selenium	32	D	12/20/2024	2338
7440-22-4	Silver	3.9	D*	12/20/2024	2338
7440-23-5	Sodium	920	UD	12/20/2024	2338
7440-28-0	Thallium	4.6	UD	12/20/2024	2338
7440-62-2	Vanadium	130	D	12/20/2024	2338
7440-66-6	Zinc	190	D*	12/20/2024	2338

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZF2

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZD9

Matrix: SOIL Lab Sample ID: P5184-14

% 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	26000	D	12/20/2024	2342
7440-36-0	Antimony	13	D	12/20/2024	2342
7440-38-2	Arsenic	130	D	12/20/2024	2342
7440-39-3	Barium	68	D	12/20/2024	2342
7440-41-7	Beryllium	1.6	D	12/20/2024	2342
7440-43-9	Cadmium	3.7	D	12/20/2024	2342
7440-70-2	Calcium	5000	D	12/20/2024	2342
7440-47-3	Chromium	130	D*	12/20/2024	2342
7440-48-4	Cobalt	67	D	12/20/2024	2342
7440-50-8	Copper	540	D	12/20/2024	2342
7439-89-6	Iron	59000	D	12/20/2024	2342
7439-92-1	Lead	110	D	12/20/2024	2342
7439-95-4	Magnesium	18000	D	12/20/2024	2342
7439-96-5	Manganese	1400	D	12/20/2024	2342
7440-02-0	Nickel	80	D	12/20/2024	2342
7440-09-7	Potassium	670	JD	12/20/2024	2342
7782-49-2	Selenium	29	D	12/20/2024	2342
7440-22-4	Silver	3.9	D*	12/20/2024	2342
7440-23-5	Sodium	750	UD	12/20/2024	2342
7440-28-0	Thallium	3.8	UD	12/20/2024	2342
7440-62-2	Vanadium	110	D	12/20/2024	2342
7440-66-6	Zinc	200	D*	12/20/2024	2342

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZF3

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZD9

Matrix: SOIL Lab Sample ID: P5184-15

% 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	29000	D	12/20/2024	2346
7440-36-0	Antimony	15	D	12/20/2024	2346
7440-38-2	Arsenic	150	D	12/20/2024	2346
7440-39-3	Barium	74	D	12/20/2024	2346
7440-41-7	Beryllium	1.7	D	12/20/2024	2346
7440-43-9	Cadmium	4.1	D	12/20/2024	2346
7440-70-2	Calcium	5700	D	12/20/2024	2346
7440-47-3	Chromium	130	D*	12/20/2024	2346
7440-48-4	Cobalt	79	D	12/20/2024	2346
7440-50-8	Copper	630	D	12/20/2024	2346
7439-89-6	Iron	64000	D	12/20/2024	2346
7439-92-1	Lead	120	D	12/20/2024	2346
7439-95-4	Magnesium	19000	D	12/20/2024	2346
7439-96-5	Manganese	1400	D	12/20/2024	2346
7440-02-0	Nickel	85	D	12/20/2024	2346
7440-09-7	Potassium	700	JD	12/20/2024	2346
7782-49-2	Selenium	32	D	12/20/2024	2346
7440-22-4	Silver	4.4	D*	12/20/2024	2346
7440-23-5	Sodium	930	UD	12/20/2024	2346
7440-28-0	Thallium	4.7	UD	12/20/2024	2346
7440-62-2	Vanadium	120	D	12/20/2024	2346
7440-66-6	Zinc	220	D*	12/20/2024	2346

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZF4

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZD9

Matrix: SOIL Lab Sample ID: P5184-16

% 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	27000	D	12/20/2024	2349
7440-36-0	Antimony	13	D	12/20/2024	2349
7440-38-2	Arsenic	62	D	12/20/2024	2349
7440-39-3	Barium	59	D	12/20/2024	2349
7440-41-7	Beryllium	1.6	D	12/20/2024	2349
7440-43-9	Cadmium	0.65	JD	12/20/2024	2349
7440-70-2	Calcium	7000	D	12/20/2024	2349
7440-47-3	Chromium	99	D*	12/20/2024	2349
7440-48-4	Cobalt	49	D	12/20/2024	2349
7440-50-8	Copper	140	D	12/20/2024	2349
7439-89-6	Iron	61000	D	12/20/2024	2349
7439-92-1	Lead	25	D	12/20/2024	2349
7439-95-4	Magnesium	20000	D	12/20/2024	2349
7439-96-5	Manganese	1400	D	12/20/2024	2349
7440-02-0	Nickel	78	D	12/20/2024	2349
7440-09-7	Potassium	850	JD	12/20/2024	2349
7782-49-2	Selenium	30	D	12/20/2024	2349
7440-22-4	Silver	3.2	D*	12/20/2024	2349
7440-23-5	Sodium	910	UD	12/20/2024	2349
7440-28-0	Thallium	4.6	UD	12/20/2024	2349
7440-62-2	Vanadium	140	D	12/20/2024	2349
7440-66-6	Zinc	63	D*	12/20/2024	2349

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZF5

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZD9

Matrix: SOIL Lab Sample ID: P5184-17

% 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	27000	D	12/20/2024	2353
7440-36-0	Antimony	13	D	12/20/2024	2353
7440-38-2	Arsenic	60	D	12/20/2024	2353
7440-39-3	Barium	52	D	12/20/2024	2353
7440-41-7	Beryllium	1.5	D	12/20/2024	2353
7440-43-9	Cadmium	0.60	JD	12/20/2024	2353
7440-70-2	Calcium	6500	D	12/20/2024	2353
7440-47-3	Chromium	83	D*	12/20/2024	2353
7440-48-4	Cobalt	44	D	12/20/2024	2353
7440-50-8	Copper	120	D	12/20/2024	2353
7439-89-6	Iron	61000	D	12/20/2024	2353
7439-92-1	Lead	22	D	12/20/2024	2353
7439-95-4	Magnesium	19000	D	12/20/2024	2353
7439-96-5	Manganese	1600	D	12/20/2024	2353
7440-02-0	Nickel	70	D	12/20/2024	2353
7440-09-7	Potassium	710	D	12/20/2024	2353
7782-49-2	Selenium	30	D	12/20/2024	2353
7440-22-4	Silver	3.0	D*	12/20/2024	2353
7440-23-5	Sodium	160	JD	12/20/2024	2353
7440-28-0	Thallium	3.5	UD	12/20/2024	2353
7440-62-2	Vanadium	130	D	12/20/2024	2353
7440-66-6	Zinc	55	D*	12/20/2024	2353

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

Comments:

FORM 1 - IN
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MYCZF6

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZD9

Matrix: SOIL Lab Sample ID: P5184-18

% 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	28000	D	12/20/2024	2357
7440-36-0	Antimony	14	D	12/20/2024	2357
7440-38-2	Arsenic	65	D	12/20/2024	2357
7440-39-3	Barium	56	D	12/20/2024	2357
7440-41-7	Beryllium	1.7	D	12/20/2024	2357
7440-43-9	Cadmium	0.68	JD	12/20/2024	2357
7440-70-2	Calcium	7000	D	12/20/2024	2357
7440-47-3	Chromium	89	D*	12/20/2024	2357
7440-48-4	Cobalt	49	D	12/20/2024	2357
7440-50-8	Copper	140	D	12/20/2024	2357
7439-89-6	Iron	65000	D	12/20/2024	2357
7439-92-1	Lead	25	D	12/20/2024	2357
7439-95-4	Magnesium	20000	D	12/20/2024	2357
7439-96-5	Manganese	1800	D	12/20/2024	2357
7440-02-0	Nickel	72	D	12/20/2024	2357
7440-09-7	Potassium	740	JD	12/20/2024	2357
7782-49-2	Selenium	32	D	12/20/2024	2357
7440-22-4	Silver	3.4	D*	12/20/2024	2357
7440-23-5	Sodium	800	UD	12/20/2024	2357
7440-28-0	Thallium	4.0	UD	12/20/2024	2357
7440-62-2	Vanadium	140	D	12/20/2024	2357
7440-66-6	Zinc	61	D*	12/20/2024	2357

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

Comments:

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MYCZF7

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZD9

Matrix: SOIL Lab Sample ID: P5184-19

% 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	29000	D	12/21/2024	0001
7440-36-0	Antimony	15	D	12/21/2024	0001
7440-38-2	Arsenic	78	D	12/21/2024	0001
7440-39-3	Barium	60	D	12/21/2024	0001
7440-41-7	Beryllium	1.8	D	12/21/2024	0001
7440-43-9	Cadmium	0.67	JD	12/21/2024	0001
7440-70-2	Calcium	7500	D	12/21/2024	0001
7440-47-3	Chromium	82	D*	12/21/2024	0001
7440-48-4	Cobalt	47	D	12/21/2024	0001
7440-50-8	Copper	140	D	12/21/2024	0001
7439-89-6	Iron	70000	D	12/21/2024	0001
7439-92-1	Lead	25	D	12/21/2024	0001
7439-95-4	Magnesium	20000	D	12/21/2024	0001
7439-96-5	Manganese	1800	D	12/21/2024	0001
7440-02-0	Nickel	72	D	12/21/2024	0001
7440-09-7	Potassium	640	JD	12/21/2024	0001
7782-49-2	Selenium	35	D	12/21/2024	0001
7440-22-4	Silver	3.6	D*	12/21/2024	0001
7440-23-5	Sodium	940	UD	12/21/2024	0001
7440-28-0	Thallium	4.7	UD	12/21/2024	0001
7440-62-2	Vanadium	160	D	12/21/2024	0001
7440-66-6	Zinc	63	D*	12/21/2024	0001

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

Comments:

FORM 1 - IN
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MYCZF8

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCZD9

Matrix: SOIL Lab Sample ID: P5184-20

% Solids: 98.4 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	32000	D	12/23/2024	1713
7440-36-0	Antimony	15	D	12/23/2024	1713
7440-38-2	Arsenic	110	D	12/23/2024	1713
7440-39-3	Barium	65	D	12/23/2024	1713
7440-41-7	Beryllium	1.5	D	12/23/2024	1713
7440-43-9	Cadmium	2.8	D	12/23/2024	1713
7440-70-2	Calcium	6000	D	12/23/2024	1713
7440-47-3	Chromium	140	D*	12/23/2024	1713
7440-48-4	Cobalt	46	D	12/23/2024	1713
7440-50-8	Copper	340	D	12/23/2024	1713
7439-89-6	Iron	67000	D	12/23/2024	1713
7439-92-1	Lead	77	D	12/23/2024	1713
7439-95-4	Magnesium	24000	D	12/23/2024	1713
7439-96-5	Manganese	1200	D	12/23/2024	1713
7440-02-0	Nickel	84	D	12/23/2024	1713
7440-09-7	Potassium	390	JD	12/23/2024	1713
7782-49-2	Selenium	37	D	12/23/2024	1713
7440-22-4	Silver	1.4	JD [†]	12/23/2024	1713
7440-23-5	Sodium	800	UD	12/23/2024	1713
7440-28-0	Thallium	4.0	UD	12/23/2024	1713
7440-62-2	Vanadium	180	D	12/23/2024	1713
7440-66-6	Zinc	180	D*	12/23/2024	1713

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

Comments: