

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDB92

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB92

Matrix: SOIL Lab Sample ID: P4317-01

% Solids: 98.6 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	18000	D	10/24/2024	1225
7440-36-0	Antimony	1.3	JD [†]	10/24/2024	1225
7440-38-2	Arsenic	32	D [*]	10/24/2024	1225
7440-39-3	Barium	160	D	10/24/2024	1225
7440-41-7	Beryllium	1.1	D	10/24/2024	1225
7440-43-9	Cadmium	1.7	D	10/24/2024	1225
7440-70-2	Calcium	19000	D	10/24/2024	1225
7440-47-3	Chromium	40	D	10/24/2024	1225
7440-48-4	Cobalt	24	D	10/24/2024	1225
7440-50-8	Copper	110	D	10/24/2024	1225
7439-89-6	Iron	44000	D	10/24/2024	1225
7439-92-1	Lead	85	D	10/24/2024	1225
7439-95-4	Magnesium	8000	D	10/24/2024	1225
7439-96-5	Manganese	1100	D	10/24/2024	1225
7440-02-0	Nickel	31	D	10/24/2024	1225
7440-09-7	Potassium	4200	D	10/24/2024	1225
7782-49-2	Selenium	6.9	UD [†]	10/24/2024	1225
7440-22-4	Silver	2.0	UD	10/24/2024	1225
7440-23-5	Sodium	390	JD	10/24/2024	1225
7440-28-0	Thallium	4.9	UD	10/24/2024	1225
7440-62-2	Vanadium	110	D	10/24/2024	1225
7440-66-6	Zinc	190	D	10/24/2024	1225

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

Comments:

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MYDB93

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB92

Matrix: SOIL Lab Sample ID: P4317-02

% Solids: 98.6 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	9500	D	10/24/2024	1229
7440-36-0	Antimony	0.88	JD [†]	10/24/2024	1229
7440-38-2	Arsenic	29	D [*]	10/24/2024	1229
7440-39-3	Barium	83	D	10/24/2024	1229
7440-41-7	Beryllium	0.62	JD	10/24/2024	1229
7440-43-9	Cadmium	1.1	D	10/24/2024	1229
7440-70-2	Calcium	24000	D	10/24/2024	1229
7440-47-3	Chromium	21	D	10/24/2024	1229
7440-48-4	Cobalt	12	D	10/24/2024	1229
7440-50-8	Copper	120	D	10/24/2024	1229
7439-89-6	Iron	23000	D	10/24/2024	1229
7439-92-1	Lead	43	D	10/24/2024	1229
7439-95-4	Magnesium	5200	D	10/24/2024	1229
7439-96-5	Manganese	470	D	10/24/2024	1229
7440-02-0	Nickel	16	D	10/24/2024	1229
7440-09-7	Potassium	2500	D	10/24/2024	1229
7782-49-2	Selenium	6.0	UD [†]	10/24/2024	1229
7440-22-4	Silver	1.7	UD	10/24/2024	1229
7440-23-5	Sodium	240	JD	10/24/2024	1229
7440-28-0	Thallium	4.3	UD	10/24/2024	1229
7440-62-2	Vanadium	53	D	10/24/2024	1229
7440-66-6	Zinc	110	D	10/24/2024	1229

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

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MYDB94

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB92

Matrix: SOIL Lab Sample ID: P4317-03

% Solids: 99.2 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	10000	D	10/24/2024	1234
7440-36-0	Antimony	0.81	JD [†]	10/24/2024	1234
7440-38-2	Arsenic	20	D [*]	10/24/2024	1234
7440-39-3	Barium	110	D	10/24/2024	1234
7440-41-7	Beryllium	0.72	JD	10/24/2024	1234
7440-43-9	Cadmium	1.5	D	10/24/2024	1234
7440-70-2	Calcium	11000	D	10/24/2024	1234
7440-47-3	Chromium	23	D	10/24/2024	1234
7440-48-4	Cobalt	13	D	10/24/2024	1234
7440-50-8	Copper	160	D	10/24/2024	1234
7439-89-6	Iron	28000	D	10/24/2024	1234
7439-92-1	Lead	78	D	10/24/2024	1234
7439-95-4	Magnesium	4800	D	10/24/2024	1234
7439-96-5	Manganese	560	D	10/24/2024	1234
7440-02-0	Nickel	18	D	10/24/2024	1234
7440-09-7	Potassium	3000	D	10/24/2024	1234
7782-49-2	Selenium	5.6	UD [†]	10/24/2024	1234
7440-22-4	Silver	1.6	UD	10/24/2024	1234
7440-23-5	Sodium	190	JD	10/24/2024	1234
7440-28-0	Thallium	4.0	UD	10/24/2024	1234
7440-62-2	Vanadium	60	D	10/24/2024	1234
7440-66-6	Zinc	150	D	10/24/2024	1234

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

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MYDB95

Lab Name: Alliance Technical Group, LLC

Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51772

MA No. : 3226.1 SDG No.: MYDB92

Matrix: SOIL

Lab Sample ID: P4317-04

% Solids: 98.4

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	11000	D	10/24/2024	1247
7440-36-0	Antimony	9.7	UD [†]	10/24/2024	1247
7440-38-2	Arsenic	28	D*	10/24/2024	1247
7440-39-3	Barium	130	D	10/24/2024	1247
7440-41-7	Beryllium	0.67	JD	10/24/2024	1247
7440-43-9	Cadmium	1.2	D	10/24/2024	1247
7440-70-2	Calcium	14000	D	10/24/2024	1247
7440-47-3	Chromium	28	D	10/24/2024	1247
7440-48-4	Cobalt	18	D	10/24/2024	1247
7440-50-8	Copper	150	D	10/24/2024	1247
7439-89-6	Iron	27000	D	10/24/2024	1247
7439-92-1	Lead	160	D	10/24/2024	1247
7439-95-4	Magnesium	5900	D	10/24/2024	1247
7439-96-5	Manganese	910	D	10/24/2024	1247
7440-02-0	Nickel	30	D	10/24/2024	1247
7440-09-7	Potassium	2600	D	10/24/2024	1247
7782-49-2	Selenium	5.7	UD [†]	10/24/2024	1247
7440-22-4	Silver	1.6	UD	10/24/2024	1247
7440-23-5	Sodium	230	JD	10/24/2024	1247
7440-28-0	Thallium	4.0	UD	10/24/2024	1247
7440-62-2	Vanadium	58	D	10/24/2024	1247
7440-66-6	Zinc	120	D	10/24/2024	1247

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

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MYDB96

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB92

Matrix: SOIL Lab Sample ID: P4317-05

% Solids: 98.7 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	10/24/2024	1251
7440-36-0	Antimony	1.3	JD [†]	10/24/2024	1251
7440-38-2	Arsenic	26	D [*]	10/24/2024	1251
7440-39-3	Barium	140	D	10/24/2024	1251
7440-41-7	Beryllium	0.76	JD	10/24/2024	1251
7440-43-9	Cadmium	1.7	D	10/24/2024	1251
7440-70-2	Calcium	15000	D	10/24/2024	1251
7440-47-3	Chromium	26	D	10/24/2024	1251
7440-48-4	Cobalt	15	D	10/24/2024	1251
7440-50-8	Copper	170	D	10/24/2024	1251
7439-89-6	Iron	27000	D	10/24/2024	1251
7439-92-1	Lead	98	D	10/24/2024	1251
7439-95-4	Magnesium	5500	D	10/24/2024	1251
7439-96-5	Manganese	760	D	10/24/2024	1251
7440-02-0	Nickel	21	D	10/24/2024	1251
7440-09-7	Potassium	3700	D	10/24/2024	1251
7782-49-2	Selenium	6.0	UD [†]	10/24/2024	1251
7440-22-4	Silver	1.7	UD	10/24/2024	1251
7440-23-5	Sodium	240	JD	10/24/2024	1251
7440-28-0	Thallium	4.3	UD	10/24/2024	1251
7440-62-2	Vanadium	56	D	10/24/2024	1251
7440-66-6	Zinc	190	D	10/24/2024	1251

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

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MYDB97

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB92

Matrix: SOIL Lab Sample ID: P4317-06

% 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	10/24/2024	1255
7440-36-0	Antimony	10	UD [†]	10/24/2024	1255
7440-38-2	Arsenic	11	D [*]	10/24/2024	1255
7440-39-3	Barium	76	D	10/24/2024	1255
7440-41-7	Beryllium	0.76	JD	10/24/2024	1255
7440-43-9	Cadmium	0.83	JD	10/24/2024	1255
7440-70-2	Calcium	13000	D	10/24/2024	1255
7440-47-3	Chromium	36	D	10/24/2024	1255
7440-48-4	Cobalt	15	D	10/24/2024	1255
7440-50-8	Copper	53	D	10/24/2024	1255
7439-89-6	Iron	28000	D	10/24/2024	1255
7439-92-1	Lead	36	D	10/24/2024	1255
7439-95-4	Magnesium	5800	D	10/24/2024	1255
7439-96-5	Manganese	520	D	10/24/2024	1255
7440-02-0	Nickel	27	D	10/24/2024	1255
7440-09-7	Potassium	2300	D	10/24/2024	1255
7782-49-2	Selenium	5.9	UD [†]	10/24/2024	1255
7440-22-4	Silver	1.7	UD	10/24/2024	1255
7440-23-5	Sodium	200	JD	10/24/2024	1255
7440-28-0	Thallium	4.2	UD	10/24/2024	1255
7440-62-2	Vanadium	68	D	10/24/2024	1255
7440-66-6	Zinc	77	D	10/24/2024	1255

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

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MYDB98

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB92

Matrix: SOIL Lab Sample ID: P4317-07

% 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	18000	D	10/24/2024	1300
7440-36-0	Antimony	1.0	JD [†]	10/24/2024	1300
7440-38-2	Arsenic	19	D [*]	10/24/2024	1300
7440-39-3	Barium	120	D	10/24/2024	1300
7440-41-7	Beryllium	0.93	D	10/24/2024	1300
7440-43-9	Cadmium	0.84	D	10/24/2024	1300
7440-70-2	Calcium	9500	D	10/24/2024	1300
7440-47-3	Chromium	43	D	10/24/2024	1300
7440-48-4	Cobalt	21	D	10/24/2024	1300
7440-50-8	Copper	52	D	10/24/2024	1300
7439-89-6	Iron	34000	D	10/24/2024	1300
7439-92-1	Lead	22	D	10/24/2024	1300
7439-95-4	Magnesium	7600	D	10/24/2024	1300
7439-96-5	Manganese	680	D	10/24/2024	1300
7440-02-0	Nickel	37	D	10/24/2024	1300
7440-09-7	Potassium	1700	D	10/24/2024	1300
7782-49-2	Selenium	5.7	UD [†]	10/24/2024	1300
7440-22-4	Silver	1.6	UD	10/24/2024	1300
7440-23-5	Sodium	380	JD	10/24/2024	1300
7440-28-0	Thallium	4.1	UD	10/24/2024	1300
7440-62-2	Vanadium	83	D	10/24/2024	1300
7440-66-6	Zinc	66	D	10/24/2024	1300

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

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MYDB99

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB92

Matrix: SOIL Lab Sample ID: P4317-08

% Solids: 98.3 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	10/24/2024	1304
7440-36-0	Antimony	1.8	JD [†]	10/24/2024	1304
7440-38-2	Arsenic	36	D [*]	10/24/2024	1304
7440-39-3	Barium	110	D	10/24/2024	1304
7440-41-7	Beryllium	0.87	D	10/24/2024	1304
7440-43-9	Cadmium	0.95	D	10/24/2024	1304
7440-70-2	Calcium	12000	D	10/24/2024	1304
7440-47-3	Chromium	50	D	10/24/2024	1304
7440-48-4	Cobalt	20	D	10/24/2024	1304
7440-50-8	Copper	76	D	10/24/2024	1304
7439-89-6	Iron	35000	D	10/24/2024	1304
7439-92-1	Lead	53	D	10/24/2024	1304
7439-95-4	Magnesium	8000	D	10/24/2024	1304
7439-96-5	Manganese	690	D	10/24/2024	1304
7440-02-0	Nickel	39	D	10/24/2024	1304
7440-09-7	Potassium	2700	D	10/24/2024	1304
7782-49-2	Selenium	6.1	UD [†]	10/24/2024	1304
7440-22-4	Silver	1.7	UD	10/24/2024	1304
7440-23-5	Sodium	280	JD	10/24/2024	1304
7440-28-0	Thallium	4.4	UD	10/24/2024	1304
7440-62-2	Vanadium	89	D	10/24/2024	1304
7440-66-6	Zinc	120	D	10/24/2024	1304

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

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MYDBA0

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB92

Matrix: SOIL Lab Sample ID: P4317-09

% 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	15000	D	10/24/2024	1309
7440-36-0	Antimony	1.4	JD [†]	10/24/2024	1309
7440-38-2	Arsenic	26	D [*]	10/24/2024	1309
7440-39-3	Barium	160	D	10/24/2024	1309
7440-41-7	Beryllium	0.95	D	10/24/2024	1309
7440-43-9	Cadmium	1.4	D	10/24/2024	1309
7440-70-2	Calcium	12000	D	10/24/2024	1309
7440-47-3	Chromium	30	D	10/24/2024	1309
7440-48-4	Cobalt	15	D	10/24/2024	1309
7440-50-8	Copper	140	D	10/24/2024	1309
7439-89-6	Iron	31000	D	10/24/2024	1309
7439-92-1	Lead	89	D	10/24/2024	1309
7439-95-4	Magnesium	6100	D	10/24/2024	1309
7439-96-5	Manganese	520	D	10/24/2024	1309
7440-02-0	Nickel	25	D	10/24/2024	1309
7440-09-7	Potassium	3100	D	10/24/2024	1309
7782-49-2	Selenium	6.6	UD [†]	10/24/2024	1309
7440-22-4	Silver	1.9	UD	10/24/2024	1309
7440-23-5	Sodium	370	JD	10/24/2024	1309
7440-28-0	Thallium	4.7	UD	10/24/2024	1309
7440-62-2	Vanadium	59	D	10/24/2024	1309
7440-66-6	Zinc	170	D	10/24/2024	1309

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

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MYDBA1

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB92

Matrix: SOIL Lab Sample ID: P4317-12

% 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	16000	D	10/24/2024	1326
7440-36-0	Antimony	11	UD [†]	10/24/2024	1326
7440-38-2	Arsenic	9.4	D [*]	10/24/2024	1326
7440-39-3	Barium	170	D	10/24/2024	1326
7440-41-7	Beryllium	0.98	D	10/24/2024	1326
7440-43-9	Cadmium	0.77	JD	10/24/2024	1326
7440-70-2	Calcium	11000	D	10/24/2024	1326
7440-47-3	Chromium	29	D	10/24/2024	1326
7440-48-4	Cobalt	16	D	10/24/2024	1326
7440-50-8	Copper	39	D	10/24/2024	1326
7439-89-6	Iron	28000	D	10/24/2024	1326
7439-92-1	Lead	18	D	10/24/2024	1326
7439-95-4	Magnesium	6400	D	10/24/2024	1326
7439-96-5	Manganese	630	D	10/24/2024	1326
7440-02-0	Nickel	30	D	10/24/2024	1326
7440-09-7	Potassium	3700	D	10/24/2024	1326
7782-49-2	Selenium	6.5	UD [†]	10/24/2024	1326
7440-22-4	Silver	1.8	UD	10/24/2024	1326
7440-23-5	Sodium	210	JD	10/24/2024	1326
7440-28-0	Thallium	4.6	UD	10/24/2024	1326
7440-62-2	Vanadium	55	D	10/24/2024	1326
7440-66-6	Zinc	64	D	10/24/2024	1326

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

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MYDBA2

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB92

Matrix: SOIL Lab Sample ID: P4317-13

% 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	13000	D	10/24/2024	1331
7440-36-0	Antimony	1.4	JD [†]	10/24/2024	1331
7440-38-2	Arsenic	6.8	D [*]	10/24/2024	1331
7440-39-3	Barium	150	D	10/24/2024	1331
7440-41-7	Beryllium	0.90	D	10/24/2024	1331
7440-43-9	Cadmium	0.61	JD	10/24/2024	1331
7440-70-2	Calcium	9200	D	10/24/2024	1331
7440-47-3	Chromium	27	D	10/24/2024	1331
7440-48-4	Cobalt	14	D	10/24/2024	1331
7440-50-8	Copper	28	D	10/24/2024	1331
7439-89-6	Iron	25000	D	10/24/2024	1331
7439-92-1	Lead	15	D	10/24/2024	1331
7439-95-4	Magnesium	5700	D	10/24/2024	1331
7439-96-5	Manganese	580	D	10/24/2024	1331
7440-02-0	Nickel	28	D	10/24/2024	1331
7440-09-7	Potassium	2800	D	10/24/2024	1331
7782-49-2	Selenium	5.9	UD [†]	10/24/2024	1331
7440-22-4	Silver	1.7	UD	10/24/2024	1331
7440-23-5	Sodium	220	JD	10/24/2024	1331
7440-28-0	Thallium	4.2	UD	10/24/2024	1331
7440-62-2	Vanadium	50	D	10/24/2024	1331
7440-66-6	Zinc	68	D	10/24/2024	1331

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

Comments:

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MYDBA3

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB92

Matrix: SOIL Lab Sample ID: P4317-14

% Solids: 97 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	10/24/2024	1335
7440-36-0	Antimony	10	UD [†]	10/24/2024	1335
7440-38-2	Arsenic	20	D [*]	10/24/2024	1335
7440-39-3	Barium	210	D	10/24/2024	1335
7440-41-7	Beryllium	1.2	D	10/24/2024	1335
7440-43-9	Cadmium	1.4	D	10/24/2024	1335
7440-70-2	Calcium	11000	D	10/24/2024	1335
7440-47-3	Chromium	41	D	10/24/2024	1335
7440-48-4	Cobalt	24	D	10/24/2024	1335
7440-50-8	Copper	90	D	10/24/2024	1335
7439-89-6	Iron	37000	D	10/24/2024	1335
7439-92-1	Lead	47	D	10/24/2024	1335
7439-95-4	Magnesium	8500	D	10/24/2024	1335
7439-96-5	Manganese	860	D	10/24/2024	1335
7440-02-0	Nickel	37	D	10/24/2024	1335
7440-09-7	Potassium	3700	D	10/24/2024	1335
7782-49-2	Selenium	6.0	UD [†]	10/24/2024	1335
7440-22-4	Silver	1.7	UD	10/24/2024	1335
7440-23-5	Sodium	340	JD	10/24/2024	1335
7440-28-0	Thallium	4.3	UD	10/24/2024	1335
7440-62-2	Vanadium	77	D	10/24/2024	1335
7440-66-6	Zinc	140	D	10/24/2024	1335

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDBA4

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB92

Matrix: SOIL Lab Sample ID: P4317-15

% 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	10/24/2024	1340
7440-36-0	Antimony	9.1	UD [†]	10/24/2024	1340
7440-38-2	Arsenic	15	D [*]	10/24/2024	1340
7440-39-3	Barium	190	D	10/24/2024	1340
7440-41-7	Beryllium	1.2	D	10/24/2024	1340
7440-43-9	Cadmium	1.6	D	10/24/2024	1340
7440-70-2	Calcium	15000	D	10/24/2024	1340
7440-47-3	Chromium	34	D	10/24/2024	1340
7440-48-4	Cobalt	19	D	10/24/2024	1340
7440-50-8	Copper	130	D	10/24/2024	1340
7439-89-6	Iron	37000	D	10/24/2024	1340
7439-92-1	Lead	93	D	10/24/2024	1340
7439-95-4	Magnesium	6900	D	10/24/2024	1340
7439-96-5	Manganese	720	D	10/24/2024	1340
7440-02-0	Nickel	29	D	10/24/2024	1340
7440-09-7	Potassium	3700	D	10/24/2024	1340
7782-49-2	Selenium	5.3	UD [†]	10/24/2024	1340
7440-22-4	Silver	1.5	UD	10/24/2024	1340
7440-23-5	Sodium	260	JD	10/24/2024	1340
7440-28-0	Thallium	3.8	UD	10/24/2024	1340
7440-62-2	Vanadium	73	D	10/24/2024	1340
7440-66-6	Zinc	220	D	10/24/2024	1340

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

Comments:

FORM 1 - IN
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MYDBA5

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB92

Matrix: SOIL Lab Sample ID: P4317-16

% Solids: 97.7 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	10/24/2024	1344
7440-36-0	Antimony	0.62	JD [†]	10/24/2024	1344
7440-38-2	Arsenic	9.7	D [*]	10/24/2024	1344
7440-39-3	Barium	150	D	10/24/2024	1344
7440-41-7	Beryllium	1.1	D	10/24/2024	1344
7440-43-9	Cadmium	0.89	D	10/24/2024	1344
7440-70-2	Calcium	15000	D	10/24/2024	1344
7440-47-3	Chromium	29	D	10/24/2024	1344
7440-48-4	Cobalt	15	D	10/24/2024	1344
7440-50-8	Copper	49	D	10/24/2024	1344
7439-89-6	Iron	29000	D	10/24/2024	1344
7439-92-1	Lead	30	D	10/24/2024	1344
7439-95-4	Magnesium	5700	D	10/24/2024	1344
7439-96-5	Manganese	520	D	10/24/2024	1344
7440-02-0	Nickel	24	D	10/24/2024	1344
7440-09-7	Potassium	3000	D	10/24/2024	1344
7782-49-2	Selenium	4.8	UD [†]	10/24/2024	1344
7440-22-4	Silver	1.4	UD	10/24/2024	1344
7440-23-5	Sodium	200	JD	10/24/2024	1344
7440-28-0	Thallium	3.4	UD	10/24/2024	1344
7440-62-2	Vanadium	66	D	10/24/2024	1344
7440-66-6	Zinc	69	D	10/24/2024	1344

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDBA6

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB92

Matrix: SOIL Lab Sample ID: P4317-17

% Solids: 98.7 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	10/24/2024	1349
7440-36-0	Antimony	0.67	JD [†]	10/24/2024	1349
7440-38-2	Arsenic	7.7	D [*]	10/24/2024	1349
7440-39-3	Barium	130	D	10/24/2024	1349
7440-41-7	Beryllium	0.68	JD	10/24/2024	1349
7440-43-9	Cadmium	0.56	JD	10/24/2024	1349
7440-70-2	Calcium	16000	D	10/24/2024	1349
7440-47-3	Chromium	26	D	10/24/2024	1349
7440-48-4	Cobalt	11	D	10/24/2024	1349
7440-50-8	Copper	42	D	10/24/2024	1349
7439-89-6	Iron	21000	D	10/24/2024	1349
7439-92-1	Lead	12	D	10/24/2024	1349
7439-95-4	Magnesium	6000	D	10/24/2024	1349
7439-96-5	Manganese	400	D	10/24/2024	1349
7440-02-0	Nickel	34	D	10/24/2024	1349
7440-09-7	Potassium	1900	D	10/24/2024	1349
7782-49-2	Selenium	5.3	UD [†]	10/24/2024	1349
7440-22-4	Silver	1.5	UD	10/24/2024	1349
7440-23-5	Sodium	190	JD	10/24/2024	1349
7440-28-0	Thallium	3.8	UD	10/24/2024	1349
7440-62-2	Vanadium	47	D	10/24/2024	1349
7440-66-6	Zinc	54	D	10/24/2024	1349

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDBA7

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB92

Matrix: SOIL Lab Sample ID: P4317-18

% Solids: 96.1 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	25000	D	10/24/2024	1353
7440-36-0	Antimony	2.7	JD [†]	10/24/2024	1353
7440-38-2	Arsenic	50	D [*]	10/24/2024	1353
7440-39-3	Barium	440	D	10/24/2024	1353
7440-41-7	Beryllium	1.7	D	10/24/2024	1353
7440-43-9	Cadmium	5.3	D	10/24/2024	1353
7440-70-2	Calcium	9000	D	10/24/2024	1353
7440-47-3	Chromium	59	D	10/24/2024	1353
7440-48-4	Cobalt	27	D	10/24/2024	1353
7440-50-8	Copper	620	D	10/24/2024	1353
7439-89-6	Iron	39000	D	10/24/2024	1353
7439-92-1	Lead	150	D	10/24/2024	1353
7439-95-4	Magnesium	7600	D	10/24/2024	1353
7439-96-5	Manganese	1300	D	10/24/2024	1353
7440-02-0	Nickel	93	D	10/24/2024	1353
7440-09-7	Potassium	3800	D	10/24/2024	1353
7782-49-2	Selenium	5.4	UD [†]	10/24/2024	1353
7440-22-4	Silver	1.5	UD	10/24/2024	1353
7440-23-5	Sodium	250	JD	10/24/2024	1353
7440-28-0	Thallium	3.8	UD	10/24/2024	1353
7440-62-2	Vanadium	63	D	10/24/2024	1353
7440-66-6	Zinc	340	D	10/24/2024	1353

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

Comments:

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MYDBA9

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB92

Matrix: SOIL Lab Sample ID: P4317-19

% Solids: 97 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	21000	D	10/24/2024	1357
7440-36-0	Antimony	1.3	JD [†]	10/24/2024	1357
7440-38-2	Arsenic	21	D [*]	10/24/2024	1357
7440-39-3	Barium	330	D	10/24/2024	1357
7440-41-7	Beryllium	1.4	D	10/24/2024	1357
7440-43-9	Cadmium	2.2	D	10/24/2024	1357
7440-70-2	Calcium	5600	D	10/24/2024	1357
7440-47-3	Chromium	44	D	10/24/2024	1357
7440-48-4	Cobalt	26	D	10/24/2024	1357
7440-50-8	Copper	180	D	10/24/2024	1357
7439-89-6	Iron	35000	D	10/24/2024	1357
7439-92-1	Lead	55	D	10/24/2024	1357
7439-95-4	Magnesium	6800	D	10/24/2024	1357
7439-96-5	Manganese	1600	D	10/24/2024	1357
7440-02-0	Nickel	64	D	10/24/2024	1357
7440-09-7	Potassium	4700	D	10/24/2024	1357
7782-49-2	Selenium	5.1	UD [†]	10/24/2024	1357
7440-22-4	Silver	1.4	UD	10/24/2024	1357
7440-23-5	Sodium	170	JD	10/24/2024	1357
7440-28-0	Thallium	3.6	UD	10/24/2024	1357
7440-62-2	Vanadium	56	D	10/24/2024	1357
7440-66-6	Zinc	160	D	10/24/2024	1357

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

Comments:

FORM 1 - IN
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MYDBB0

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB92

Matrix: SOIL Lab Sample ID: P4317-20

% 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	21000	D	10/24/2024	1402
7440-36-0	Antimony	1.3	JD [†]	10/24/2024	1402
7440-38-2	Arsenic	34	D [*]	10/24/2024	1402
7440-39-3	Barium	290	D	10/24/2024	1402
7440-41-7	Beryllium	1.4	D	10/24/2024	1402
7440-43-9	Cadmium	3.2	D	10/24/2024	1402
7440-70-2	Calcium	9200	D	10/24/2024	1402
7440-47-3	Chromium	45	D	10/24/2024	1402
7440-48-4	Cobalt	23	D	10/24/2024	1402
7440-50-8	Copper	340	D	10/24/2024	1402
7439-89-6	Iron	34000	D	10/24/2024	1402
7439-92-1	Lead	110	D	10/24/2024	1402
7439-95-4	Magnesium	7400	D	10/24/2024	1402
7439-96-5	Manganese	1200	D	10/24/2024	1402
7440-02-0	Nickel	58	D	10/24/2024	1402
7440-09-7	Potassium	3300	D	10/24/2024	1402
7782-49-2	Selenium	5.6	UD [†]	10/24/2024	1402
7440-22-4	Silver	1.6	UD	10/24/2024	1402
7440-23-5	Sodium	160	JD	10/24/2024	1402
7440-28-0	Thallium	4.0	UD	10/24/2024	1402
7440-62-2	Vanadium	61	D	10/24/2024	1402
7440-66-6	Zinc	340	D	10/24/2024	1402

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

Comments:

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MYDBB1

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB92

Matrix: SOIL Lab Sample ID: P4317-21

% Solids: 95.9 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	23000	D	10/24/2024	1406
7440-36-0	Antimony	1.2	JD [†]	10/24/2024	1406
7440-38-2	Arsenic	26	D [*]	10/24/2024	1406
7440-39-3	Barium	320	D	10/24/2024	1406
7440-41-7	Beryllium	1.4	D	10/24/2024	1406
7440-43-9	Cadmium	2.4	D	10/24/2024	1406
7440-70-2	Calcium	11000	D	10/24/2024	1406
7440-47-3	Chromium	53	D	10/24/2024	1406
7440-48-4	Cobalt	26	D	10/24/2024	1406
7440-50-8	Copper	180	D	10/24/2024	1406
7439-89-6	Iron	36000	D	10/24/2024	1406
7439-92-1	Lead	79	D	10/24/2024	1406
7439-95-4	Magnesium	10000	D	10/24/2024	1406
7439-96-5	Manganese	1000	D	10/24/2024	1406
7440-02-0	Nickel	110	D	10/24/2024	1406
7440-09-7	Potassium	2700	D	10/24/2024	1406
7782-49-2	Selenium	5.2	UD [†]	10/24/2024	1406
7440-22-4	Silver	1.5	UD	10/24/2024	1406
7440-23-5	Sodium	300	JD	10/24/2024	1406
7440-28-0	Thallium	3.7	UD	10/24/2024	1406
7440-62-2	Vanadium	57	D	10/24/2024	1406
7440-66-6	Zinc	170	D	10/24/2024	1406

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

Comments:

FORM 1 - IN
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MYDBB2

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDB92

Matrix: SOIL Lab Sample ID: P4317-22

% Solids: 97.3 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	19000	D	10/24/2024	1410
7440-36-0	Antimony	0.76	JD [†]	10/24/2024	1410
7440-38-2	Arsenic	21	D [*]	10/24/2024	1410
7440-39-3	Barium	230	D	10/24/2024	1410
7440-41-7	Beryllium	1.2	D	10/24/2024	1410
7440-43-9	Cadmium	2.0	D	10/24/2024	1410
7440-70-2	Calcium	7900	D	10/24/2024	1410
7440-47-3	Chromium	41	D	10/24/2024	1410
7440-48-4	Cobalt	20	D	10/24/2024	1410
7440-50-8	Copper	160	D	10/24/2024	1410
7439-89-6	Iron	31000	D	10/24/2024	1410
7439-92-1	Lead	46	D	10/24/2024	1410
7439-95-4	Magnesium	6200	D	10/24/2024	1410
7439-96-5	Manganese	1200	D	10/24/2024	1410
7440-02-0	Nickel	56	D	10/24/2024	1410
7440-09-7	Potassium	4800	D	10/24/2024	1410
7782-49-2	Selenium	5.2	UD [†]	10/24/2024	1410
7440-22-4	Silver	1.5	UD	10/24/2024	1410
7440-23-5	Sodium	160	JD	10/24/2024	1410
7440-28-0	Thallium	3.7	UD	10/24/2024	1410
7440-62-2	Vanadium	50	D	10/24/2024	1410
7440-66-6	Zinc	150	D	10/24/2024	1410

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

Comments: