

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB73

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB73

Matrix: SOIL Lab Sample ID: P4316-01

% Solids: 96.9 Date Received: 10/04/2024

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	10/20/2024	2046
7440-36-0	Antimony	1.0	JD*	10/20/2024	2046
7440-38-2	Arsenic	48	D*	10/20/2024	2046
7440-39-3	Barium	140	D	10/20/2024	2046
7440-41-7	Beryllium	1.1	D	10/20/2024	2046
7440-43-9	Cadmium	0.50	JD	10/20/2024	2046
7440-70-2	Calcium	5900	D	10/20/2024	2046
7440-47-3	Chromium	17	D	10/20/2024	2046
7440-48-4	Cobalt	17	D	10/20/2024	2046
7440-50-8	Copper	54	D	10/20/2024	2046
7439-89-6	Iron	39000	D	10/20/2024	2046
7439-92-1	Lead	46	D*	10/20/2024	2046
7439-95-4	Magnesium	6300	D	10/20/2024	2046
7439-96-5	Manganese	630	D*	10/20/2024	2046
7440-02-0	Nickel	20	D	10/20/2024	2046
7440-09-7	Potassium	2100	D	10/20/2024	2046
7782-49-2	Selenium	1.3	JD*	10/20/2024	2046
7440-22-4	Silver	1.4	UD	10/20/2024	2046
7440-23-5	Sodium	140	JD	10/20/2024	2046
7440-28-0	Thallium	3.5	UD	10/20/2024	2046
7440-62-2	Vanadium	63	D	10/20/2024	2046
7440-66-6	Zinc	140	D*	10/20/2024	2046

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB74

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB73

Matrix: SOIL Lab Sample ID: P4316-02

% Solids: 96.3 Date Received: 10/04/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	15000	D	10/20/2024	2051
7440-36-0	Antimony	1.0	JD*	10/20/2024	2051
7440-38-2	Arsenic	16	D*	10/20/2024	2051
7440-39-3	Barium	180	D	10/20/2024	2051
7440-41-7	Beryllium	1.1	D	10/20/2024	2051
7440-43-9	Cadmium	0.84	UD	10/20/2024	2051
7440-70-2	Calcium	6100	D	10/20/2024	2051
7440-47-3	Chromium	17	D	10/20/2024	2051
7440-48-4	Cobalt	18	D	10/20/2024	2051
7440-50-8	Copper	34	D	10/20/2024	2051
7439-89-6	Iron	40000	D	10/20/2024	2051
7439-92-1	Lead	24	D*	10/20/2024	2051
7439-95-4	Magnesium	5700	D	10/20/2024	2051
7439-96-5	Manganese	680	D*	10/20/2024	2051
7440-02-0	Nickel	18	D	10/20/2024	2051
7440-09-7	Potassium	1300	D	10/20/2024	2051
7782-49-2	Selenium	5.9	UD*	10/20/2024	2051
7440-22-4	Silver	1.7	UD	10/20/2024	2051
7440-23-5	Sodium	170	JD	10/20/2024	2051
7440-28-0	Thallium	4.2	UD	10/20/2024	2051
7440-62-2	Vanadium	76	D	10/20/2024	2051
7440-66-6	Zinc	61	D*	10/20/2024	2051

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB75

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB73

Matrix: SOIL Lab Sample ID: P4316-03

% Solids: 96.4 Date Received: 10/04/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	15000	D	10/20/2024	2055
7440-36-0	Antimony	9.7	UD [†]	10/20/2024	2055
7440-38-2	Arsenic	35	D [*]	10/20/2024	2055
7440-39-3	Barium	120	D	10/20/2024	2055
7440-41-7	Beryllium	1.0	D	10/20/2024	2055
7440-43-9	Cadmium	0.32	JD	10/20/2024	2055
7440-70-2	Calcium	5000	D	10/20/2024	2055
7440-47-3	Chromium	15	D	10/20/2024	2055
7440-48-4	Cobalt	16	D	10/20/2024	2055
7440-50-8	Copper	53	D	10/20/2024	2055
7439-89-6	Iron	36000	D	10/20/2024	2055
7439-92-1	Lead	40	D [*]	10/20/2024	2055
7439-95-4	Magnesium	5600	D	10/20/2024	2055
7439-96-5	Manganese	580	D [*]	10/20/2024	2055
7440-02-0	Nickel	18	D	10/20/2024	2055
7440-09-7	Potassium	1600	D	10/20/2024	2055
7782-49-2	Selenium	5.7	UD [†]	10/20/2024	2055
7440-22-4	Silver	1.6	UD	10/20/2024	2055
7440-23-5	Sodium	180	JD	10/20/2024	2055
7440-28-0	Thallium	4.1	UD	10/20/2024	2055
7440-62-2	Vanadium	68	D	10/20/2024	2055
7440-66-6	Zinc	110	D [*]	10/20/2024	2055

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB76

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB73

Matrix: SOIL Lab Sample ID: P4316-04

% Solids: 97.5 Date Received: 10/04/2024

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	16000	D	10/20/2024	2059
7440-36-0	Antimony	1.0	JD*	10/20/2024	2059
7440-38-2	Arsenic	39	D*	10/20/2024	2059
7440-39-3	Barium	120	D	10/20/2024	2059
7440-41-7	Beryllium	1.0	D	10/20/2024	2059
7440-43-9	Cadmium	0.38	JD	10/20/2024	2059
7440-70-2	Calcium	4800	D	10/20/2024	2059
7440-47-3	Chromium	16	D	10/20/2024	2059
7440-48-4	Cobalt	16	D	10/20/2024	2059
7440-50-8	Copper	55	D	10/20/2024	2059
7439-89-6	Iron	37000	D	10/20/2024	2059
7439-92-1	Lead	42	D*	10/20/2024	2059
7439-95-4	Magnesium	5500	D	10/20/2024	2059
7439-96-5	Manganese	550	D*	10/20/2024	2059
7440-02-0	Nickel	19	D	10/20/2024	2059
7440-09-7	Potassium	1900	D	10/20/2024	2059
7782-49-2	Selenium	5.3	UD*	10/20/2024	2059
7440-22-4	Silver	1.5	UD	10/20/2024	2059
7440-23-5	Sodium	750	UD	10/20/2024	2059
7440-28-0	Thallium	3.8	UD	10/20/2024	2059
7440-62-2	Vanadium	68	D	10/20/2024	2059
7440-66-6	Zinc	130	D*	10/20/2024	2059

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB77

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB73

Matrix: SOIL Lab Sample ID: P4316-05

% Solids: 95 Date Received: 10/04/2024

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	20000	D	10/20/2024	2104
7440-36-0	Antimony	11	UD [†]	10/20/2024	2104
7440-38-2	Arsenic	31	D [*]	10/20/2024	2104
7440-39-3	Barium	170	D	10/20/2024	2104
7440-41-7	Beryllium	1.2	D	10/20/2024	2104
7440-43-9	Cadmium	0.22	JD	10/20/2024	2104
7440-70-2	Calcium	6900	D	10/20/2024	2104
7440-47-3	Chromium	17	D	10/20/2024	2104
7440-48-4	Cobalt	16	D	10/20/2024	2104
7440-50-8	Copper	38	D	10/20/2024	2104
7439-89-6	Iron	38000	D	10/20/2024	2104
7439-92-1	Lead	32	D [*]	10/20/2024	2104
7439-95-4	Magnesium	6700	D	10/20/2024	2104
7439-96-5	Manganese	610	D [*]	10/20/2024	2104
7440-02-0	Nickel	20	D	10/20/2024	2104
7440-09-7	Potassium	1900	D	10/20/2024	2104
7782-49-2	Selenium	6.1	UD [†]	10/20/2024	2104
7440-22-4	Silver	1.8	UD	10/20/2024	2104
7440-23-5	Sodium	880	UD	10/20/2024	2104
7440-28-0	Thallium	4.4	UD	10/20/2024	2104
7440-62-2	Vanadium	67	D	10/20/2024	2104
7440-66-6	Zinc	96	D [*]	10/20/2024	2104

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB78

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB73

Matrix: SOIL Lab Sample ID: P4316-06

% Solids: 98.2 Date Received: 10/04/2024

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	10/20/2024	2108
7440-36-0	Antimony	0.98	JD*	10/20/2024	2108
7440-38-2	Arsenic	14	D*	10/20/2024	2108
7440-39-3	Barium	110	D	10/20/2024	2108
7440-41-7	Beryllium	1.1	D	10/20/2024	2108
7440-43-9	Cadmium	0.72	UD	10/20/2024	2108
7440-70-2	Calcium	5300	D	10/20/2024	2108
7440-47-3	Chromium	14	D	10/20/2024	2108
7440-48-4	Cobalt	23	D	10/20/2024	2108
7440-50-8	Copper	30	D	10/20/2024	2108
7439-89-6	Iron	46000	D	10/20/2024	2108
7439-92-1	Lead	20	D*	10/20/2024	2108
7439-95-4	Magnesium	5000	D	10/20/2024	2108
7439-96-5	Manganese	580	D*	10/20/2024	2108
7440-02-0	Nickel	18	D	10/20/2024	2108
7440-09-7	Potassium	1500	D	10/20/2024	2108
7782-49-2	Selenium	5.1	UD*	10/20/2024	2108
7440-22-4	Silver	1.4	UD	10/20/2024	2108
7440-23-5	Sodium	140	JD	10/20/2024	2108
7440-28-0	Thallium	3.6	UD	10/20/2024	2108
7440-62-2	Vanadium	98	D	10/20/2024	2108
7440-66-6	Zinc	57	D*	10/20/2024	2108

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB79

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB73

Matrix: SOIL Lab Sample ID: P4316-07

% Solids: 96.8 Date Received: 10/04/2024

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	10/20/2024	2113
7440-36-0	Antimony	9.5	UD [†]	10/20/2024	2113
7440-38-2	Arsenic	11	D [*]	10/20/2024	2113
7440-39-3	Barium	120	D	10/20/2024	2113
7440-41-7	Beryllium	0.91	D	10/20/2024	2113
7440-43-9	Cadmium	0.80	UD	10/20/2024	2113
7440-70-2	Calcium	7100	D	10/20/2024	2113
7440-47-3	Chromium	15	D	10/20/2024	2113
7440-48-4	Cobalt	18	D	10/20/2024	2113
7440-50-8	Copper	31	D	10/20/2024	2113
7439-89-6	Iron	36000	D	10/20/2024	2113
7439-92-1	Lead	17	D [*]	10/20/2024	2113
7439-95-4	Magnesium	6900	D	10/20/2024	2113
7439-96-5	Manganese	810	D [*]	10/20/2024	2113
7440-02-0	Nickel	18	D	10/20/2024	2113
7440-09-7	Potassium	1200	D	10/20/2024	2113
7782-49-2	Selenium	5.6	UD [†]	10/20/2024	2113
7440-22-4	Silver	1.6	UD	10/20/2024	2113
7440-23-5	Sodium	190	JD	10/20/2024	2113
7440-28-0	Thallium	4.0	UD	10/20/2024	2113
7440-62-2	Vanadium	60	D	10/20/2024	2113
7440-66-6	Zinc	59	D [*]	10/20/2024	2113

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB80

Lab Name: Alliance Technical Group, LLC

Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51772

MA No. : 3226.1 SDG No.: MYDB73

Matrix: SOIL

Lab Sample ID: P4316-08

% Solids: 98.1

Date Received: 10/04/2024

Analytical Method: ICP_AES

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	16000	D	10/20/2024	2117
7440-36-0	Antimony	9.3	UD [†]	10/20/2024	2117
7440-38-2	Arsenic	51	D*	10/20/2024	2117
7440-39-3	Barium	110	D	10/20/2024	2117
7440-41-7	Beryllium	0.91	D	10/20/2024	2117
7440-43-9	Cadmium	0.56	JD	10/20/2024	2117
7440-70-2	Calcium	5800	D	10/20/2024	2117
7440-47-3	Chromium	14	D	10/20/2024	2117
7440-48-4	Cobalt	15	D	10/20/2024	2117
7440-50-8	Copper	54	D	10/20/2024	2117
7439-89-6	Iron	35000	D	10/20/2024	2117
7439-92-1	Lead	58	D*	10/20/2024	2117
7439-95-4	Magnesium	5800	D	10/20/2024	2117
7439-96-5	Manganese	640	D*	10/20/2024	2117
7440-02-0	Nickel	17	D	10/20/2024	2117
7440-09-7	Potassium	2300	D	10/20/2024	2117
7782-49-2	Selenium	5.4	UD [†]	10/20/2024	2117
7440-22-4	Silver	1.5	UD	10/20/2024	2117
7440-23-5	Sodium	170	JD	10/20/2024	2117
7440-28-0	Thallium	3.9	UD	10/20/2024	2117
7440-62-2	Vanadium	60	D	10/20/2024	2117
7440-66-6	Zinc	180	D*	10/20/2024	2117

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB81

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB73

Matrix: SOIL Lab Sample ID: P4316-09

% Solids: 98.4 Date Received: 10/04/2024

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	10/20/2024	2122
7440-36-0	Antimony	1.1	JD*	10/20/2024	2122
7440-38-2	Arsenic	76	D*	10/20/2024	2122
7440-39-3	Barium	130	D	10/20/2024	2122
7440-41-7	Beryllium	0.85	D	10/20/2024	2122
7440-43-9	Cadmium	0.76	D	10/20/2024	2122
7440-70-2	Calcium	4200	D	10/20/2024	2122
7440-47-3	Chromium	12	D	10/20/2024	2122
7440-48-4	Cobalt	13	D	10/20/2024	2122
7440-50-8	Copper	55	D	10/20/2024	2122
7439-89-6	Iron	32000	D	10/20/2024	2122
7439-92-1	Lead	82	D*	10/20/2024	2122
7439-95-4	Magnesium	4700	D	10/20/2024	2122
7439-96-5	Manganese	450	D*	10/20/2024	2122
7440-02-0	Nickel	16	D	10/20/2024	2122
7440-09-7	Potassium	2200	D	10/20/2024	2122
7782-49-2	Selenium	4.9	UD*	10/20/2024	2122
7440-22-4	Silver	1.4	UD	10/20/2024	2122
7440-23-5	Sodium	700	UD	10/20/2024	2122
7440-28-0	Thallium	3.5	UD	10/20/2024	2122
7440-62-2	Vanadium	58	D	10/20/2024	2122
7440-66-6	Zinc	220	D*	10/20/2024	2122

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB82

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB73

Matrix: SOIL Lab Sample ID: P4316-10

% Solids: 97.6 Date Received: 10/04/2024

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	10/20/2024	2126
7440-36-0	Antimony	1.2	JD*	10/20/2024	2126
7440-38-2	Arsenic	66	D*	10/20/2024	2126
7440-39-3	Barium	120	D	10/20/2024	2126
7440-41-7	Beryllium	0.87	D	10/20/2024	2126
7440-43-9	Cadmium	0.80	D	10/20/2024	2126
7440-70-2	Calcium	5100	D	10/20/2024	2126
7440-47-3	Chromium	11	D	10/20/2024	2126
7440-48-4	Cobalt	14	D	10/20/2024	2126
7440-50-8	Copper	51	D	10/20/2024	2126
7439-89-6	Iron	32000	D	10/20/2024	2126
7439-92-1	Lead	76	D*	10/20/2024	2126
7439-95-4	Magnesium	4700	D	10/20/2024	2126
7439-96-5	Manganese	650	D*	10/20/2024	2126
7440-02-0	Nickel	15	D	10/20/2024	2126
7440-09-7	Potassium	2500	D	10/20/2024	2126
7782-49-2	Selenium	5.0	UD*	10/20/2024	2126
7440-22-4	Silver	1.4	UD	10/20/2024	2126
7440-23-5	Sodium	710	UD	10/20/2024	2126
7440-28-0	Thallium	3.5	UD	10/20/2024	2126
7440-62-2	Vanadium	54	D	10/20/2024	2126
7440-66-6	Zinc	200	D*	10/20/2024	2126

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB83

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB73

Matrix: SOIL Lab Sample ID: P4316-11

% Solids: 97.1 Date Received: 10/04/2024

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	10/20/2024	2130
7440-36-0	Antimony	10	UD [†]	10/20/2024	2130
7440-38-2	Arsenic	25	D [*]	10/20/2024	2130
7440-39-3	Barium	150	D	10/20/2024	2130
7440-41-7	Beryllium	1.1	D	10/20/2024	2130
7440-43-9	Cadmium	0.073	JD	10/20/2024	2130
7440-70-2	Calcium	6500	D	10/20/2024	2130
7440-47-3	Chromium	15	D	10/20/2024	2130
7440-48-4	Cobalt	17	D	10/20/2024	2130
7440-50-8	Copper	42	D	10/20/2024	2130
7439-89-6	Iron	39000	D	10/20/2024	2130
7439-92-1	Lead	25	D [*]	10/20/2024	2130
7439-95-4	Magnesium	6300	D	10/20/2024	2130
7439-96-5	Manganese	610	D [*]	10/20/2024	2130
7440-02-0	Nickel	18	D	10/20/2024	2130
7440-09-7	Potassium	1500	D	10/20/2024	2130
7782-49-2	Selenium	5.9	UD [†]	10/20/2024	2130
7440-22-4	Silver	1.7	UD	10/20/2024	2130
7440-23-5	Sodium	840	UD	10/20/2024	2130
7440-28-0	Thallium	4.2	UD	10/20/2024	2130
7440-62-2	Vanadium	68	D	10/20/2024	2130
7440-66-6	Zinc	80	D [*]	10/20/2024	2130

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

Comments:

FORM 1 - IN
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MYDB84

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB73

Matrix: SOIL Lab Sample ID: P4316-12

% Solids: 97.4 Date Received: 10/04/2024

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	10/20/2024	2135
7440-36-0	Antimony	0.91	JD*	10/20/2024	2135
7440-38-2	Arsenic	33	D*	10/20/2024	2135
7440-39-3	Barium	130	D	10/20/2024	2135
7440-41-7	Beryllium	1.0	D	10/20/2024	2135
7440-43-9	Cadmium	0.28	JD	10/20/2024	2135
7440-70-2	Calcium	5800	D	10/20/2024	2135
7440-47-3	Chromium	15	D	10/20/2024	2135
7440-48-4	Cobalt	14	D	10/20/2024	2135
7440-50-8	Copper	53	D	10/20/2024	2135
7439-89-6	Iron	36000	D	10/20/2024	2135
7439-92-1	Lead	42	D*	10/20/2024	2135
7439-95-4	Magnesium	5700	D	10/20/2024	2135
7439-96-5	Manganese	600	D*	10/20/2024	2135
7440-02-0	Nickel	17	D	10/20/2024	2135
7440-09-7	Potassium	2000	D	10/20/2024	2135
7782-49-2	Selenium	7.0	UD*	10/20/2024	2135
7440-22-4	Silver	2.0	UD	10/20/2024	2135
7440-23-5	Sodium	1000	UD	10/20/2024	2135
7440-28-0	Thallium	5.0	UD	10/20/2024	2135
7440-62-2	Vanadium	63	D	10/20/2024	2135
7440-66-6	Zinc	120	D*	10/20/2024	2135

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB85

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB73

Matrix: SOIL Lab Sample ID: P4316-13

% Solids: 97.6 Date Received: 10/04/2024

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	16000	D	10/20/2024	2139
7440-36-0	Antimony	0.90	JD*	10/20/2024	2139
7440-38-2	Arsenic	34	D*	10/20/2024	2139
7440-39-3	Barium	140	D	10/20/2024	2139
7440-41-7	Beryllium	0.98	D	10/20/2024	2139
7440-43-9	Cadmium	0.28	JD	10/20/2024	2139
7440-70-2	Calcium	5500	D	10/20/2024	2139
7440-47-3	Chromium	14	D	10/20/2024	2139
7440-48-4	Cobalt	14	D	10/20/2024	2139
7440-50-8	Copper	46	D	10/20/2024	2139
7439-89-6	Iron	33000	D	10/20/2024	2139
7439-92-1	Lead	38	D*	10/20/2024	2139
7439-95-4	Magnesium	5500	D	10/20/2024	2139
7439-96-5	Manganese	560	D*	10/20/2024	2139
7440-02-0	Nickel	16	D	10/20/2024	2139
7440-09-7	Potassium	1600	D	10/20/2024	2139
7782-49-2	Selenium	5.8	UD*	10/20/2024	2139
7440-22-4	Silver	1.7	UD	10/20/2024	2139
7440-23-5	Sodium	830	UD	10/20/2024	2139
7440-28-0	Thallium	4.1	UD	10/20/2024	2139
7440-62-2	Vanadium	57	D	10/20/2024	2139
7440-66-6	Zinc	110	D*	10/20/2024	2139

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB86

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB73

Matrix: SOIL Lab Sample ID: P4316-14

% Solids: 97.6 Date Received: 10/04/2024

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	10/20/2024	2144
7440-36-0	Antimony	1.2	JD [†]	10/20/2024	2144
7440-38-2	Arsenic	38	D [*]	10/20/2024	2144
7440-39-3	Barium	140	D	10/20/2024	2144
7440-41-7	Beryllium	0.81	D	10/20/2024	2144
7440-43-9	Cadmium	0.65	JD	10/20/2024	2144
7440-70-2	Calcium	8000	D	10/20/2024	2144
7440-47-3	Chromium	13	D	10/20/2024	2144
7440-48-4	Cobalt	14	D	10/20/2024	2144
7440-50-8	Copper	55	D	10/20/2024	2144
7439-89-6	Iron	30000	D	10/20/2024	2144
7439-92-1	Lead	54	D [*]	10/20/2024	2144
7439-95-4	Magnesium	5200	D	10/20/2024	2144
7439-96-5	Manganese	780	D [*]	10/20/2024	2144
7440-02-0	Nickel	18	D	10/20/2024	2144
7440-09-7	Potassium	3700	D	10/20/2024	2144
7782-49-2	Selenium	5.0	UD [†]	10/20/2024	2144
7440-22-4	Silver	1.4	UD	10/20/2024	2144
7440-23-5	Sodium	710	UD	10/20/2024	2144
7440-28-0	Thallium	3.6	UD	10/20/2024	2144
7440-62-2	Vanadium	47	D	10/20/2024	2144
7440-66-6	Zinc	150	D [*]	10/20/2024	2144

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB87

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB73

Matrix: SOIL Lab Sample ID: P4316-15

% Solids: 98 Date Received: 10/04/2024

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	10/20/2024	2148
7440-36-0	Antimony	1.4	JD*	10/20/2024	2148
7440-38-2	Arsenic	69	D*	10/20/2024	2148
7440-39-3	Barium	120	D	10/20/2024	2148
7440-41-7	Beryllium	0.92	D	10/20/2024	2148
7440-43-9	Cadmium	0.81	D	10/20/2024	2148
7440-70-2	Calcium	5300	D	10/20/2024	2148
7440-47-3	Chromium	13	D	10/20/2024	2148
7440-48-4	Cobalt	14	D	10/20/2024	2148
7440-50-8	Copper	51	D	10/20/2024	2148
7439-89-6	Iron	37000	D	10/20/2024	2148
7439-92-1	Lead	83	D*	10/20/2024	2148
7439-95-4	Magnesium	4900	D	10/20/2024	2148
7439-96-5	Manganese	670	D*	10/20/2024	2148
7440-02-0	Nickel	15	D	10/20/2024	2148
7440-09-7	Potassium	2600	D	10/20/2024	2148
7782-49-2	Selenium	5.2	UD*	10/20/2024	2148
7440-22-4	Silver	1.5	UD	10/20/2024	2148
7440-23-5	Sodium	740	UD	10/20/2024	2148
7440-28-0	Thallium	3.7	UD	10/20/2024	2148
7440-62-2	Vanadium	63	D	10/20/2024	2148
7440-66-6	Zinc	230	D*	10/20/2024	2148

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB88

Lab Name: Alliance Technical Group, LLC

Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51772

MA No. : 3226.1 SDG No.: MYDB73

Matrix: SOIL

Lab Sample ID: P4316-16

% Solids: 95.4

Date Received: 10/04/2024

Analytical Method: ICP_AES

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	20000	D	10/20/2024	2152
7440-36-0	Antimony	11	UD [†]	10/20/2024	2152
7440-38-2	Arsenic	13	D*	10/20/2024	2152
7440-39-3	Barium	170	D	10/20/2024	2152
7440-41-7	Beryllium	1.2	D	10/20/2024	2152
7440-43-9	Cadmium	0.94	UD	10/20/2024	2152
7440-70-2	Calcium	7200	D	10/20/2024	2152
7440-47-3	Chromium	15	D	10/20/2024	2152
7440-48-4	Cobalt	17	D	10/20/2024	2152
7440-50-8	Copper	31	D	10/20/2024	2152
7439-89-6	Iron	38000	D	10/20/2024	2152
7439-92-1	Lead	17	D*	10/20/2024	2152
7439-95-4	Magnesium	7100	D	10/20/2024	2152
7439-96-5	Manganese	630	D*	10/20/2024	2152
7440-02-0	Nickel	19	D	10/20/2024	2152
7440-09-7	Potassium	1300	D	10/20/2024	2152
7782-49-2	Selenium	6.6	UD [†]	10/20/2024	2152
7440-22-4	Silver	1.9	UD	10/20/2024	2152
7440-23-5	Sodium	940	UD	10/20/2024	2152
7440-28-0	Thallium	4.7	UD	10/20/2024	2152
7440-62-2	Vanadium	64	D	10/20/2024	2152
7440-66-6	Zinc	59	D*	10/20/2024	2152

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB89

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB73

Matrix: SOIL Lab Sample ID: P4316-19

% Solids: 97.5 Date Received: 10/04/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	15000	D	10/20/2024	2210
7440-36-0	Antimony	2.1	JD*	10/20/2024	2210
7440-38-2	Arsenic	79	D*	10/20/2024	2210
7440-39-3	Barium	130	D	10/20/2024	2210
7440-41-7	Beryllium	0.96	D	10/20/2024	2210
7440-43-9	Cadmium	0.93	D	10/20/2024	2210
7440-70-2	Calcium	7200	D	10/20/2024	2210
7440-47-3	Chromium	14	D	10/20/2024	2210
7440-48-4	Cobalt	14	D	10/20/2024	2210
7440-50-8	Copper	66	D	10/20/2024	2210
7439-89-6	Iron	36000	D	10/20/2024	2210
7439-92-1	Lead	82	D*	10/20/2024	2210
7439-95-4	Magnesium	5600	D	10/20/2024	2210
7439-96-5	Manganese	810	D*	10/20/2024	2210
7440-02-0	Nickel	19	D	10/20/2024	2210
7440-09-7	Potassium	2800	D	10/20/2024	2210
7782-49-2	Selenium	6.0	UD*	10/20/2024	2210
7440-22-4	Silver	1.7	UD	10/20/2024	2210
7440-23-5	Sodium	860	UD	10/20/2024	2210
7440-28-0	Thallium	4.3	UD	10/20/2024	2210
7440-62-2	Vanadium	55	D	10/20/2024	2210
7440-66-6	Zinc	240	D*	10/20/2024	2210

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB90

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB73

Matrix: SOIL Lab Sample ID: P4316-20

% Solids: 96.3 Date Received: 10/04/2024

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	10/20/2024	2237
7440-36-0	Antimony	11	UD [†]	10/20/2024	2237
7440-38-2	Arsenic	19	D [*]	10/20/2024	2237
7440-39-3	Barium	160	D	10/20/2024	2237
7440-41-7	Beryllium	1.0	D	10/20/2024	2237
7440-43-9	Cadmium	0.90	UD	10/20/2024	2237
7440-70-2	Calcium	7400	D	10/20/2024	2237
7440-47-3	Chromium	17	D	10/20/2024	2237
7440-48-4	Cobalt	18	D	10/20/2024	2237
7440-50-8	Copper	32	D	10/20/2024	2237
7439-89-6	Iron	34000	D	10/20/2024	2237
7439-92-1	Lead	20	D [*]	10/20/2024	2237
7439-95-4	Magnesium	6400	D	10/20/2024	2237
7439-96-5	Manganese	750	D [*]	10/20/2024	2237
7440-02-0	Nickel	20	D	10/20/2024	2237
7440-09-7	Potassium	1200	D	10/20/2024	2237
7782-49-2	Selenium	6.3	UD [†]	10/20/2024	2237
7440-22-4	Silver	1.8	UD	10/20/2024	2237
7440-23-5	Sodium	900	UD	10/20/2024	2237
7440-28-0	Thallium	4.5	UD	10/20/2024	2237
7440-62-2	Vanadium	59	D	10/20/2024	2237
7440-66-6	Zinc	66	D [*]	10/20/2024	2237

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

Comments:

FORM 1 - IN
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MYDB91

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB73

Matrix: SOIL Lab Sample ID: P4316-21

% Solids: 97.8 Date Received: 10/04/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	15000	D	10/20/2024	2241
7440-36-0	Antimony	1.1	JD*	10/20/2024	2241
7440-38-2	Arsenic	47	D*	10/20/2024	2241
7440-39-3	Barium	110	D	10/20/2024	2241
7440-41-7	Beryllium	1.0	D	10/20/2024	2241
7440-43-9	Cadmium	0.49	JD	10/20/2024	2241
7440-70-2	Calcium	4700	D	10/20/2024	2241
7440-47-3	Chromium	17	D	10/20/2024	2241
7440-48-4	Cobalt	18	D	10/20/2024	2241
7440-50-8	Copper	56	D	10/20/2024	2241
7439-89-6	Iron	39000	D	10/20/2024	2241
7439-92-1	Lead	51	D*	10/20/2024	2241
7439-95-4	Magnesium	5300	D	10/20/2024	2241
7439-96-5	Manganese	540	D*	10/20/2024	2241
7440-02-0	Nickel	19	D	10/20/2024	2241
7440-09-7	Potassium	1900	D	10/20/2024	2241
7782-49-2	Selenium	4.8	UD*	10/20/2024	2241
7440-22-4	Silver	1.4	UD	10/20/2024	2241
7440-23-5	Sodium	160	JD	10/20/2024	2241
7440-28-0	Thallium	3.4	UD	10/20/2024	2241
7440-62-2	Vanadium	74	D	10/20/2024	2241
7440-66-6	Zinc	140	D*	10/20/2024	2241

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDBA8

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB73

Matrix: SOIL Lab Sample ID: P4316-22

% Solids: 98.2 Date Received: 10/04/2024

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	10/20/2024	2246
7440-36-0	Antimony	2.4	JD*	10/20/2024	2246
7440-38-2	Arsenic	48	D*	10/20/2024	2246
7440-39-3	Barium	240	D	10/20/2024	2246
7440-41-7	Beryllium	1.4	D	10/20/2024	2246
7440-43-9	Cadmium	2.9	D	10/20/2024	2246
7440-70-2	Calcium	5100	D	10/20/2024	2246
7440-47-3	Chromium	59	D	10/20/2024	2246
7440-48-4	Cobalt	20	D	10/20/2024	2246
7440-50-8	Copper	410	D	10/20/2024	2246
7439-89-6	Iron	35000	D	10/20/2024	2246
7439-92-1	Lead	140	D*	10/20/2024	2246
7439-95-4	Magnesium	6400	D	10/20/2024	2246
7439-96-5	Manganese	1100	D*	10/20/2024	2246
7440-02-0	Nickel	57	D	10/20/2024	2246
7440-09-7	Potassium	2800	D	10/20/2024	2246
7782-49-2	Selenium	6.1	UD*	10/20/2024	2246
7440-22-4	Silver	1.7	UD	10/20/2024	2246
7440-23-5	Sodium	220	JD	10/20/2024	2246
7440-28-0	Thallium	4.4	UD	10/20/2024	2246
7440-62-2	Vanadium	62	D	10/20/2024	2246
7440-66-6	Zinc	330	D*	10/20/2024	2246

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

Comments: